

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019863.D
 Acq On : 24 Feb 2024 15:52
 Operator : MA/JU
 Sample : P1564-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MS

Quant Time: Feb 26 00:11:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	82999	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	301048	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	200092	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	432331	20.000	ng	0.00
76) Chrysene-d12	21.416	240	409403	20.000	ng	#-0.01
86) Perylene-d12	23.845	264	509454	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	387358	75.229	ng	0.00
7) Phenol-d6	7.081	99	506095	72.895	ng	0.00
23) Nitrobenzene-d5	9.075	82	347680	50.043	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	275722	94.377	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	814129	50.299	ng	0.00
79) Terphenyl-d14	19.875	244	1405847	56.472	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	71118	35.849	ng	99
3) Pyridine	3.781	79	186266	34.632	ng	97
4) n-Nitrosodimethylamine	3.705	42	95876	40.944	ng	98
6) Aniline	7.234	93	201358	29.848	ng	99
8) 2-Chlorophenol	7.469	128	231710	43.831	ng	98
9) Benzaldehyde	7.052	77	38015m	7.810	ng	
10) Phenol	7.105	94	291173	42.078	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	221585	41.160	ng	99
12) 1,3-Dichlorobenzene	7.787	146	268235	41.467	ng	98
13) 1,4-Dichlorobenzene	7.940	146	274117	41.827	ng	99
14) 1,2-Dichlorobenzene	8.252	146	264026	41.639	ng	98
15) Benzyl Alcohol	8.158	79	235175	42.394	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	215205	39.975	ng	97
17) 2-Methylphenol	8.358	107	194591	41.770	ng	99
18) Hexachloroethane	8.969	117	103827	40.873	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	185182	39.049	ng	96
20) 3+4-Methylphenols	8.687	107	258180	40.607	ng	98
22) Acetophenone	8.740	105	359997	41.975	ng	# 96
24) Nitrobenzene	9.116	77	279343	39.934	ng	100
25) Isophorone	9.646	82	496792	41.059	ng	99
26) 2-Nitrophenol	9.822	139	127151	47.672	ng	99
27) 2,4-Dimethylphenol	9.887	122	167741	49.183	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	281882	41.176	ng	99
29) 2,4-Dichlorophenol	10.358	162	230686	44.745	ng	97
30) 1,2,4-Trichlorobenzene	10.563	180	274161	43.371	ng	98
31) Naphthalene	10.752	128	687675	41.649	ng	100
32) Benzoic acid	10.052	122	157082	47.272	ng	99
33) 4-Chloroaniline	10.881	127	85679	14.032	ng	97
34) Hexachlorobutadiene	11.022	225	201007	42.910	ng	99
35) Caprolactam	11.693	113	71232	48.806	ng	96
36) 4-Chloro-3-methylphenol	12.004	107	282191	50.198	ng	97
37) 2-Methylnaphthalene	12.363	142	609918	53.377	ng	99
38) 1-Methylnaphthalene	12.587	142	579693	51.625	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	356022	46.136	ng	98
41) Hexachlorocyclopentadiene	12.693	237	422785	121.279	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	210508	45.050	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	227557	44.349	ng	97
46) 1,1'-Biphenyl	13.381	154	655969	41.075	ng	99
47) 2-Chloronaphthalene	13.422	162	527075	40.205	ng	99
48) 2-Nitroaniline	13.640	65	161399	44.030	ng	97
49) Acenaphthylene	14.269	152	832050	45.239	ng	100
50) Dimethylphthalate	14.016	163	656615	42.867	ng	99
51) 2,6-Dinitrotoluene	14.140	165	143067	42.511	ng	97
52) Acenaphthene	14.610	154	469128	41.097	ng	99
53) 3-Nitroaniline	14.469	138	90617	29.299	ng	100
54) 2,4-Dinitrophenol	14.687	184	180303	103.187	ng	96
55) Dibenzofuran	14.945	168	798266	42.936	ng	98
56) 4-Nitrophenol	14.787	139	225181	88.830	ng	96
57) 2,4-Dinitrotoluene	14.934	165	205652	46.632	ng	96
58) Fluorene	15.598	166	637965	43.082	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	215296	49.885	ng	94
60) Diethylphthalate	15.381	149	646614	42.440	ng	98
61) 4-Chlorophenyl-phenyle...	15.593	204	364009	43.736	ng	95
62) 4-Nitroaniline	15.634	138	137043	42.273	ng	99
63) Azobenzene	15.887	77	601473	40.825	ng	98
65) 4,6-Dinitro-2-methylph...	15.693	198	125321	50.836	ng	96
66) n-Nitrosodiphenylamine	15.816	169	552096	42.640	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	241445	44.673	ng	96
68) Hexachlorobenzene	16.598	284	281823	44.653	ng	93
69) Atrazine	16.781	200	221633	51.584	ng	96
70) Pentachlorophenol	16.951	266	366338	93.206	ng	99
71) Phenanthrene	17.351	178	1016291	44.668	ng	99
72) Anthracene	17.439	178	1017863	44.847	ng	99
73) Carbazole	17.722	167	893017	43.311	ng	99
74) Di-n-butylphthalate	18.275	149	1057061	42.400	ng	99
75) Fluoranthene	19.322	202	1230964	44.289	ng	99
77) Benzidine	19.516	184	438425	51.222	ng	99
78) Pyrene	19.675	202	1253129	43.370	ng	100
80) Butylbenzylphthalate	20.563	149	458416	42.484	ng	97
81) Benzo(a)anthracene	21.398	228	1271622	44.124	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	400889	38.174	ng	98
83) Chrysene	21.451	228	1184969	43.309	ng	99
84) Bis(2-ethylhexyl)phtha...	21.328	149	637184	38.780	ng	99
85) Di-n-octyl phthalate	22.275	149	1109550	38.381	ng	99
87) Indeno(1,2,3-cd)pyrene	26.404	276	1807666	46.354	ng	97
88) Benzo(b)fluoranthene	23.104	252	1350394	42.057	ng	99
89) Benzo(k)fluoranthene	23.157	252	1323801	43.161	ng	99
90) Benzo(a)pyrene	23.739	252	1278286	44.743	ng	99
91) Dibenzo(a,h)anthracene	26.433	278	1475161	45.994	ng #	98
92) Benzo(g,h,i)perylene	27.186	276	1422232	43.709	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

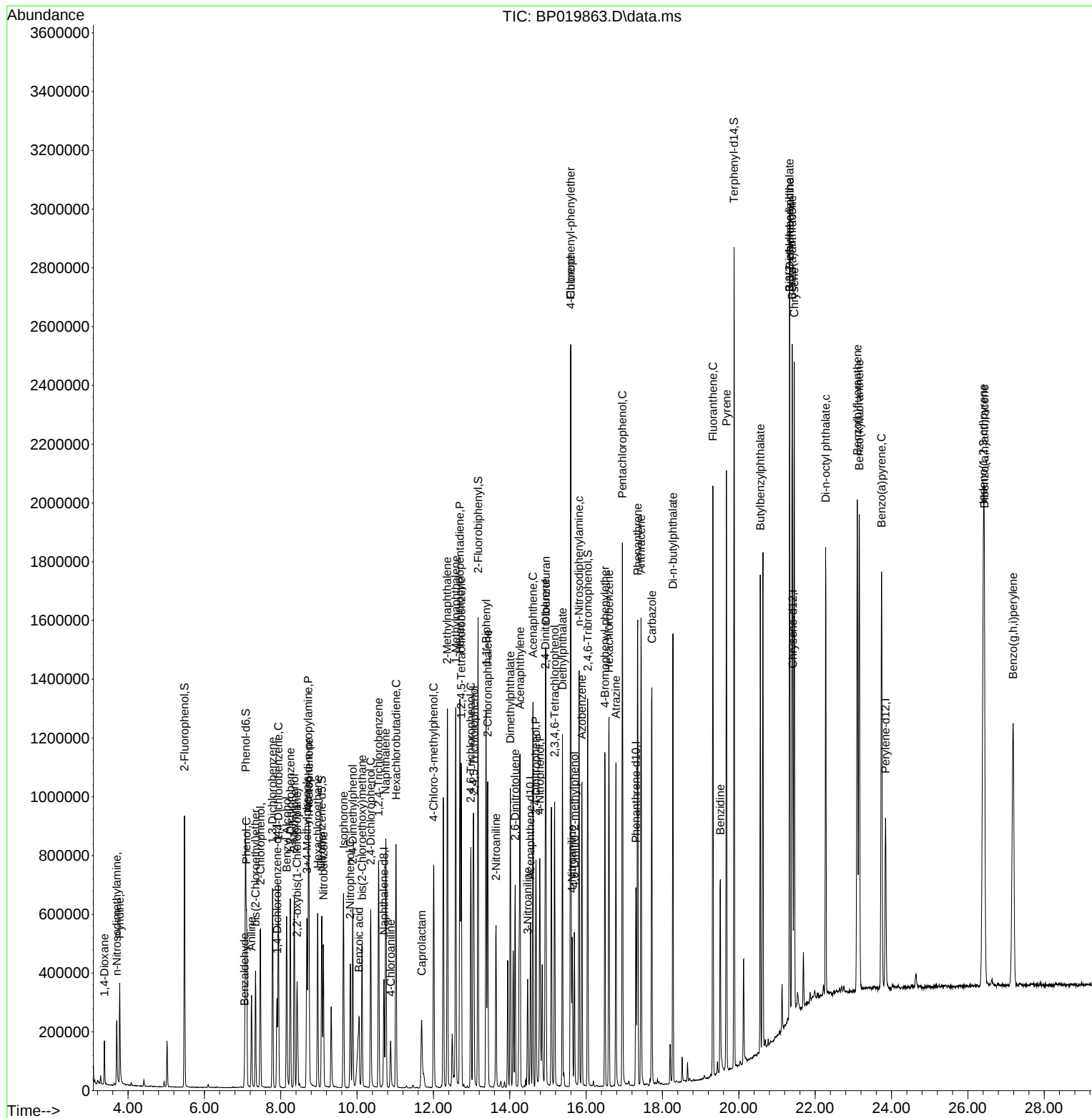
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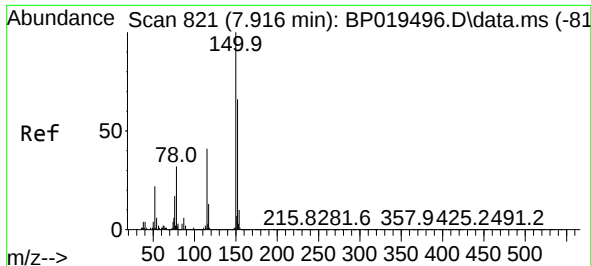
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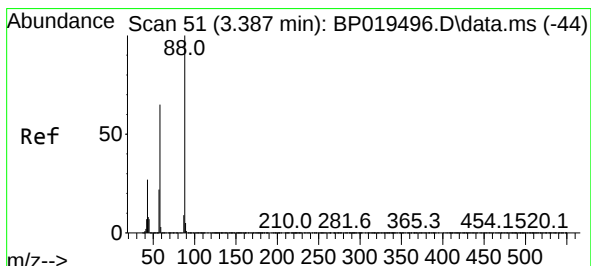
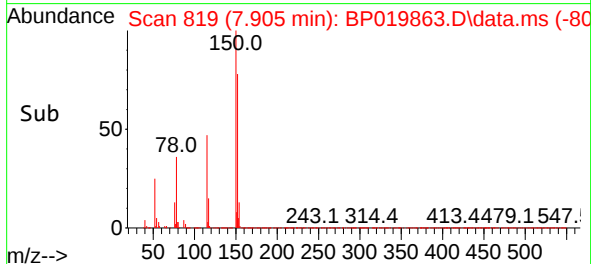
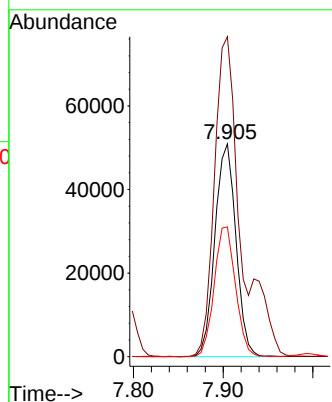
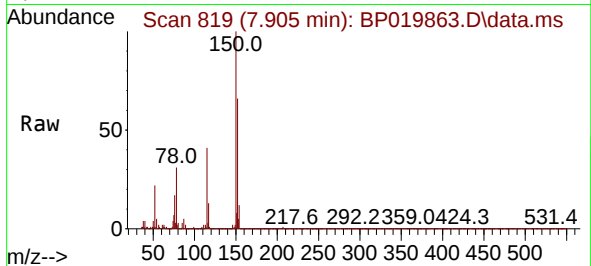
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.905 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52

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 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MS

Tgt Ion:152 Resp: 82999
 Ion Ratio Lower Upper
 152 100
 150 150.4 121.8 182.8
 115 61.0 49.9 74.9

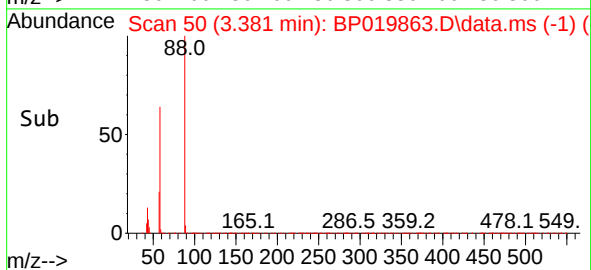
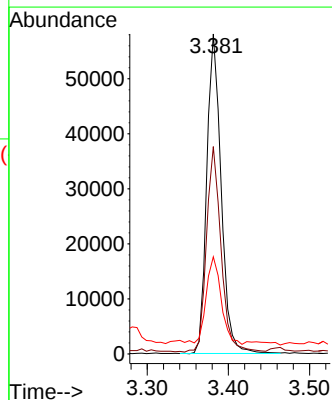
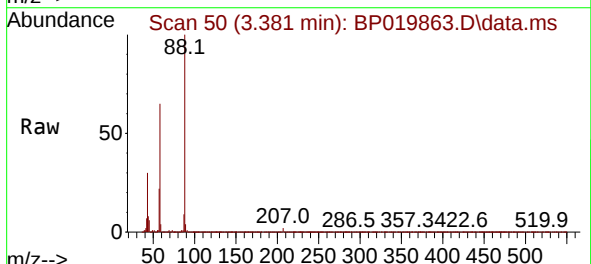
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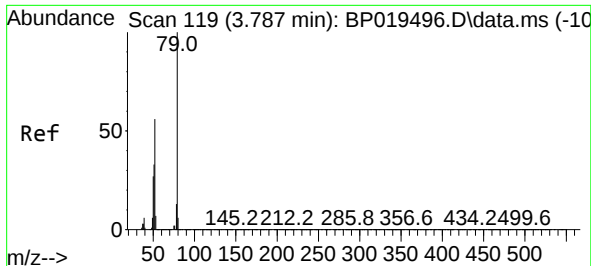
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 Supervised By :mohammad ahmed 02/27/2024



#2
 1,4-Dioxane
 Concen: 35.849 ng
 RT: 3.381 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52

Tgt Ion: 88 Resp: 71118
 Ion Ratio Lower Upper
 88 100
 58 65.0 52.6 78.8
 43 28.4 21.9 32.9





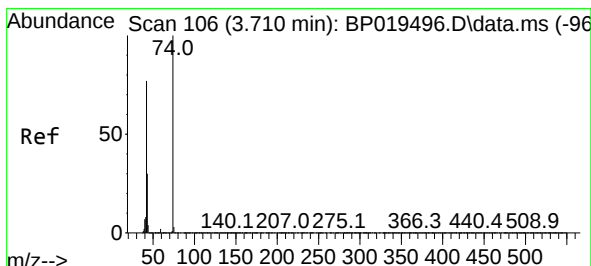
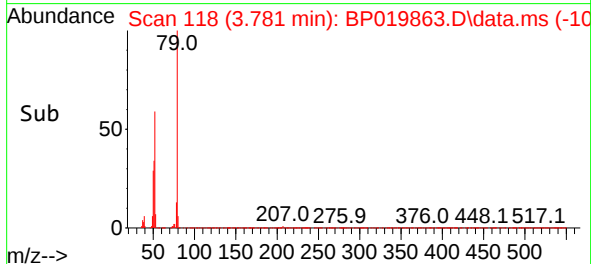
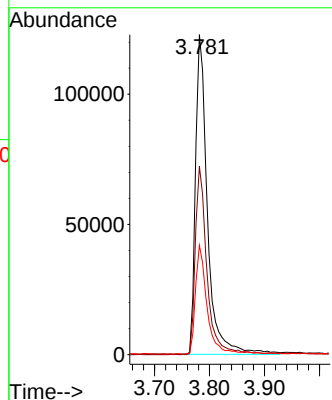
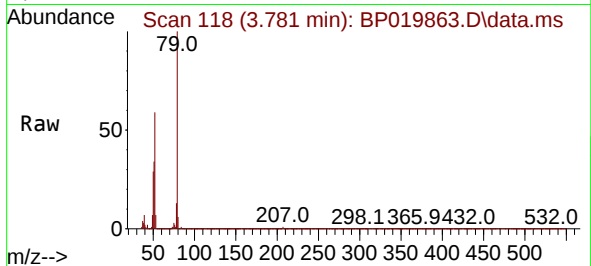
#3
Pyridine
Concen: 34.632 ng
RT: 3.781 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Instrument :
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ClientSampleId :
LKWD-BACKFILL-10MS

Tgt Ion: 79 Resp: 186260
Ion Ratio Lower Upper
79 100
52 58.8 45.0 67.6
51 34.2 26.8 40.2

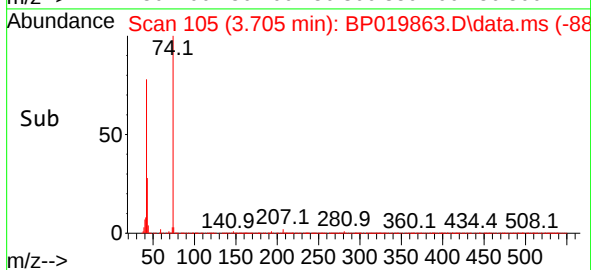
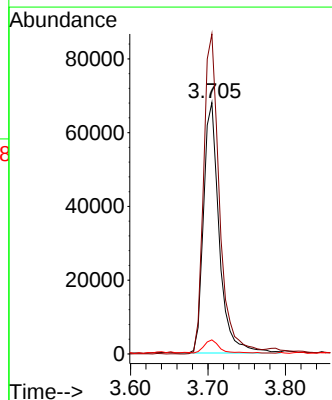
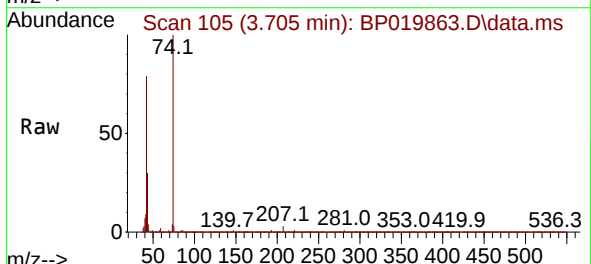
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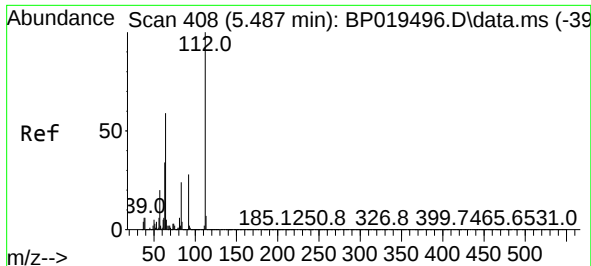
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#4
n-Nitrosodimethylamine
Concen: 40.944 ng
RT: 3.705 min Scan# 105
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion: 42 Resp: 95876
Ion Ratio Lower Upper
42 100
74 127.3 103.4 155.2
44 5.6 4.8 7.2





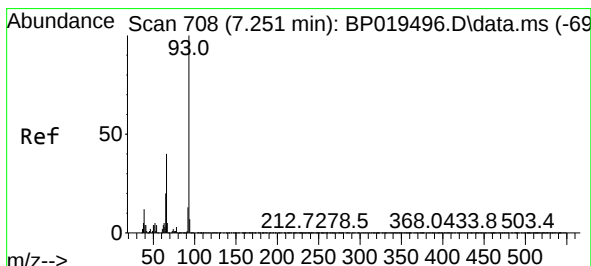
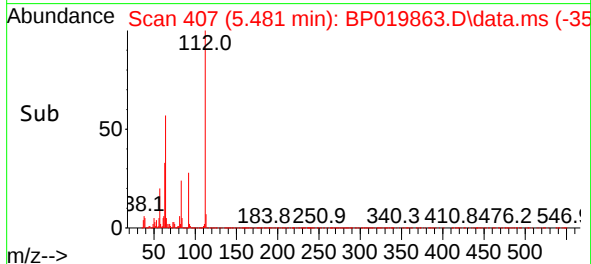
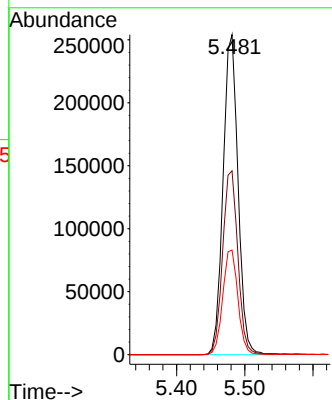
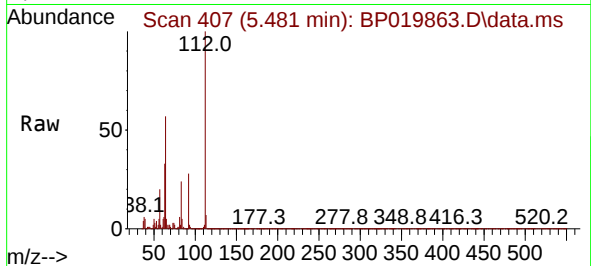
#5
2-Fluorophenol
Concen: 75.229 ng
RT: 5.481 min Scan# 408
Delta R.T. 0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

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Tgt Ion:112 Resp: 387358
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.0
63 32.7 27.0 40.6

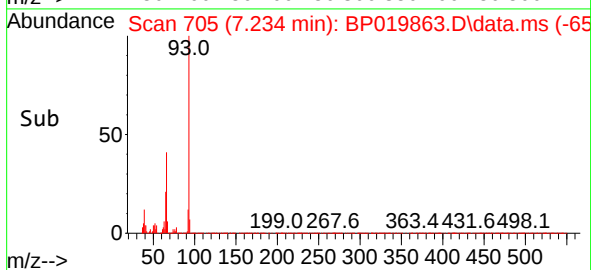
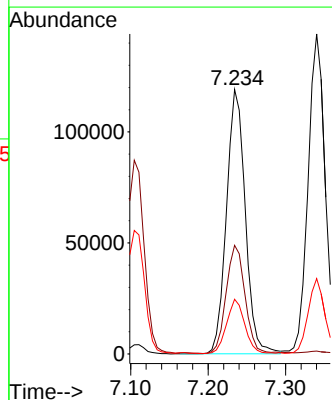
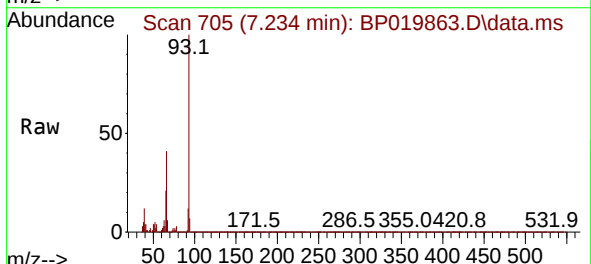
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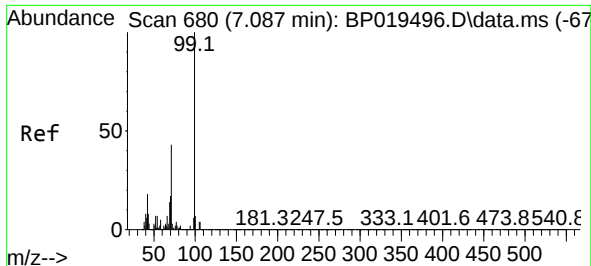
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#6
Aniline
Concen: 29.848 ng
RT: 7.234 min Scan# 705
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion: 93 Resp: 201358
Ion Ratio Lower Upper
93 100
66 41.1 32.3 48.5
65 20.7 16.4 24.6





#7

Phenol-d6

Concen: 72.895 ng

RT: 7.081 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP019863.D

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BNA_P

ClientSampleId :

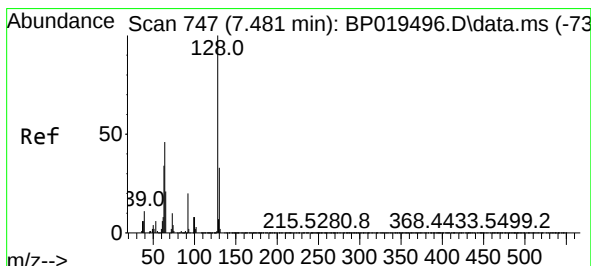
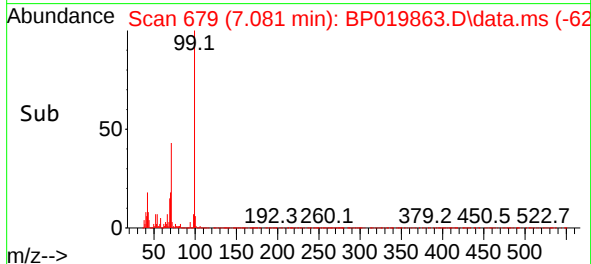
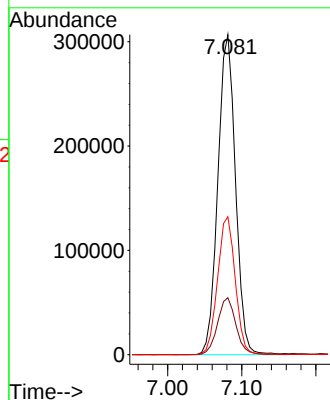
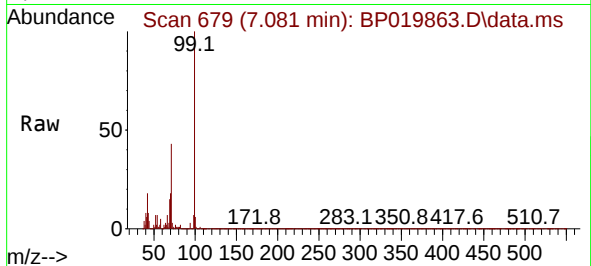
LKWD-BACKFILL-10MS

Tgt Ion: 99	Resp: 50609
Ion Ratio	Lower Upper
99 100	
42 17.8	14.7 22.1
71 43.1	34.8 52.2

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#8

2-Chlorophenol

Concen: 43.831 ng

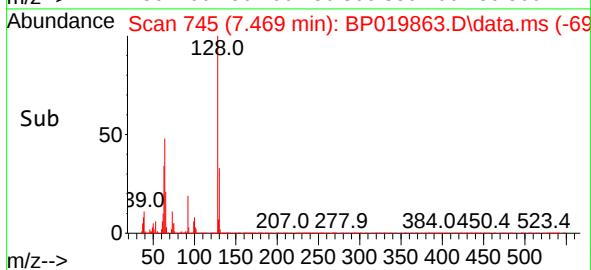
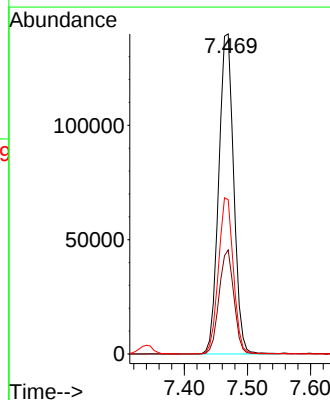
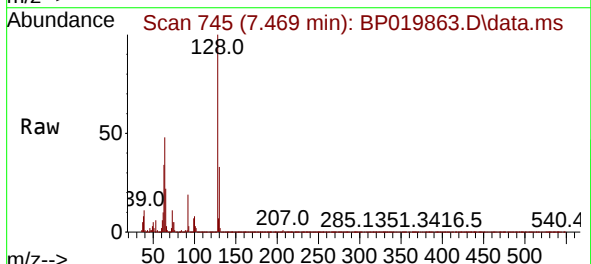
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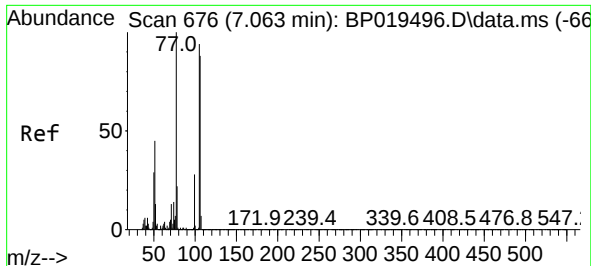
Delta R.T. 0.006 min

Lab File: BP019863.D

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Tgt Ion:128	Resp: 231710
Ion Ratio	Lower Upper
128 100	
130 32.5	13.3 53.3
64 48.2	29.7 69.7





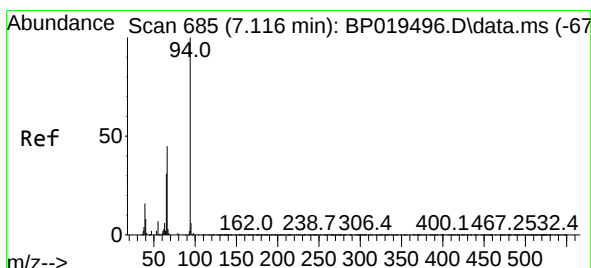
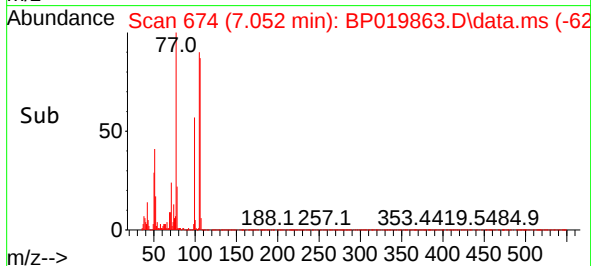
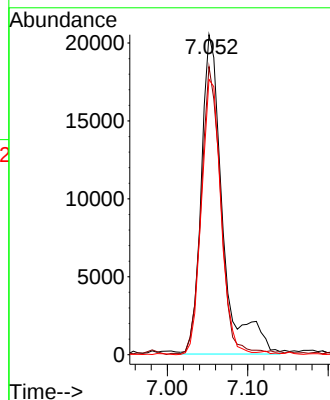
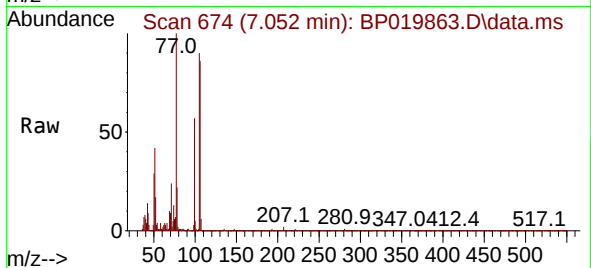
#9
Benzaldehyde
Concen: 7.810 ng m
RT: 7.052 min Scan# 61
Delta R.T. 0.000 min
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Tgt Ion: 77 Resp: 3801
Ion Ratio Lower Upper
77 100
105 90.0 74.0 114.0
106 86.0 67.8 107.8

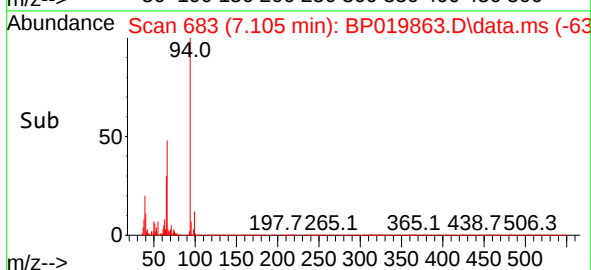
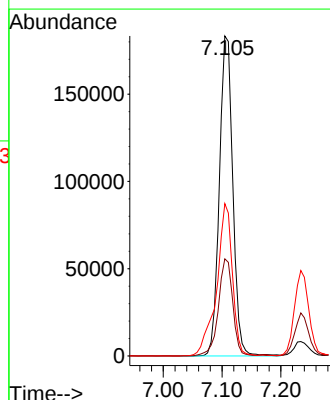
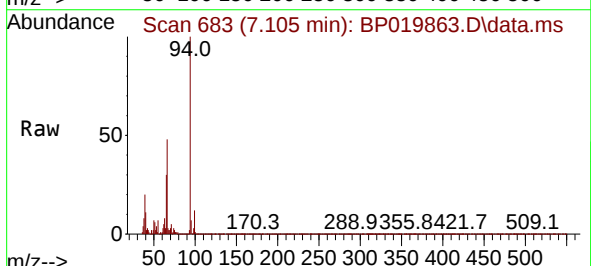
Manual Integrations
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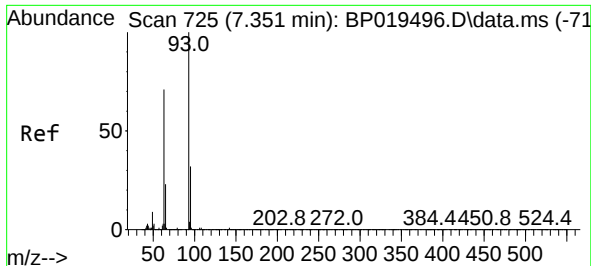
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#10
Phenol
Concen: 42.078 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

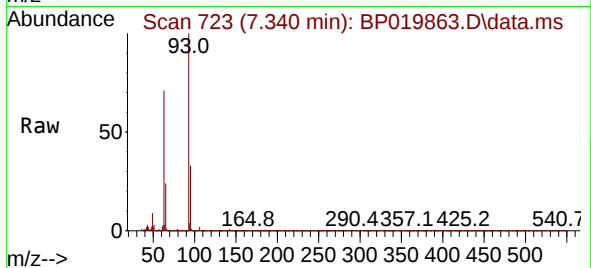
Tgt Ion: 94 Resp: 291173
Ion Ratio Lower Upper
94 100
65 30.3 11.3 51.3
66 47.6 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 41.160 ng
RT: 7.340 min Scan# 719
Delta R.T. 0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

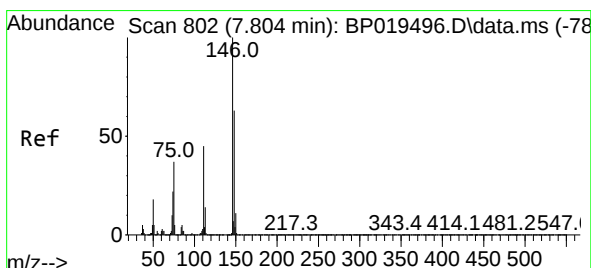
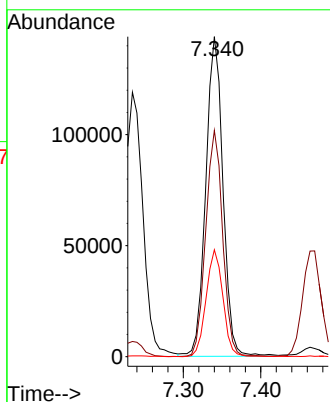
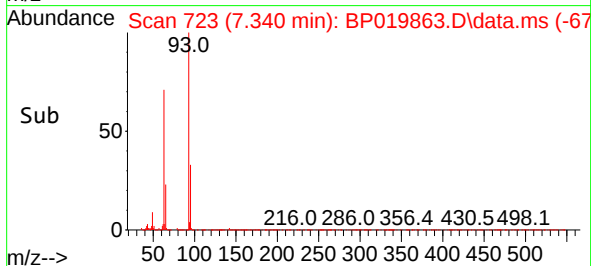
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



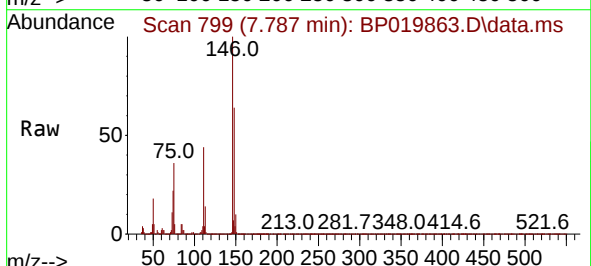
Tgt Ion: 93 Resp: 221589
Ion Ratio Lower Upper
93 100
63 70.7 51.2 91.2
95 33.4 11.8 51.8

Manual Integrations
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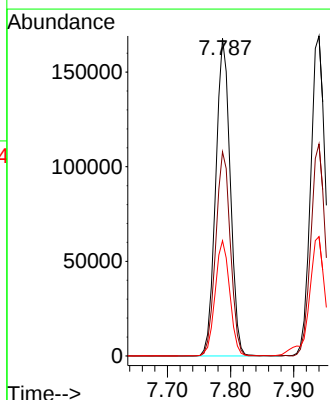
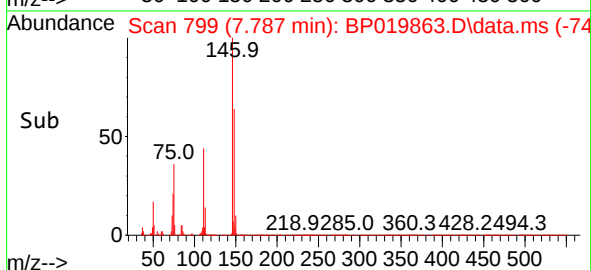
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

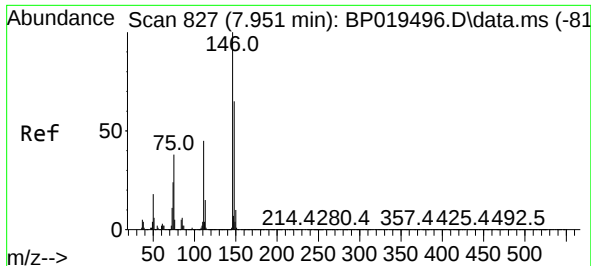


#12
1,3-Dichlorobenzene
Concen: 41.467 ng
RT: 7.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52



Tgt Ion:146 Resp: 268235
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
75 36.3 29.9 44.9





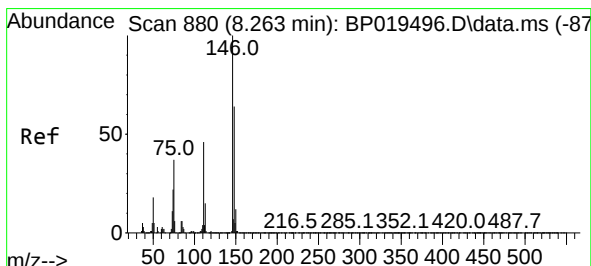
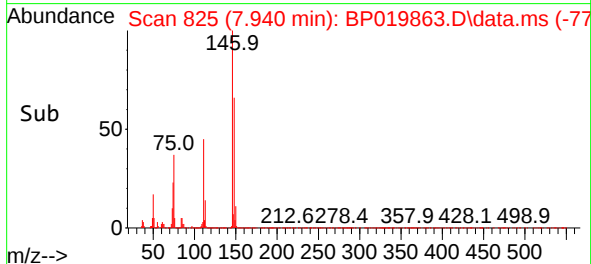
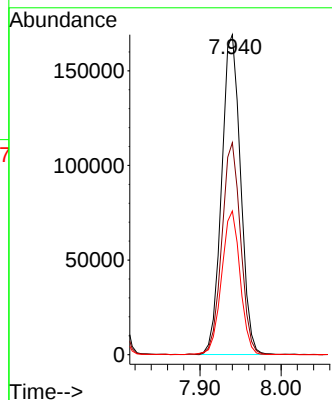
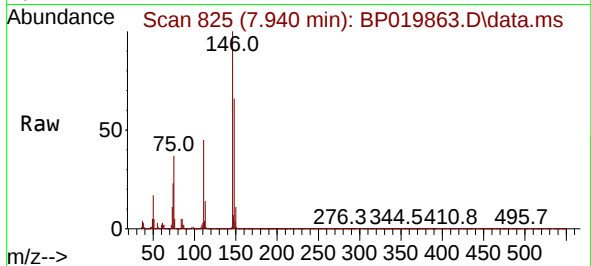
#13
1,4-Dichlorobenzene
Concen: 41.827 ng
RT: 7.940 min Scan# 811
Delta R.T. 0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS

Tgt Ion:146 Resp: 27411
Ion Ratio Lower Upper
146 100
148 66.3 51.9 77.9
111 44.9 35.8 53.6

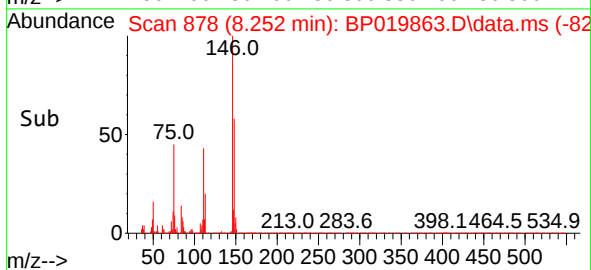
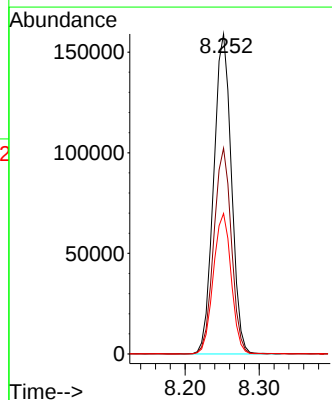
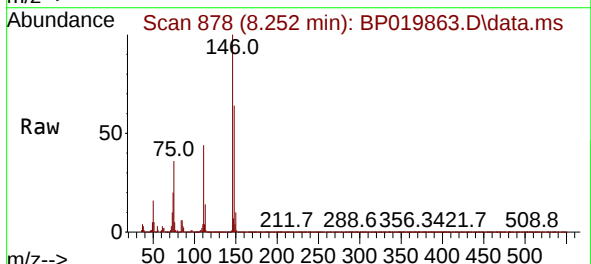
Manual Integrations
APPROVED

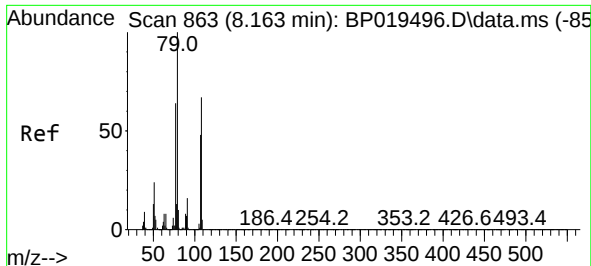
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#14
1,2-Dichlorobenzene
Concen: 41.639 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion:146 Resp: 264026
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 43.9 37.0 55.6





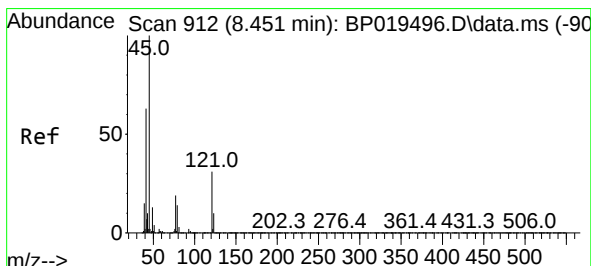
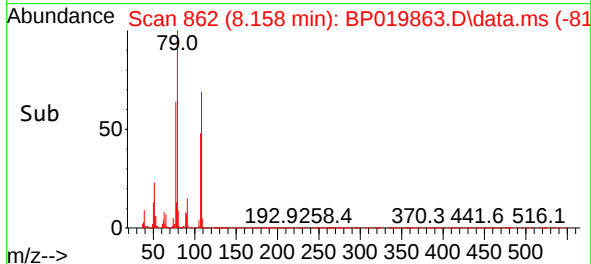
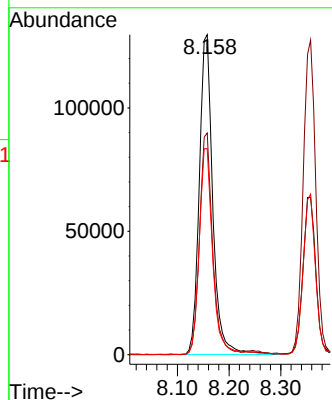
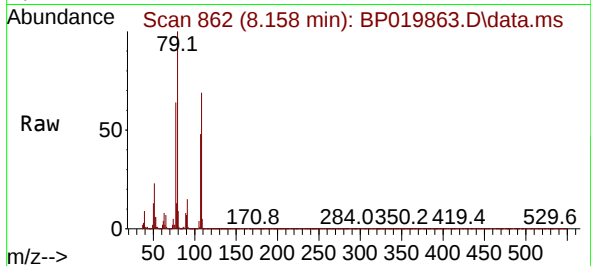
#15
Benzyl Alcohol
Concen: 42.394 ng
RT: 8.158 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS

Tgt Ion: 79 Resp: 23517
Ion Ratio Lower Upper
79 100
108 69.2 53.8 80.6
77 64.4 51.3 76.9

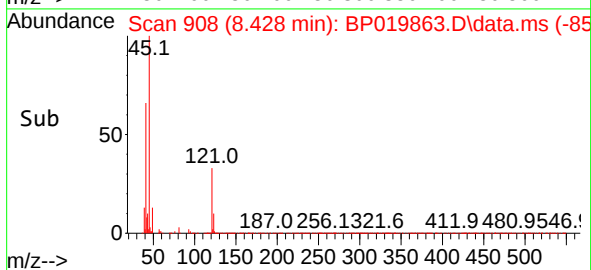
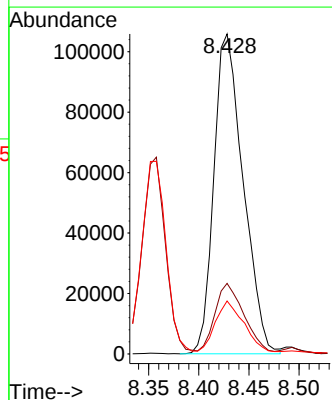
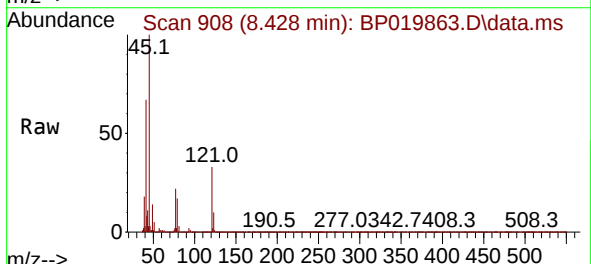
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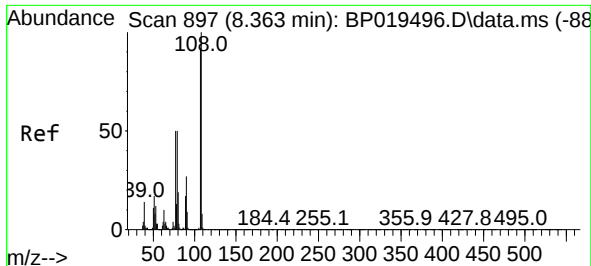
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.975 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion: 45 Resp: 215205
Ion Ratio Lower Upper
45 100
77 22.1 0.8 40.8
79 16.5 0.0 35.5





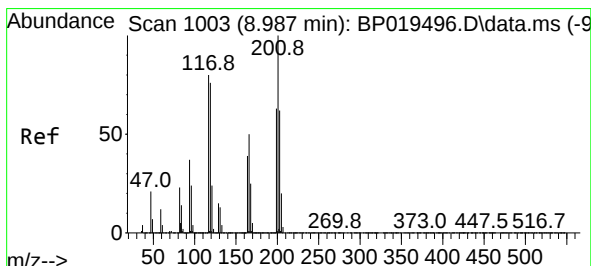
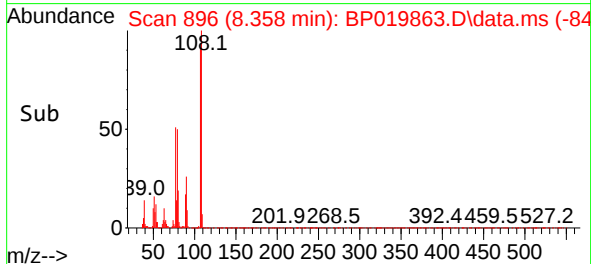
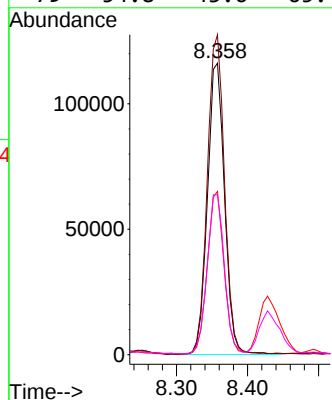
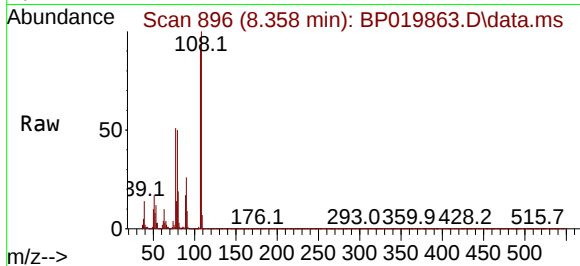
#17
2-Methylphenol
Concen: 41.770 ng
RT: 8.358 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS

Tgt Ion:	107	Resp:	19459
Ion Ratio	Lower	Upper	
107	100		
108	109.7	87.0	130.6
77	56.0	43.5	65.3
79	54.8	43.6	65.4

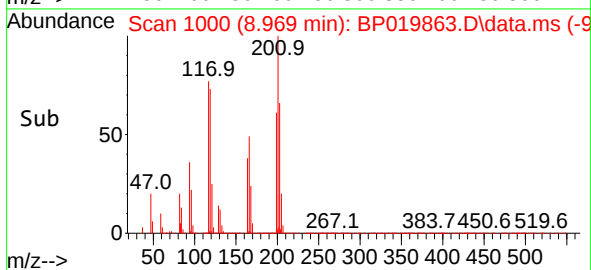
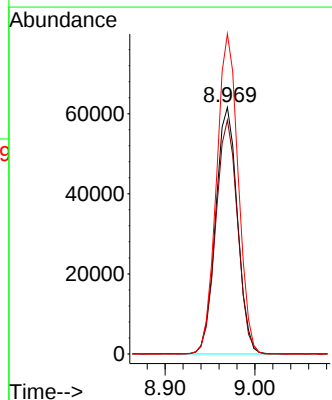
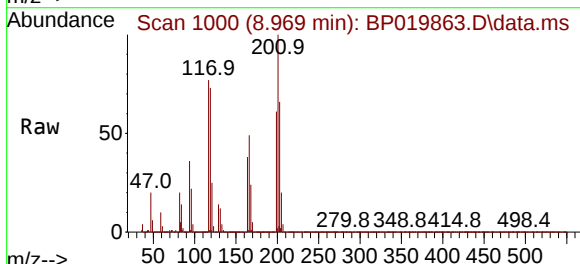
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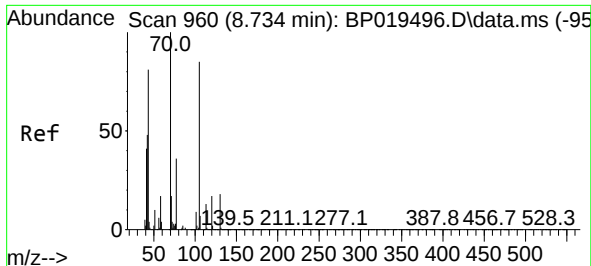
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#18
Hexachloroethane
Concen: 40.873 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion:	117	Resp:	103827
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.5	113.3
201	129.8	99.4	149.2





#19

n-Nitroso-di-n-propylamine

Concen: 39.049 ng

RT: 8.722 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP019863.D

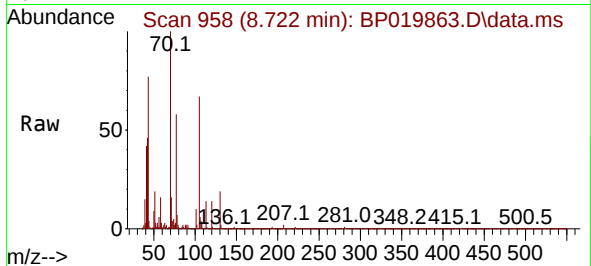
Acq: 24 Feb 2024 15:52

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MS



Tgt Ion: 70 Resp: 18518

Ion Ratio Lower Upper

70 100

42 45.9 39.2 58.8

101 10.0 7.3 10.9

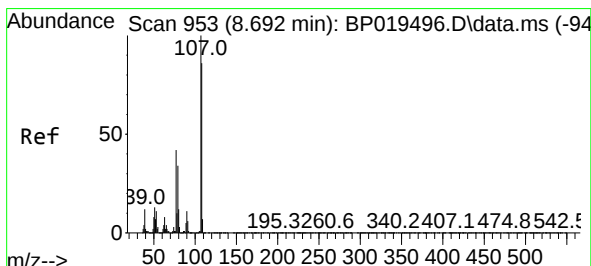
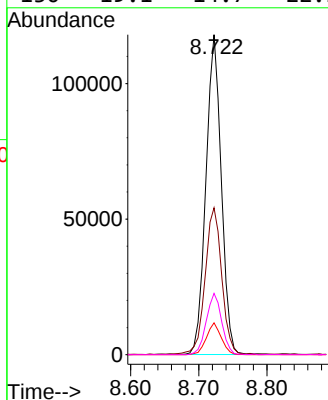
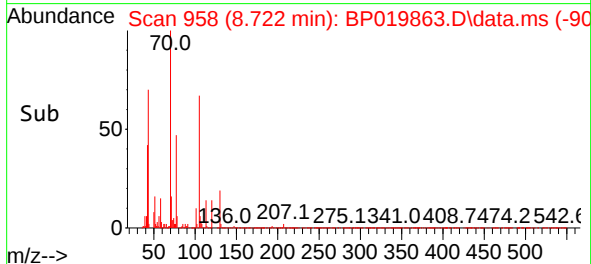
130 19.1 14.7 22.1

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Reviewed By :Jagrut Upadhyay 02/26/2024

Supervised By :mohammad ahmed 02/27/2024



#20

3+4-Methylphenols

Concen: 40.607 ng

RT: 8.687 min Scan# 952

Delta R.T. 0.006 min

Lab File: BP019863.D

Acq: 24 Feb 2024 15:52

Tgt Ion:107 Resp: 258180

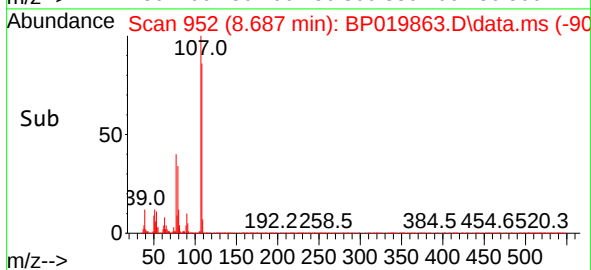
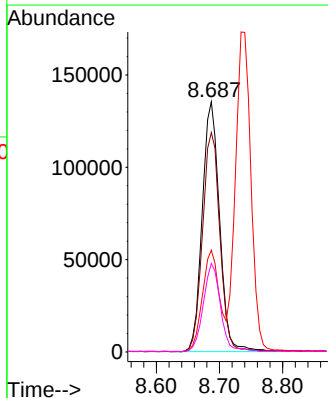
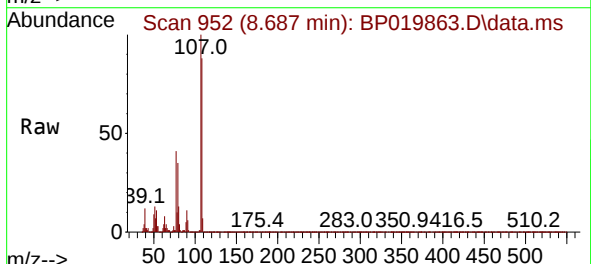
Ion Ratio Lower Upper

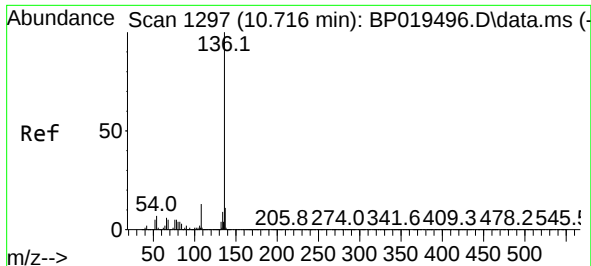
107 100

108 87.6 65.5 105.5

77 40.7 21.8 61.8

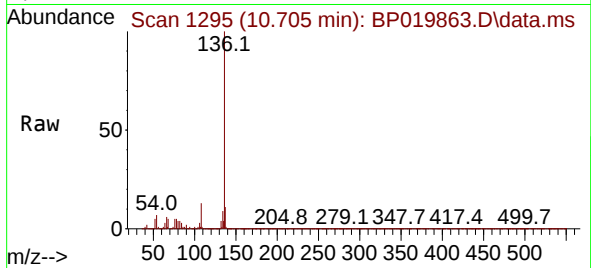
79 35.4 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

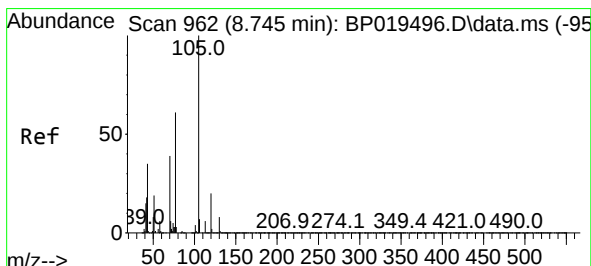
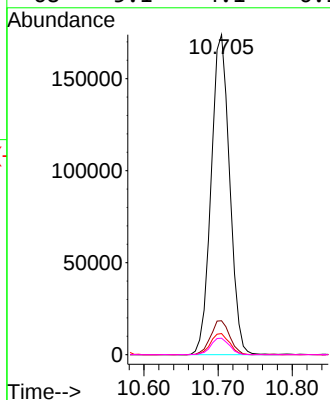
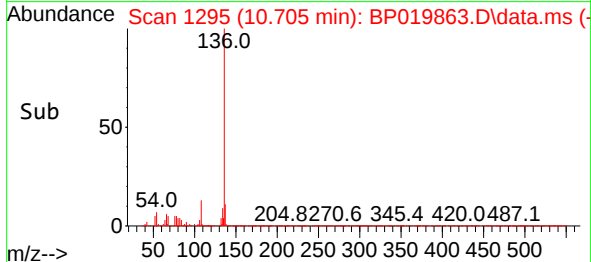
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:	136	Resp:	30104
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.8	13.2
54	6.6	5.3	7.9
68	5.1	4.1	6.1

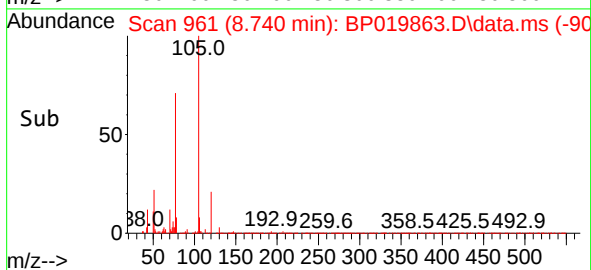
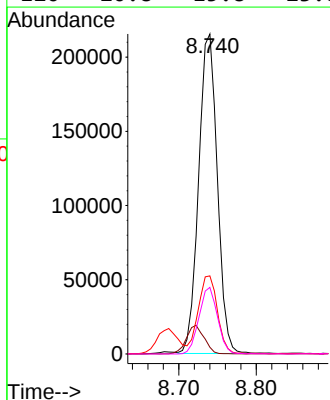
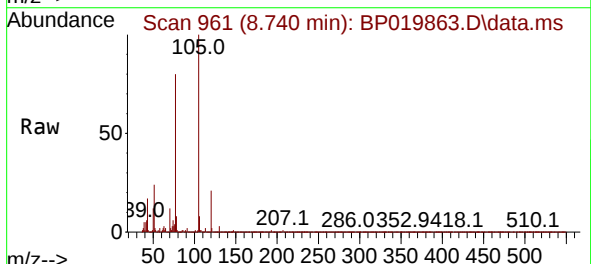
Manual Integrations
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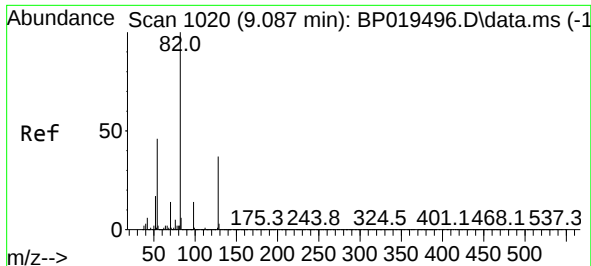
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#22
Acetophenone
Concen: 41.975 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

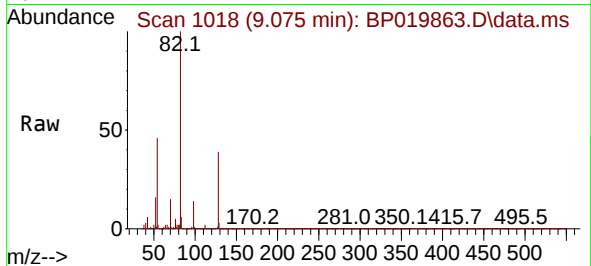
Tgt Ion:	105	Resp:	359997
Ion Ratio	Lower	Upper	
105	100		
71	2.1	4.9	7.3
51	24.4	20.7	31.1
120	20.8	15.8	23.8





#23
Nitrobenzene-d5
Concen: 50.043 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

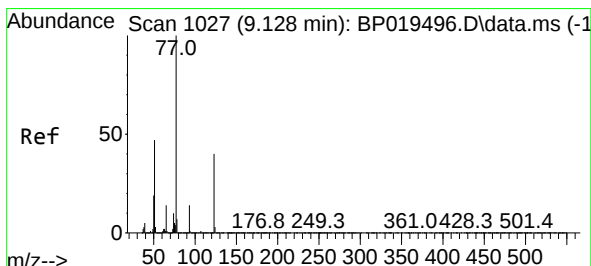
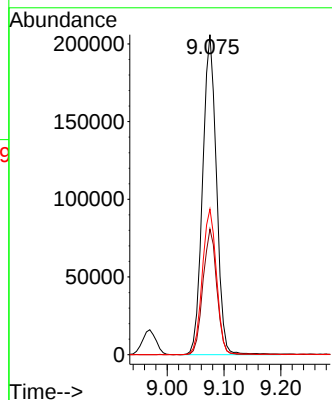
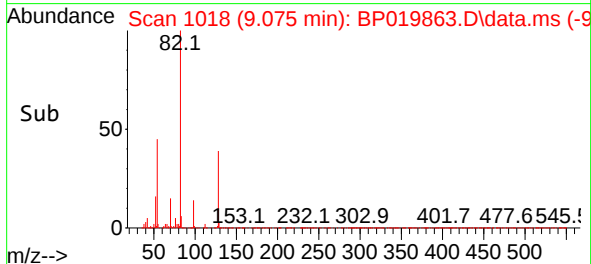
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion: 82 Resp: 347680
Ion Ratio Lower Upper
82 100
128 39.3 29.7 44.5
54 45.5 36.8 55.2

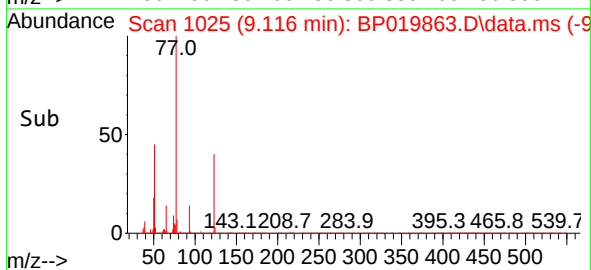
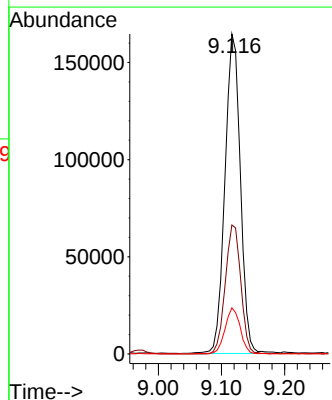
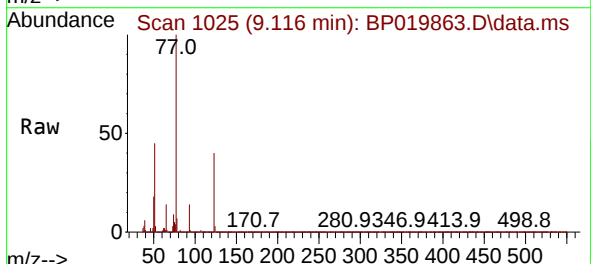
Manual Integrations
APPROVED

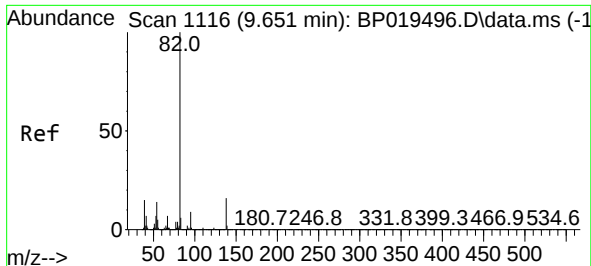
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#24
Nitrobenzene
Concen: 39.934 ng
RT: 9.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

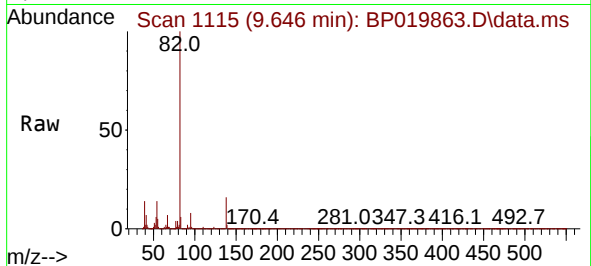
Tgt Ion: 77 Resp: 279343
Ion Ratio Lower Upper
77 100
123 40.3 32.3 48.5
65 14.4 11.6 17.4





#25
Isophorone
Concen: 41.059 ng
RT: 9.646 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

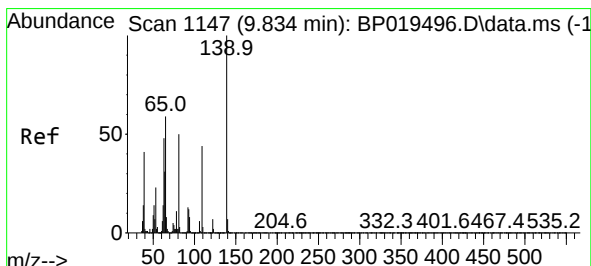
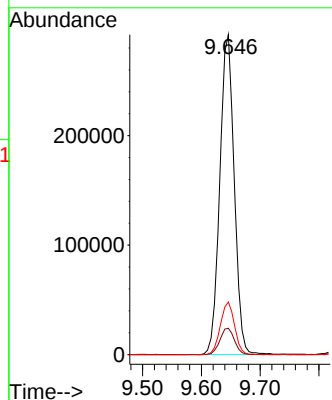
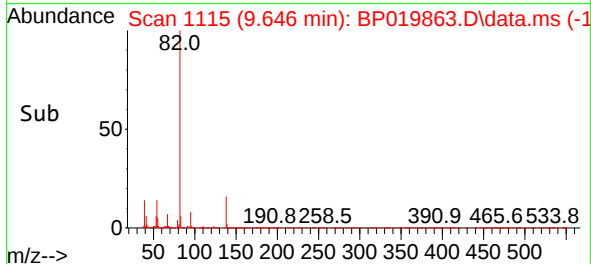
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



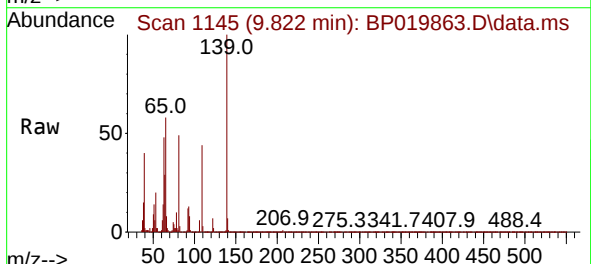
Tgt Ion: 82 Resp: 496792
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.4
138 16.5 13.1 19.7

Manual Integrations
APPROVED

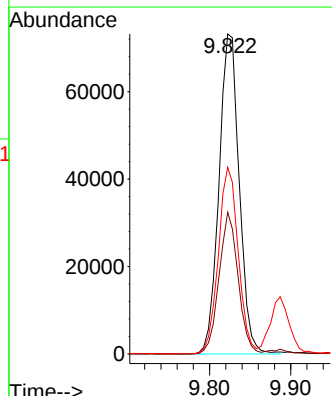
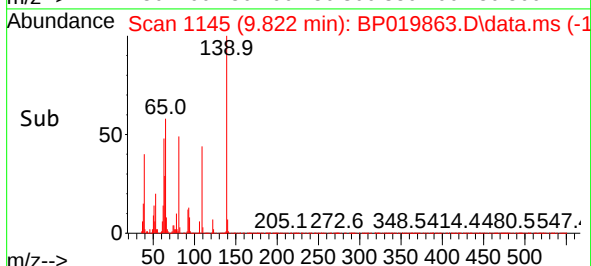
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

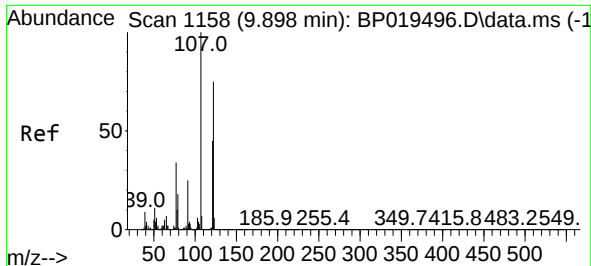


#26
2-Nitrophenol
Concen: 47.672 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52



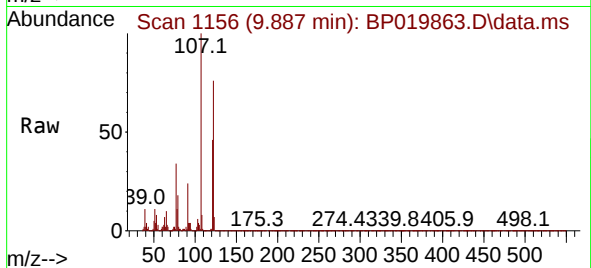
Tgt Ion:139 Resp: 127151
Ion Ratio Lower Upper
139 100
109 44.3 34.9 52.3
65 58.3 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 49.183 ng
RT: 9.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

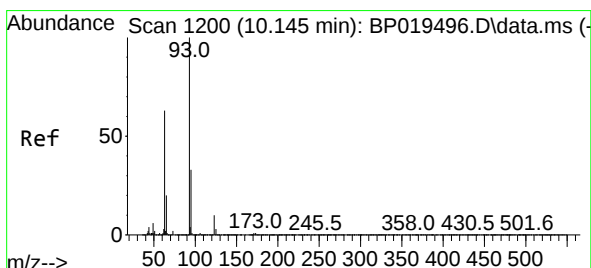
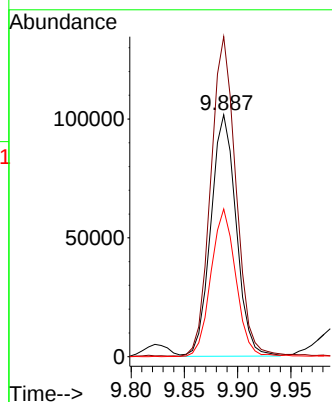
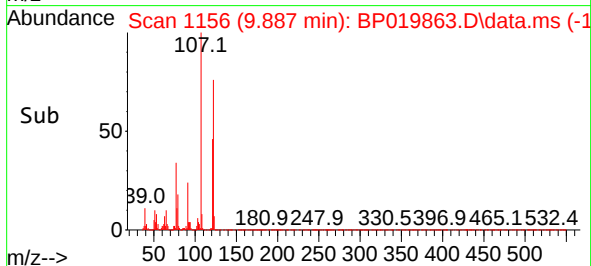
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



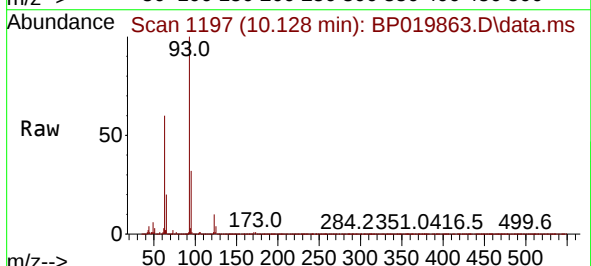
Tgt Ion:122 Resp: 16774
Ion Ratio Lower Upper
122 100
107 132.2 105.9 158.9
121 61.0 47.5 71.3

Manual Integrations
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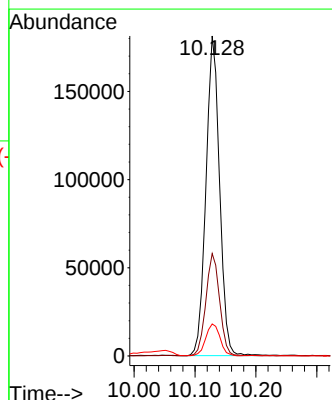
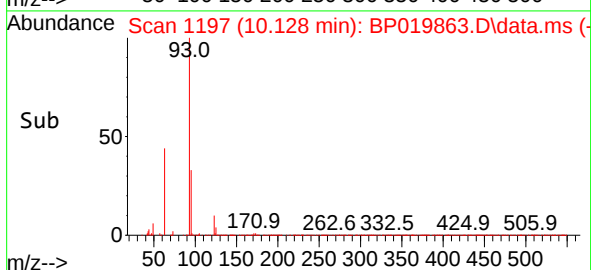
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

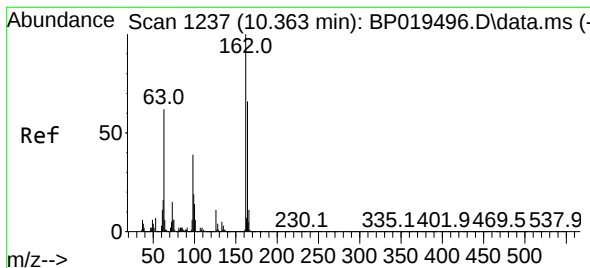


#28
bis(2-Chloroethoxy)methane
Concen: 41.176 ng
RT: 10.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52



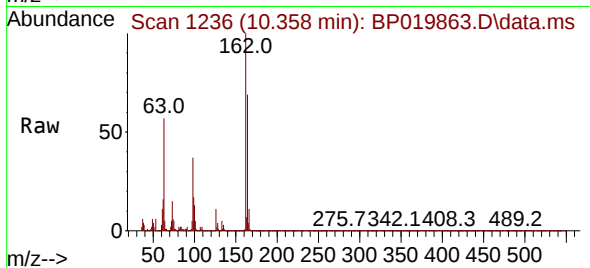
Tgt Ion: 93 Resp: 281882
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.4
123 10.0 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 44.745 ng
RT: 10.358 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

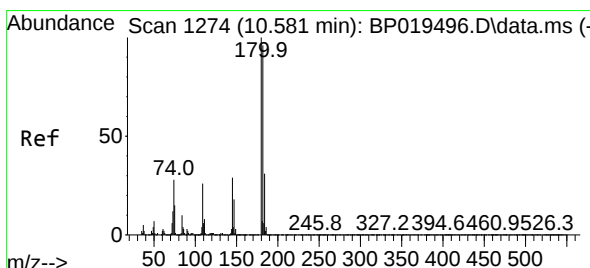
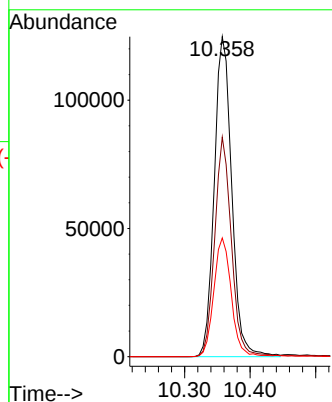
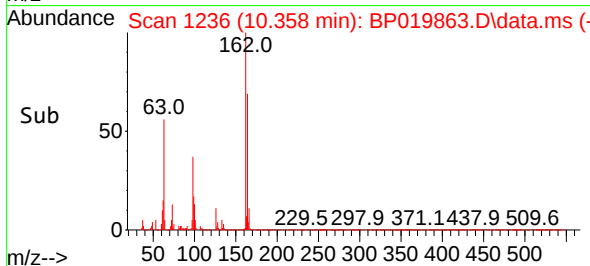
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:162 Resp: 230680
Ion Ratio Lower Upper
162 100
164 68.6 46.0 86.0
98 37.1 18.7 58.7

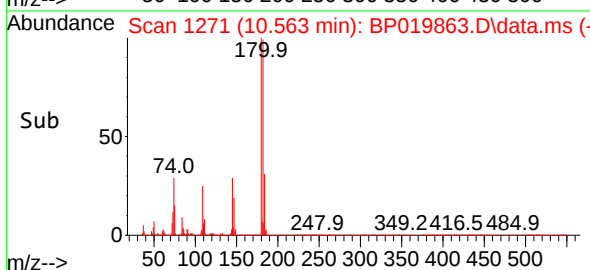
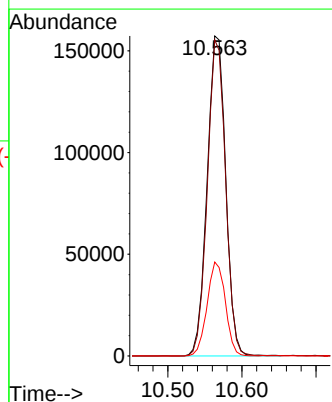
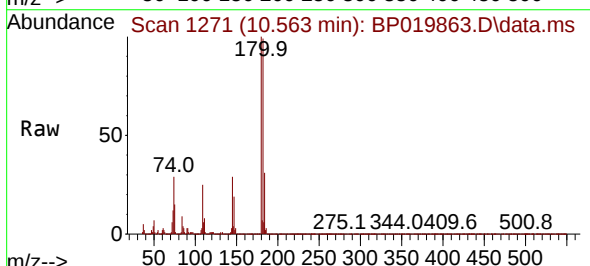
Manual Integrations
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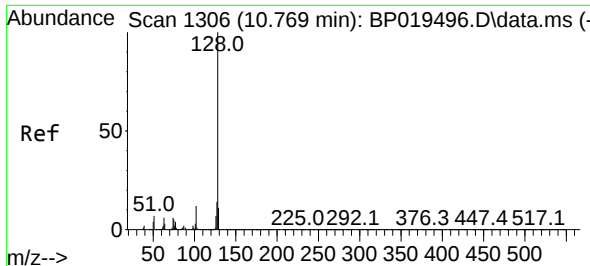
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.371 ng
RT: 10.563 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

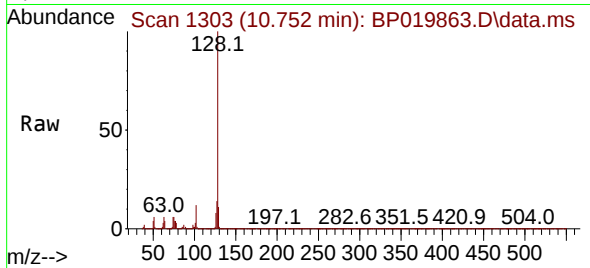
Tgt Ion:180 Resp: 274161
Ion Ratio Lower Upper
180 100
182 98.8 77.0 115.6
145 29.3 23.2 34.8





#31
Naphthalene
Concen: 41.649 ng
RT: 10.752 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

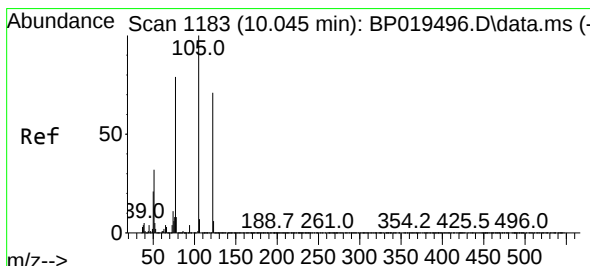
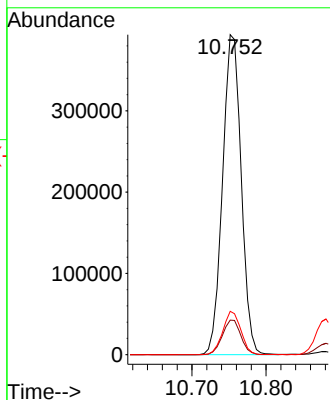
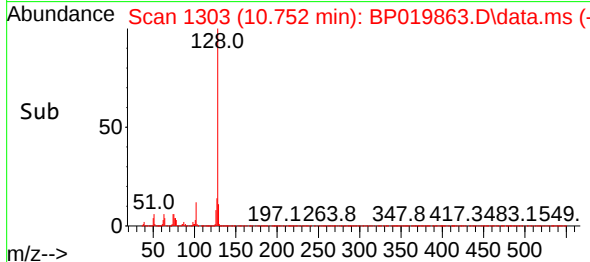
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:128 Resp: 68767
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.5 10.8 16.2

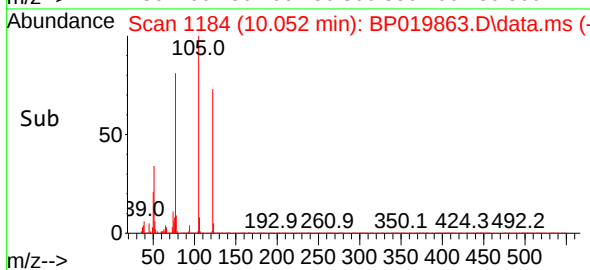
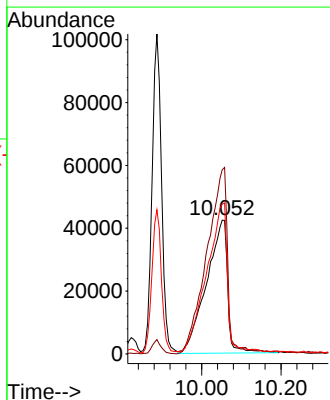
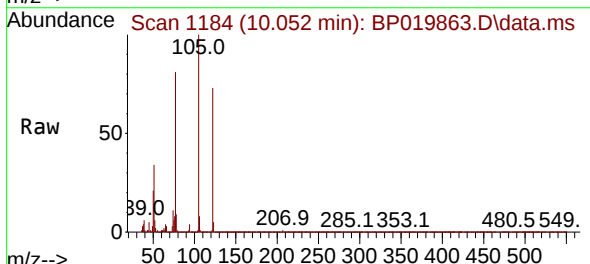
Manual Integrations
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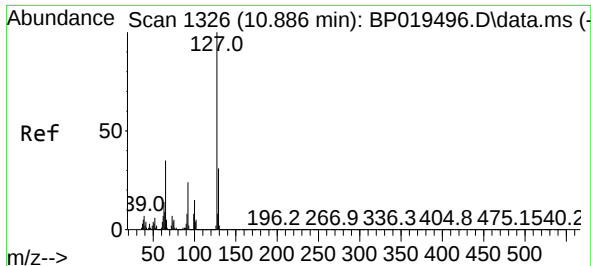
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#32
Benzoic acid
Concen: 47.272 ng
RT: 10.052 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

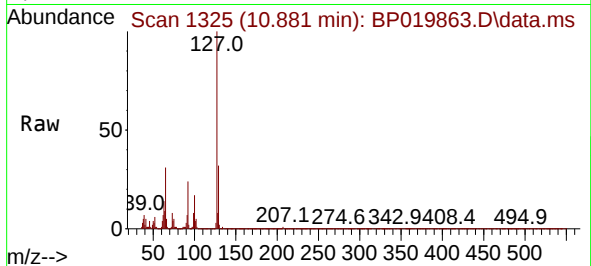
Tgt Ion:122 Resp: 157082
Ion Ratio Lower Upper
122 100
105 137.7 118.8 158.8
77 112.1 91.7 131.7





#33
4-Chloroaniline
Concen: 14.032 ng
RT: 10.881 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

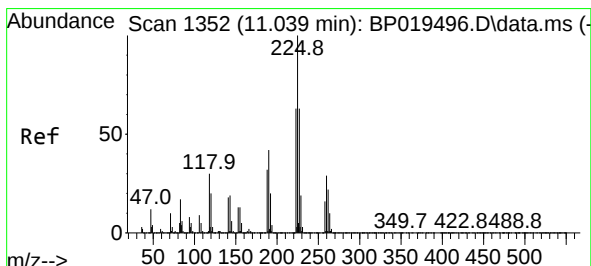
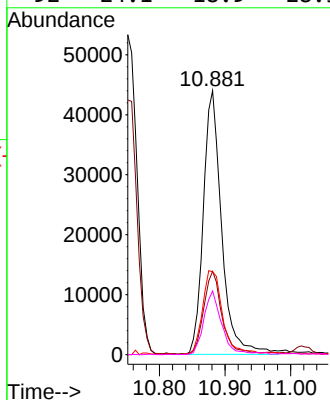
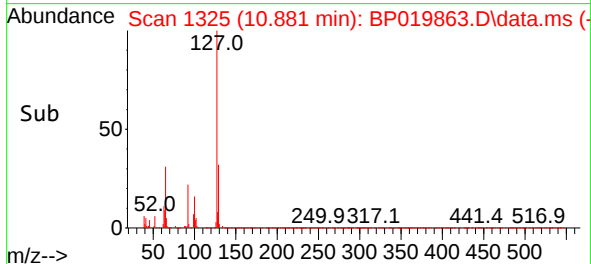
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.6	36.8
65	31.4	28.2	42.4
92	24.1	18.9	28.3

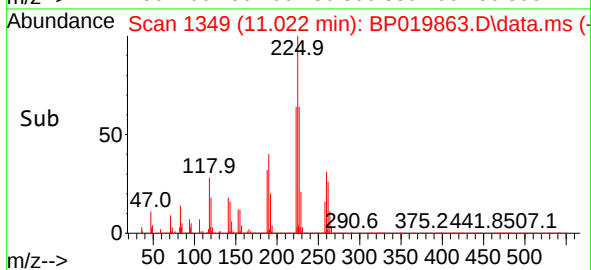
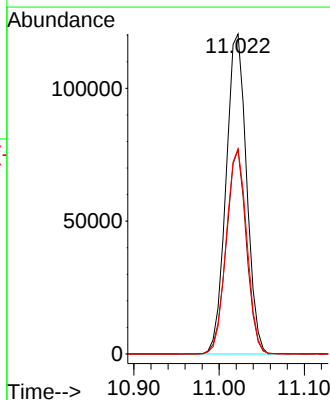
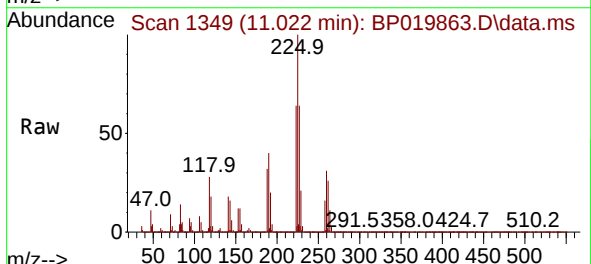
Manual Integrations
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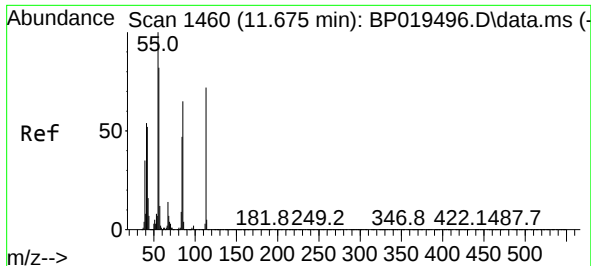
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#34
Hexachlorobutadiene
Concen: 42.910 ng
RT: 11.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

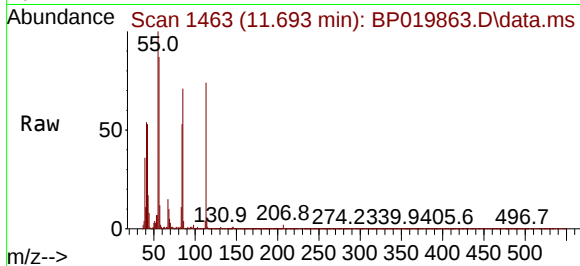
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.5	75.7
227	64.2	50.2	75.2





#35
Caprolactam
Concen: 48.806 ng
RT: 11.693 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

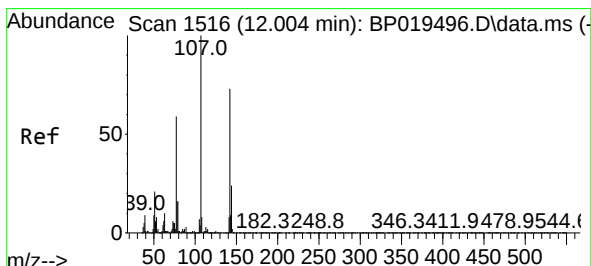
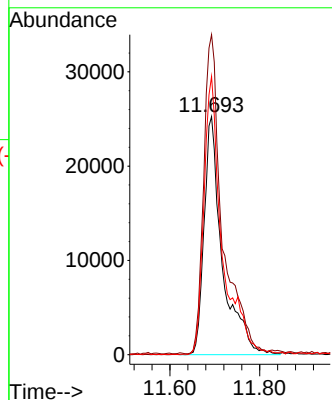
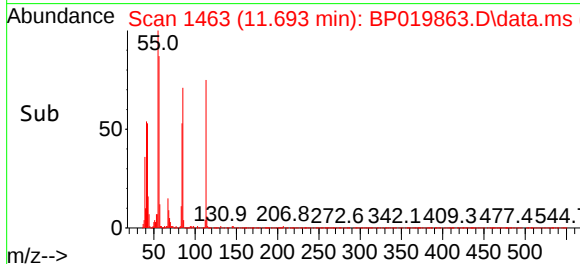
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



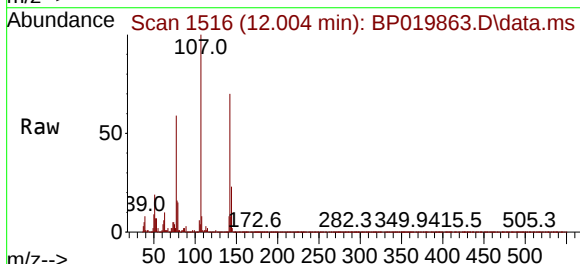
Tgt Ion:113 Resp: 7123
Ion Ratio Lower Upper
113 100
55 134.4 120.0 160.0
56 116.9 94.0 134.0

Manual Integrations
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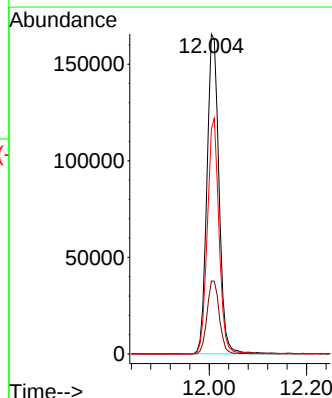
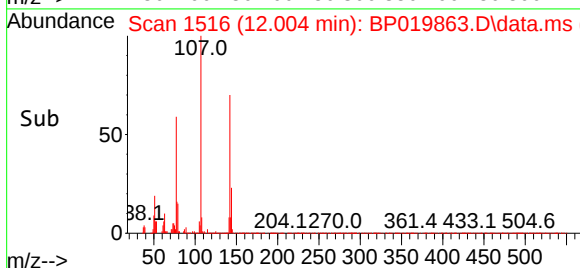
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

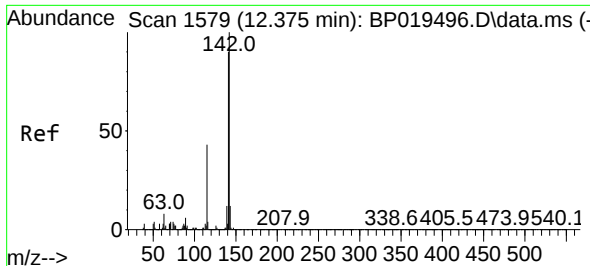


#36
4-Chloro-3-methylphenol
Concen: 50.198 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52



Tgt Ion:107 Resp: 282191
Ion Ratio Lower Upper
107 100
144 22.8 19.0 28.4
142 70.2 58.6 88.0





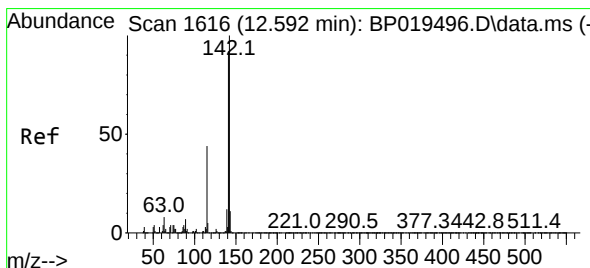
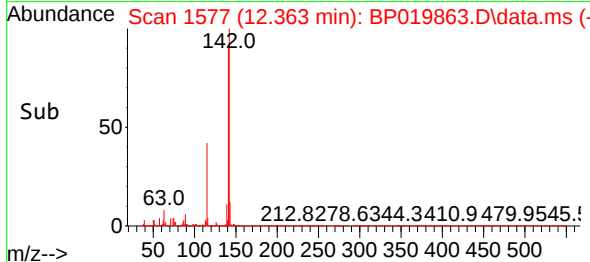
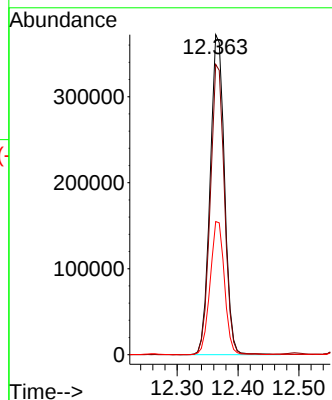
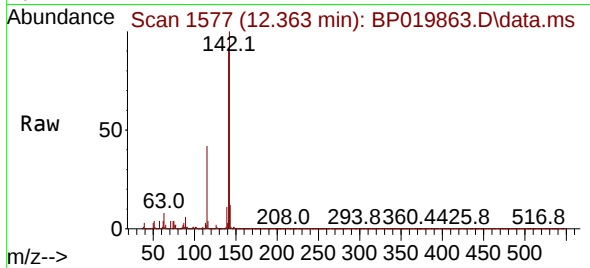
#37
2-Methylnaphthalene
Concen: 53.377 ng
RT: 12.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS

Tgt Ion:142 Resp: 609918
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.4
115 41.6 34.2 51.2

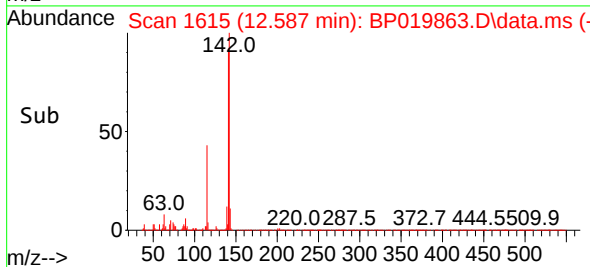
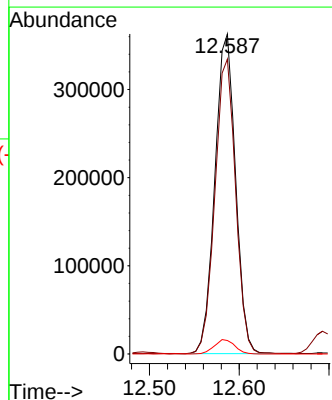
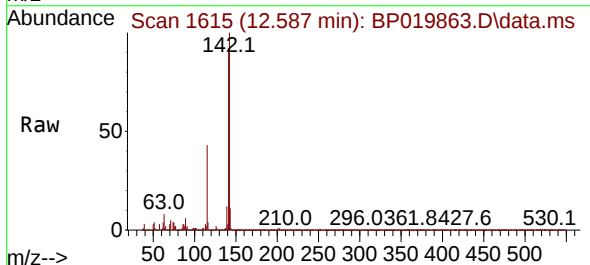
Manual Integrations
APPROVED

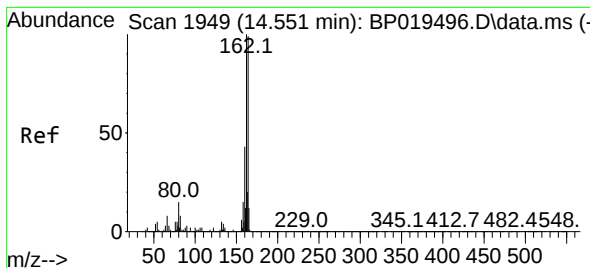
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#38
1-Methylnaphthalene
Concen: 51.625 ng
RT: 12.587 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion:142 Resp: 579693
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0
116 4.2 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP019863.D

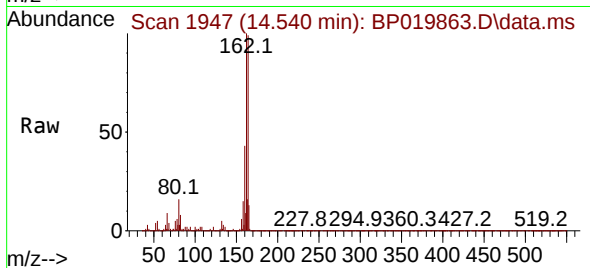
Acq: 24 Feb 2024 15:52

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MS



Tgt Ion:164 Resp: 200092

Ion Ratio Lower Upper

164 100

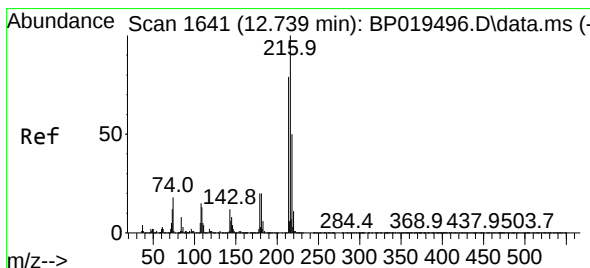
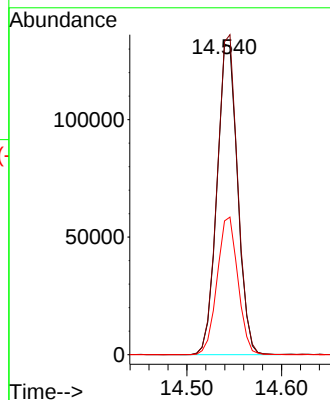
162 100.7 81.2 121.8

160 43.0 35.1 52.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.136 ng

RT: 12.728 min Scan# 1639

Delta R.T. 0.000 min

Lab File: BP019863.D

Acq: 24 Feb 2024 15:52

Tgt Ion:216 Resp: 356022

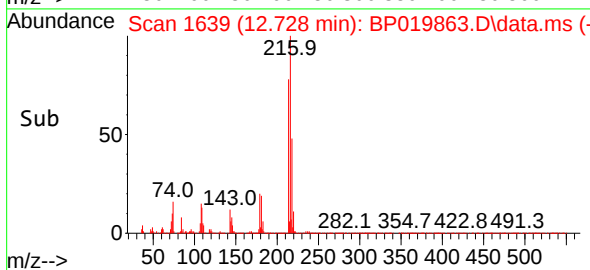
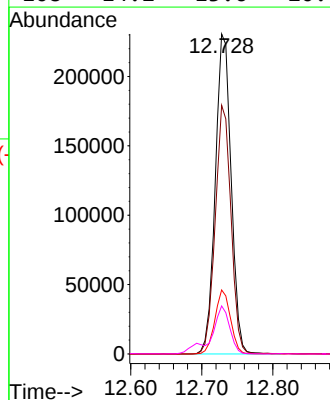
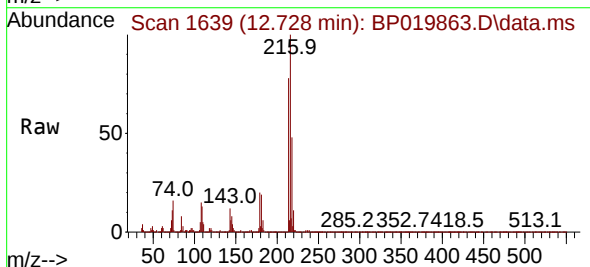
Ion Ratio Lower Upper

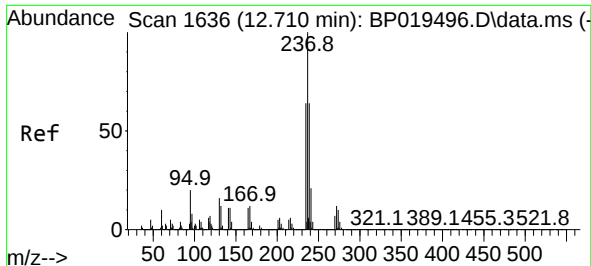
216 100

214 77.4 62.8 94.2

179 19.6 16.6 24.8

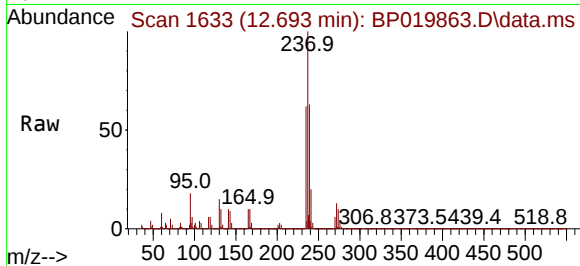
108 14.2 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 121.279 ng
RT: 12.693 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

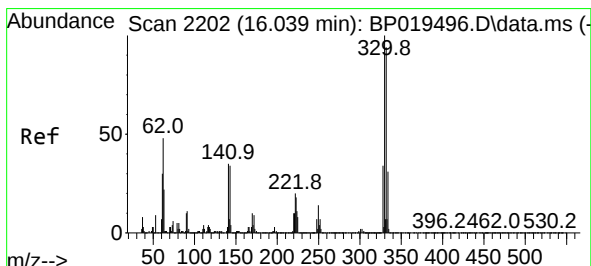
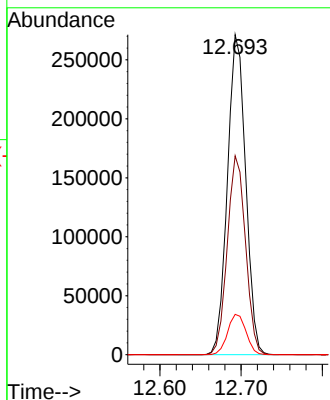
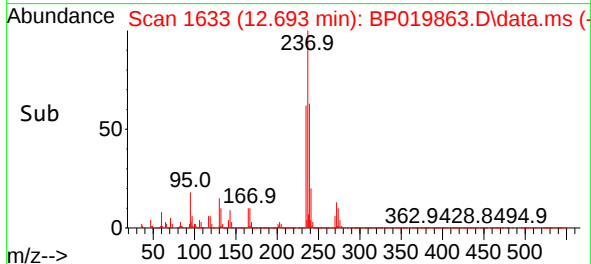
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion: 237 Resp: 422785
Ion Ratio Lower Upper
237 100
235 62.2 43.7 83.7
272 12.6 0.0 32.4

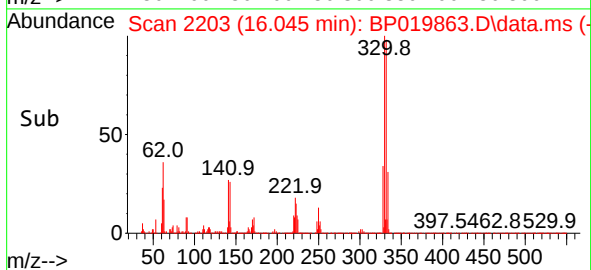
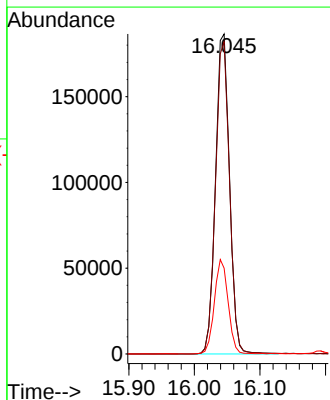
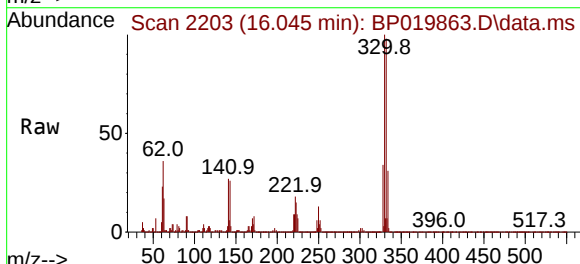
Manual Integrations
APPROVED

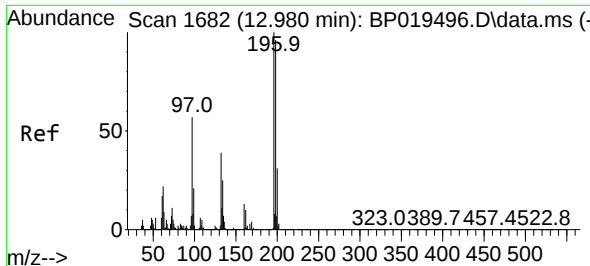
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#42
2,4,6-Tribromophenol
Concen: 94.377 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

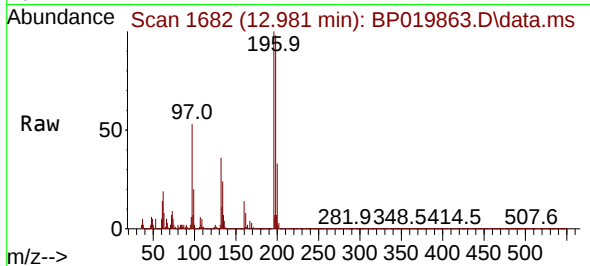
Tgt Ion: 330 Resp: 275722
Ion Ratio Lower Upper
330 100
332 97.6 77.2 115.8
141 28.9 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 45.050 ng
RT: 12.981 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

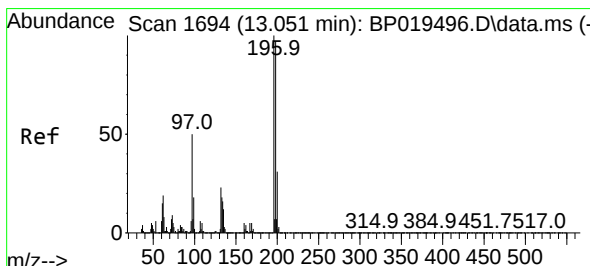
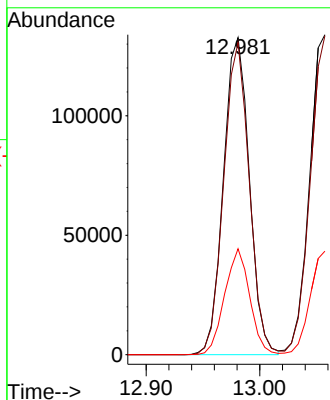
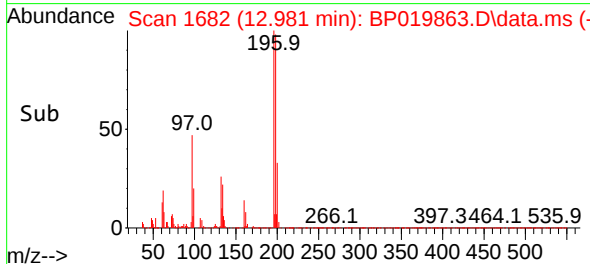
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:196 Resp: 210508
Ion Ratio Lower Upper
196 100
198 98.5 76.7 115.1
200 33.4 24.6 36.8

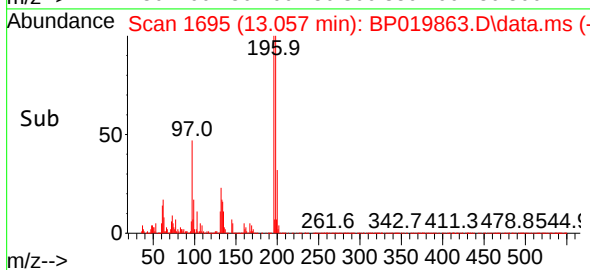
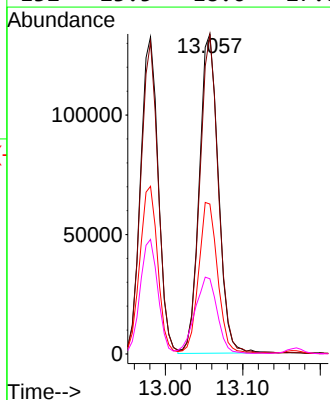
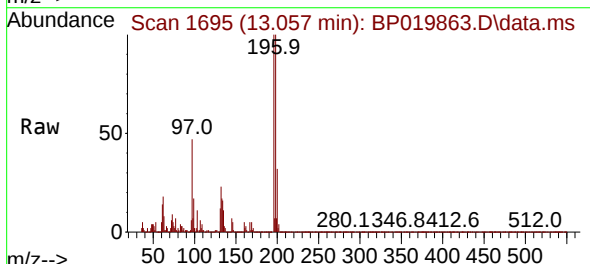
Manual Integrations
APPROVED

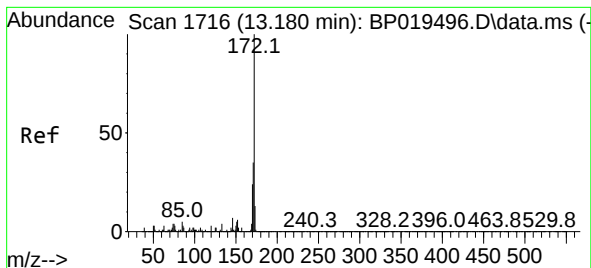
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#44
2,4,5-Trichlorophenol
Concen: 44.349 ng
RT: 13.057 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion:196 Resp: 227557
Ion Ratio Lower Upper
196 100
198 99.7 77.5 116.3
97 46.9 39.9 59.9
132 23.5 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 50.299 ng

RT: 13.169 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP019863.D

Acq: 24 Feb 2024 15:52

Instrument :

BNA_P

ClientSampleId :

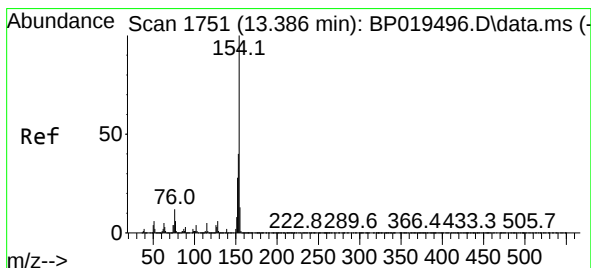
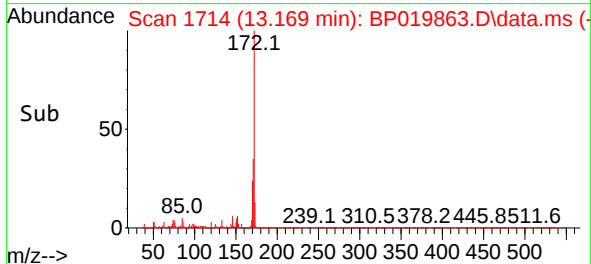
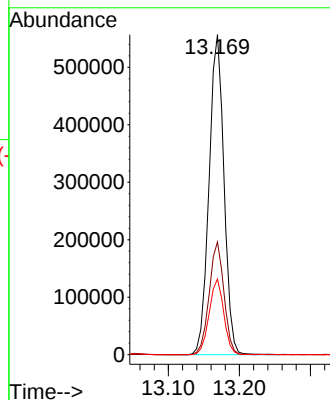
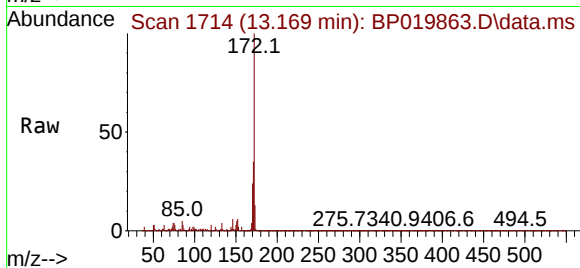
LKWD-BACKFILL-10MS

Tgt Ion:	172	Resp:	814129
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.2	42.4
170	23.6	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#46

1,1'-Biphenyl

Concen: 41.075 ng

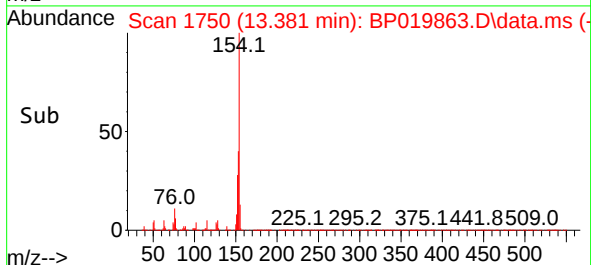
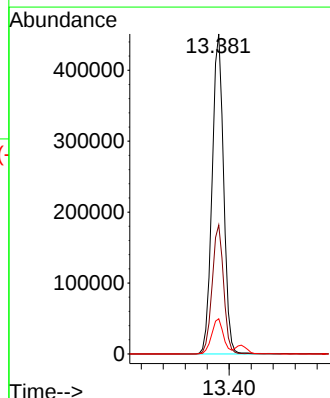
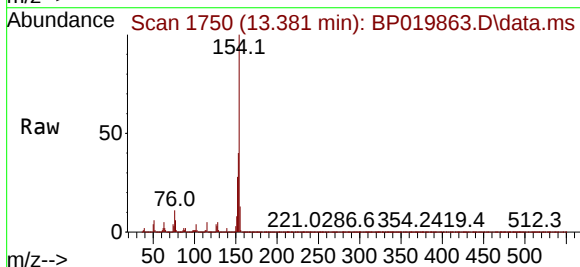
RT: 13.381 min Scan# 1750

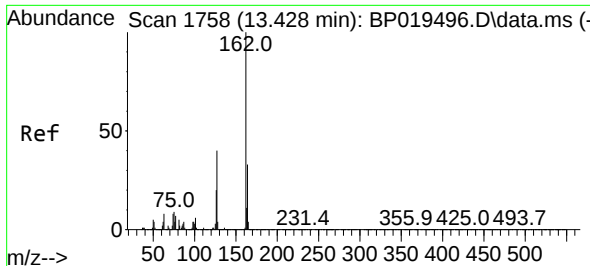
Delta R.T. 0.000 min

Lab File: BP019863.D

Acq: 24 Feb 2024 15:52

Tgt Ion:	154	Resp:	655969
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.2	60.2
76	11.0	0.0	31.6





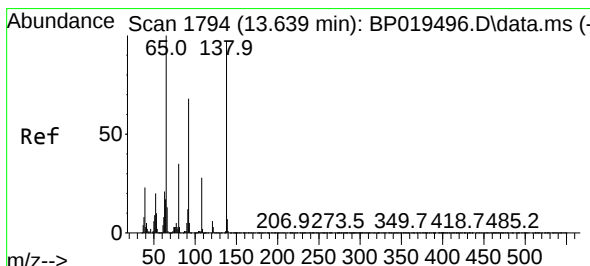
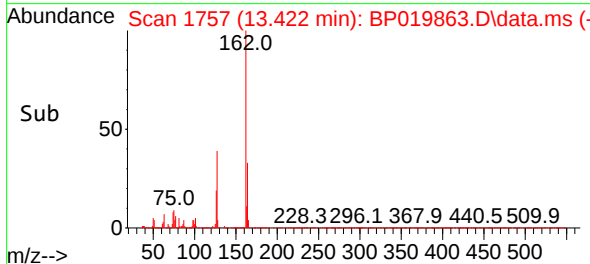
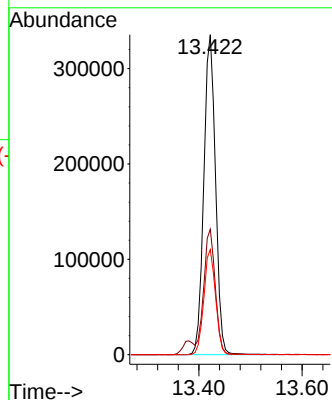
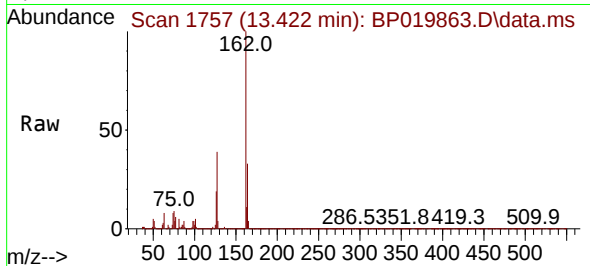
#47
2-Chloronaphthalene
Concen: 40.205 ng
RT: 13.422 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS

Tgt Ion:162 Resp: 527079
Ion Ratio Lower Upper
162 100
127 39.2 32.1 48.1
164 32.9 26.7 40.1

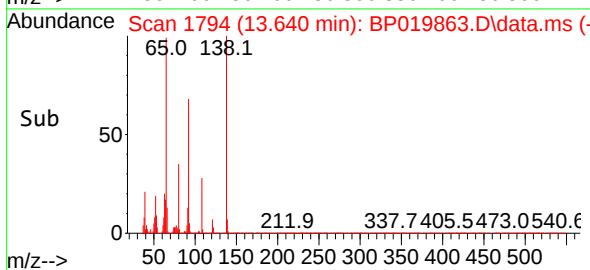
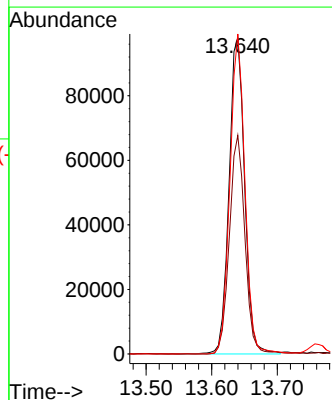
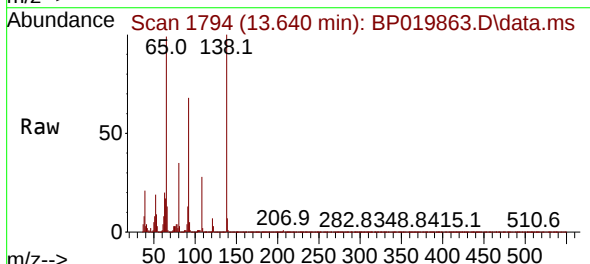
Manual Integrations
APPROVED

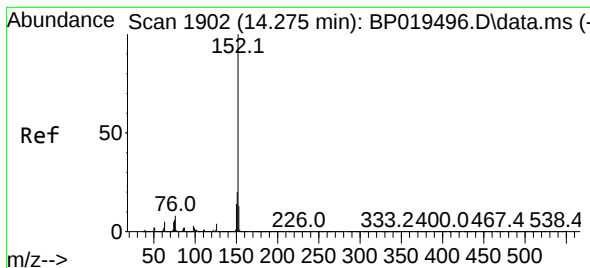
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#48
2-Nitroaniline
Concen: 44.030 ng
RT: 13.640 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion: 65 Resp: 161399
Ion Ratio Lower Upper
65 100
92 69.1 54.7 82.1
138 101.1 77.8 116.6





#49

Acenaphthylene

Concen: 45.239 ng

RT: 14.269 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP019863.D

Acq: 24 Feb 2024 15:52

Instrument :

BNA_P

ClientSampleId :

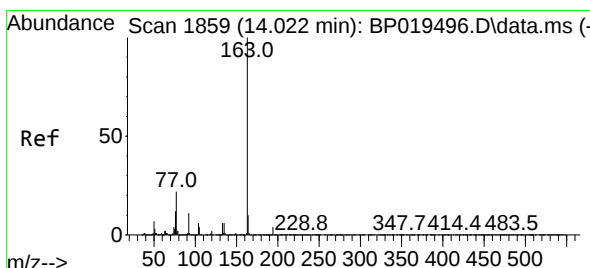
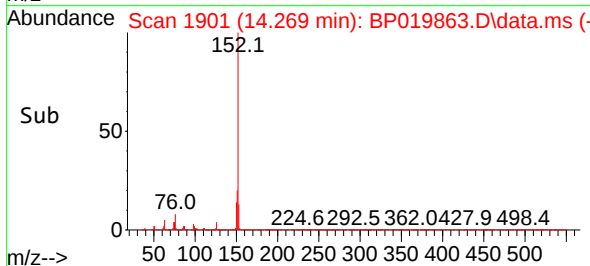
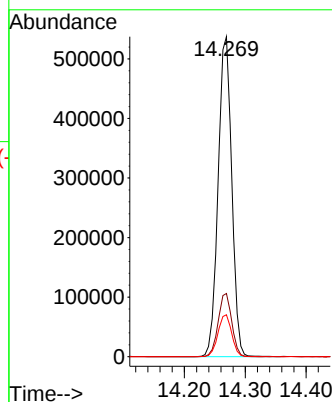
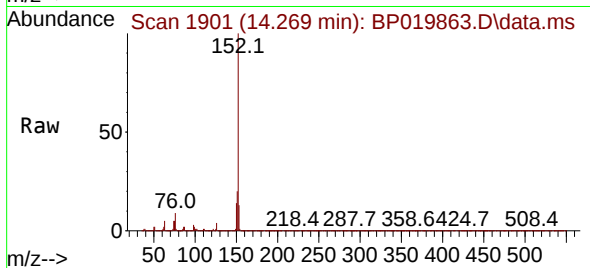
LKWD-BACKFILL-10MS

Tgt Ion:152 Resp: 832050
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.8 23.6
 153 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024



#50

Dimethylphthalate

Concen: 42.867 ng

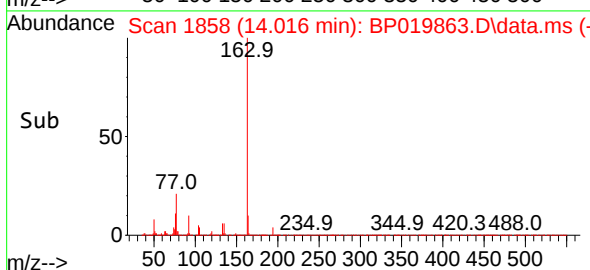
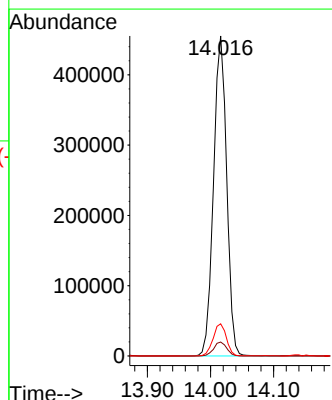
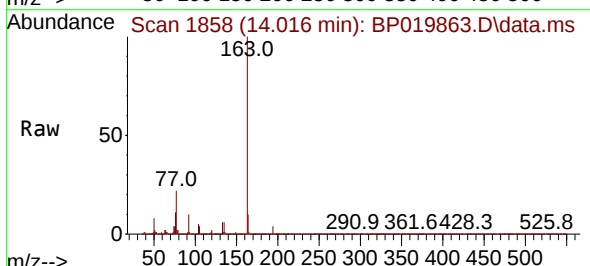
RT: 14.016 min Scan# 1858

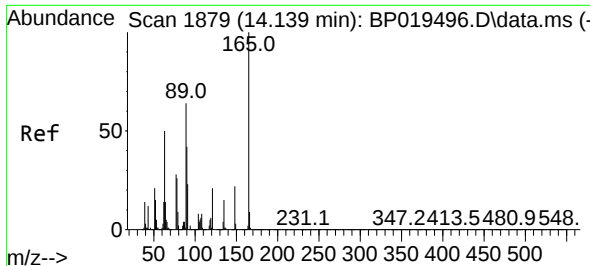
Delta R.T. 0.000 min

Lab File: BP019863.D

Acq: 24 Feb 2024 15:52

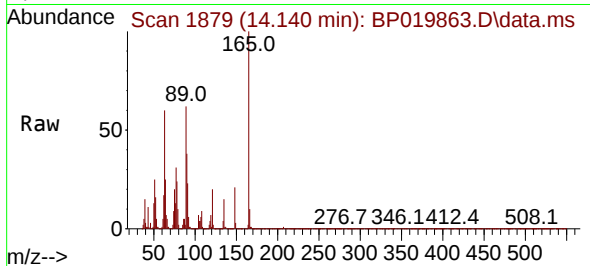
Tgt Ion:163 Resp: 656615
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.4 5.2
 164 10.0 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 42.511 ng
RT: 14.140 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

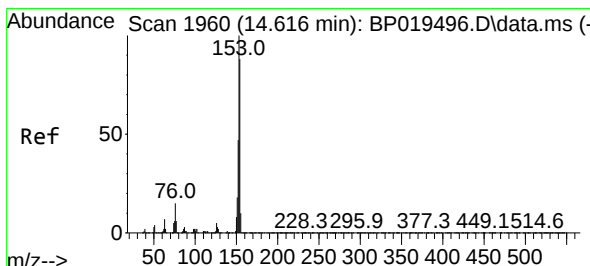
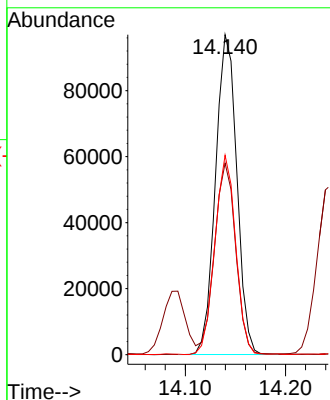
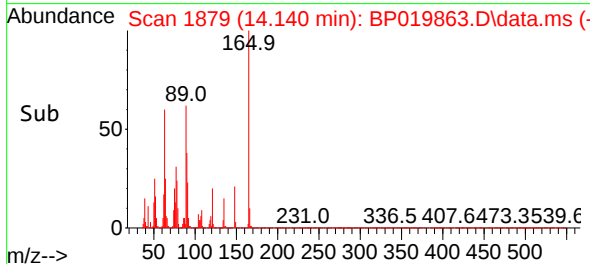
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:165 Resp: 14306
Ion Ratio Lower Upper
165 100
63 59.8 50.4 75.6
89 62.3 51.7 77.5

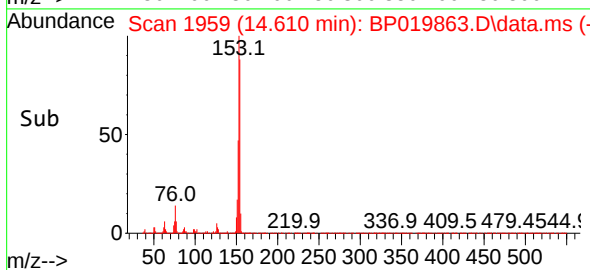
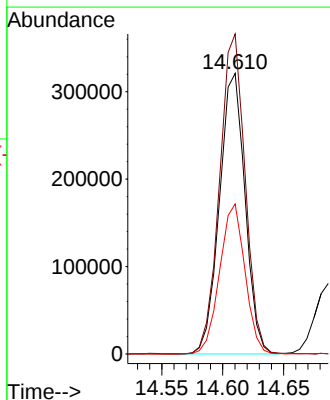
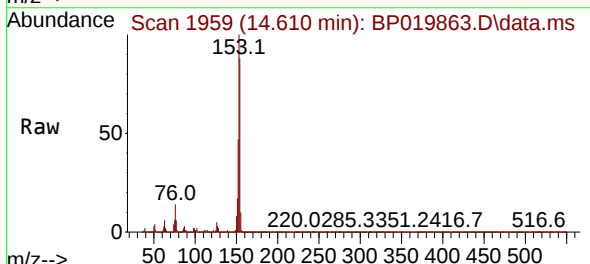
Manual Integrations
APPROVED

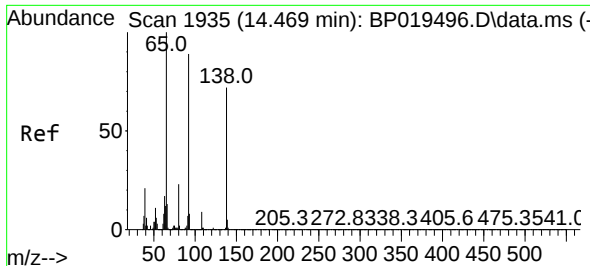
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#52
Acenaphthene
Concen: 41.097 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion:154 Resp: 469128
Ion Ratio Lower Upper
154 100
153 114.0 90.5 135.7
152 53.5 42.1 63.1





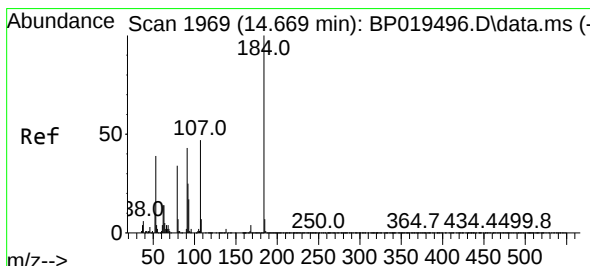
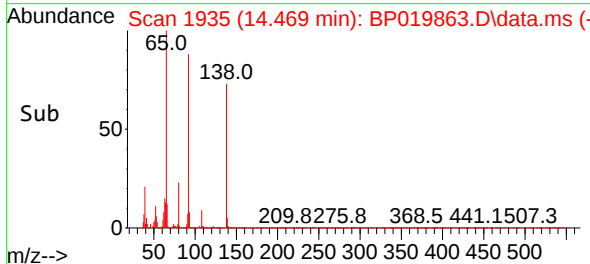
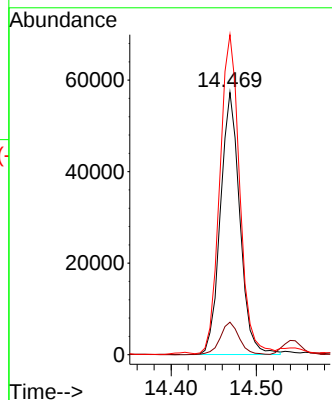
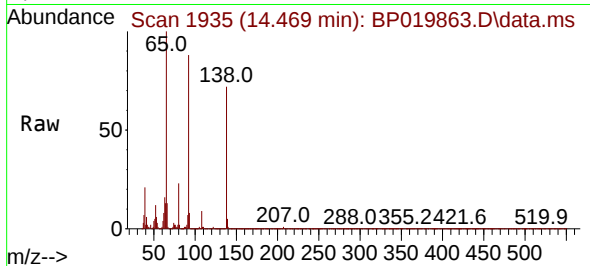
#53
3-Nitroaniline
Concen: 29.299 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS

Tgt Ion:138 Resp: 9061
Ion Ratio Lower Upper
138 100
108 12.4 9.7 14.5
92 122.0 98.0 147.0

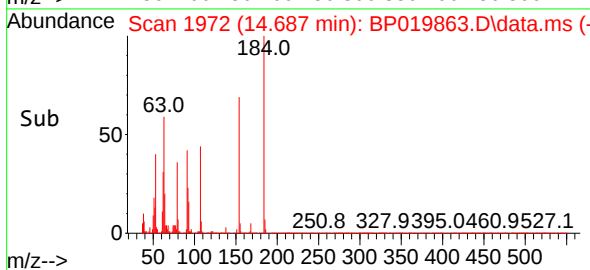
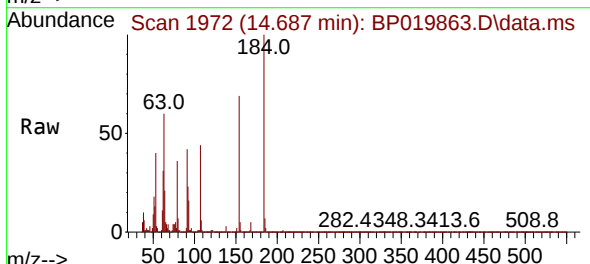
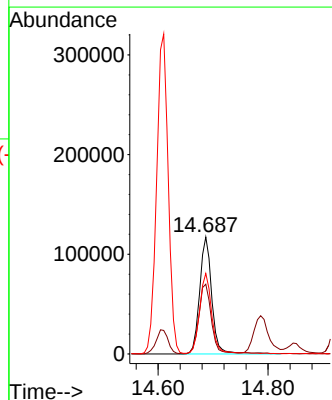
Manual Integrations
APPROVED

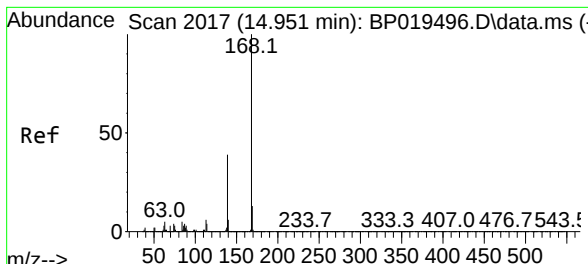
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#54
2,4-Dinitrophenol
Concen: 103.187 ng
RT: 14.687 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

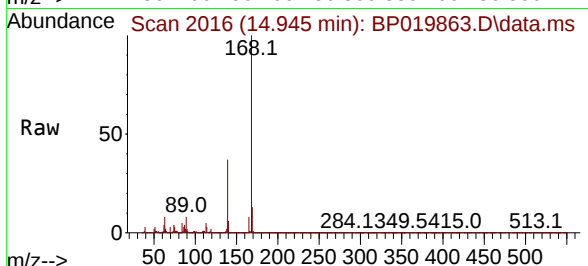
Tgt Ion:184 Resp: 180303
Ion Ratio Lower Upper
184 100
63 59.7 50.5 75.7
154 68.9 53.4 80.0





#55
Dibenzofuran
Concen: 42.936 ng
RT: 14.945 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

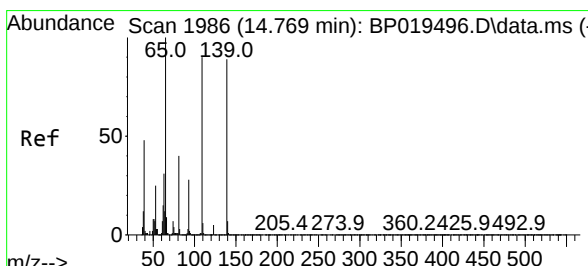
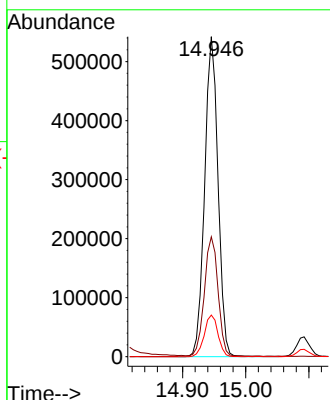
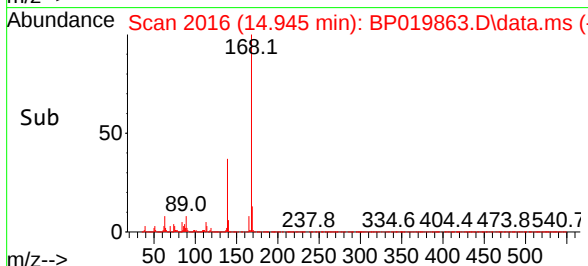
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:168 Resp: 798260
Ion Ratio Lower Upper
168 100
139 37.4 31.5 47.3
169 13.0 10.3 15.5

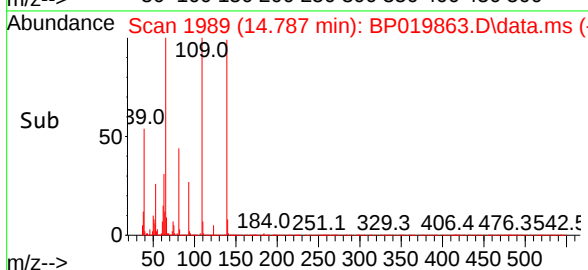
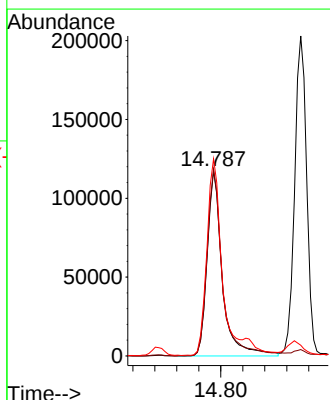
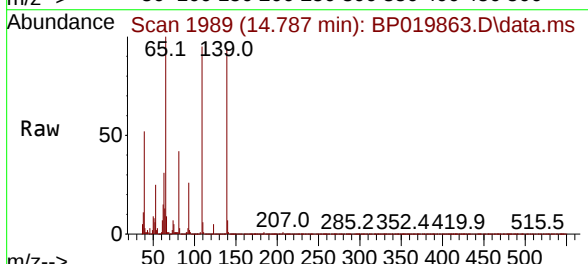
Manual Integrations
APPROVED

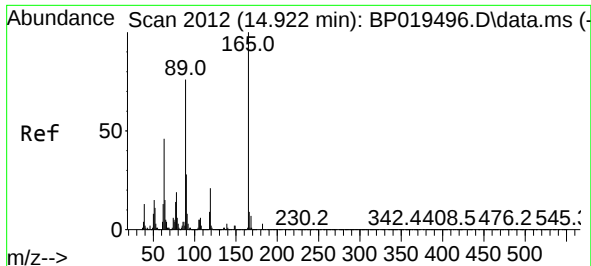
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#56
4-Nitrophenol
Concen: 88.830 ng
RT: 14.787 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

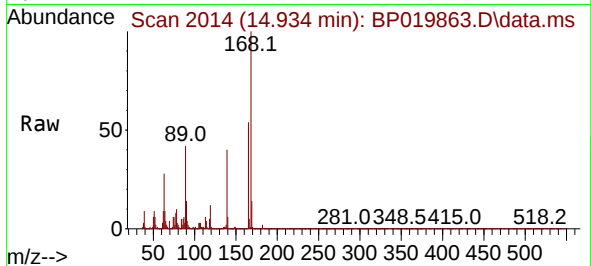
Tgt Ion:139 Resp: 225181
Ion Ratio Lower Upper
139 100
109 100.9 82.0 122.0
65 106.4 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 46.632 ng
RT: 14.934 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

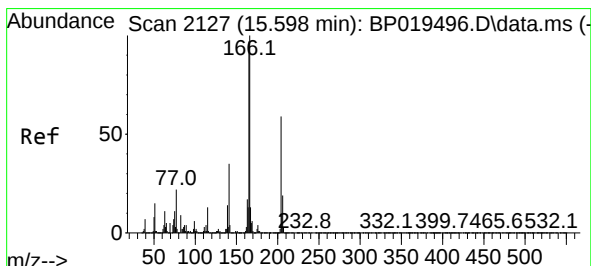
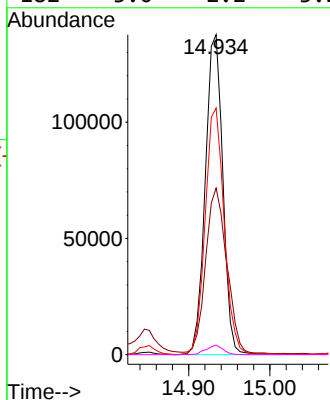
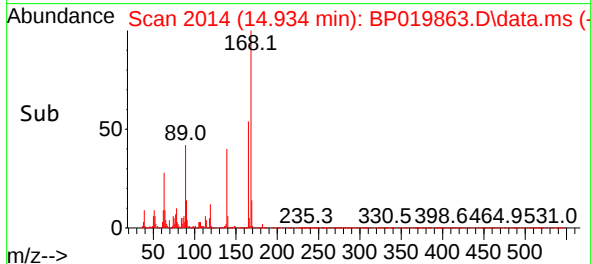
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:165 Resp: 205652
Ion Ratio Lower Upper
165 100
63 52.1 36.9 55.3
89 77.1 61.1 91.7
182 3.0 2.2 3.2

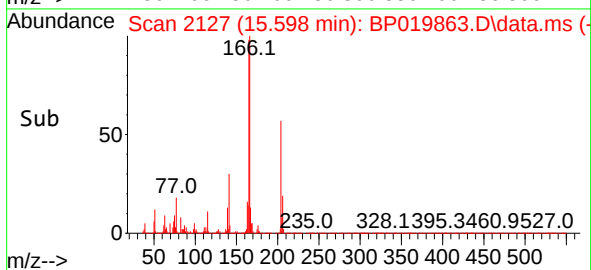
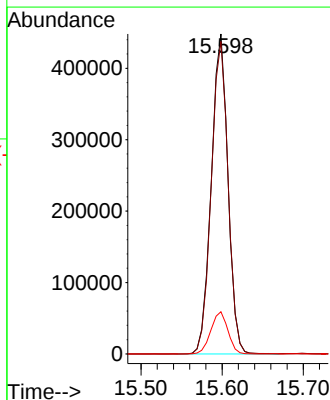
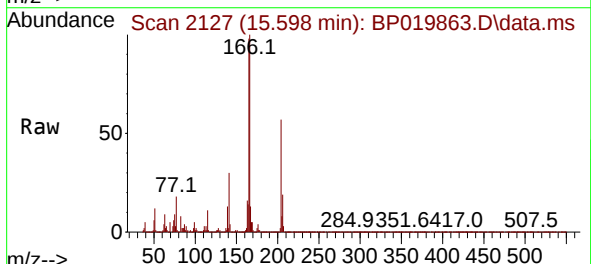
Manual Integrations
APPROVED

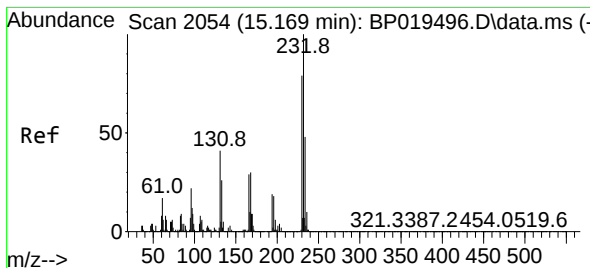
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#58
Fluorene
Concen: 43.082 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion:166 Resp: 637965
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.8
167 13.2 10.7 16.1





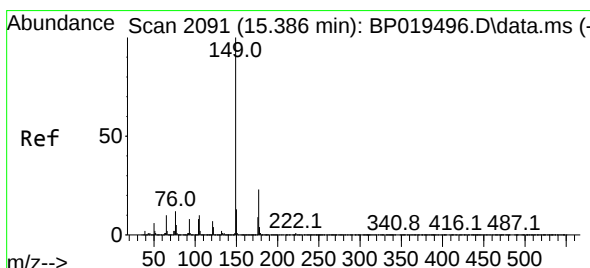
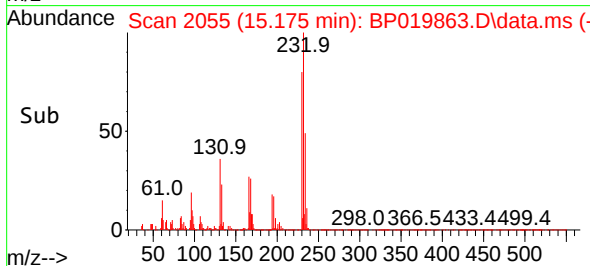
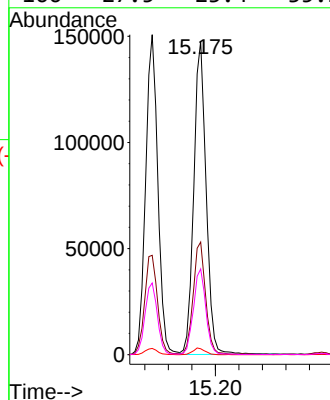
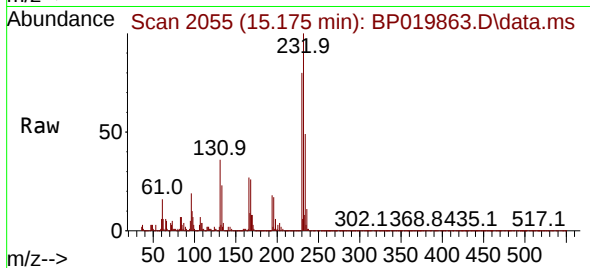
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.885 ng
RT: 15.175 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS

Tgt Ion:232 Resp: 215290
Ion Ratio Lower Upper
232 100
131 35.7 32.4 48.6
130 2.1 1.9 2.9
166 27.5 23.4 35.2

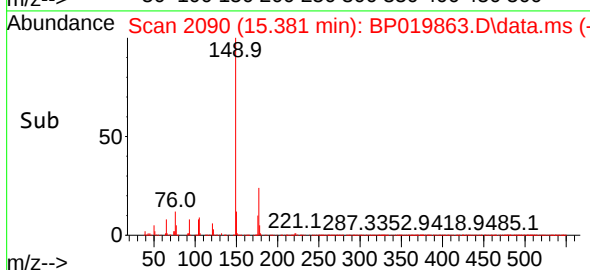
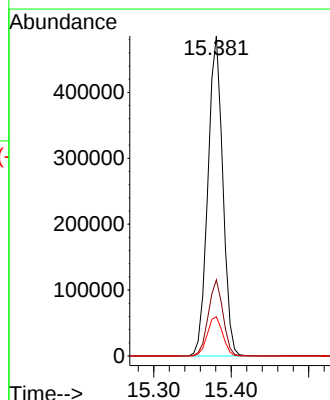
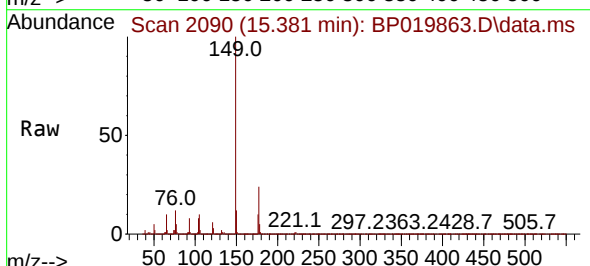
Manual Integrations
APPROVED

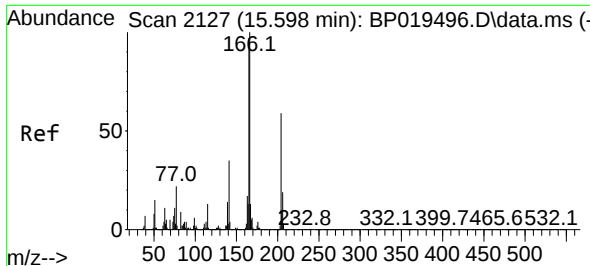
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#60
Diethylphthalate
Concen: 42.440 ng
RT: 15.381 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

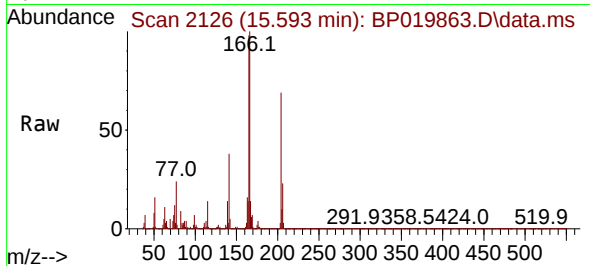
Tgt Ion:149 Resp: 646614
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.2
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.736 ng
RT: 15.593 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

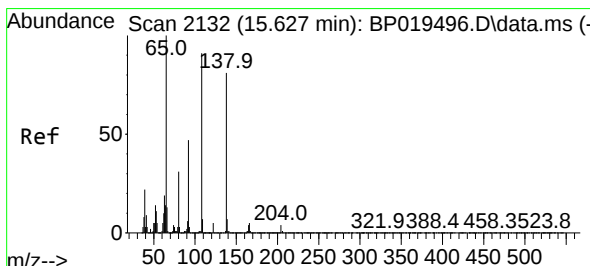
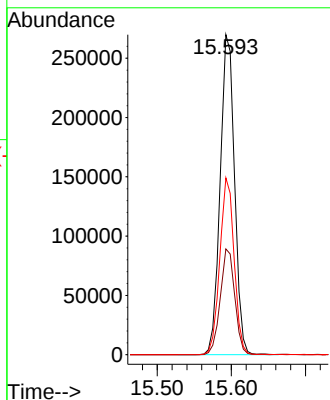
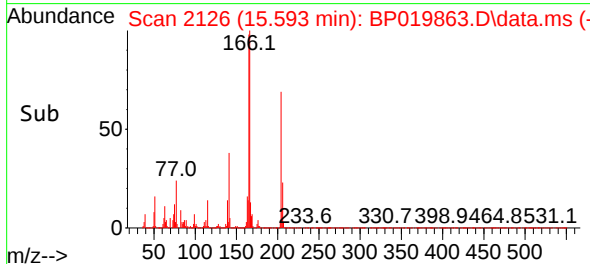
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:204 Resp: 364009
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 55.2 48.5 72.7

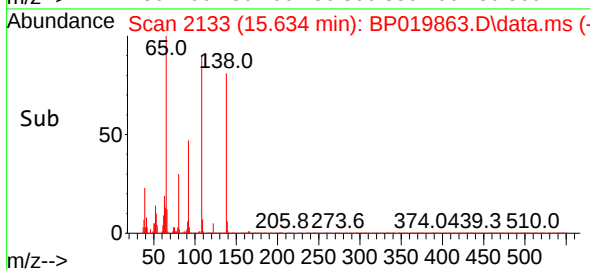
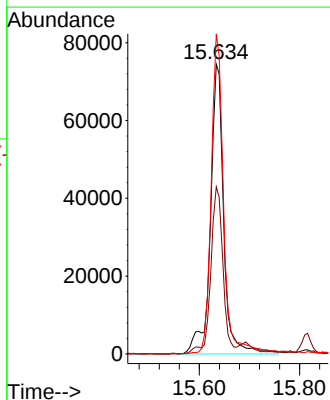
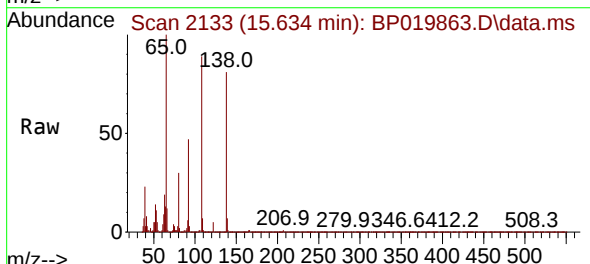
Manual Integrations
APPROVED

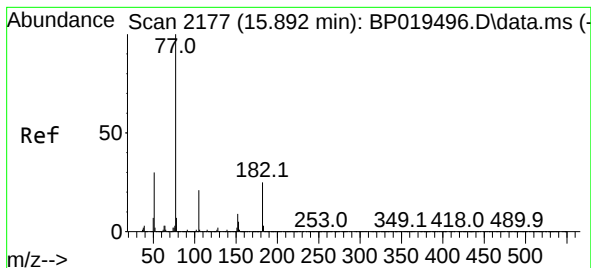
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#62
4-Nitroaniline
Concen: 42.273 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

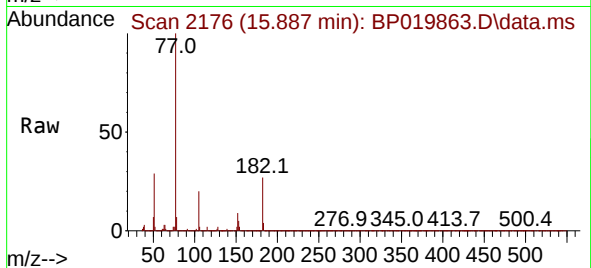
Tgt Ion:138 Resp: 137043
Ion Ratio Lower Upper
138 100
92 57.7 38.3 78.3
108 110.4 91.2 131.2





#63
Azobenzene
Concen: 40.825 ng
RT: 15.887 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

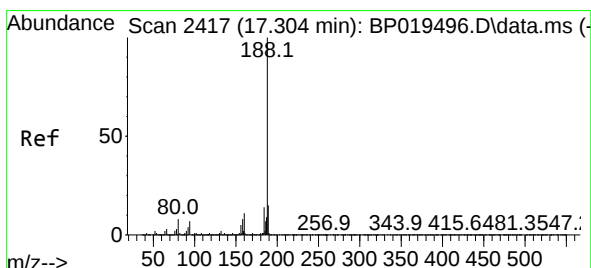
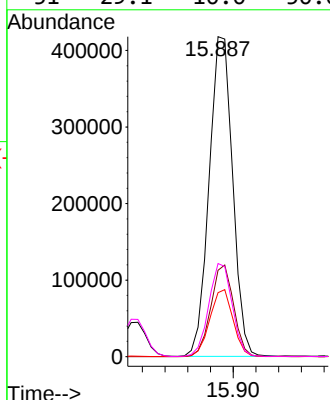
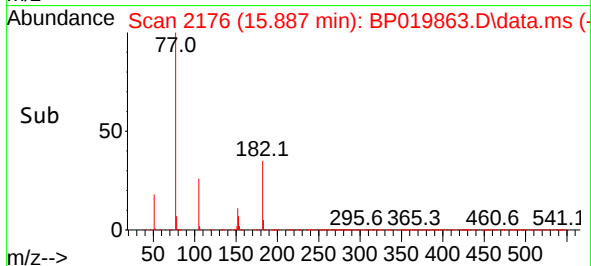
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



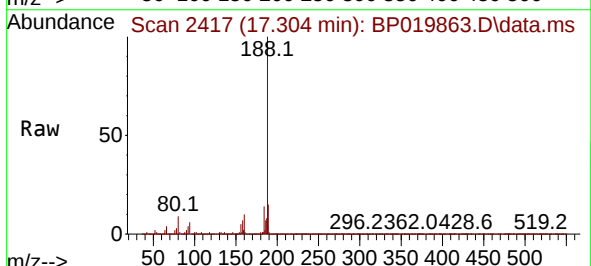
Tgt Ion:	77	Ratio	100	Lower	5.1	Upper	45.1
Ion	182	27.0		5.1		45.1	
Ratio	105	20.0		0.8		40.8	
Lower	51	29.1		10.0		50.0	
Upper							

Manual Integrations
APPROVED

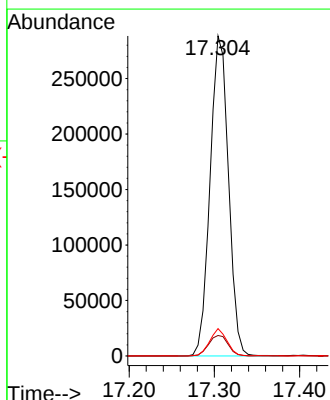
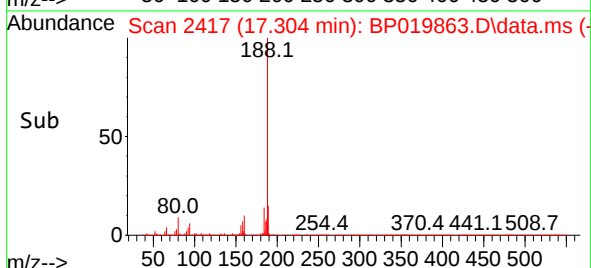
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

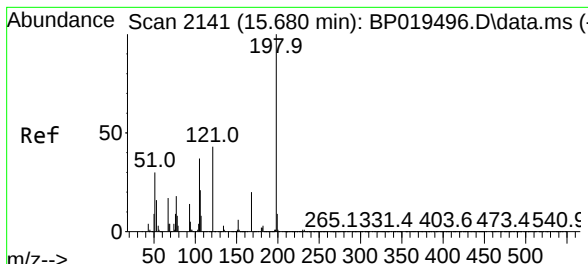


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52



Tgt Ion:	188	Ratio	100	Lower	5.4	Upper	8.2
Ion	94	6.4		5.4		8.2	
Ratio	80	8.6		6.3		9.5	
Lower							
Upper							





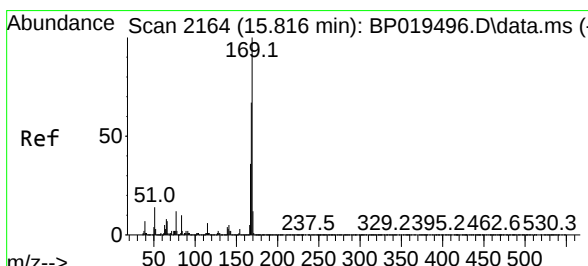
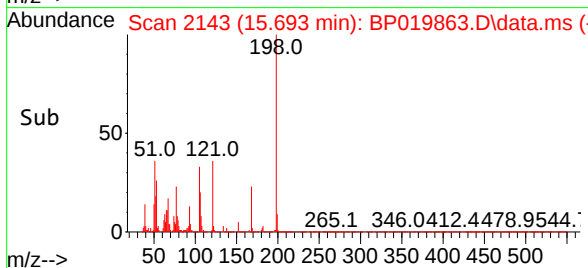
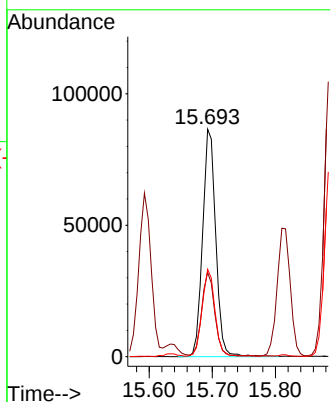
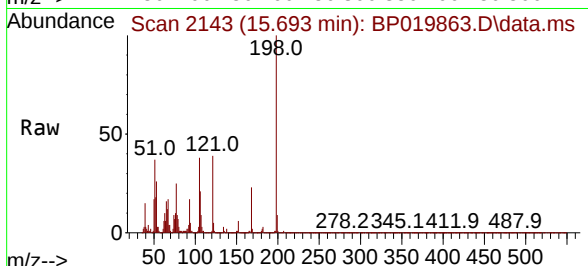
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.836 ng
 RT: 15.693 min Scan# 2143
 Delta R.T. -0.006 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MS

Tgt Ion:	198	Resp:	12532
Ion Ratio	Lower	Upper	
198	100		
51	37.0	21.2	61.2
105	38.4	19.1	59.1

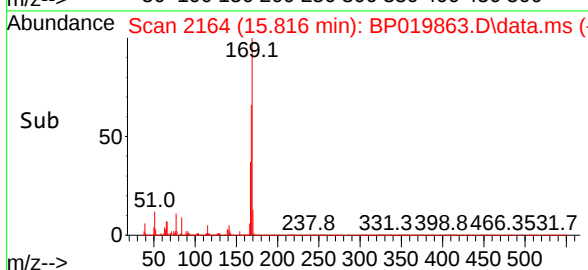
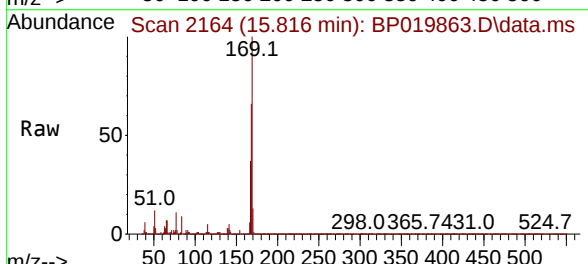
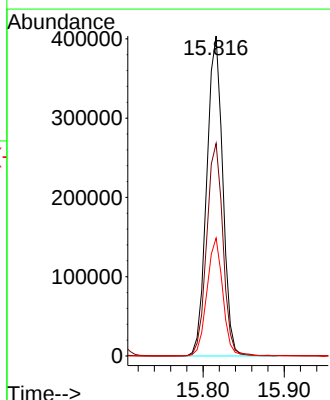
Manual Integrations
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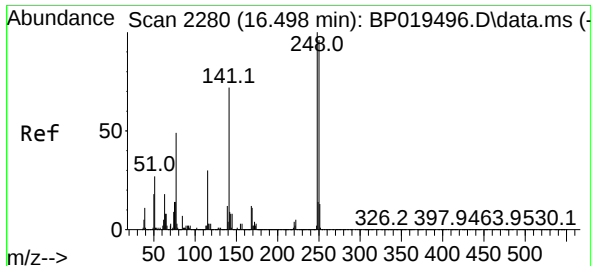
Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024



#66
 n-Nitrosodiphenylamine
 Concen: 42.640 ng
 RT: 15.816 min Scan# 2164
 Delta R.T. -0.006 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52

Tgt Ion:	169	Resp:	552096
Ion Ratio	Lower	Upper	
169	100		
168	66.4	53.4	80.2
167	36.8	28.9	43.3





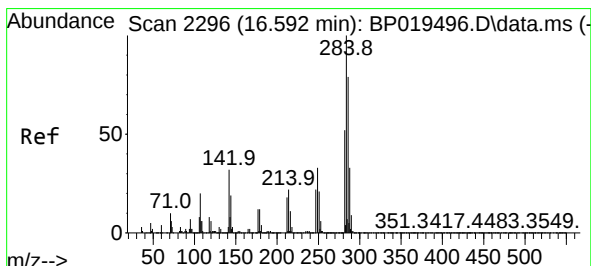
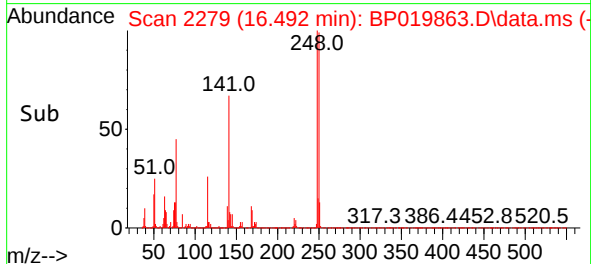
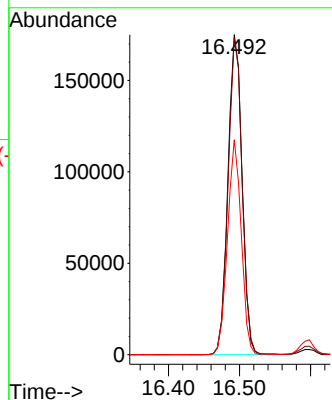
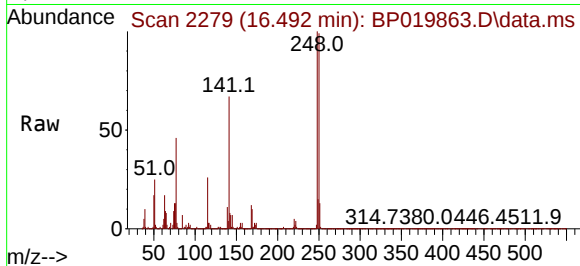
#67
4-Bromophenyl-phenylether
Concen: 44.673 ng
RT: 16.492 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS

Tgt Ion:248 Resp: 24144
Ion Ratio Lower Upper
248 100
250 99.0 76.9 115.3
141 67.2 58.0 87.0

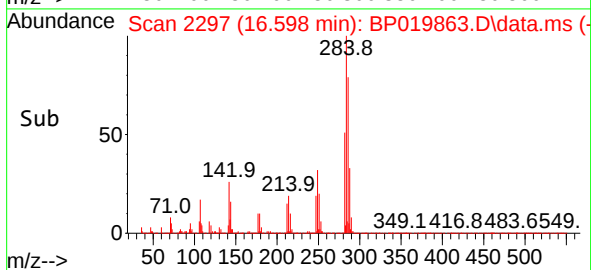
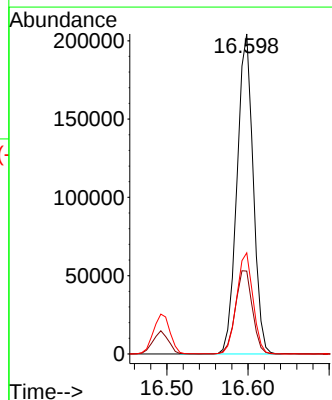
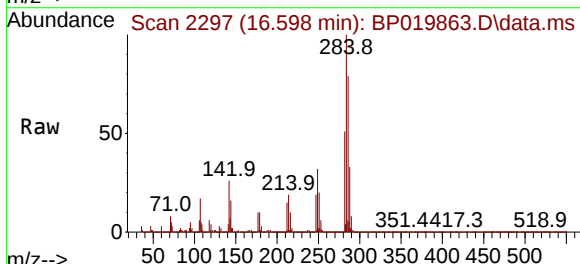
Manual Integrations
APPROVED

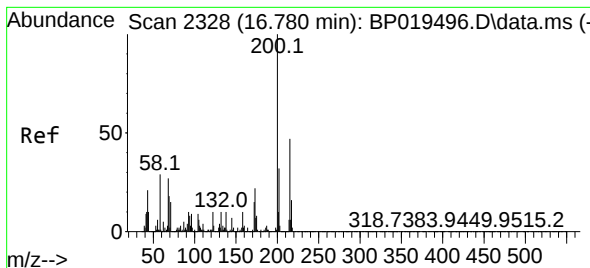
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#68
Hexachlorobenzene
Concen: 44.653 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion:284 Resp: 281823
Ion Ratio Lower Upper
284 100
142 25.9 25.4 38.2
249 31.6 26.5 39.7





#69

Atrazine

Concen: 51.584 ng

RT: 16.781 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019863.D

Acq: 24 Feb 2024 15:52

Instrument :

BNA_P

ClientSampleId :

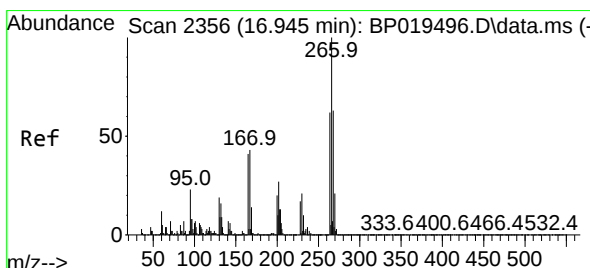
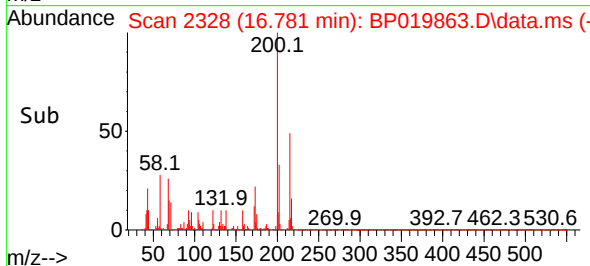
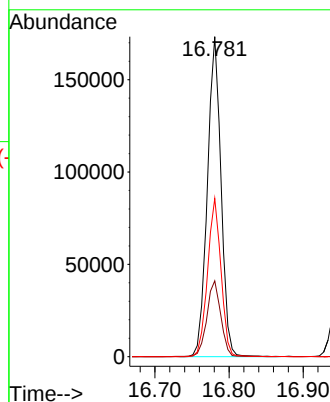
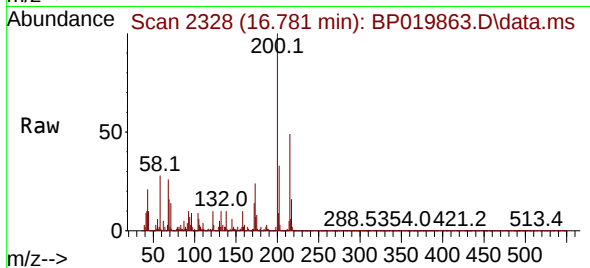
LKWD-BACKFILL-10MS

Tgt Ion:200 Resp: 221633
 Ion Ratio Lower Upper
 200 100
 173 23.7 1.7 41.7
 215 49.5 26.9 66.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024



#70

Pentachlorophenol

Concen: 93.206 ng

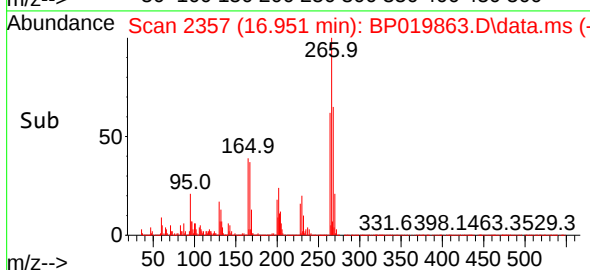
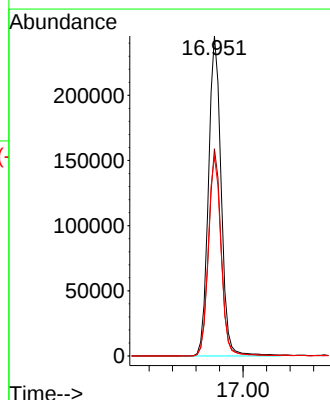
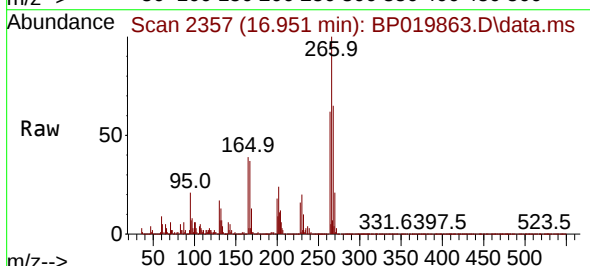
RT: 16.951 min Scan# 2357

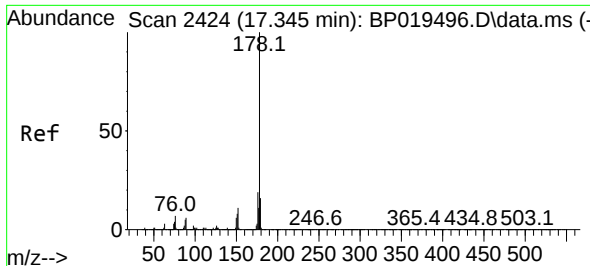
Delta R.T. -0.006 min

Lab File: BP019863.D

Acq: 24 Feb 2024 15:52

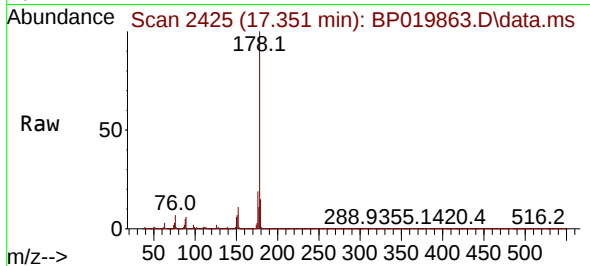
Tgt Ion:266 Resp: 366338
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.3 75.5
 264 62.3 49.7 74.5





#71
Phenanthrene
Concen: 44.668 ng
RT: 17.351 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

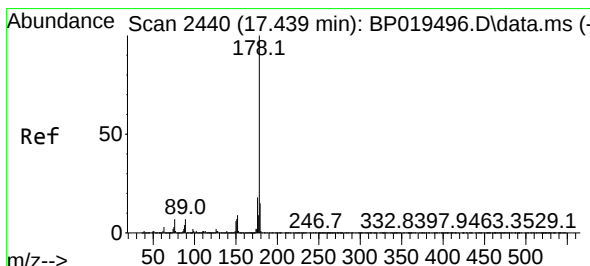
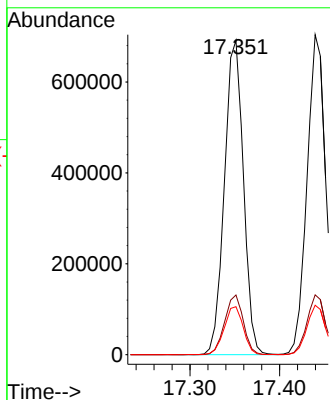
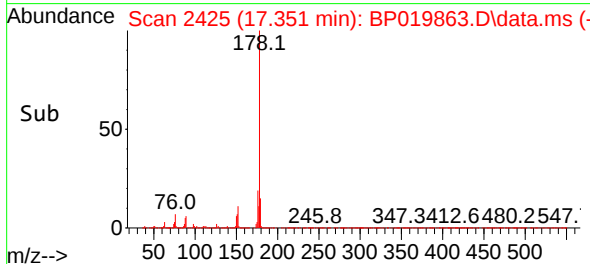
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:178 Resp: 101629
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.6 19.0

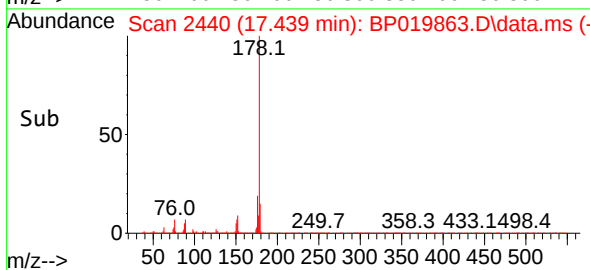
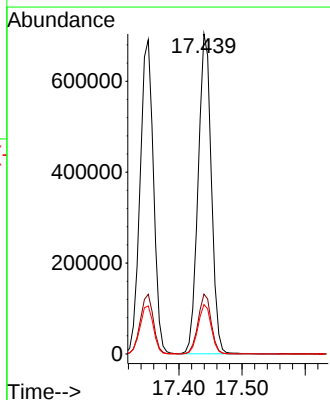
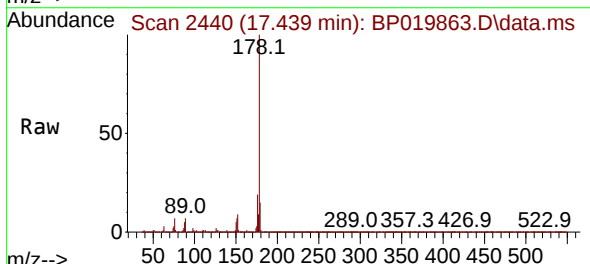
Manual Integrations
APPROVED

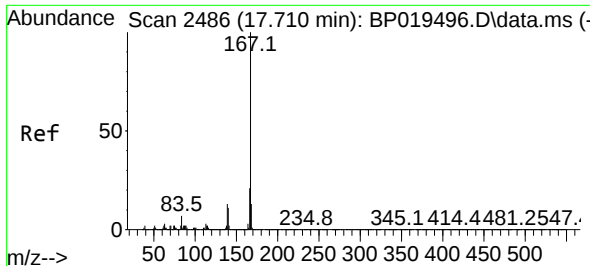
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#72
Anthracene
Concen: 44.847 ng
RT: 17.439 min Scan# 2440
Delta R.T. -0.012 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

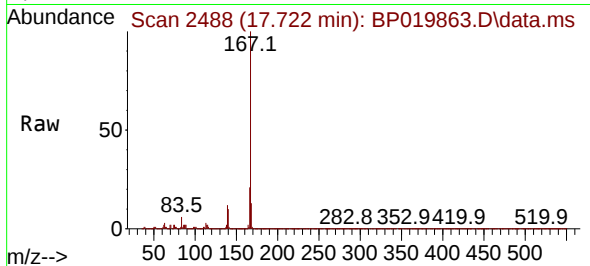
Tgt Ion:178 Resp: 1017863
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 43.311 ng
 RT: 17.722 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52

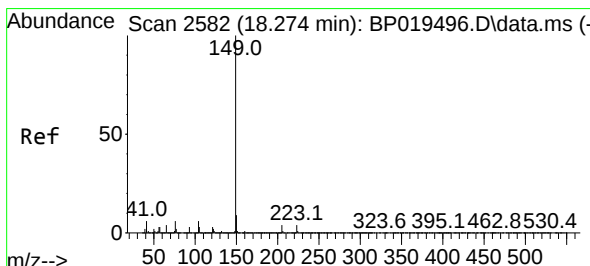
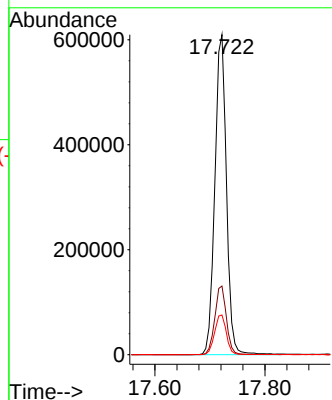
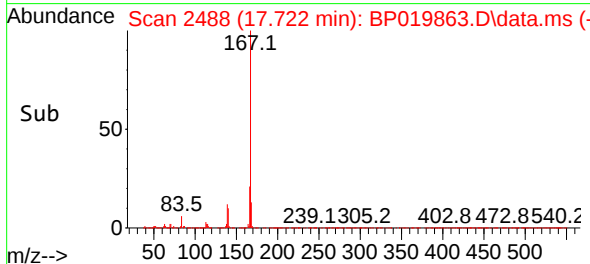
Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MS



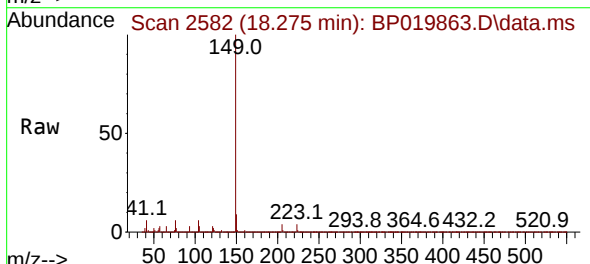
Tgt Ion:167 Resp: 89301
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.4 10.6 15.8

Manual Integrations
 APPROVED

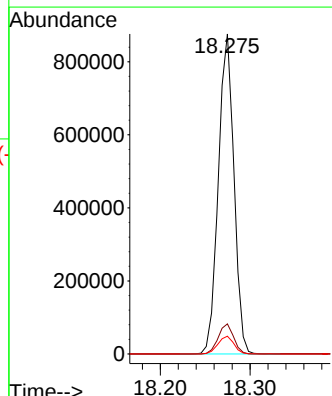
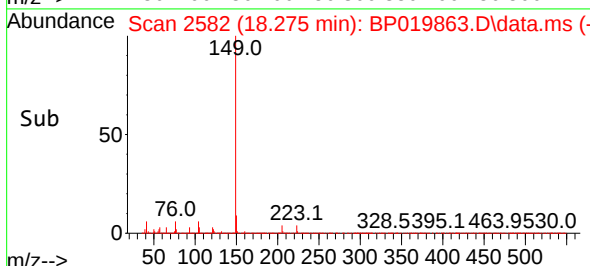
Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024

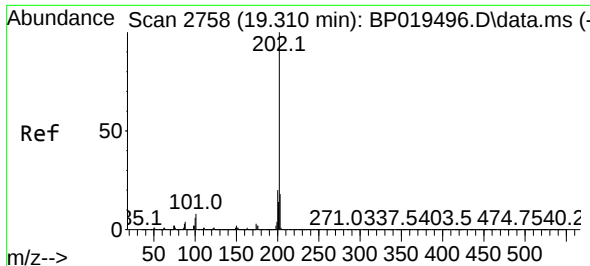


#74
 Di-n-butylphthalate
 Concen: 42.400 ng
 RT: 18.275 min Scan# 2582
 Delta R.T. -0.006 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52



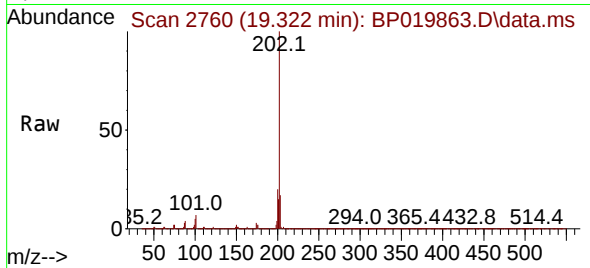
Tgt Ion:149 Resp: 1057061
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.6 4.8 7.2





#75
Fluoranthene
Concen: 44.289 ng
RT: 19.322 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

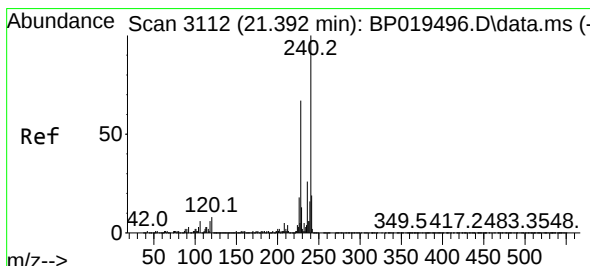
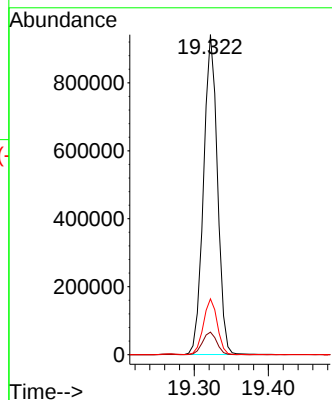
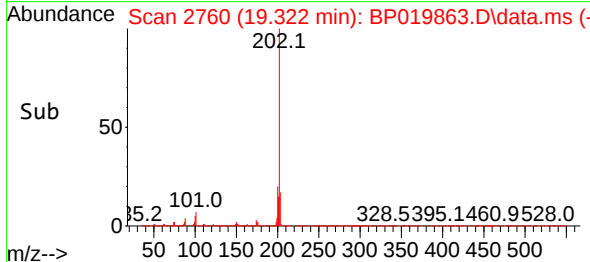
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:202 Resp: 1230964
Ion Ratio Lower Upper
202 100
101 7.0 0.0 27.7
203 17.5 0.0 37.5

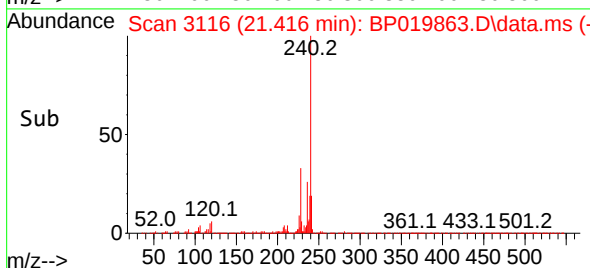
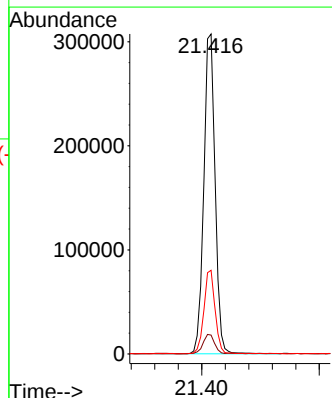
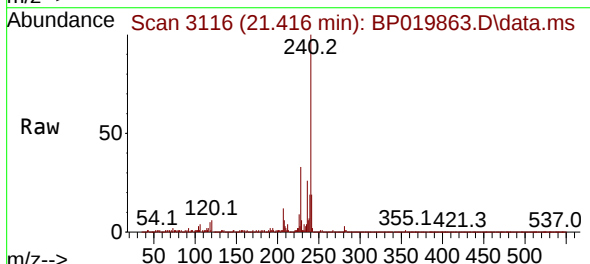
Manual Integrations
APPROVED

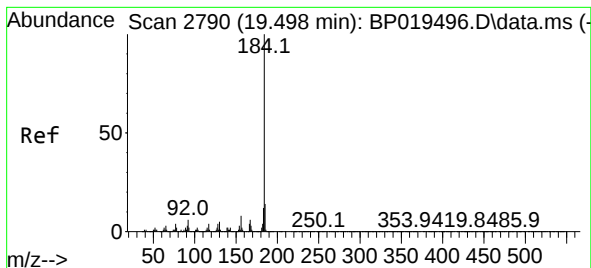
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Tgt Ion:240 Resp: 409403
Ion Ratio Lower Upper
240 100
120 5.9 6.1 9.1#
236 26.2 20.7 31.1





#77

Benzidine

Concen: 51.222 ng

RT: 19.516 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019863.D

Acq: 24 Feb 2024 15:52

Instrument :

BNA_P

ClientSampleId :

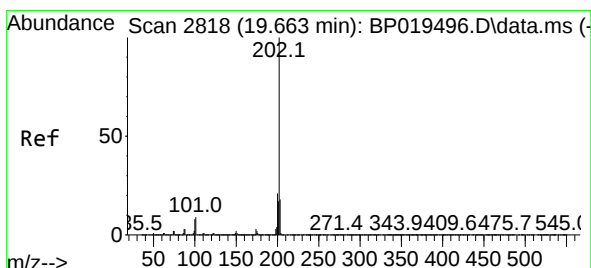
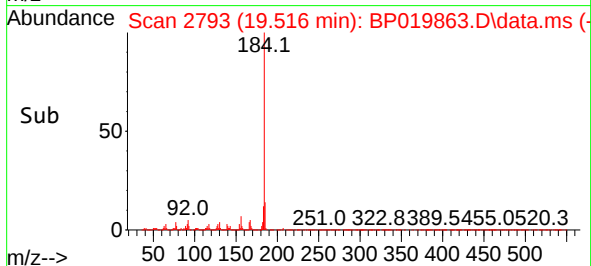
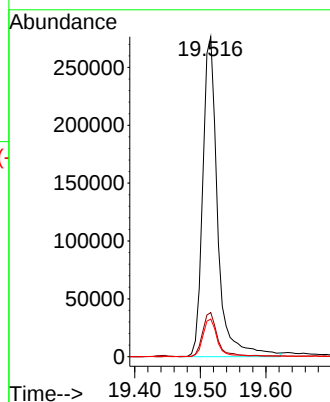
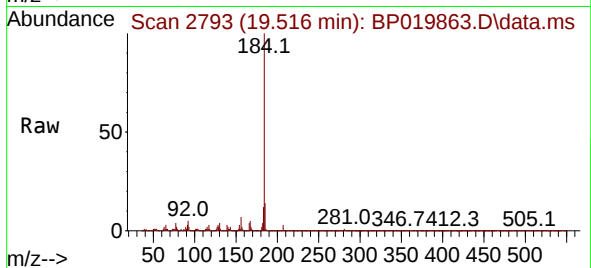
LKWD-BACKFILL-10MS

Tgt Ion:	184	Resp:	43842
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.1	16.7
183	11.8	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#78

Pyrene

Concen: 43.370 ng

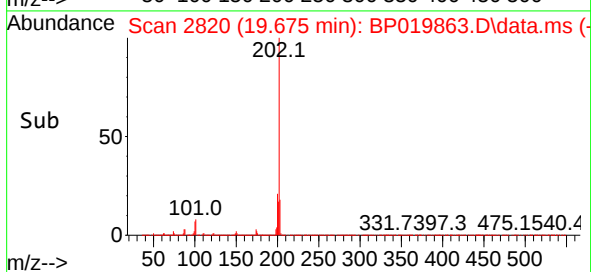
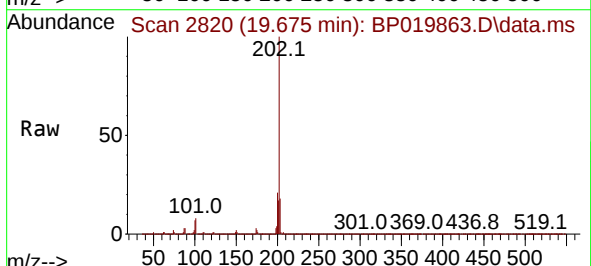
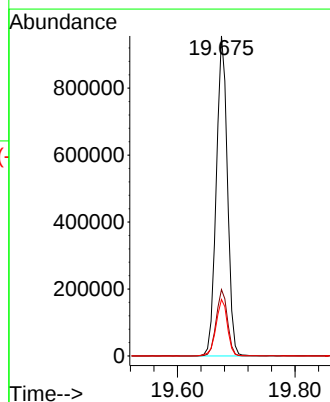
RT: 19.675 min Scan# 2820

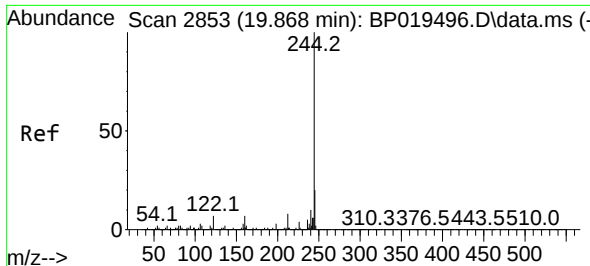
Delta R.T. -0.012 min

Lab File: BP019863.D

Acq: 24 Feb 2024 15:52

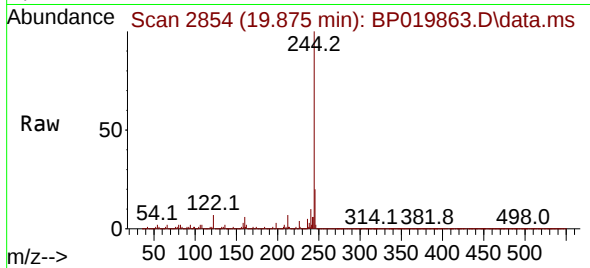
Tgt Ion:	202	Resp:	1253129
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	17.7	14.2	21.2





#79
 Terphenyl-d14
 Concen: 56.472 ng
 RT: 19.875 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52

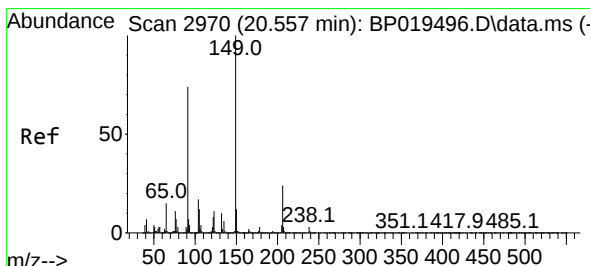
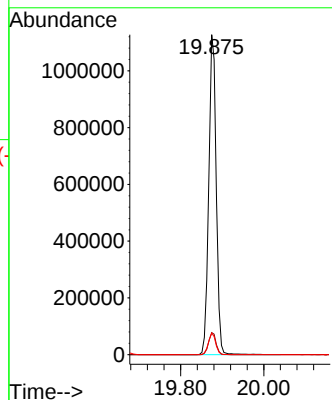
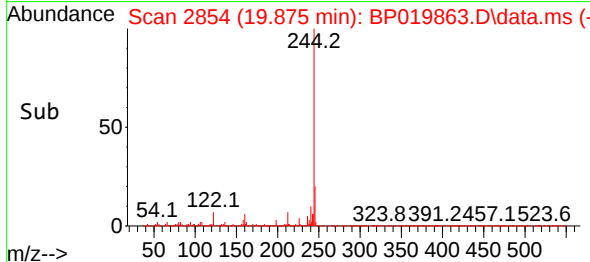
Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MS



Tgt Ion:244 Resp: 140584
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 6.7 5.9 8.9

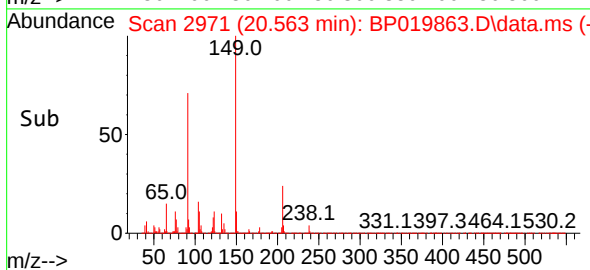
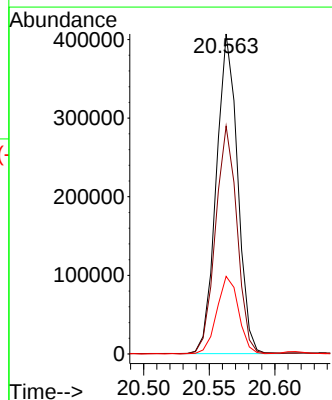
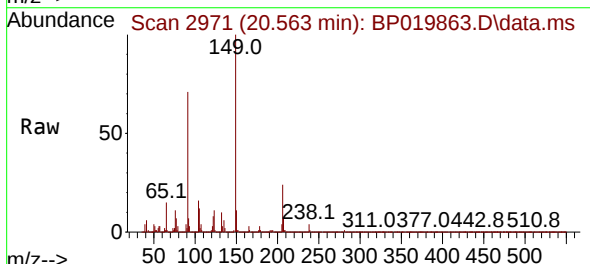
Manual Integrations
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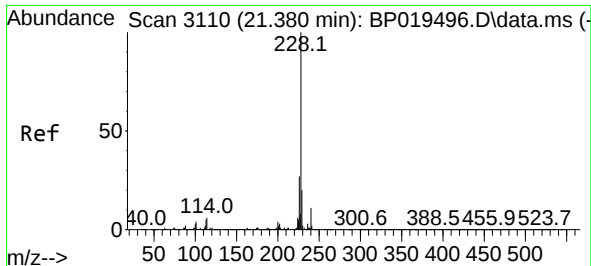
Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024



#80
 Butylbenzylphthalate
 Concen: 42.484 ng
 RT: 20.563 min Scan# 2971
 Delta R.T. -0.012 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52

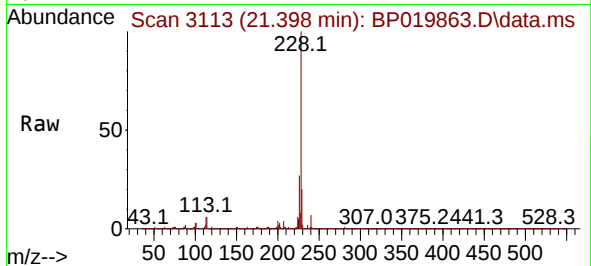
Tgt Ion:149 Resp: 458416
 Ion Ratio Lower Upper
 149 100
 91 71.2 59.4 89.0
 206 24.2 19.0 28.6





#81
Benzo(a)anthracene
Concen: 44.124 ng
RT: 21.398 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

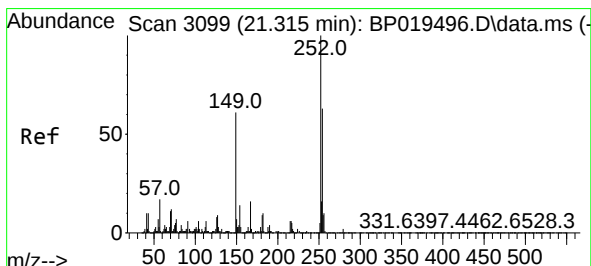
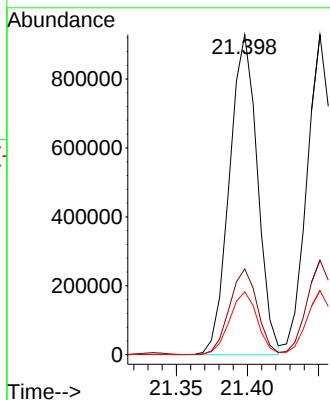
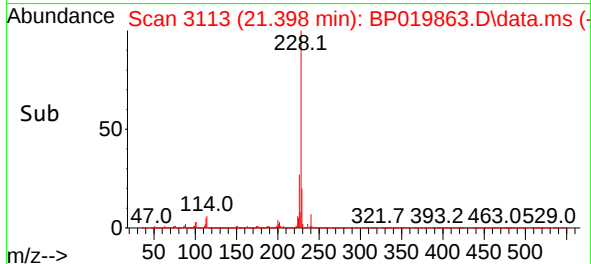
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:228 Resp: 127162
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.7 15.6 23.4

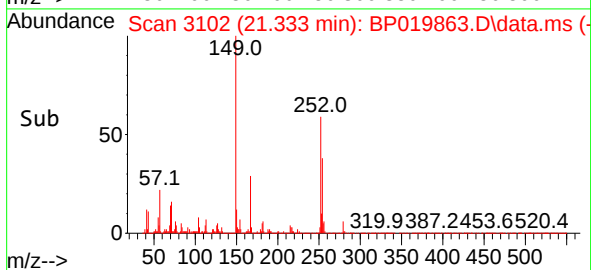
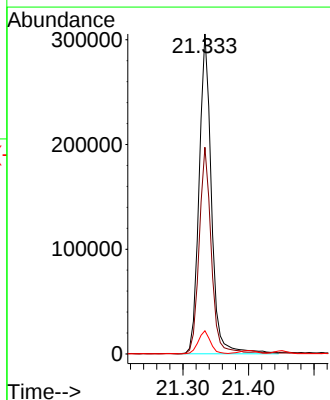
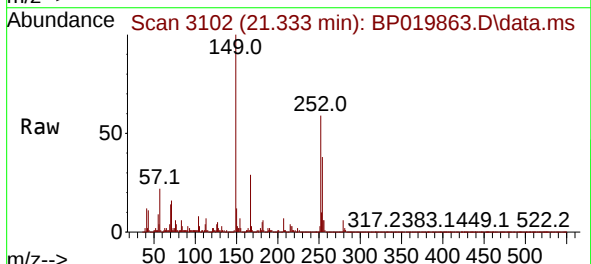
Manual Integrations
APPROVED

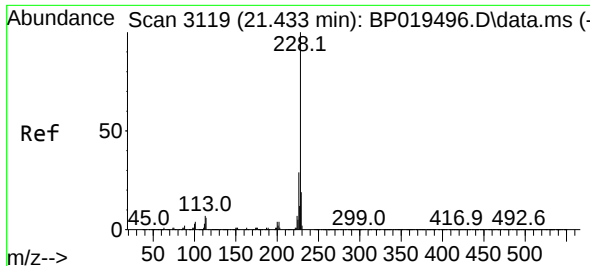
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 38.174 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

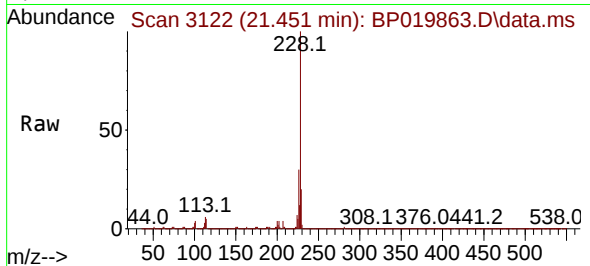
Tgt Ion:252 Resp: 400889
Ion Ratio Lower Upper
252 100
254 64.6 50.7 76.1
126 7.3 6.4 9.6





#83
Chrysene
Concen: 43.309 ng
RT: 21.451 min Scan# 3119
Delta R.T. -0.018 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

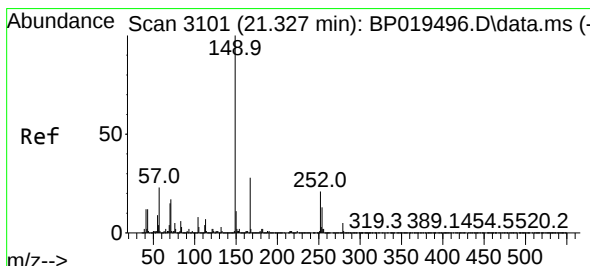
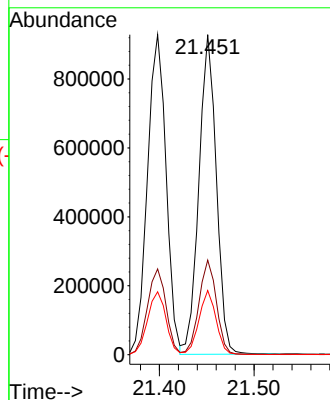
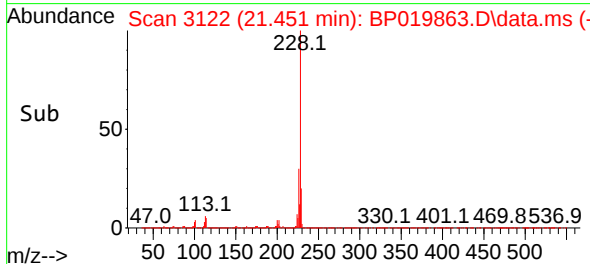
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



Tgt Ion:228 Resp: 1184969
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.2
229 20.1 15.6 23.4

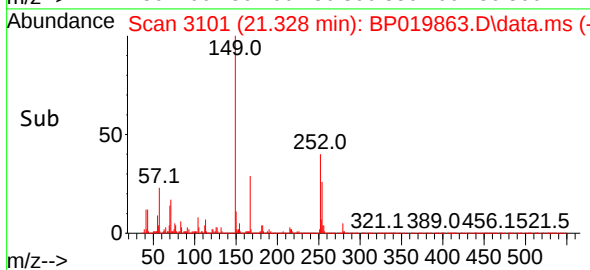
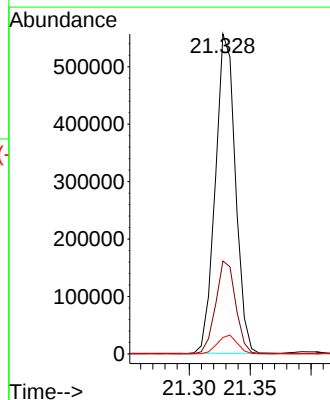
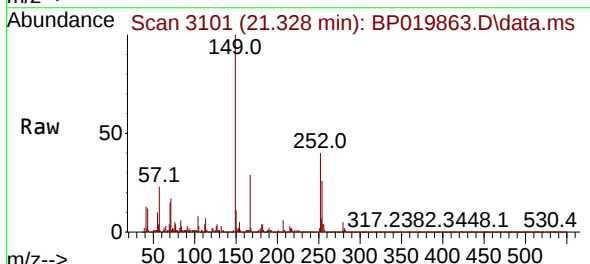
Manual Integrations
APPROVED

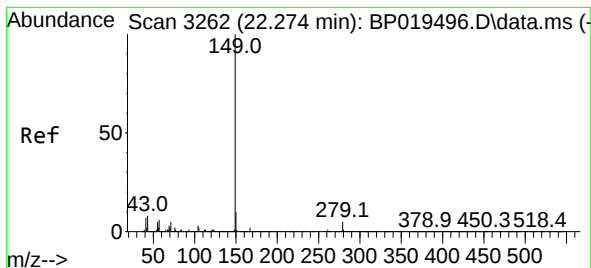
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.780 ng
RT: 21.328 min Scan# 3101
Delta R.T. -0.018 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

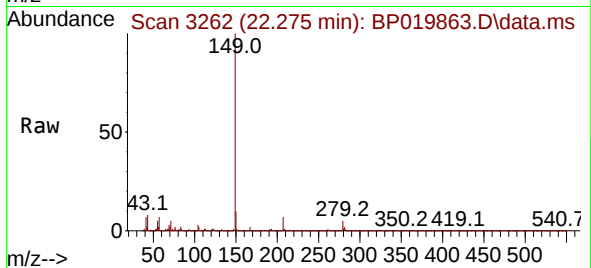
Tgt Ion:149 Resp: 637184
Ion Ratio Lower Upper
149 100
167 29.1 22.7 34.1
279 5.2 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 38.381 ng
RT: 22.275 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

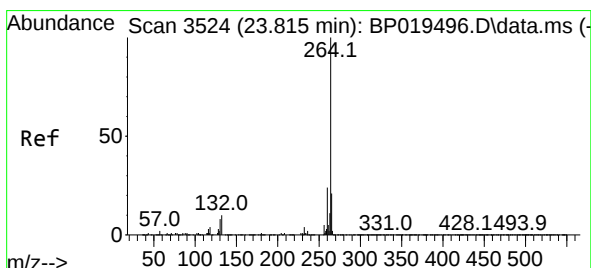
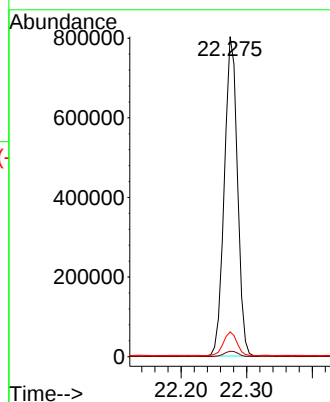
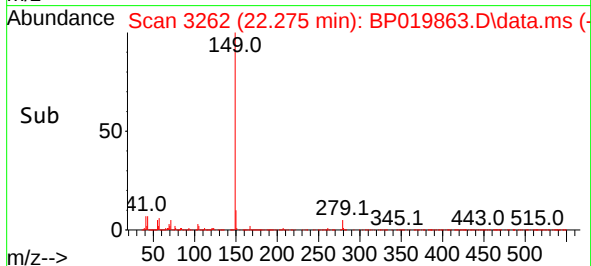
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS



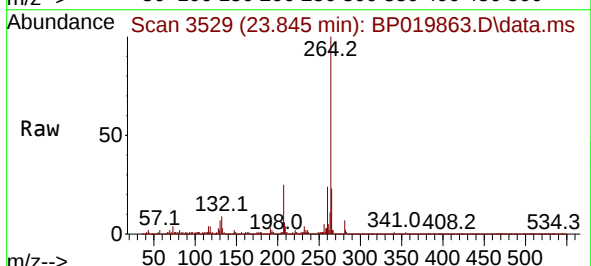
Tgt Ion:149 Resp: 1109550
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 7.5 6.3 9.5

Manual Integrations
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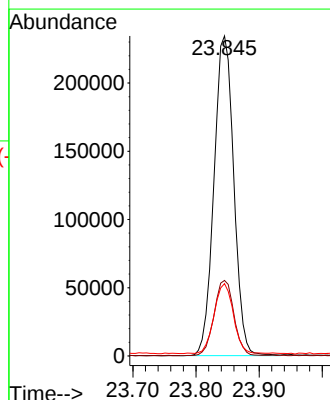
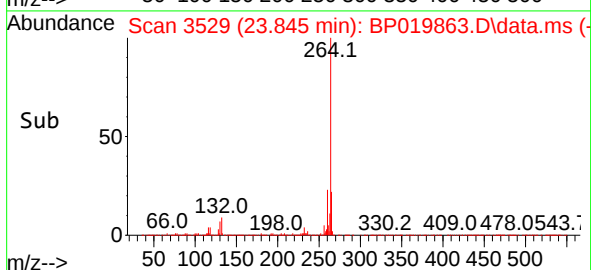
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

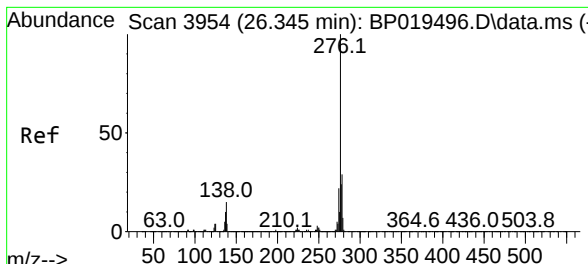


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 3529
Delta R.T. -0.023 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52



Tgt Ion:264 Resp: 509454
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.6 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.354 ng
 RT: 26.404 min Scan# 3403
 Delta R.T. -0.029 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52

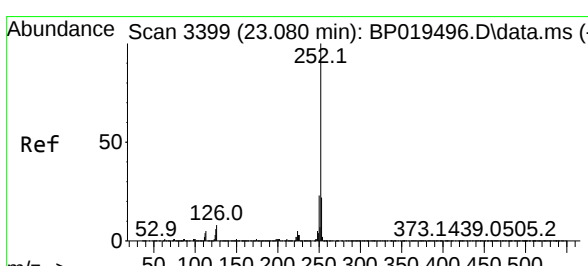
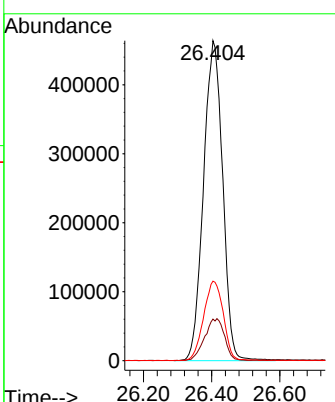
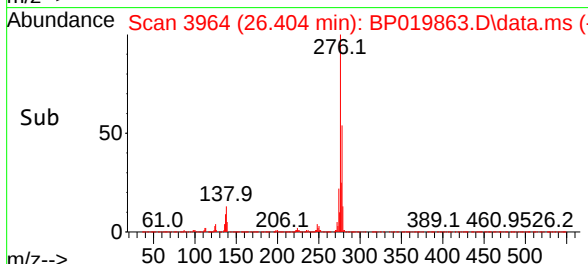
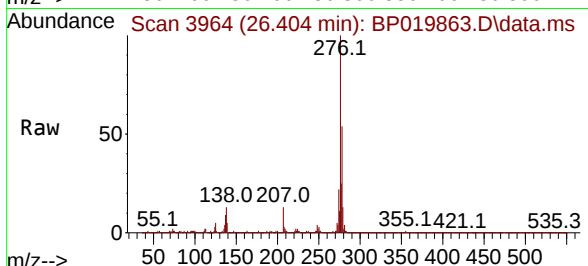
Instrument : BNA_P
 ClientSampleId : LKWD-BACKFILL-10MS

Tgt Ion: 276 Resp: 180766

Ion	Ratio	Lower	Upper
276	100		
138	13.6	13.1	19.7
277	25.5	20.3	30.5

Manual Integrations
 APPROVED

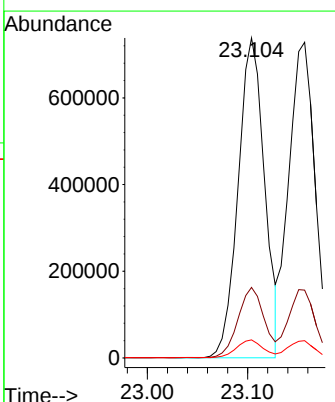
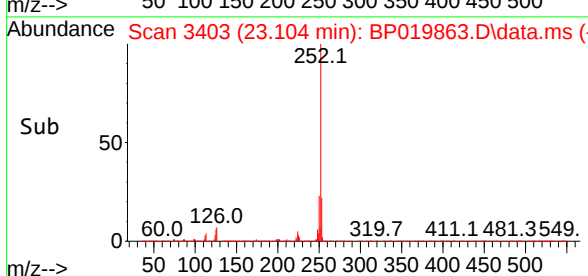
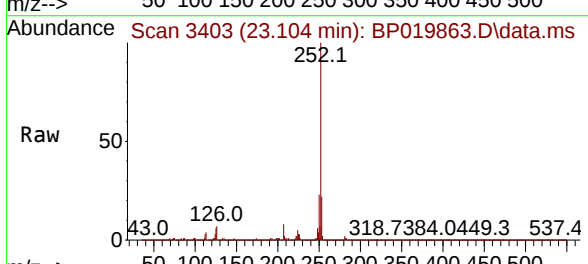
Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024

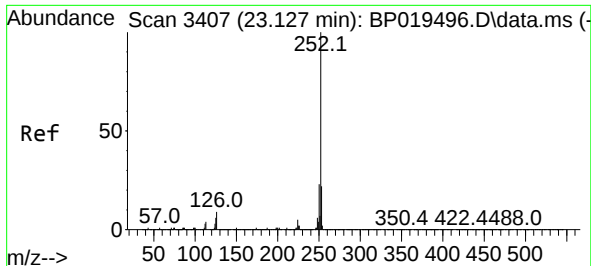


#88
 Benzo(b)fluoranthene
 Concen: 42.057 ng
 RT: 23.104 min Scan# 3403
 Delta R.T. -0.024 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52

Tgt Ion: 252 Resp: 1350394

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	5.7	4.9	7.3





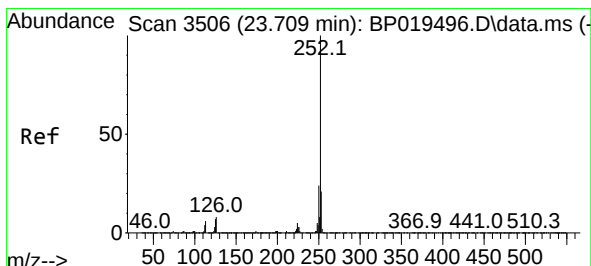
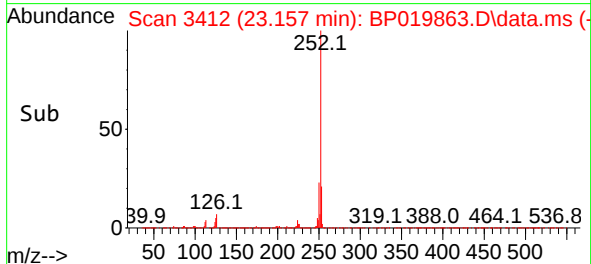
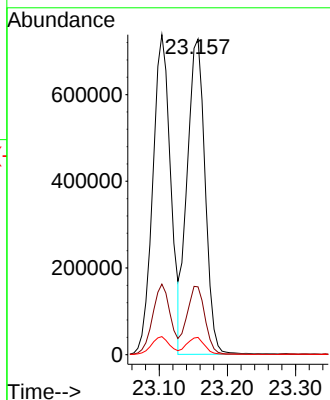
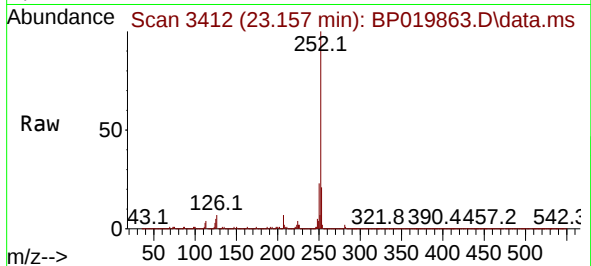
#89
Benzo(k)fluoranthene
Concen: 43.161 ng
RT: 23.157 min Scan# 3412
Delta R.T. -0.018 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS

Tgt Ion:252 Resp: 132380
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 5.5 5.0 7.6

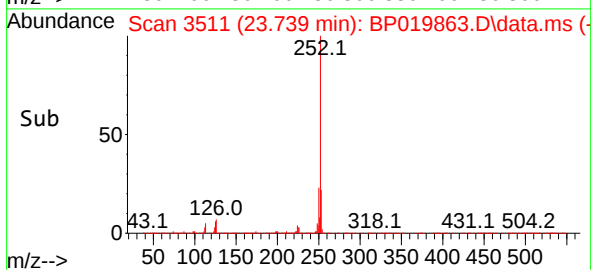
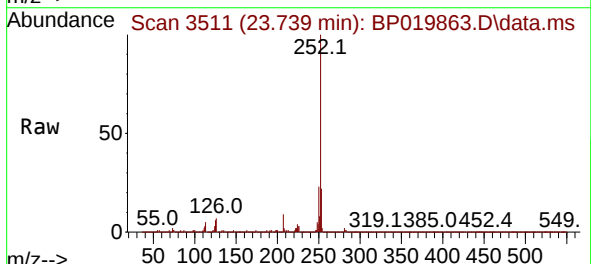
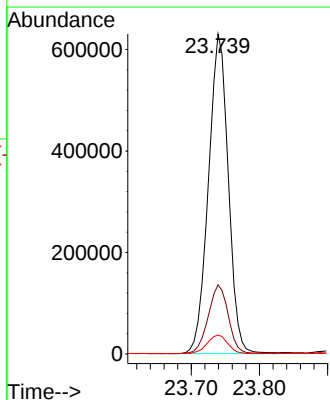
Manual Integrations
APPROVED

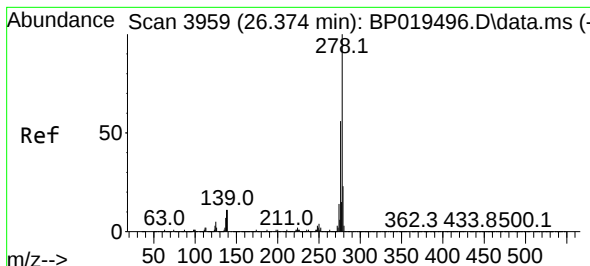
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024



#90
Benzo(a)pyrene
Concen: 44.743 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.024 min
Lab File: BP019863.D
Acq: 24 Feb 2024 15:52

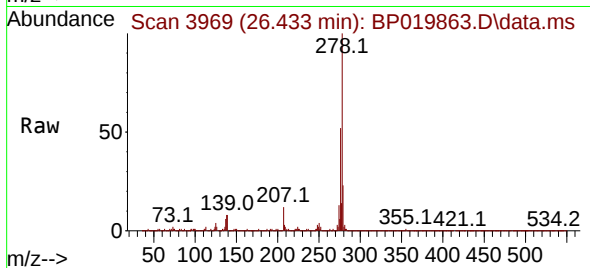
Tgt Ion:252 Resp: 1278286
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 5.9 5.6 8.4





#91
 Dibenzo(a,h)anthracene
 Concen: 45.994 ng
 RT: 26.433 min Scan# 3959
 Delta R.T. -0.023 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MS

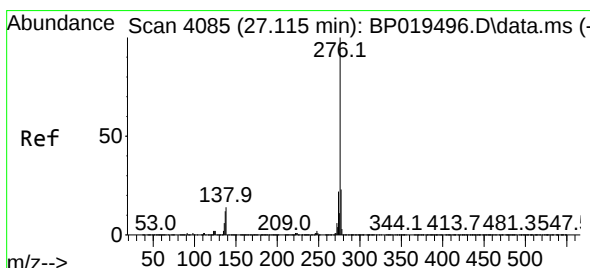
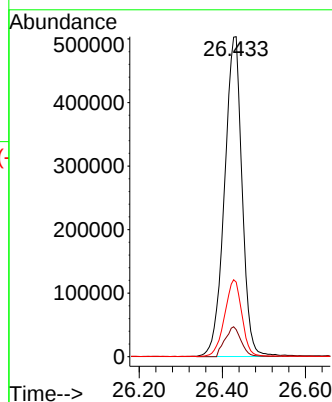
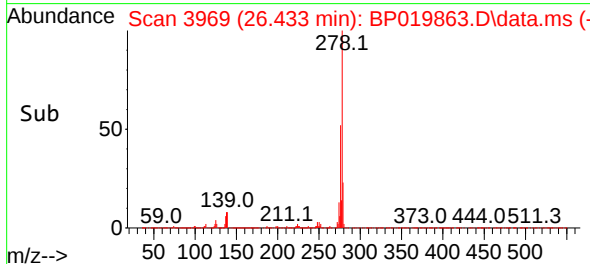


Tgt Ion: 278 Resp: 147516

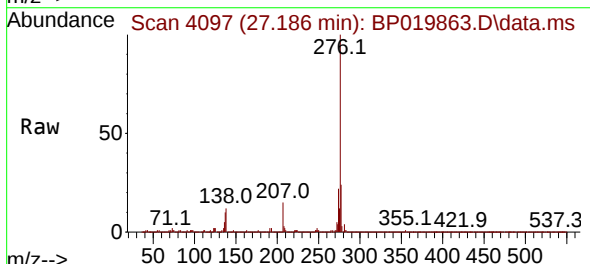
Ion	Ratio	Lower	Upper
278	100		
139	8.4	8.6	12.8
279	23.3	18.5	27.7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
 Supervised By :mohammad ahmed 02/27/2024



#92
 Benzo(g,h,i)perylene
 Concen: 43.709 ng
 RT: 27.186 min Scan# 4097
 Delta R.T. -0.029 min
 Lab File: BP019863.D
 Acq: 24 Feb 2024 15:52



Tgt Ion: 276 Resp: 1422232

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	12.1	10.9	16.3

