

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032098.D
 Acq On : 20 Jun 2024 16:02
 Operator : MA/JU
 Sample : PB161544BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS544

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:44:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	327507	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1562276	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	1079750	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	2197871	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1587174	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1457319	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	47965	6.059	ng/uL	0.00
4) Pyridine-d5	3.564	84	544465	24.432	ng/u1	0.00
7) Phenol-d5	6.816	99	856013	30.489	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	463902	28.248	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	699519	32.653	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	738879	32.284	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	375512	31.436	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	429586	34.815	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	757857	32.899	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	929171	27.167	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	2367732	31.477	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2650523	30.644	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	446441	29.642	ng/u1	0.00
60) Fluorene-d10	15.281	176	1971085	30.969	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	405975	36.748	ng/u1	0.00
73) Anthracene-d10	17.133	188	2922643	31.060	ng/u1	0.00
81) Pyrene-d10	19.433	212	3147816	37.062	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2285270	32.840	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	76673	9.052	ng/uL	98
5) Pyridine	3.581	79	558759	25.077	ng/u1	97
6) Benzaldehyde	6.787	77	426147	32.360	ng/u1	95
8) Phenol	6.840	94	879253	30.771	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.069	93	696507	29.479	ng/u1	97
12) 2-Chlorophenol	7.199	128	720394	32.134	ng/u1	98
13) 2-Methylphenol	8.081	108	701799	31.800	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	796997	29.303	ng/u1	99
16) Acetophenone	8.463	105	1113023	32.090	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.446	70	530414	29.511	ng/u1	95
18) 4-Methylphenol	8.410	108	778483	32.541	ng/u1	99
19) Hexachloroethane	8.699	117	288164	30.354	ng/u1	87
22) Nitrobenzene	8.834	77	801707	28.170	ng/u1	95
23) Isophorone	9.363	82	1620093	27.750	ng/u1	97
25) 2-Nitrophenol	9.540	139	453510	33.640	ng/u1	95
26) 2,4-Dimethylphenol	9.604	107	714964	27.262	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.840	93	1009035	27.732	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	747975	32.885	ng/u1	99
30) Naphthalene	10.463	128	2441986	30.202	ng/u1	99
32) 4-Chloroaniline	10.587	127	908322	27.354	ng/u1	99
33) Hexachlorobutadiene	10.740	225	444124	32.511	ng/u1	97
34) Caprolactam	11.387	113	276192m	31.109	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	860437	32.364	ng/u1	100
36) 2-Methylnaphthalene	12.081	142	1738656	31.460	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032098.D
 Acq On : 20 Jun 2024 16:02
 Operator : MA/JU
 Sample : PB161544BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS544

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:44:37 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M

Quant Title : SVOA CALIBRATION

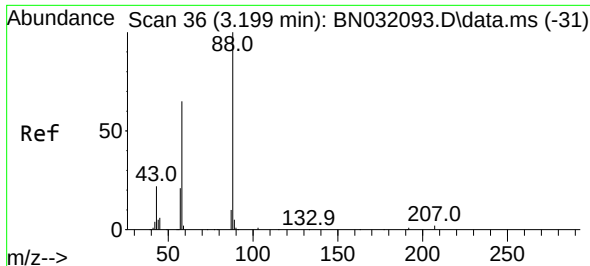
QLast Update : Thu Jun 20 10:49:40 2024

Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	1768510	31.892	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	906763	31.754	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	348012	21.145	ng/ul	93
41) 2,4,6-Trichlorophenol	12.704	196	608047	31.372	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	681617	32.362	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	2313688	30.464	ng/ul	96
44) 2-Chloronaphthalene	13.151	162	1796842	30.207	ng/ul	99
45) 2-Nitroaniline	13.369	65	499390	28.962	ng/ul	88
47) Dimethylphthalate	13.751	163	2337125	30.380	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	507062	33.160	ng/ul	96
50) Acenaphthylene	14.004	152	2910804	29.778	ng/ul	100
51) 3-Nitroaniline	14.204	138	528273	32.311	ng/ul	94
52) Acenaphthene	14.345	153	1879619	29.061	ng/ul	95
53) 2,4-Dinitrophenol	14.416	184	286182	37.071	ng/ul	97
55) 4-Nitrophenol	14.522	109	339313	30.370	ng/ul	91
56) Dibenzofuran	14.687	168	2696746	30.689	ng/ul	97
57) 2,4-Dinitrotoluene	14.669	165	726824	32.393	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	536994	30.480	ng/ul	97
59) Diethylphthalate	15.116	149	2473558	31.160	ng/ul	100
61) Fluorene	15.334	166	2040901	28.842	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	1009612	29.457	ng/ul	92
63) 4-Nitroaniline	15.375	138	518503	33.314	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.434	198	435139	37.051	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	1933992	31.923	ng/ul	97
68) 4-Bromophenyl-phenylether	16.228	248	693009	32.543	ng/ul	96
69) Hexachlorobenzene	16.333	284	793090	32.859	ng/ul	96
70) Atrazine	16.510	200	292369	15.285	ng/ul	98
71) Pentachlorophenol	16.686	266	460257	29.805	ng/ul	91
72) Phenanthrene	17.075	178	3453326	30.844	ng/ul	99
74) Anthracene	17.169	178	3420797	30.153	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	905099	31.994	ng/ul	97
76) Pentachlorobenzene	14.598	250	906584	32.902	ng/ul	97
77) Carbazole	17.445	167	3116840	32.220	ng/ul	99
78) Di-n-butylphthalate	18.004	149	4241032	31.866	ng/ul	100
80) Fluoranthene	19.098	202	3725713	36.705	ng/ul	97
82) Pyrene	19.463	202	3872328	37.183	ng/ul	95
83) Butylbenzylphthalate	20.374	149	1826320	37.129	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.186	252	980725	32.222	ng/ul	95
85) Benzo(a)anthracene	21.251	228	3246924	30.563	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.174	149	2571366	35.862	ng/ul	97
87) Chrysene	21.316	228	3065973	30.897	ng/ul	95
89) Di-n-octyl phthalate	22.280	149	4341025	44.494	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2836850	32.567	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	2806094	32.829	ng/ul	98
93) Benzo(a)pyrene	24.045	252	2392572	29.327	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.456	276	2964507	31.533	ng/ul	98
95) Dibenzo(a,h)anthracene	27.509	278	2445731	31.865	ng/ul	94
96) Benzo(g,h,i)perylene	28.480	276	2303925	30.829	ng/ul	97

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



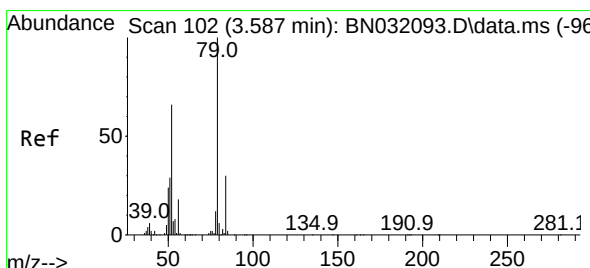
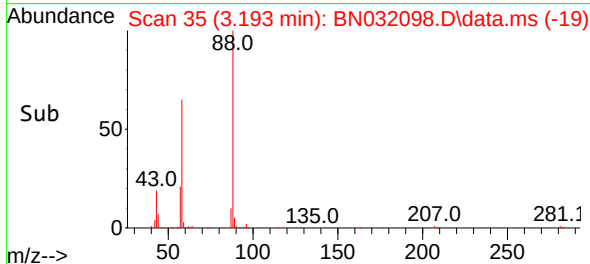
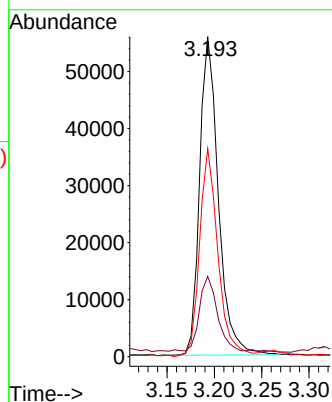
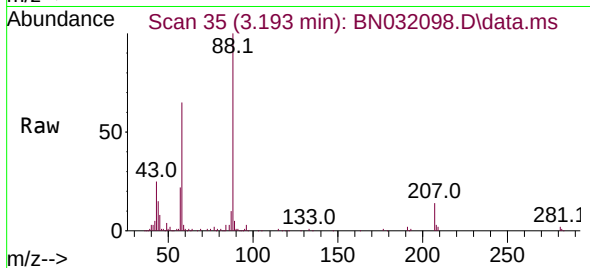
#2
1,4-Dioxane
Concen: 9.052 ng/uL
RT: 3.193 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Instrument :
BNA_N
ClientSampleId :
SLCS544

Tgt Ion: 88 Resp: 7667
Ion Ratio Lower Upper
88 100
43 25.1 18.5 27.7
58 65.0 52.6 78.8

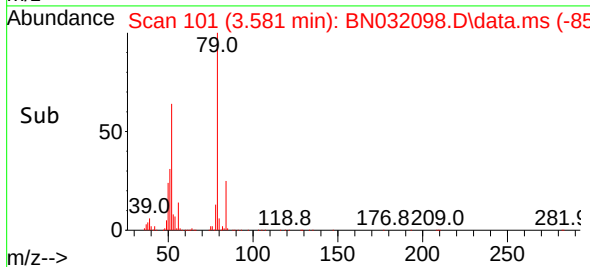
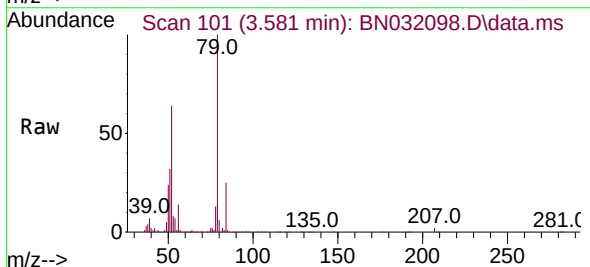
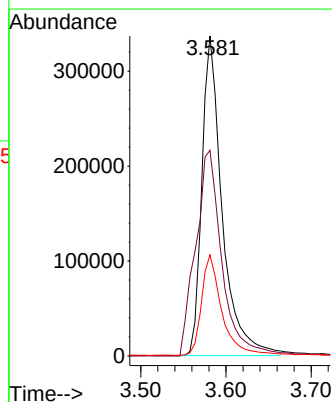
Manual IntegrationsAPPROVED

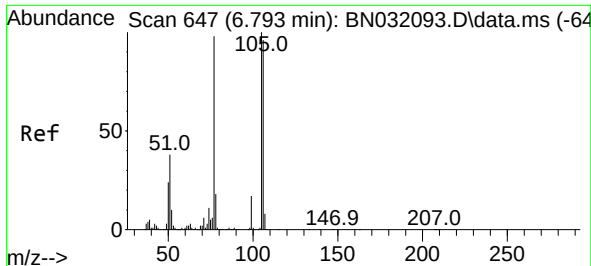
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#5
Pyridine
Concen: 25.077 ng/uL
RT: 3.581 min Scan# 101
Delta R.T. -0.006 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

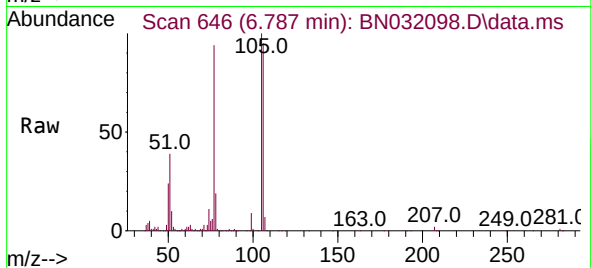
Tgt Ion: 79 Resp: 558759
Ion Ratio Lower Upper
79 100
52 64.3 53.0 79.6
51 31.6 23.3 34.9





#6
Benzaldehyde
Concen: 32.360 ng/ul
RT: 6.787 min Scan# 647
Delta R.T. -0.006 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

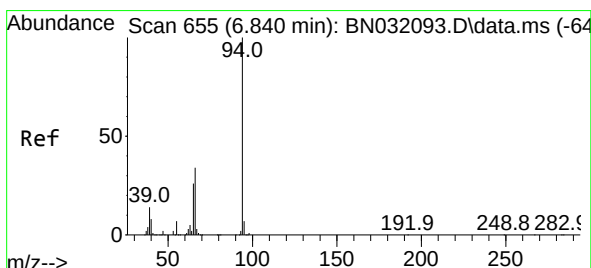
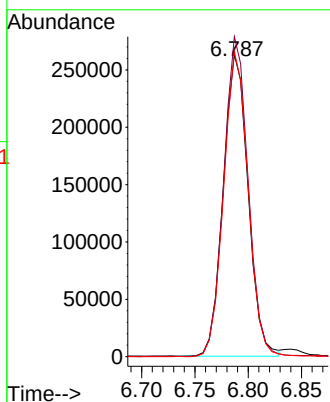
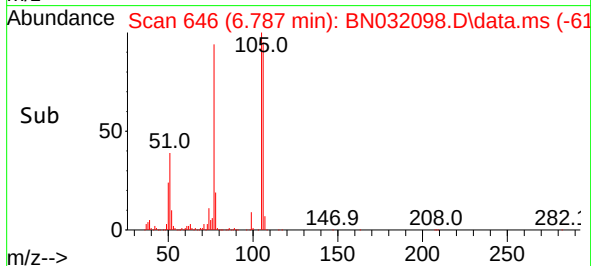
Instrument :
BNA_N
ClientSampleId :
SLCS544



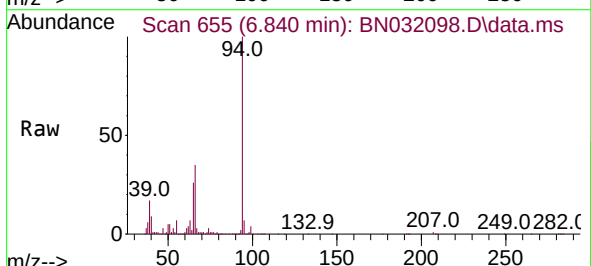
Tgt Ion: 77 Resp: 42614
Ion Ratio Lower Upper
77 100
105 106.0 80.2 120.4
106 101.1 76.8 115.2

Manual IntegrationsAPPROVED

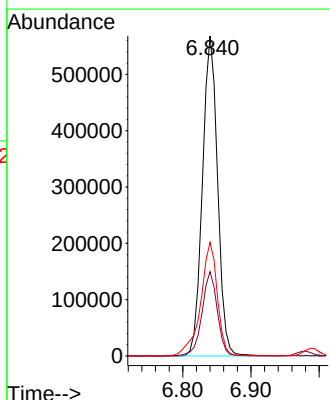
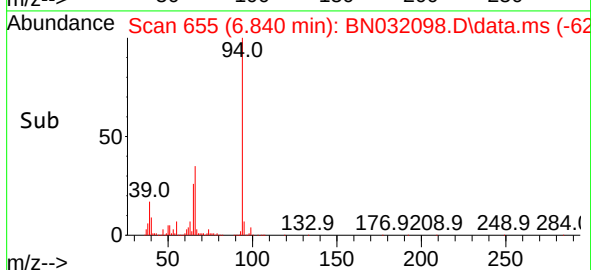
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

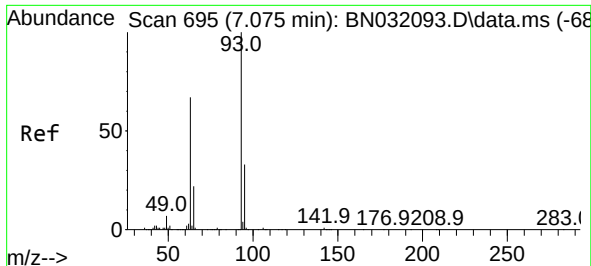


#8
Phenol
Concen: 30.771 ng/ul
RT: 6.840 min Scan# 655
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02



Tgt Ion: 94 Resp: 879253
Ion Ratio Lower Upper
94 100
65 26.3 20.3 30.5
66 35.5 25.8 38.8





#10

Bis(2-Chloroethyl)ether

Concen: 29.479 ng/ul

RT: 7.069 min Scan# 695

Delta R.T. -0.006 min

Lab File: BN032098.D

Acq: 20 Jun 2024 16:02

Instrument :

BNA_N

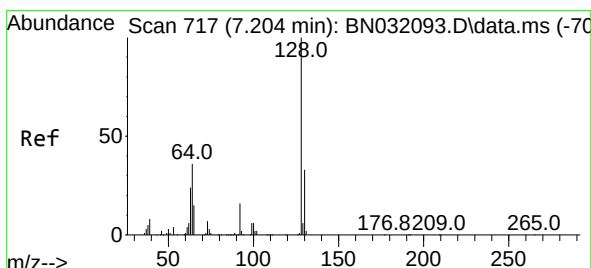
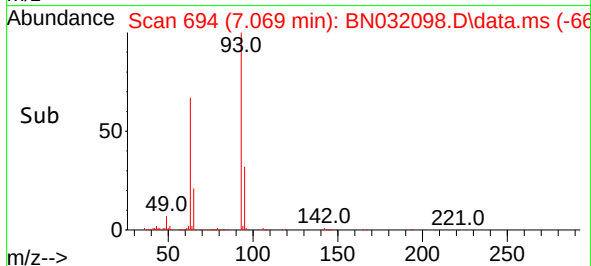
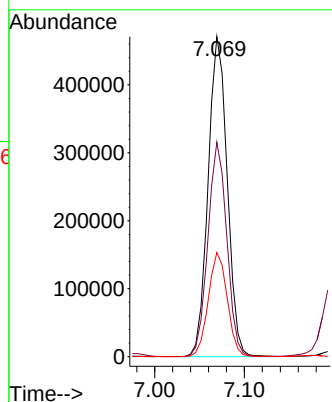
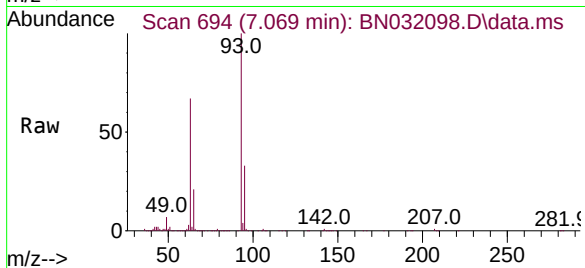
ClientSampleId :

SLCS544

Tgt Ion:	93	Resp:	69650
Ion Ratio	Lower	Upper	
93	100		
63	67.0	56.8	85.2
95	32.6	26.0	39.0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#12

2-Chlorophenol

Concen: 32.134 ng/ul

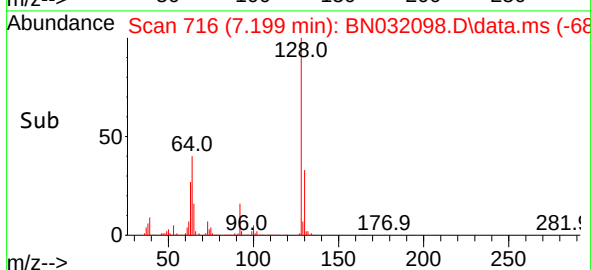
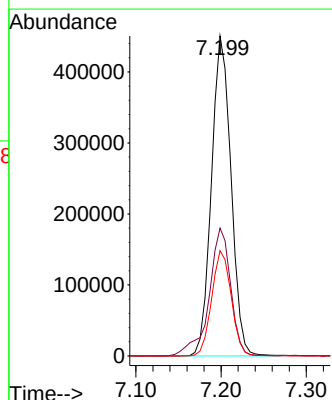
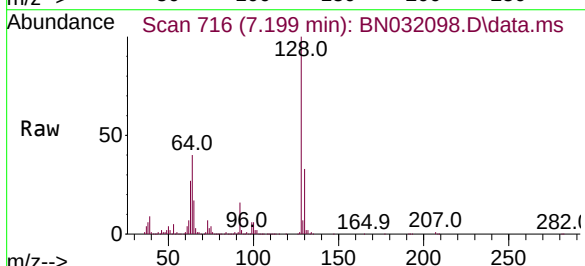
RT: 7.199 min Scan# 716

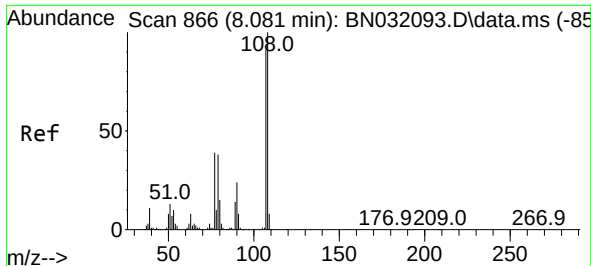
Delta R.T. -0.006 min

Lab File: BN032098.D

Acq: 20 Jun 2024 16:02

Tgt Ion:	128	Resp:	720394
Ion Ratio	Lower	Upper	
128	100		
64	40.0	33.9	50.9
130	32.9	26.3	39.5





#13
2-Methylphenol
Concen: 31.800 ng/ul
RT: 8.081 min Scan# 80
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Instrument :

BNA_N

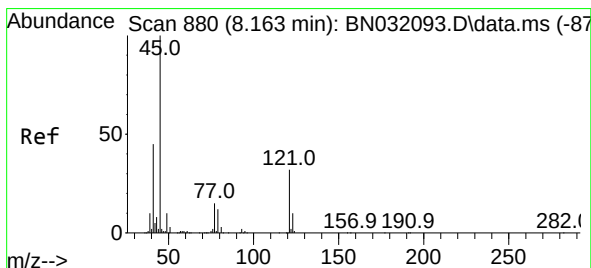
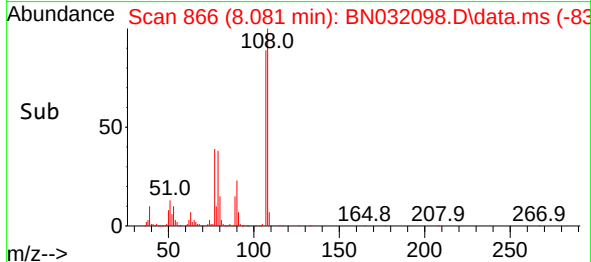
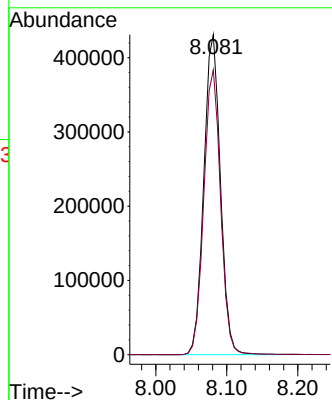
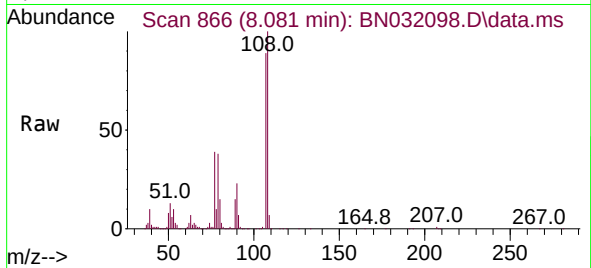
ClientSampleId :

SLCS544

Tgt Ion:108 Resp: 701799
Ion Ratio Lower Upper
108 100
107 89.0 71.6 107.4

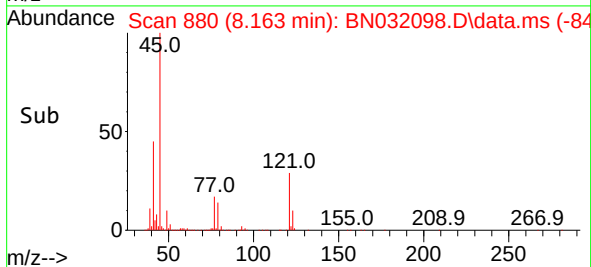
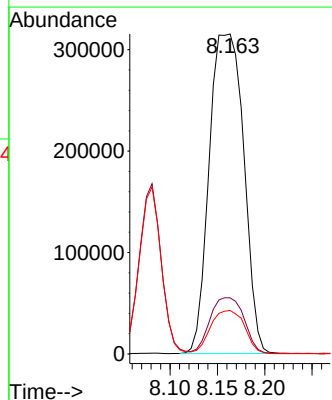
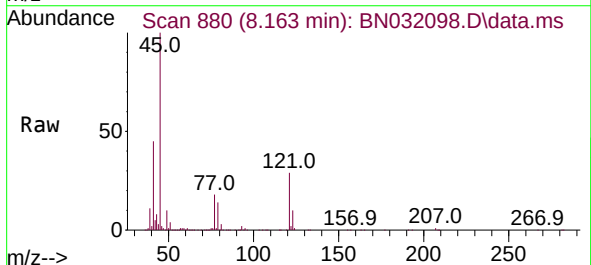
Manual IntegrationsAPPROVED

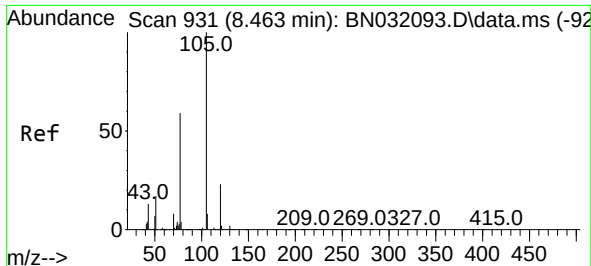
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.303 ng/ul
RT: 8.163 min Scan# 880
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Tgt Ion: 45 Resp: 796997
Ion Ratio Lower Upper
45 100
77 17.6 13.6 20.4
79 13.6 10.6 15.8





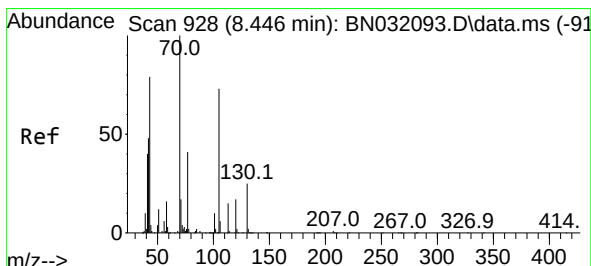
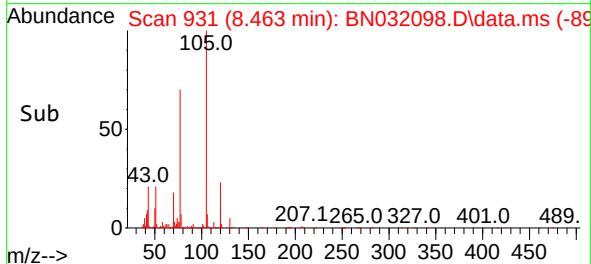
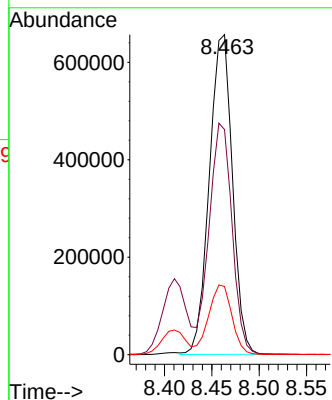
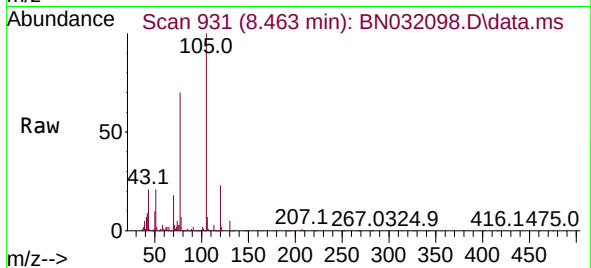
#16
Acetophenone
Concen: 32.090 ng/ul
RT: 8.463 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Instrument :
BNA_N
ClientSampleId :
SLCS544

Tgt Ion:105 Resp: 111302
Ion Ratio Lower Upper
105 100
77 70.4 58.6 87.8
51 21.3 17.2 25.8

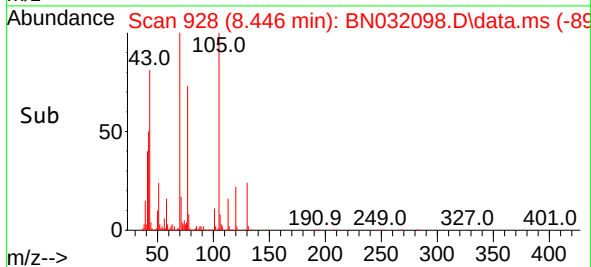
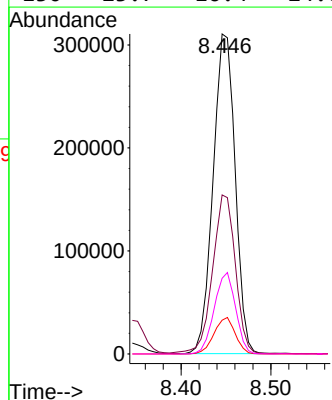
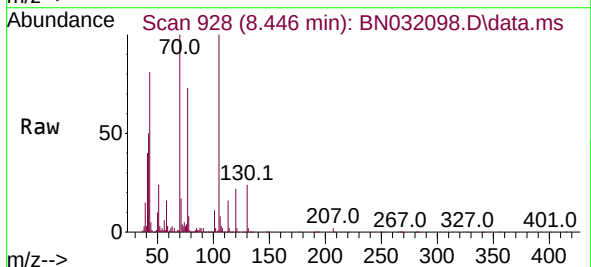
Manual IntegrationsAPPROVED

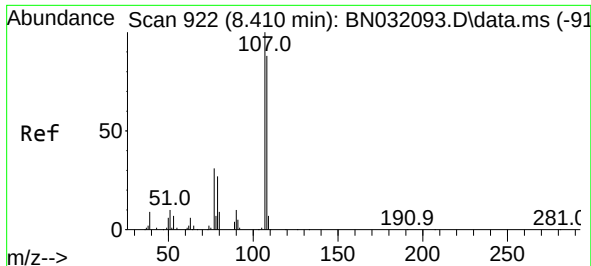
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#17
N-Nitroso-di-n-propylamine
Concen: 29.511 ng/ul
RT: 8.446 min Scan# 928
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

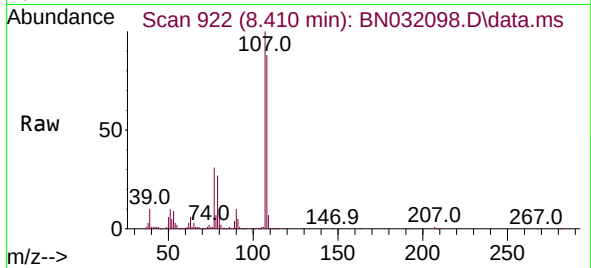
Tgt Ion: 70 Resp: 530414
Ion Ratio Lower Upper
70 100
42 49.7 37.3 55.9
101 10.6 7.8 11.6
130 23.7 16.4 24.6





#18
4-Methylphenol
Concen: 32.541 ng/ul
RT: 8.410 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

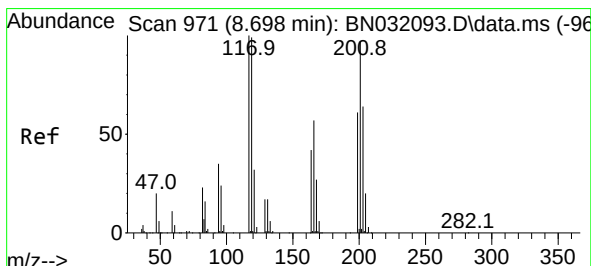
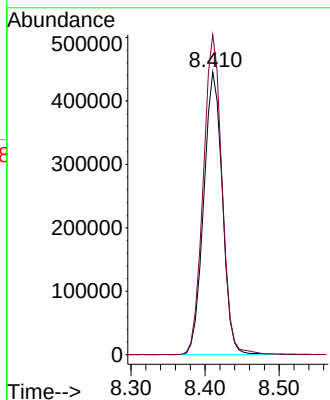
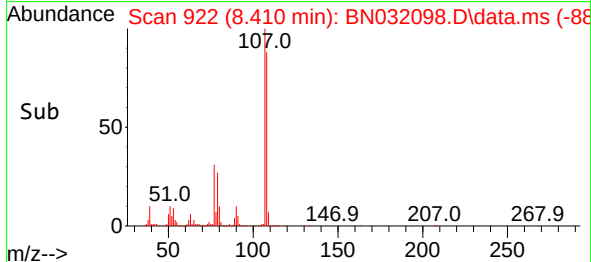
Instrument :
BNA_N
ClientSampleId :
SLCS544



Tgt Ion:108 Resp: 77848
Ion Ratio Lower Upper
108 100
107 113.2 89.6 134.4

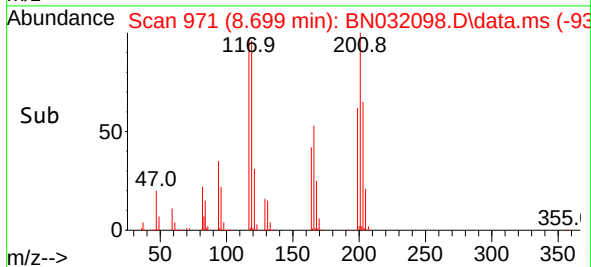
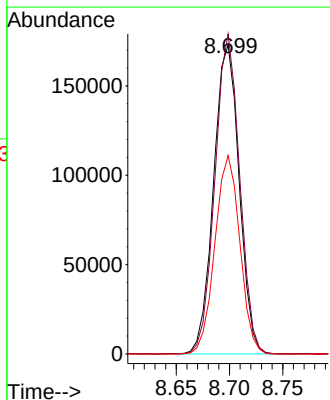
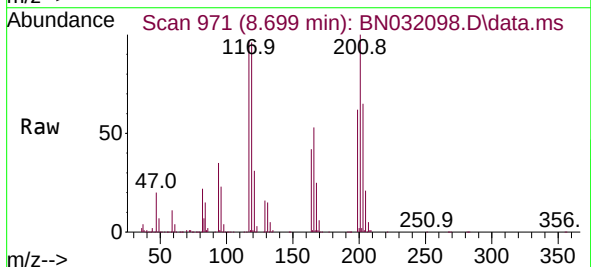
Manual IntegrationsAPPROVED

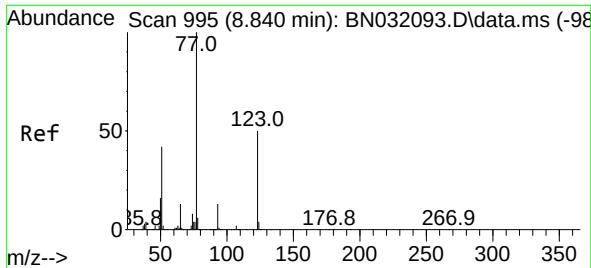
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#19
Hexachloroethane
Concen: 30.354 ng/ul
RT: 8.699 min Scan# 971
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

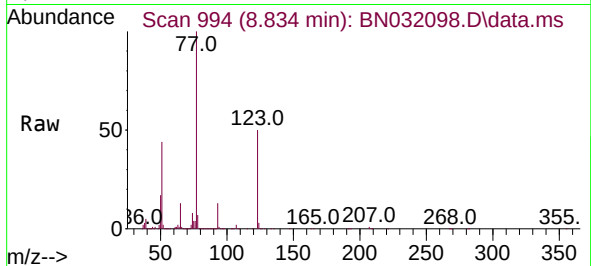
Tgt Ion:117 Resp: 288164
Ion Ratio Lower Upper
117 100
201 103.6 71.6 107.4
199 64.2 45.6 68.4





#22
Nitrobenzene
Concen: 28.170 ng/ul
RT: 8.834 min Scan# 994
Delta R.T. -0.006 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

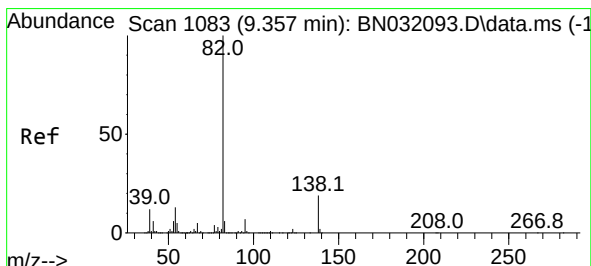
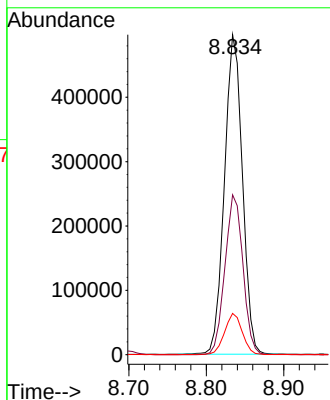
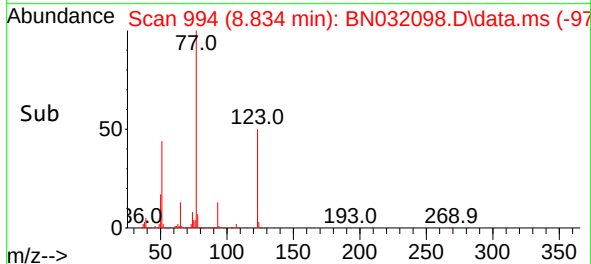
Instrument :
BNA_N
ClientSampleId :
SLCS544



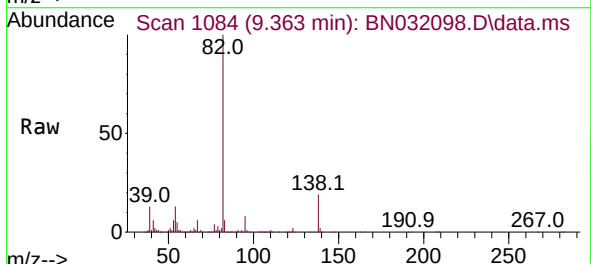
Tgt Ion: 77 Resp: 801707
Ion Ratio Lower Upper
77 100
123 50.0 36.6 55.0
65 12.9 10.2 15.4

Manual IntegrationsAPPROVED

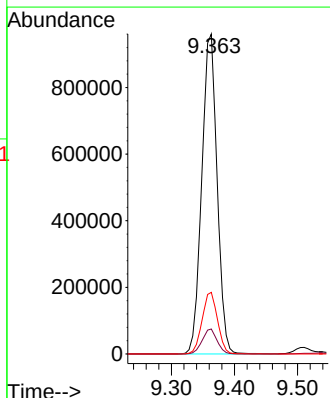
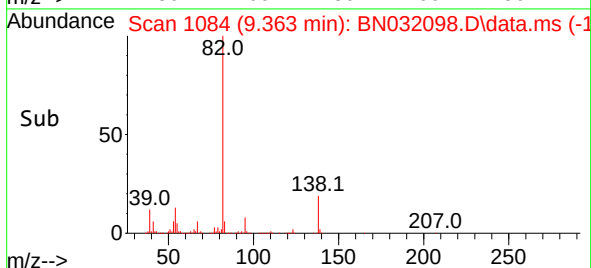
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

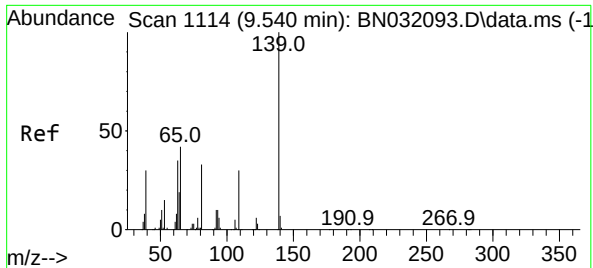


#23
Isophorone
Concen: 27.750 ng/ul
RT: 9.363 min Scan# 1084
Delta R.T. 0.006 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02



Tgt Ion: 82 Resp: 1620093
Ion Ratio Lower Upper
82 100
95 7.8 5.5 8.3
138 19.3 14.1 21.1





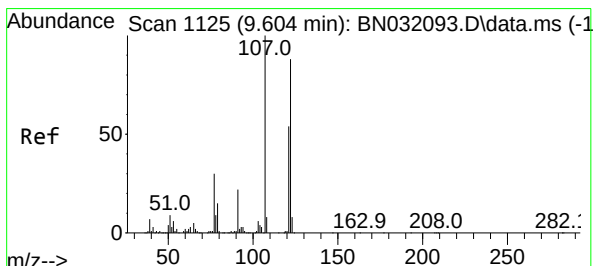
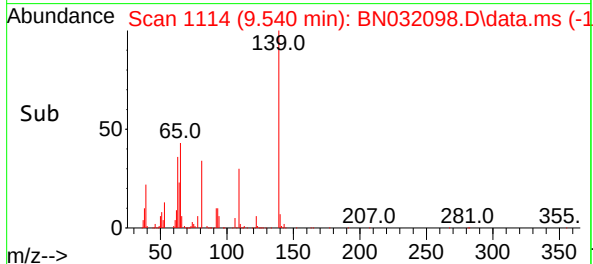
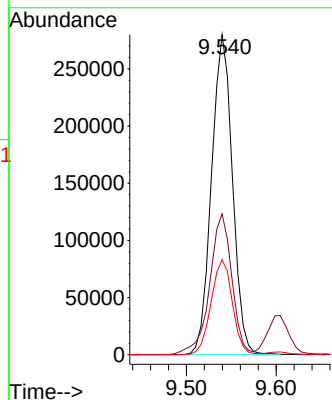
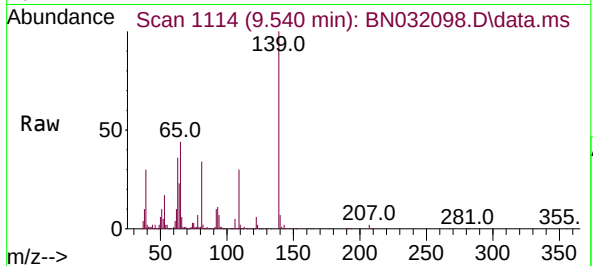
#25
2-Nitrophenol
Concen: 33.640 ng/ul
RT: 9.540 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Instrument :
BNA_N
ClientSampleId :
SLCS544

Tgt Ion:139 Resp: 453510
Ion Ratio Lower Upper
139 100
65 44.0 38.3 57.5
109 29.7 22.1 33.1

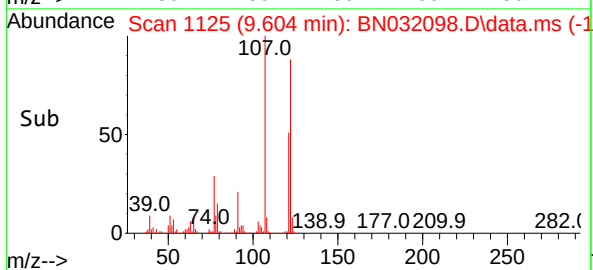
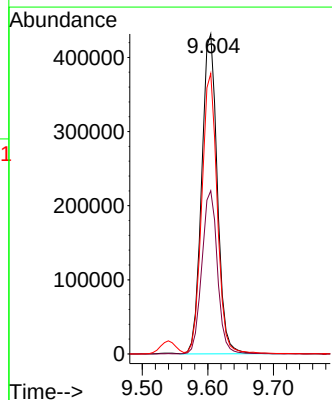
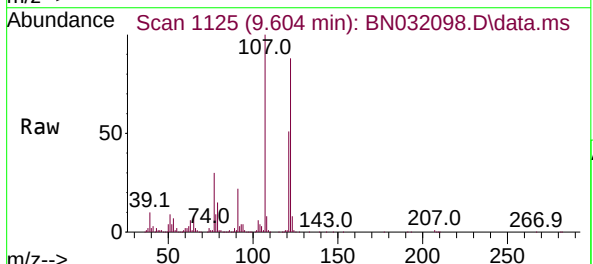
Manual IntegrationsAPPROVED

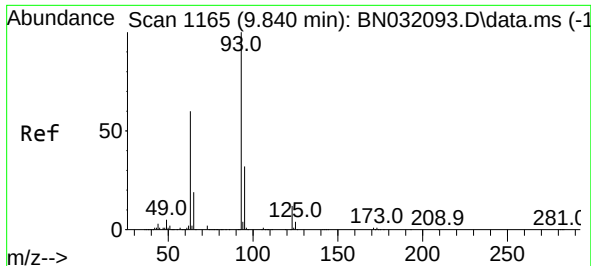
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#26
2,4-Dimethylphenol
Concen: 27.262 ng/ul
RT: 9.604 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

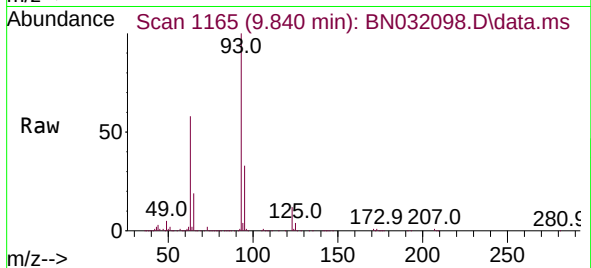
Tgt Ion:107 Resp: 714964
Ion Ratio Lower Upper
107 100
121 51.0 40.8 61.2
122 87.6 70.4 105.6





#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.732 ng/ul
 RT: 9.840 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

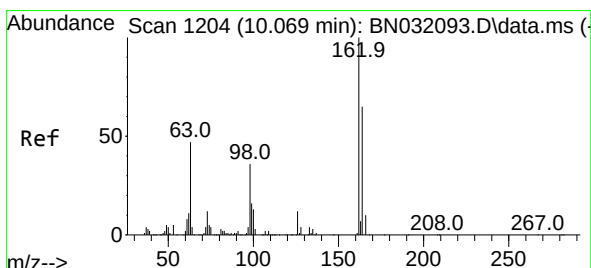
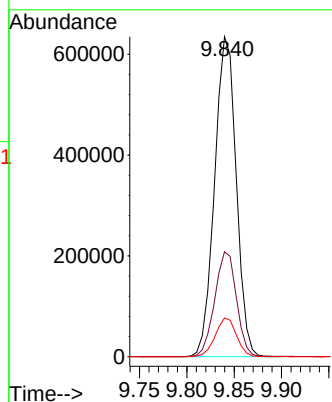
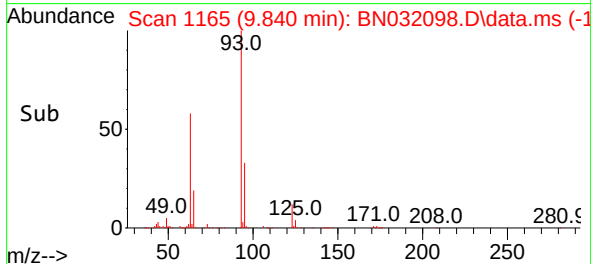
Instrument :
 BNA_N
 ClientSampleId :
 SLCS544



Tgt Ion: 93 Resp: 1009035
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.1 39.1
 123 12.1 9.0 13.6

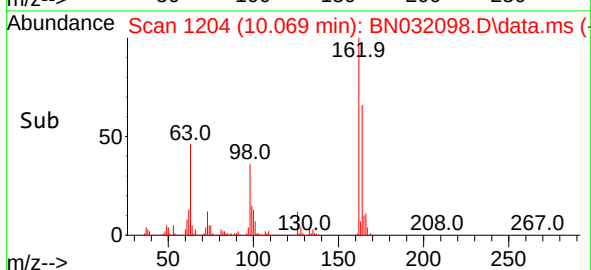
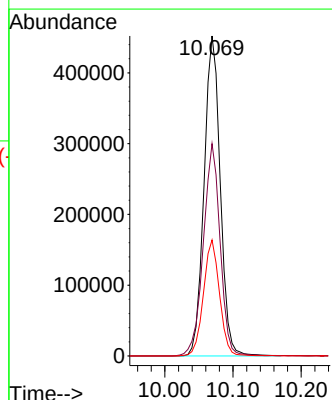
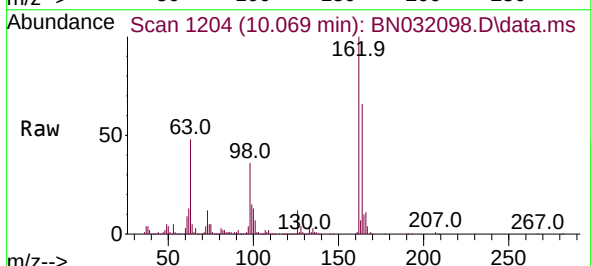
Manual IntegrationsAPPROVED

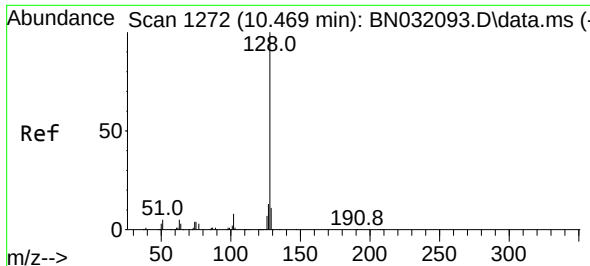
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024



#29
 2,4-Dichlorophenol
 Concen: 32.885 ng/ul
 RT: 10.069 min Scan# 1204
 Delta R.T. 0.000 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

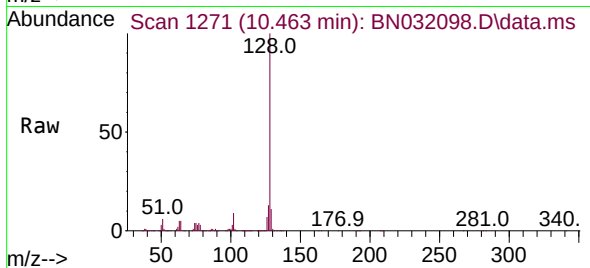
Tgt Ion:162 Resp: 747975
 Ion Ratio Lower Upper
 162 100
 164 66.4 52.7 79.1
 98 36.3 30.5 45.7





#30
Naphthalene
Concen: 30.202 ng/ul
RT: 10.463 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

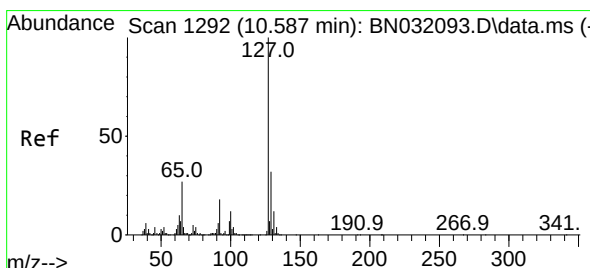
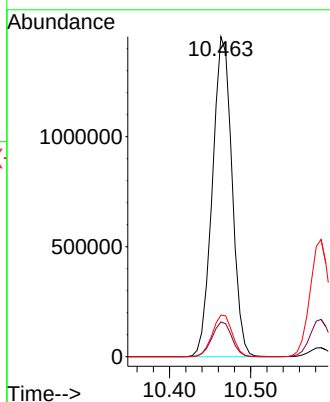
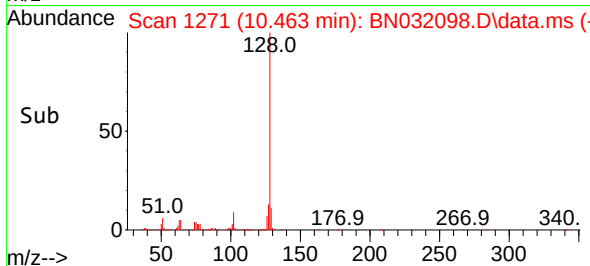
Instrument :
BNA_N
ClientSampleId :
SLCS544



Tgt Ion:128 Resp: 2441986
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.0 10.3 15.5

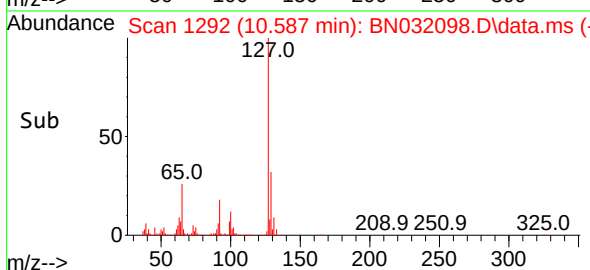
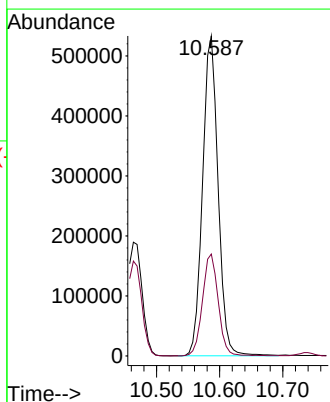
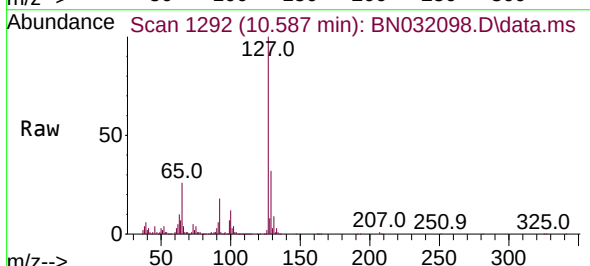
Manual IntegrationsAPPROVED

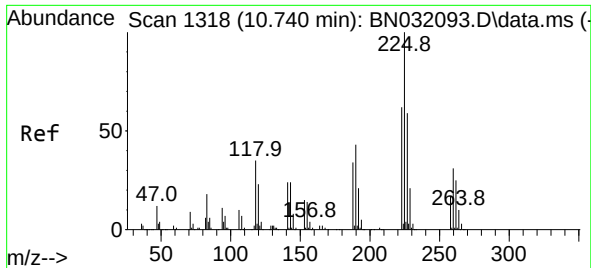
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#32
4-Chloroaniline
Concen: 27.354 ng/ul
RT: 10.587 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

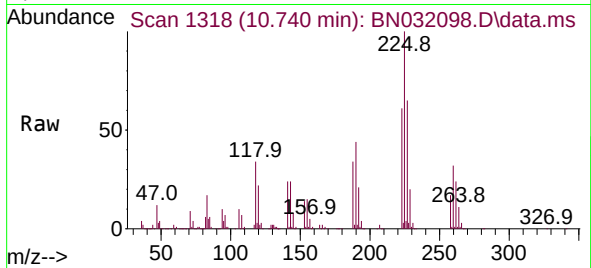
Tgt Ion:127 Resp: 908322
Ion Ratio Lower Upper
127 100
129 31.8 25.0 37.4





#33
Hexachlorobutadiene
Concen: 32.511 ng/ul
RT: 10.740 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

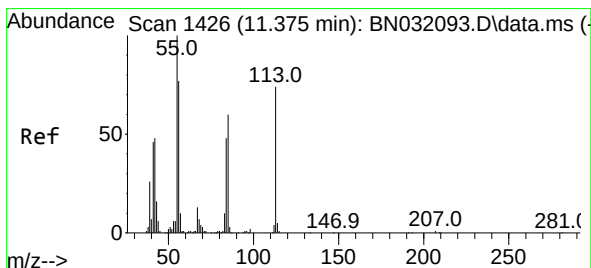
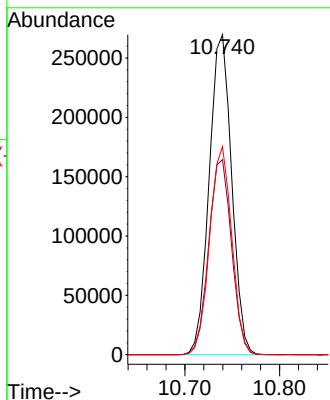
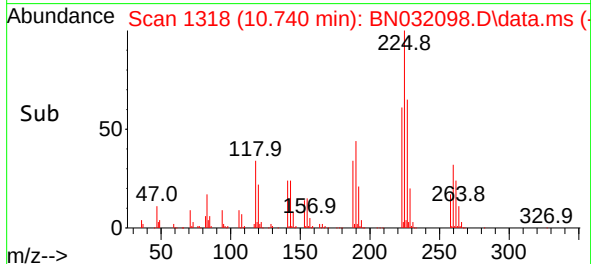
Instrument :
BNA_N
ClientSampleId :
SLCS544



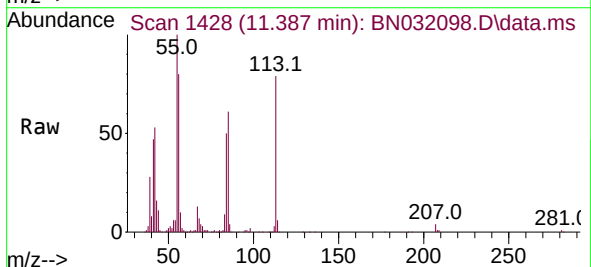
Tgt Ion:225 Resp: 444124
Ion Ratio Lower Upper
225 100
223 61.0 52.3 78.5
227 65.1 52.5 78.7

Manual IntegrationsAPPROVED

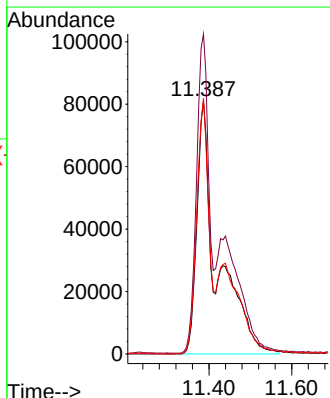
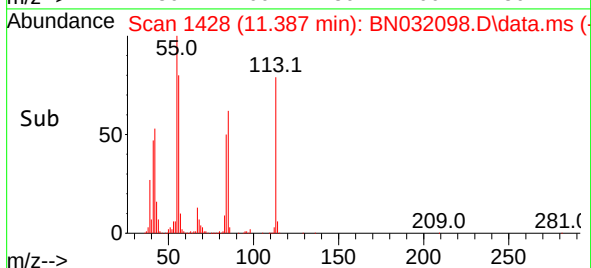
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

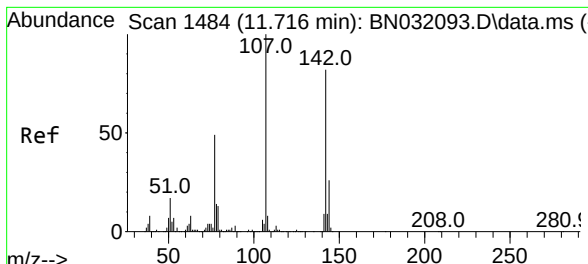


#34
Caprolactam
Concen: 31.109 ng/ul m
RT: 11.387 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02



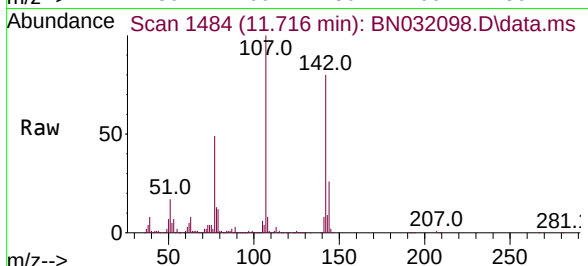
Tgt Ion:113 Resp: 276192
Ion Ratio Lower Upper
113 100
55 126.3 117.2 175.8
56 100.9 89.4 134.0





#35
 4-Chloro-3-methylphenol
 Concen: 32.364 ng/ul
 RT: 11.716 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

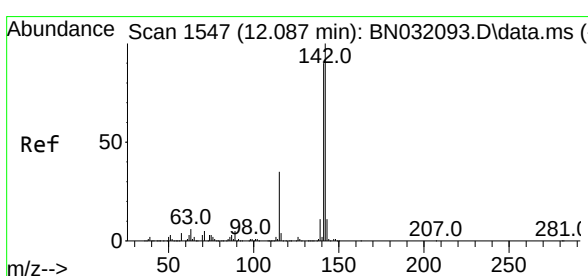
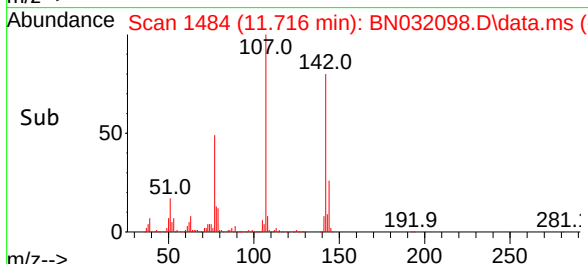
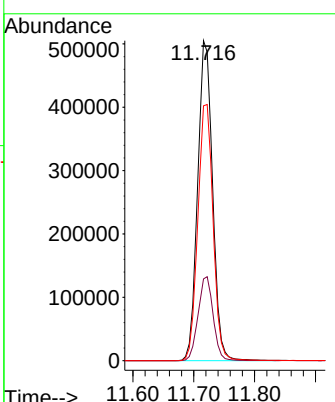
Instrument : BNA_N
 ClientSampleId : SLCS544



Tgt Ion:	107	Resp:	86043
Ion Ratio	Lower	Upper	
107	100		
144	25.6	20.5	30.7
142	79.7	64.0	96.0

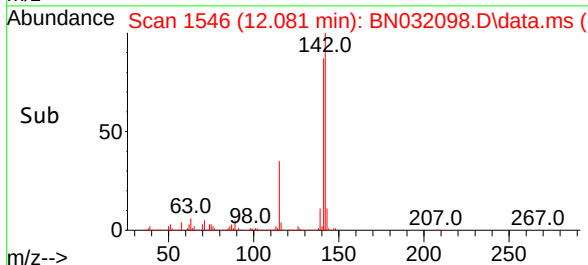
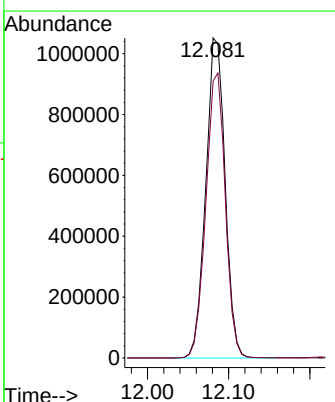
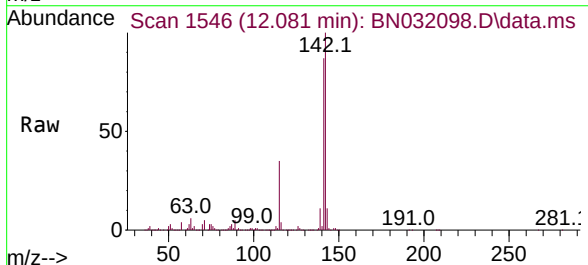
Manual IntegrationsAPPROVED

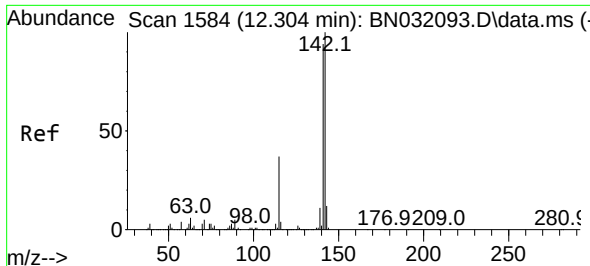
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024



#36
 2-Methylnaphthalene
 Concen: 31.460 ng/ul
 RT: 12.081 min Scan# 1546
 Delta R.T. -0.006 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

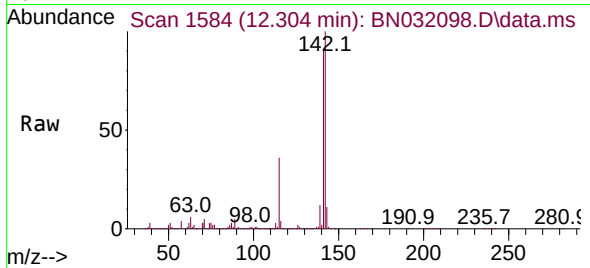
Tgt Ion:	142	Resp:	1738656
Ion Ratio	Lower	Upper	
142	100		
141	86.6	70.1	105.1





#37
1-Methylnaphthalene
Concen: 31.892 ng/ul
RT: 12.304 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

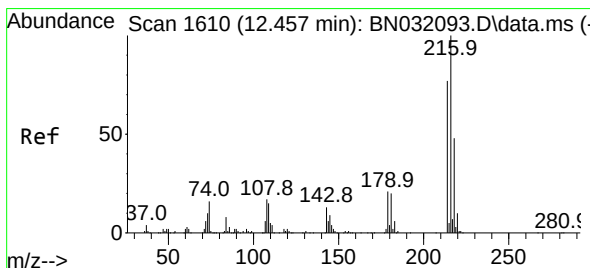
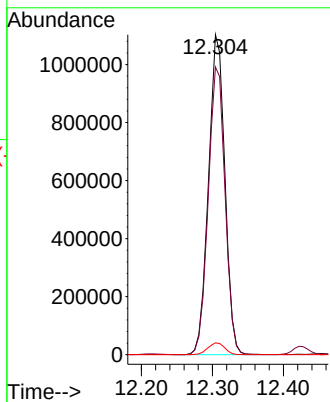
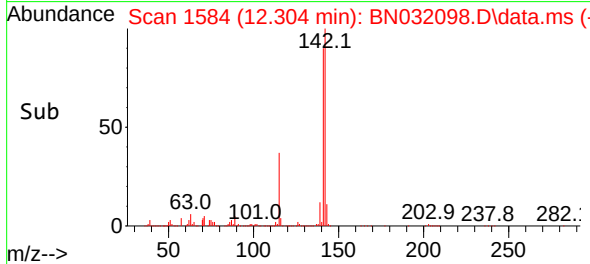
Instrument :
BNA_N
ClientSampleId :
SLCS544



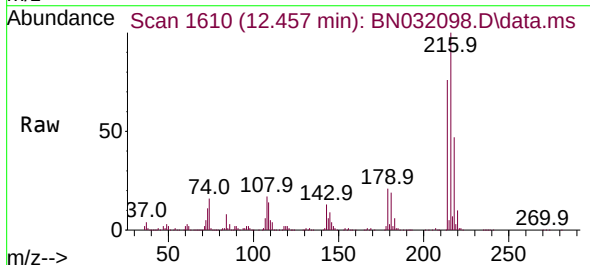
Tgt Ion:142 Resp: 1768510
Ion Ratio Lower Upper
142 100
141 89.9 71.7 107.5
116 3.7 3.0 4.4

Manual IntegrationsAPPROVED

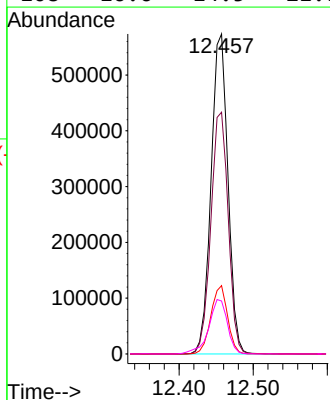
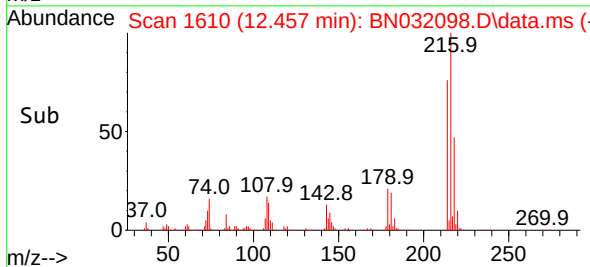
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

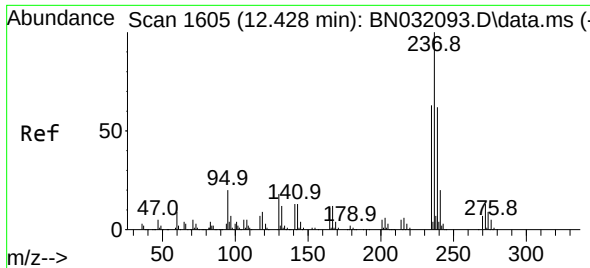


#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.754 ng/ul
RT: 12.457 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02



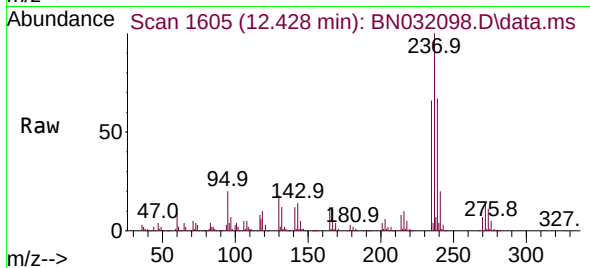
Tgt Ion:216 Resp: 906763
Ion Ratio Lower Upper
216 100
214 75.5 61.7 92.5
179 21.3 16.7 25.1
108 16.6 14.5 21.7





#40
Hexachlorocyclopentadiene
Concen: 21.145 ng/ul
RT: 12.428 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

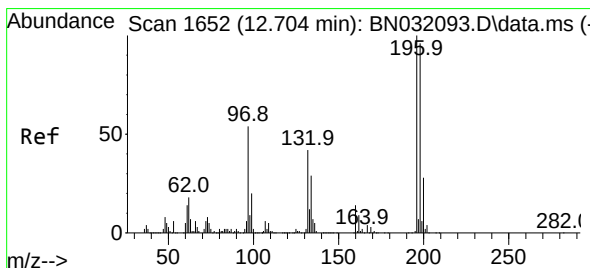
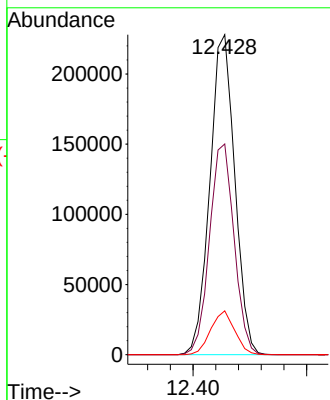
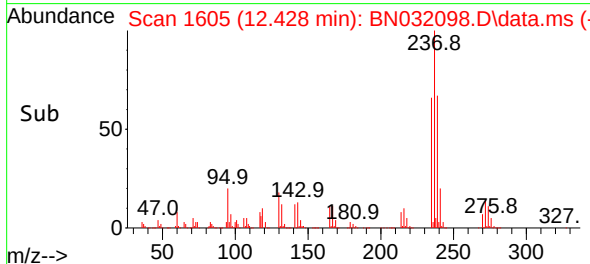
Instrument :
BNA_N
ClientSampleId :
SLCS544



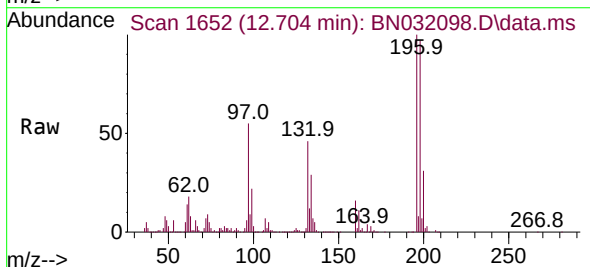
Tgt Ion:237 Resp: 34801
Ion Ratio Lower Upper
237 100
235 65.8 47.8 71.6
272 13.7 10.0 15.0

Manual IntegrationsAPPROVED

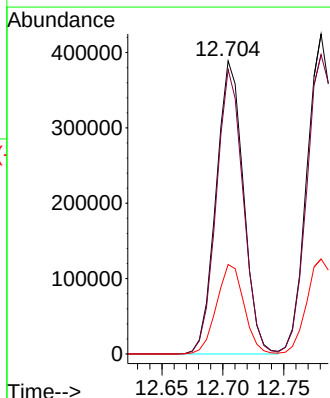
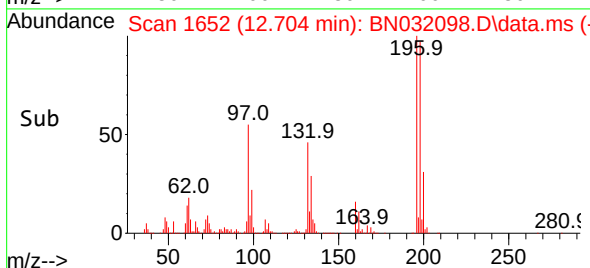
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

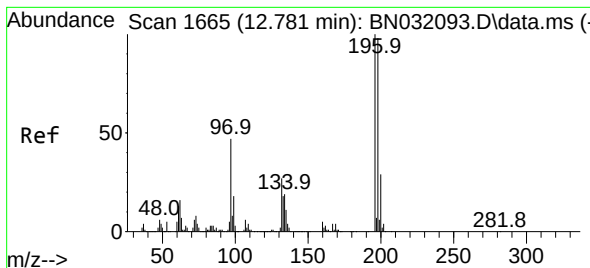


#41
2,4,6-Trichlorophenol
Concen: 31.372 ng/ul
RT: 12.704 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02



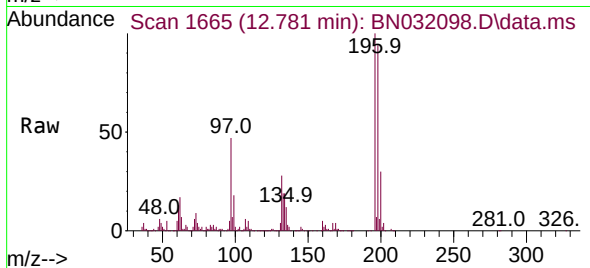
Tgt Ion:196 Resp: 608047
Ion Ratio Lower Upper
196 100
198 97.0 76.4 114.6
200 30.5 24.2 36.4





#42
2,4,5-Trichlorophenol
Concen: 32.362 ng/ul
RT: 12.781 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

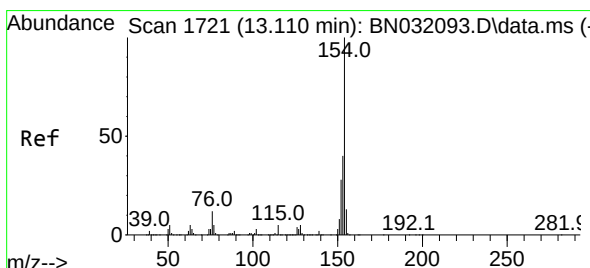
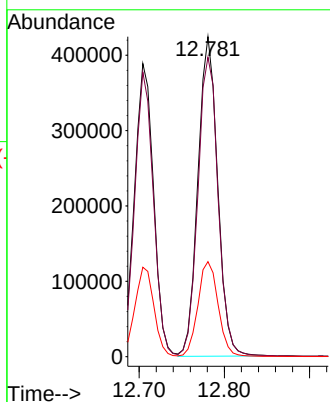
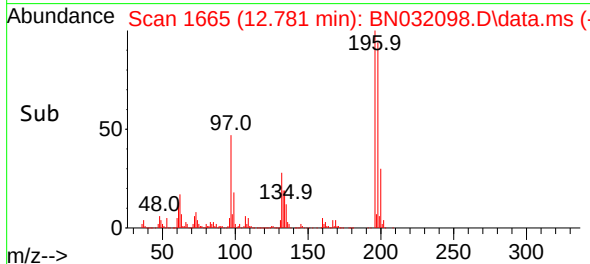
Instrument :
BNA_N
ClientSampleId :
SLCS544



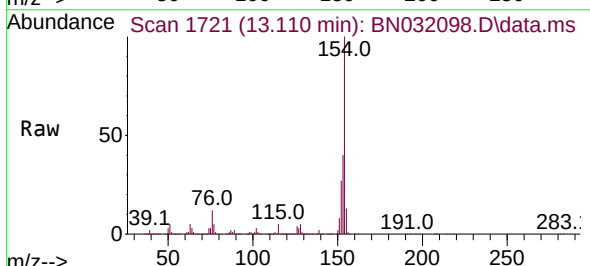
Tgt Ion:196 Resp: 68161
Ion Ratio Lower Upper
196 100
198 93.6 73.8 110.6
200 29.7 25.6 38.4

Manual IntegrationsAPPROVED

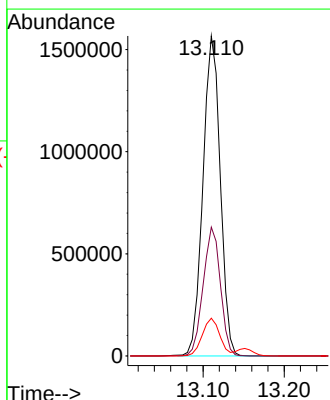
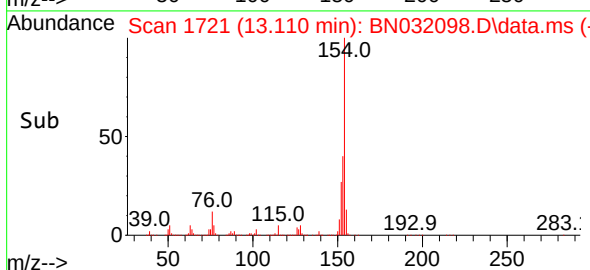
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

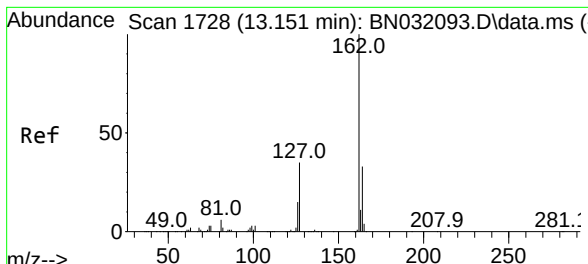


#43
1,1'-Biphenyl
Concen: 30.464 ng/ul
RT: 13.110 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02



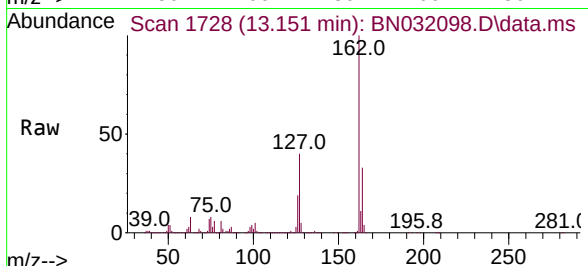
Tgt Ion:154 Resp: 2313688
Ion Ratio Lower Upper
154 100
153 40.3 30.6 46.0
76 11.8 11.1 16.7





#44
2-Chloronaphthalene
Concen: 30.207 ng/ul
RT: 13.151 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Instrument : BNA_N
ClientSampleId : SLCS544

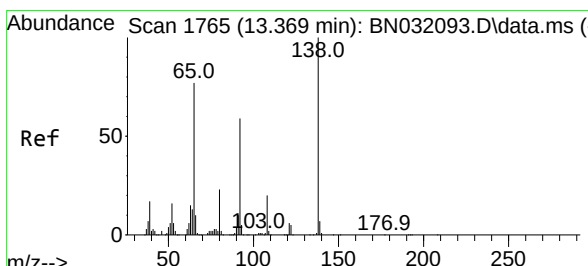
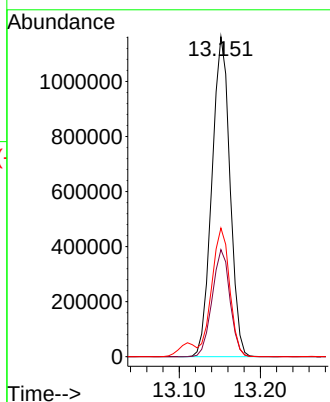
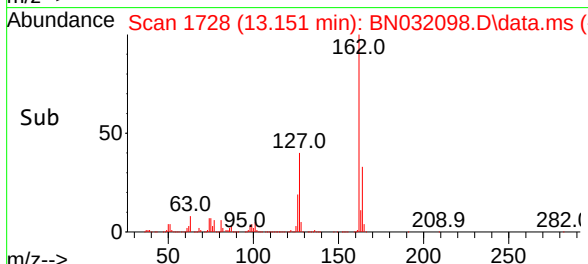


Tgt Ion: 162 Resp: 179684

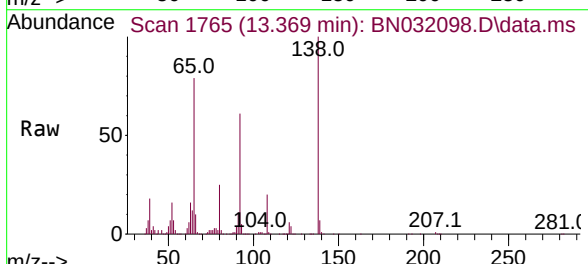
Ion	Ratio	Lower	Upper
162	100		
164	33.5	27.0	40.4
127	40.2	31.8	47.6

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

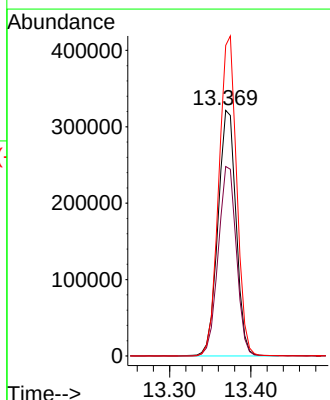
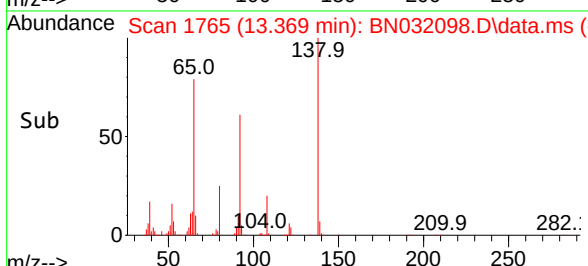


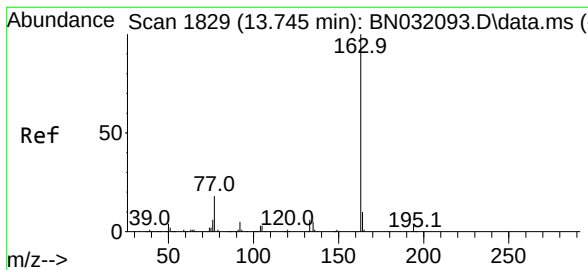
#45
2-Nitroaniline
Concen: 28.962 ng/ul
RT: 13.369 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02



Tgt Ion: 65 Resp: 499390

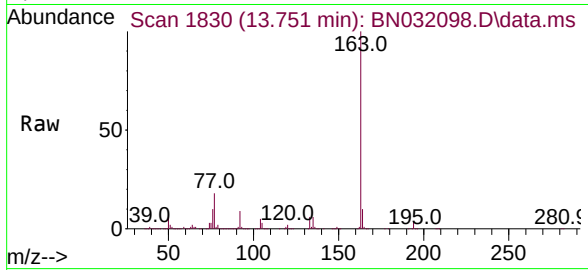
Ion	Ratio	Lower	Upper
65	100		
92	77.1	58.8	88.2
138	126.4	86.2	129.4





#47
Dimethylphthalate
Concen: 30.380 ng/ul
RT: 13.751 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

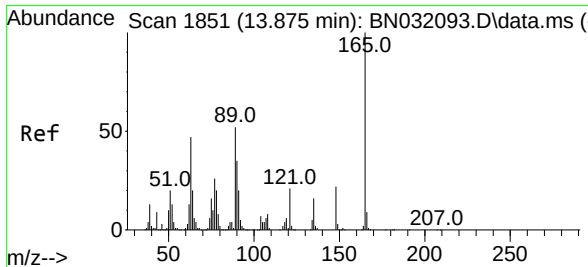
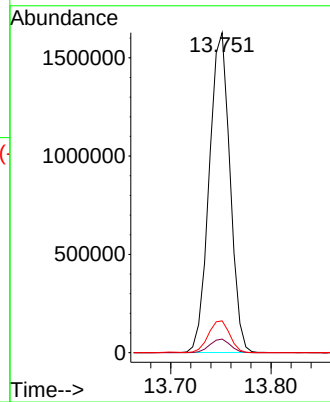
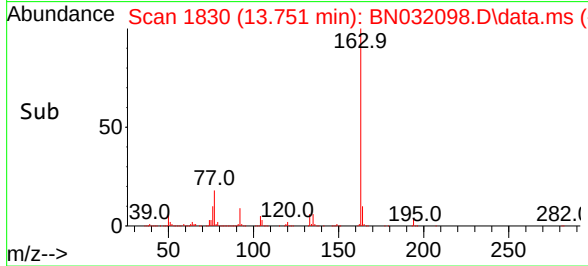
Instrument :
BNA_N
ClientSampleId :
SLCS544



Tgt Ion:163 Resp: 233712
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.9 8.2 12.2

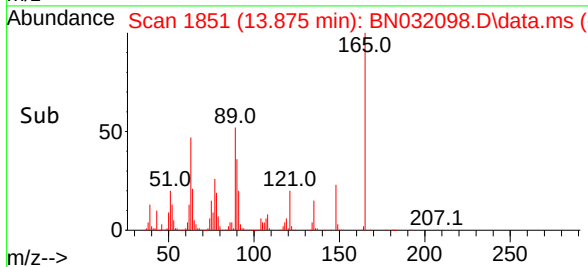
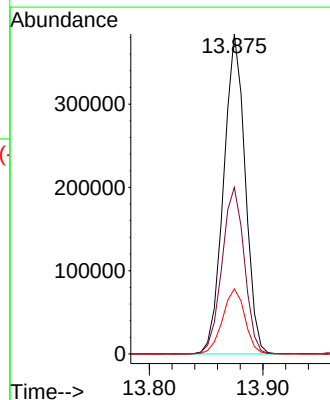
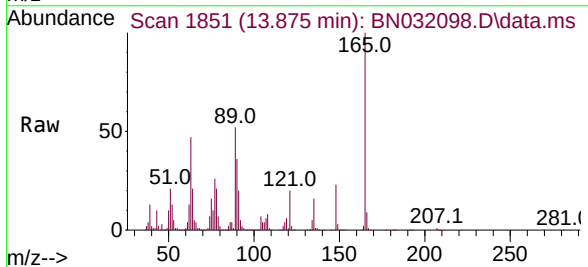
Manual IntegrationsAPPROVED

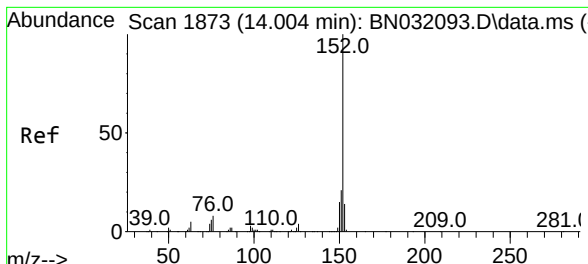
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#48
2,6-Dinitrotoluene
Concen: 33.160 ng/ul
RT: 13.875 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

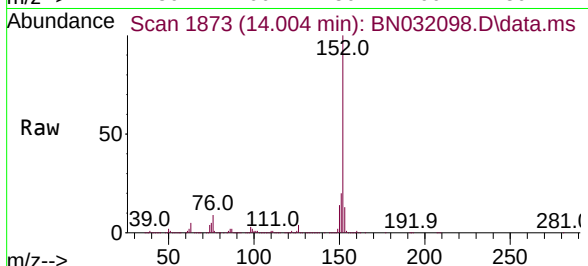
Tgt Ion:165 Resp: 507062
Ion Ratio Lower Upper
165 100
89 52.0 44.6 67.0
121 20.4 17.3 25.9





#50
Acenaphthylene
Concen: 29.778 ng/ul
RT: 14.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Instrument :
BNA_N
ClientSampleId :
SLCS544

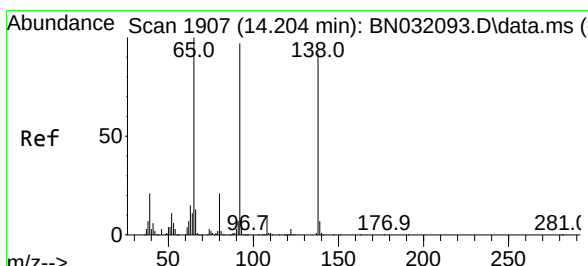
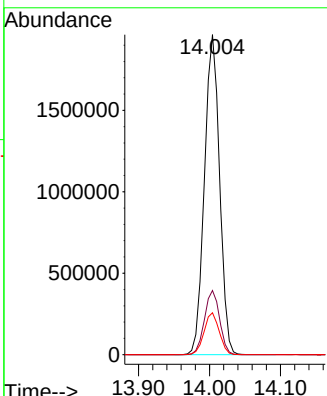
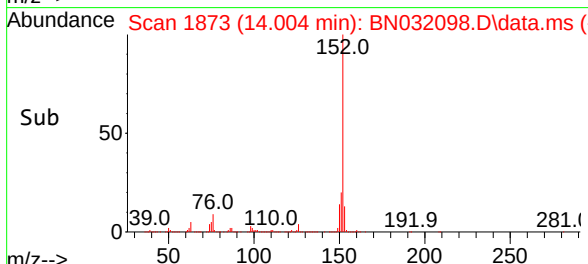


Tgt Ion:152 Resp: 2910804

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.1	10.4	15.6

Manual IntegrationsAPPROVED

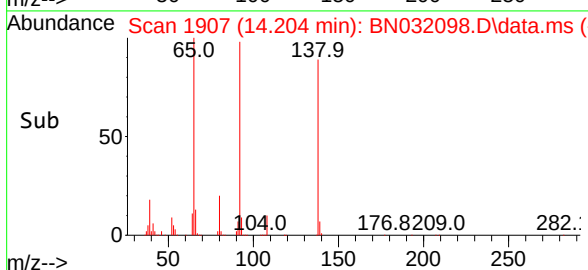
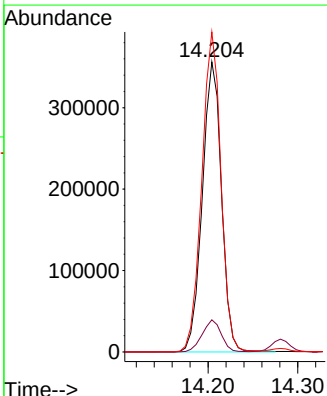
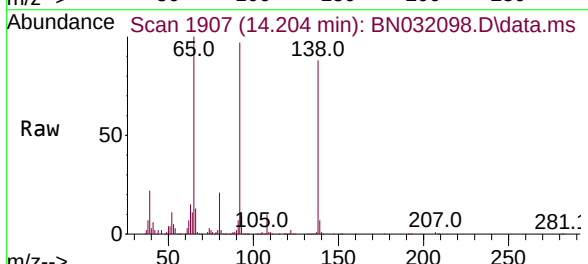
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

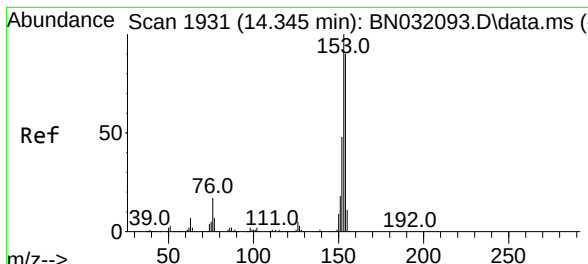


#51
3-Nitroaniline
Concen: 32.311 ng/ul
RT: 14.204 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Tgt Ion:138 Resp: 528273

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.2	13.8
92	110.3	94.0	141.0





#52
 Acenaphthene
 Concen: 29.061 ng/ul
 RT: 14.345 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

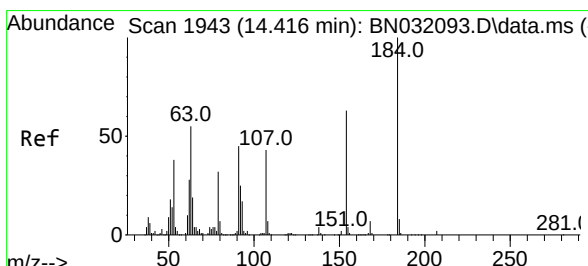
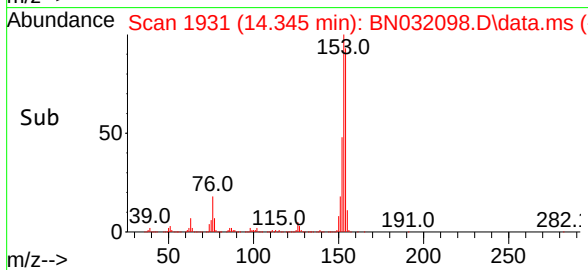
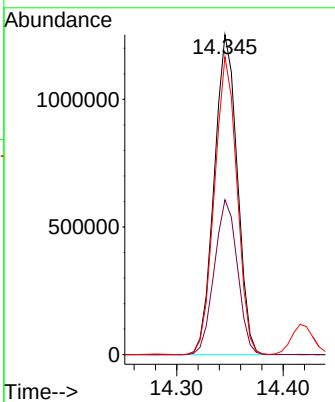
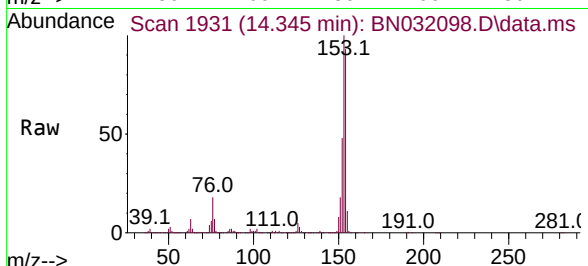
Instrument : BNA_N
 ClientSampleId : SLCS544

Tgt Ion:153 Resp: 1879619

Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.8	56.6
154	93.1	69.8	104.8

Manual IntegrationsAPPROVED

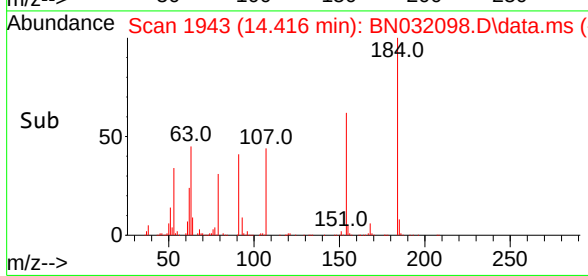
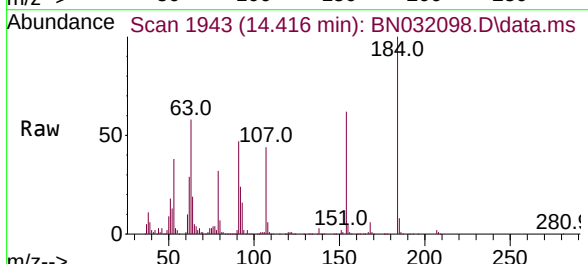
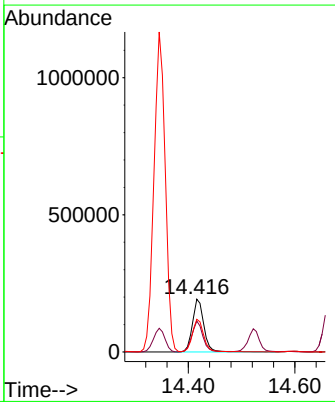
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

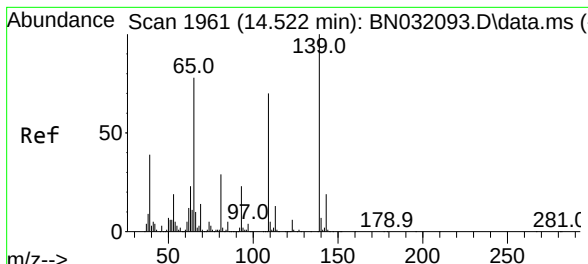


#53
 2,4-Dinitrophenol
 Concen: 37.071 ng/ul
 RT: 14.416 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

Tgt Ion:184 Resp: 286182

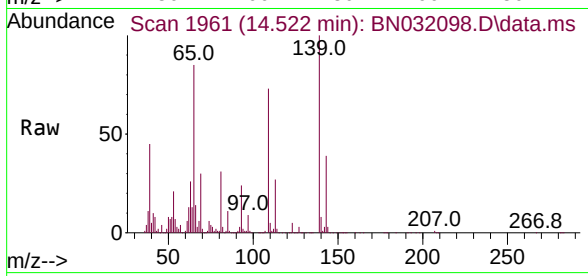
Ion	Ratio	Lower	Upper
184	100		
63	58.4	50.2	75.4
154	61.8	49.1	73.7





#55
 4-Nitrophenol
 Concen: 30.370 ng/ul
 RT: 14.522 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

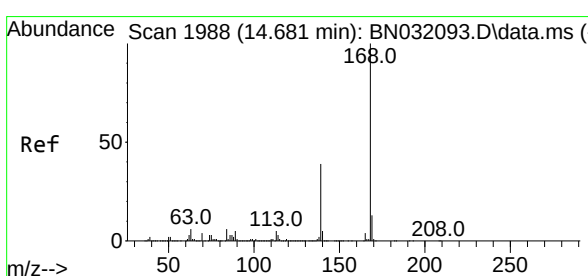
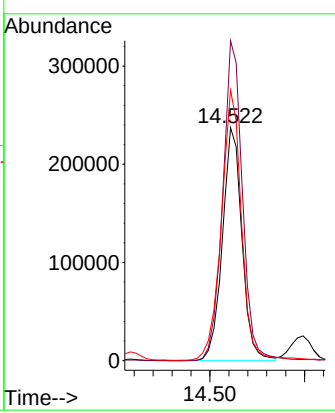
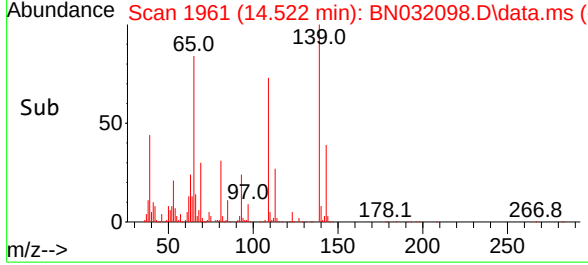
Instrument : BNA_N
 ClientSampleId : SLCS544



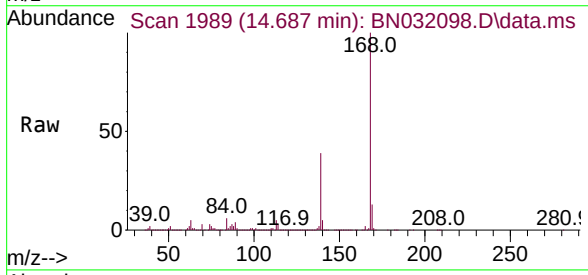
Tgt Ion:	109	Resp:	33931
Ion Ratio	Lower	Upper	
109	100		
139	137.4	113.4	170.2
65	116.2	106.2	159.2

Manual IntegrationsAPPROVED

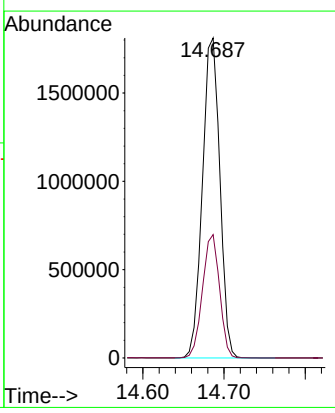
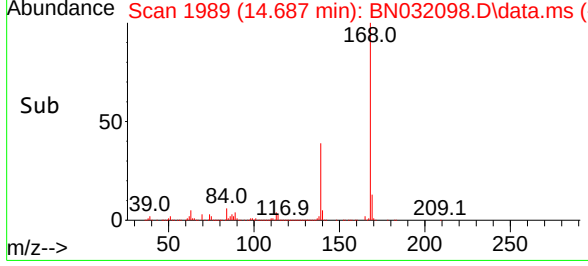
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

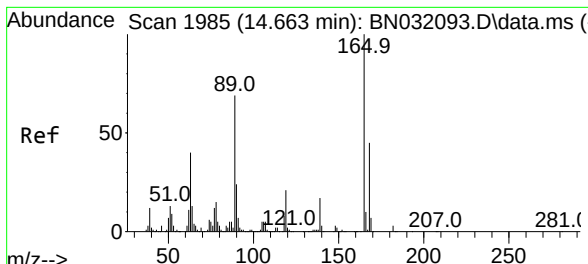


#56
 Dibenzofuran
 Concen: 30.689 ng/ul
 RT: 14.687 min Scan# 1989
 Delta R.T. 0.006 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02



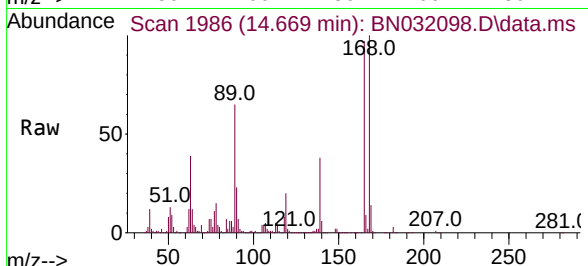
Tgt Ion:	168	Resp:	2696746
Ion Ratio	Lower	Upper	
168	100		
139	38.6	29.4	44.0





#57
 2,4-Dinitrotoluene
 Concen: 32.393 ng/ul
 RT: 14.669 min Scan# 1985
 Delta R.T. 0.006 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

Instrument :
 BNA_N
 ClientSampleId :
 SLCS544

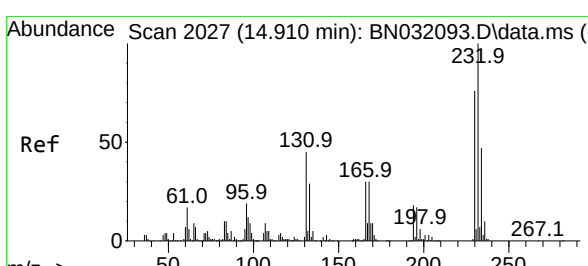
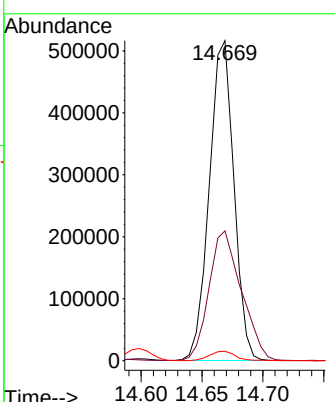
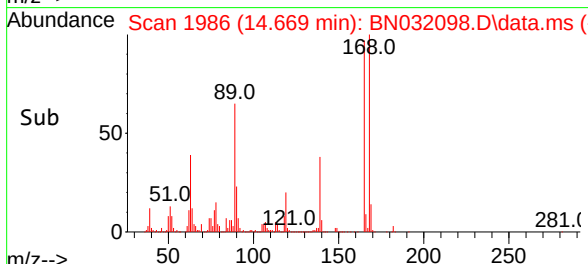


Tgt Ion:165 Resp: 726824

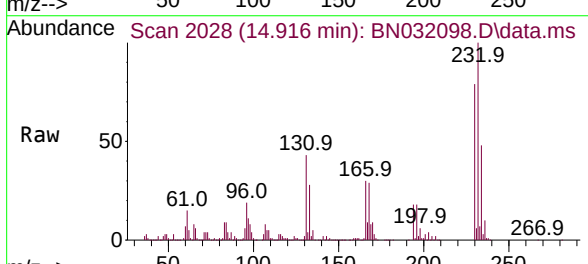
Ion	Ratio	Lower	Upper
165	100		
63	40.5	32.2	48.2
182	2.9	2.3	3.5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

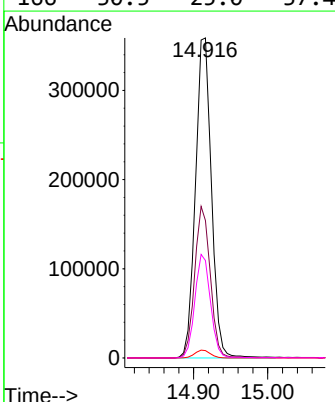
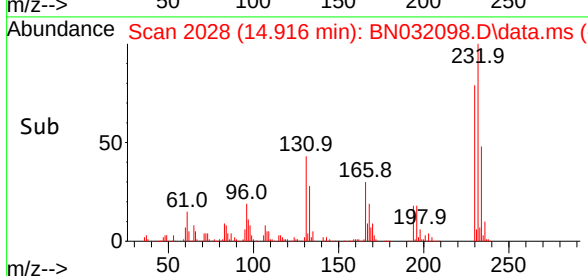


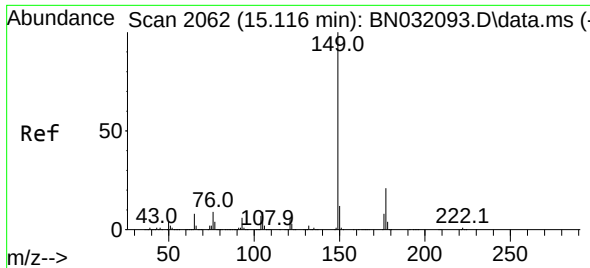
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.480 ng/ul
 RT: 14.916 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02



Tgt Ion:232 Resp: 536994

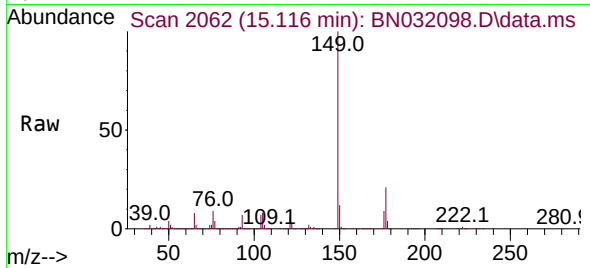
Ion	Ratio	Lower	Upper
232	100		
131	43.0	36.6	55.0
130	2.3	1.8	2.8
166	30.5	25.0	37.4





#59
Diethylphthalate
Concen: 31.160 ng/ul
RT: 15.116 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

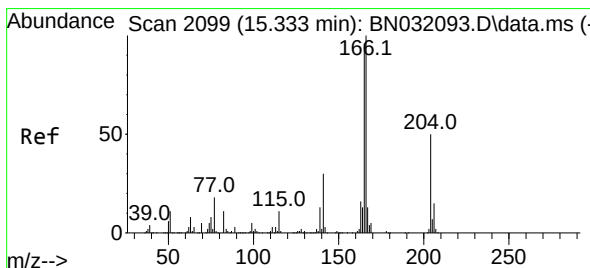
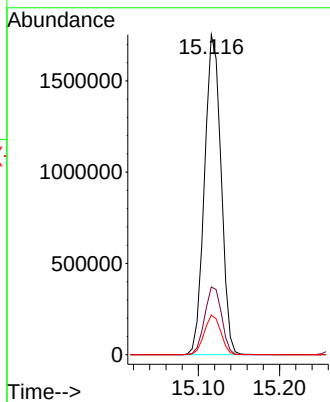
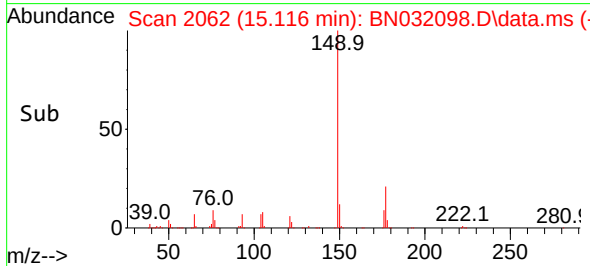
Instrument :
BNA_N
ClientSampleId :
SLCS544



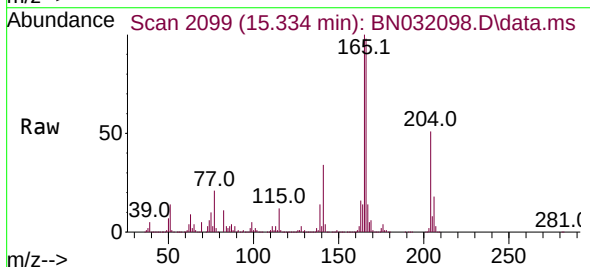
Tgt Ion:149 Resp: 2473558
Ion Ratio Lower Upper
149 100
177 21.1 17.1 25.7
150 12.4 10.0 15.0

Manual IntegrationsAPPROVED

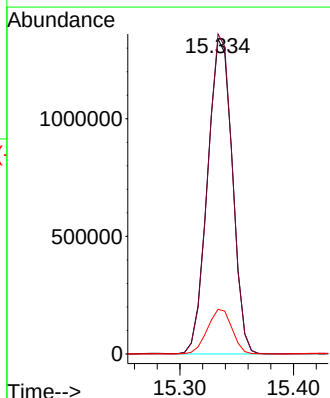
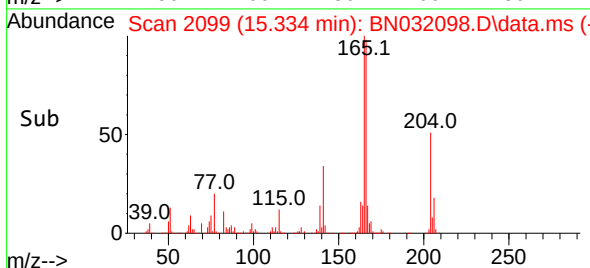
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

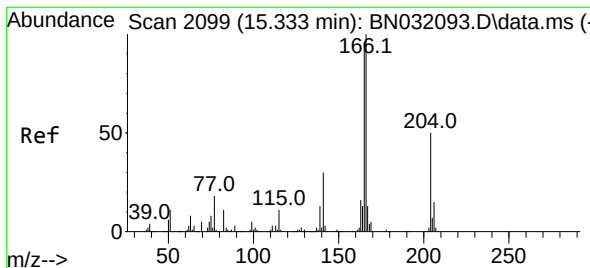


#61
Fluorene
Concen: 28.842 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02



Tgt Ion:166 Resp: 2040901
Ion Ratio Lower Upper
166 100
165 101.6 80.3 120.5
167 14.2 11.3 16.9





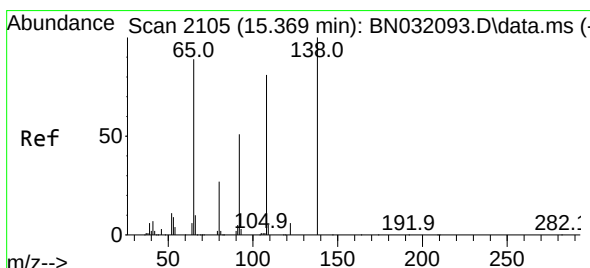
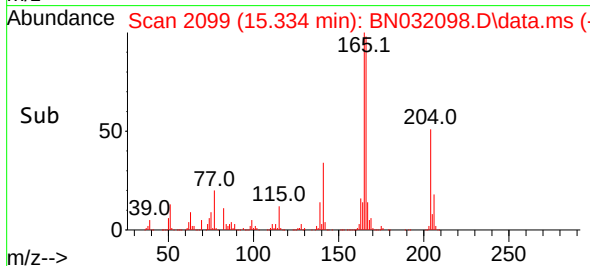
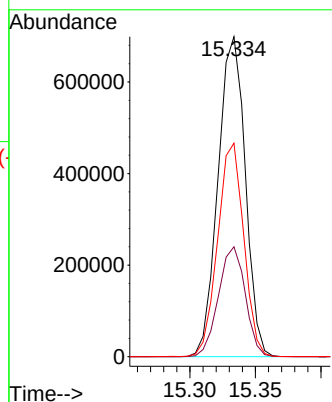
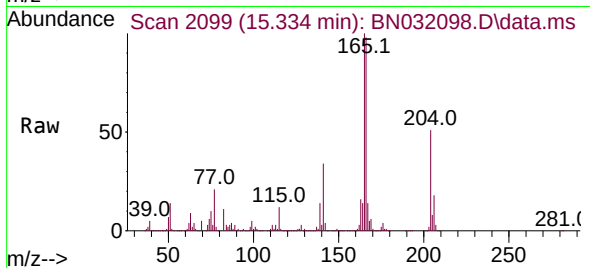
#62
4-Chlorophenyl-phenylether
Concen: 29.457 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Instrument :
BNA_N
ClientSampleId :
SLCS544

Tgt Ion:204 Resp: 1009612
Ion Ratio Lower Upper
204 100
206 34.3 25.7 38.5
141 66.7 47.7 71.5

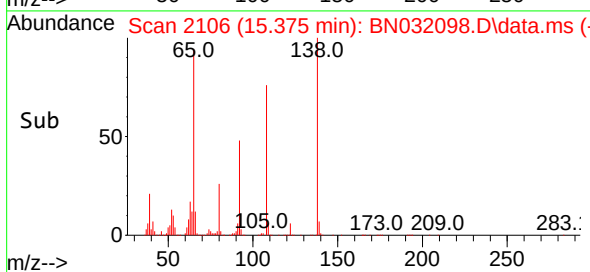
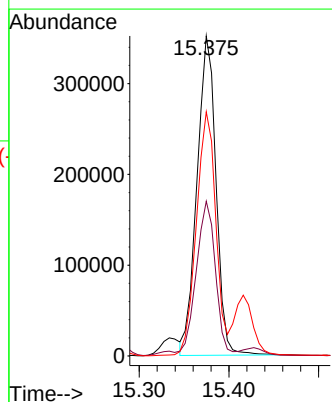
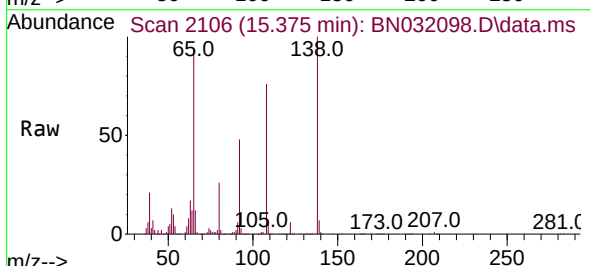
Manual IntegrationsAPPROVED

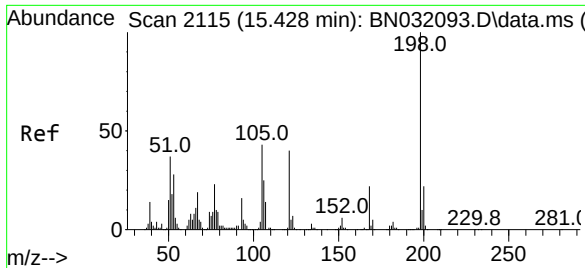
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#63
4-Nitroaniline
Concen: 33.314 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

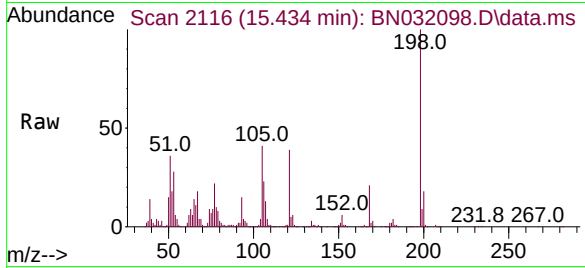
Tgt Ion:138 Resp: 518503
Ion Ratio Lower Upper
138 100
92 48.4 41.0 61.4
108 76.3 60.1 90.1





#66
4,6-Dinitro-2-methylphenol
Concen: 37.051 ng/ul
RT: 15.434 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

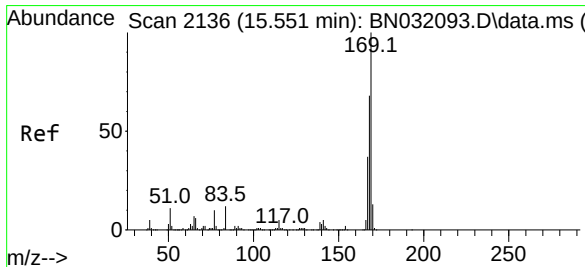
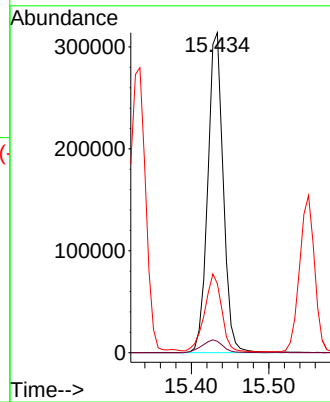
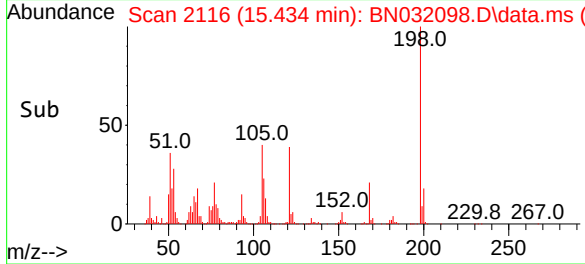
Instrument :
BNA_N
ClientSampleId :
SLCS544



Tgt Ion:198 Resp: 435139
Ion Ratio Lower Upper
198 100
182 3.5 3.0 4.6
77 21.6 19.4 29.2

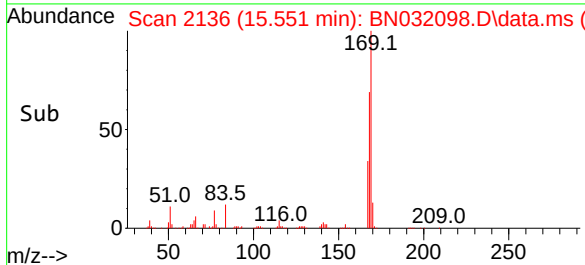
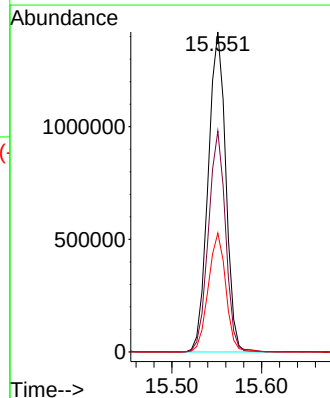
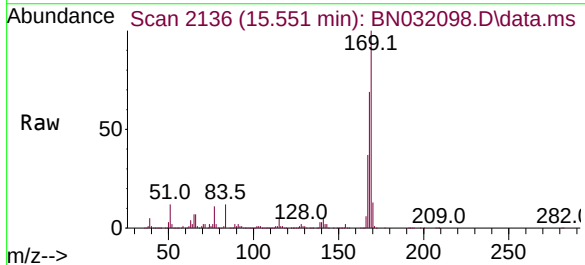
Manual IntegrationsAPPROVED

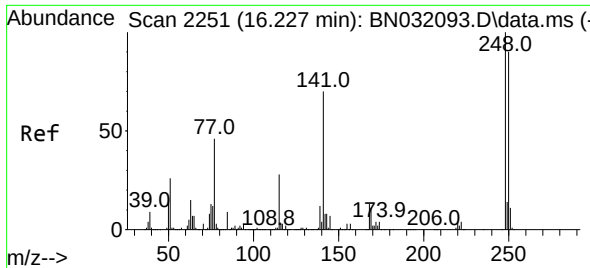
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#67
N-Nitrosodiphenylamine
Concen: 31.923 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Tgt Ion:169 Resp: 1933992
Ion Ratio Lower Upper
169 100
168 69.0 52.7 79.1
167 37.2 29.6 44.4





#68
4-Bromophenyl-phenylether
Concen: 32.543 ng/ul
RT: 16.228 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Instrument :

BNA_N

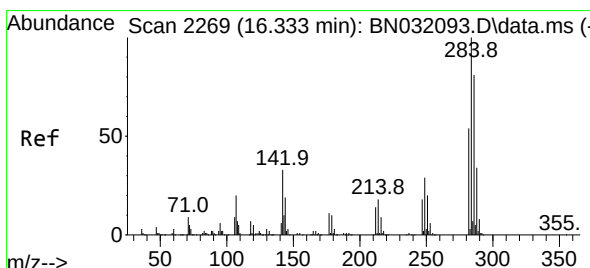
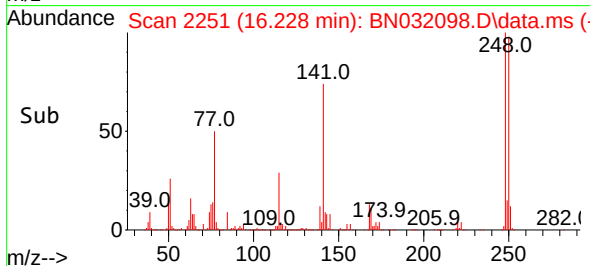
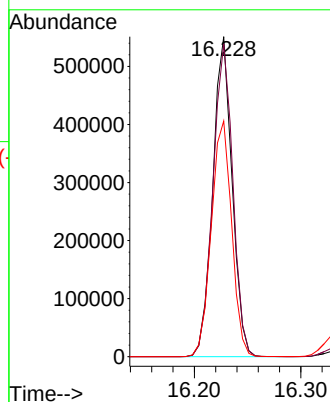
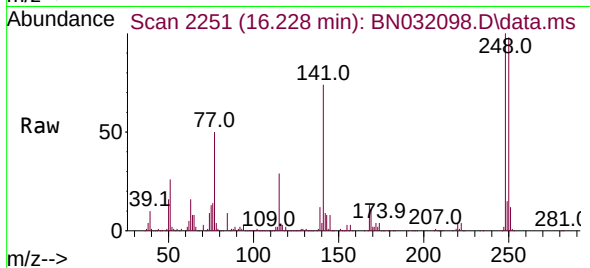
ClientSampleId :

SLCS544

Tgt Ion:248 Resp: 693009
Ion Ratio Lower Upper
248 100
250 97.8 76.5 114.7
141 73.6 63.9 95.9

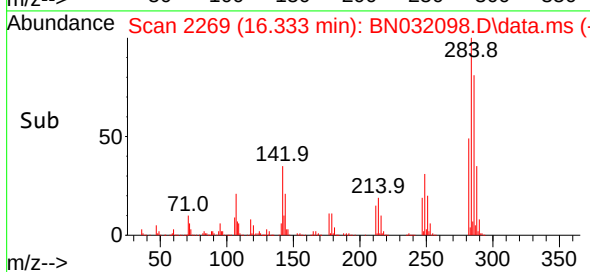
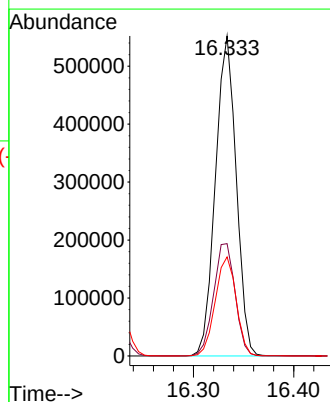
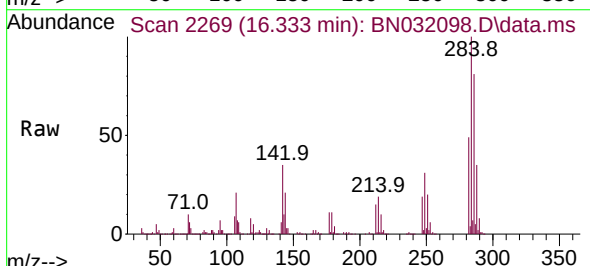
Manual IntegrationsAPPROVED

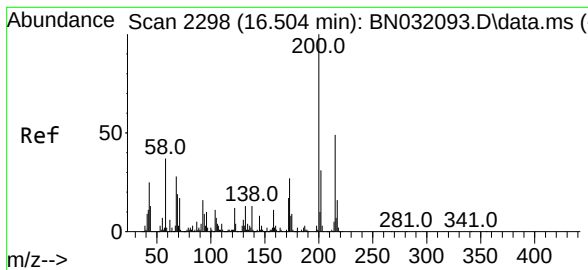
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#69
Hexachlorobenzene
Concen: 32.859 ng/ul
RT: 16.333 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Tgt Ion:284 Resp: 793090
Ion Ratio Lower Upper
284 100
142 35.1 31.1 46.7
249 31.0 25.7 38.5





#70

Atrazine

Concen: 15.285 ng/ul

RT: 16.510 min Scan# 2298

Delta R.T. 0.006 min

Lab File: BN032098.D

Acq: 20 Jun 2024 16:02

Instrument :

BNA_N

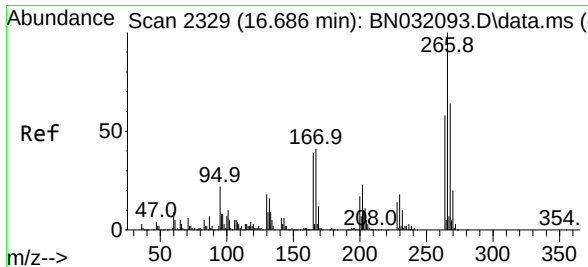
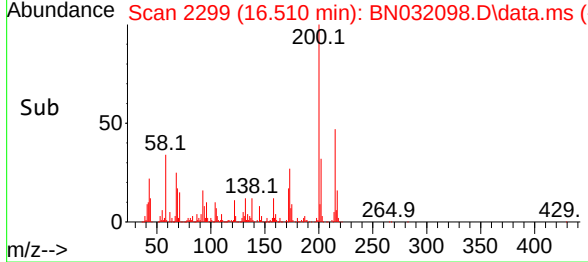
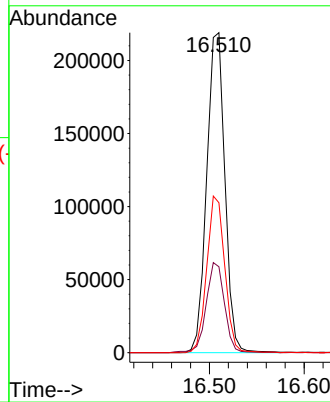
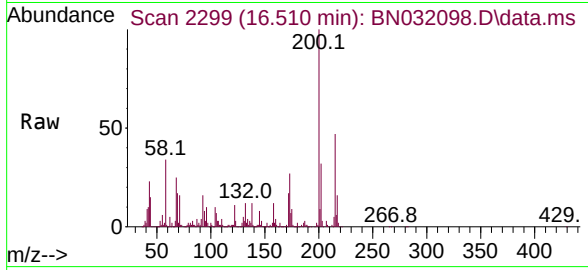
ClientSampleId :

SLCS544

Tgt Ion:200 Resp: 292369
 Ion Ratio Lower Upper
 200 100
 173 26.9 21.2 31.8
 215 46.9 38.9 58.3

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024



#71

Pentachlorophenol

Concen: 29.805 ng/ul

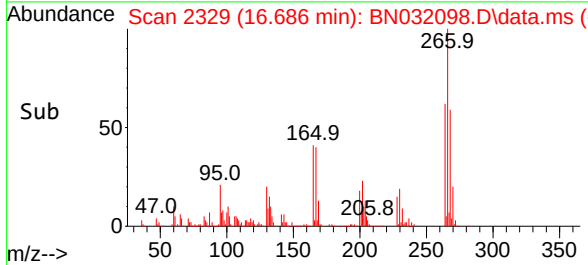
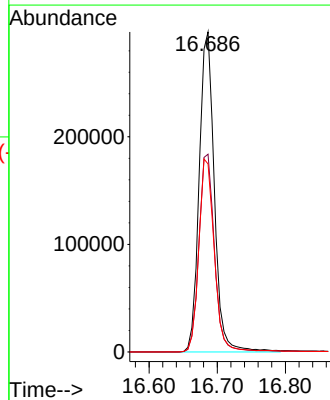
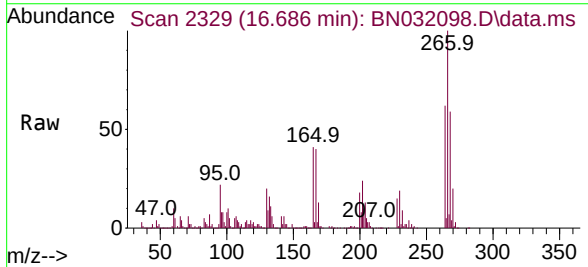
RT: 16.686 min Scan# 2329

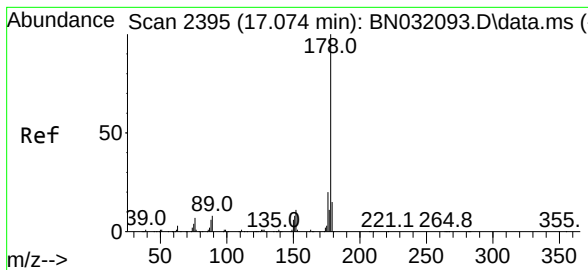
Delta R.T. 0.000 min

Lab File: BN032098.D

Acq: 20 Jun 2024 16:02

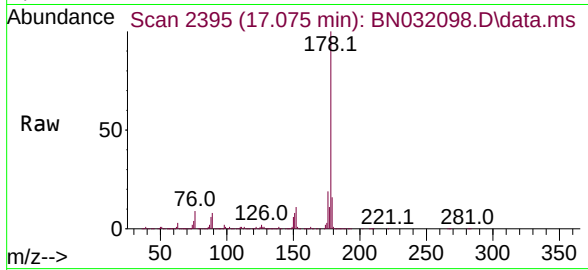
Tgt Ion:266 Resp: 460257
 Ion Ratio Lower Upper
 266 100
 264 61.8 54.7 82.1
 268 58.8 53.4 80.2





#72
 Phenanthrene
 Concen: 30.844 ng/ul
 RT: 17.075 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

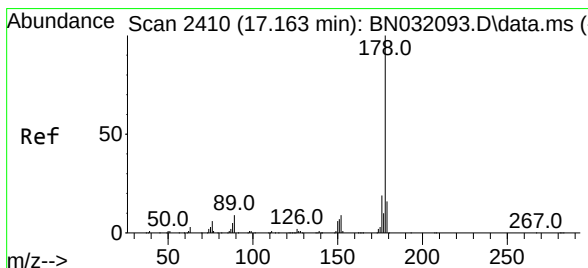
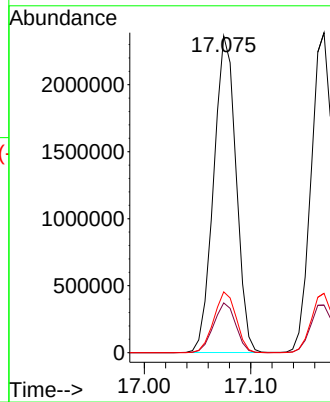
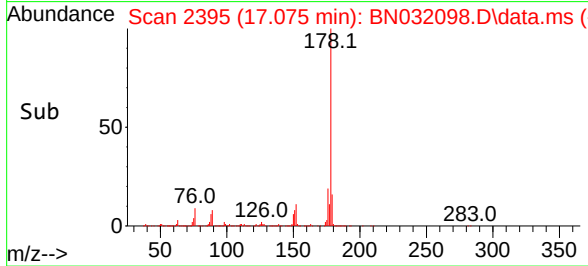
Instrument :
 BNA_N
 ClientSampleId :
 SLCS544



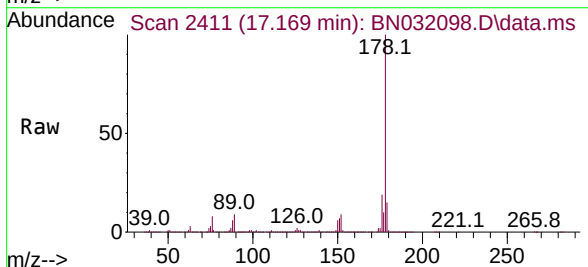
Tgt Ion:178 Resp: 3453320
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.6 19.0
 176 19.2 15.8 23.6

Manual IntegrationsAPPROVED

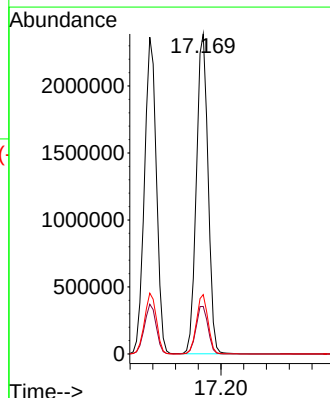
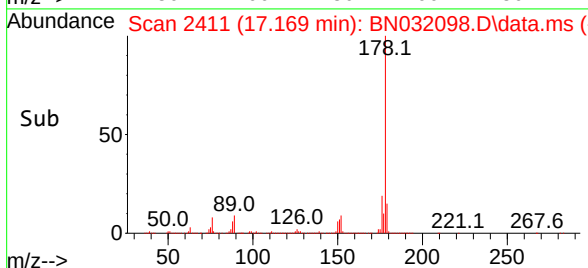
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

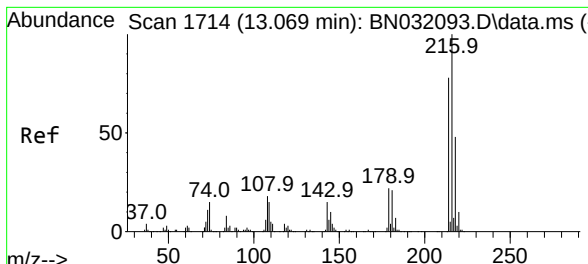


#74
 Anthracene
 Concen: 30.153 ng/ul
 RT: 17.169 min Scan# 2411
 Delta R.T. 0.006 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02



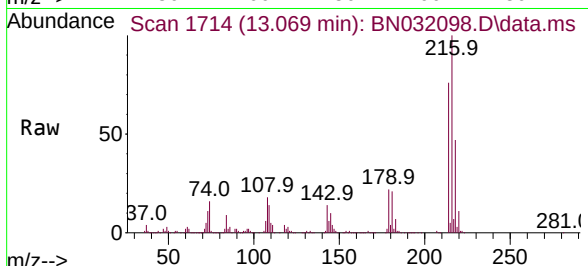
Tgt Ion:178 Resp: 3420797
 Ion Ratio Lower Upper
 178 100
 179 14.8 11.8 17.6
 176 18.6 14.8 22.2





#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.994 ng/uL
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

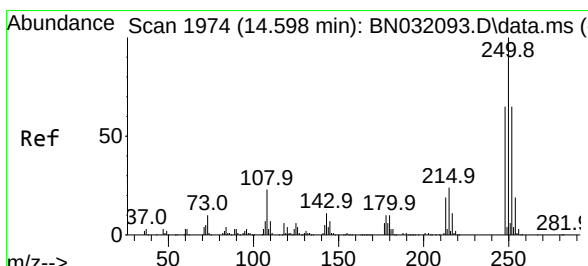
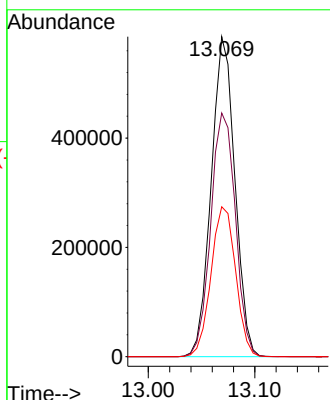
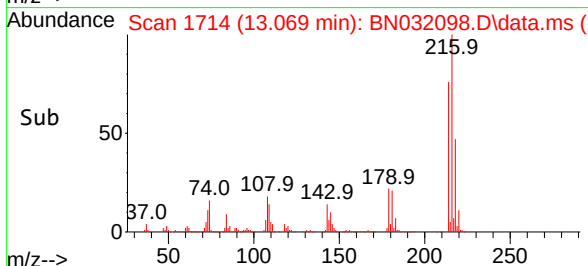
Instrument : BNA_N
ClientSampleId : SLCS544



Tgt Ion:216 Resp: 905095
Ion Ratio Lower Upper
216 100
214 76.2 62.1 93.1
218 46.9 40.2 60.4

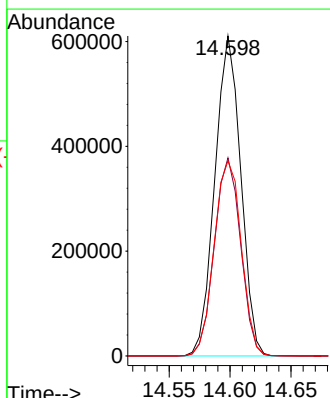
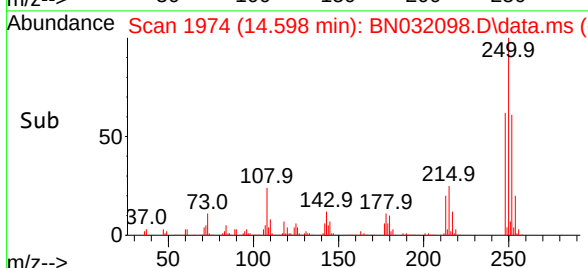
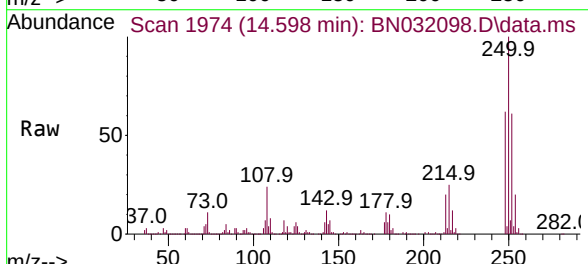
Manual IntegrationsAPPROVED

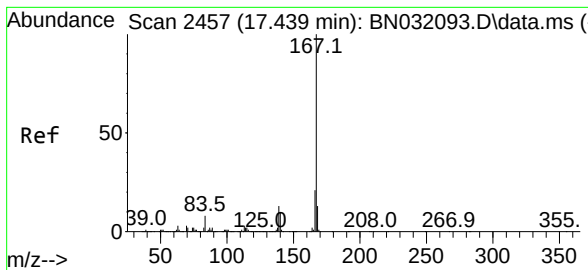
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#76
Pentachlorobenzene
Concen: 32.902 ng/uL
RT: 14.598 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

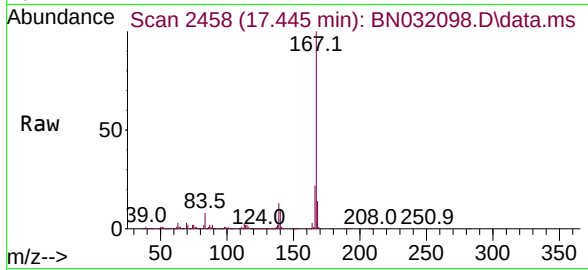
Tgt Ion:250 Resp: 906584
Ion Ratio Lower Upper
250 100
248 61.9 49.8 74.6
252 61.0 52.3 78.5





#77
 Carbazole
 Concen: 32.220 ng/ul
 RT: 17.445 min Scan# 2458
 Delta R.T. 0.006 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

Instrument :
 BNA_N
 ClientSampleId :
 SLCS544

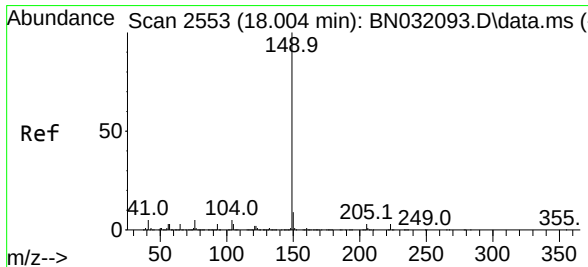
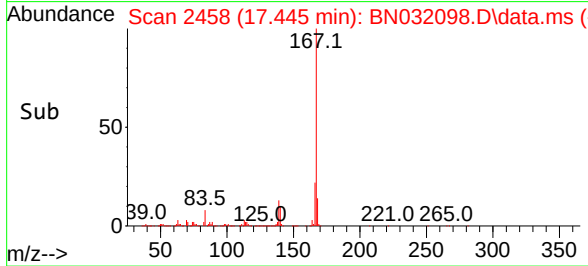
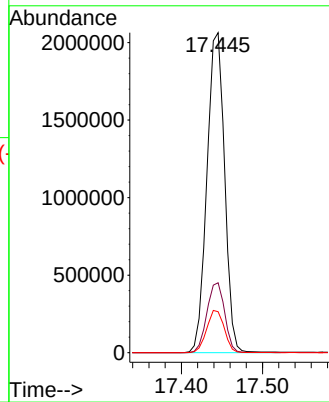


Tgt Ion:167 Resp: 3116840

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	12.8	10.5	15.7

Manual IntegrationsAPPROVED

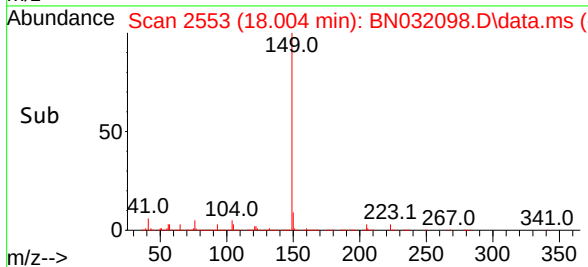
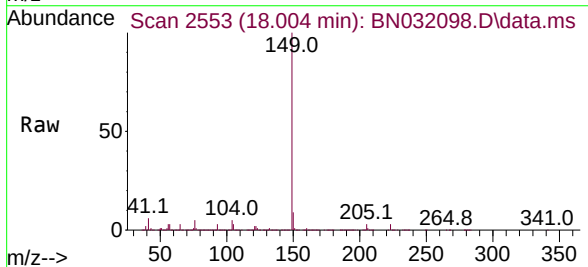
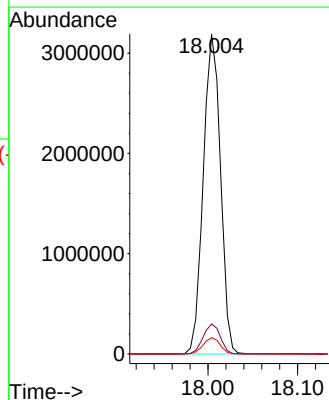
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

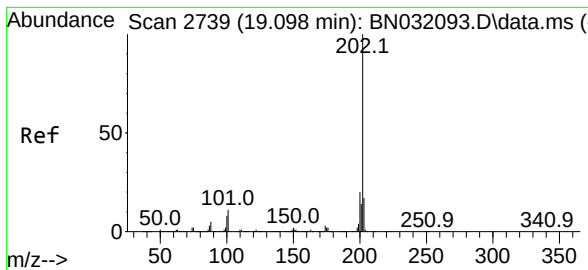


#78
 Di-n-butylphthalate
 Concen: 31.866 ng/ul
 RT: 18.004 min Scan# 2553
 Delta R.T. 0.000 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

Tgt Ion:149 Resp: 4241032

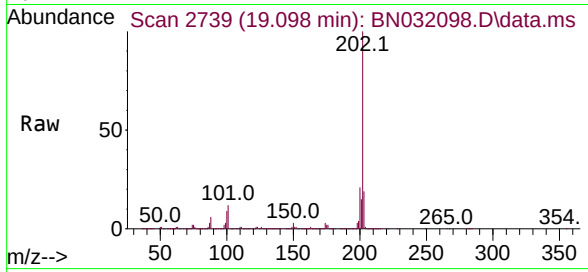
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.1	4.1	6.1





#80
 Fluoranthene
 Concen: 36.705 ng/u1
 RT: 19.098 min Scan# 2739
 Delta R.T. 0.000 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02

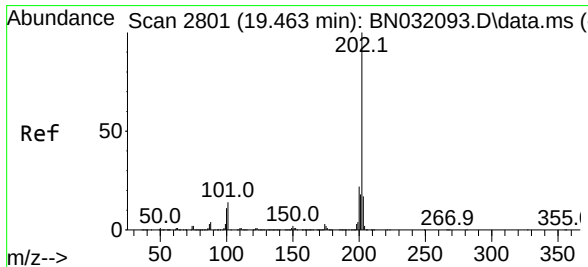
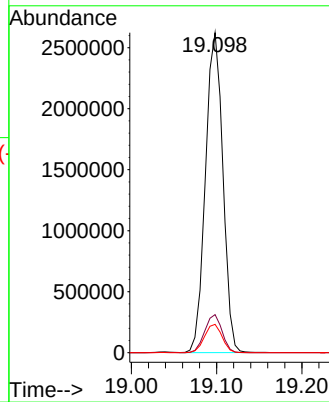
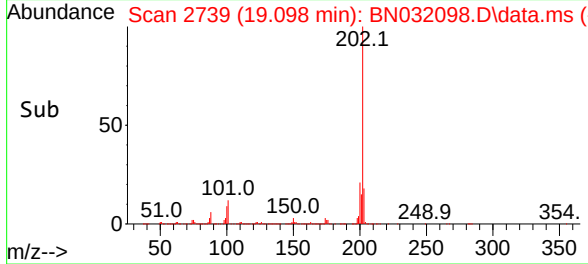
Instrument :
 BNA_N
 ClientSampleId :
 SLCS544



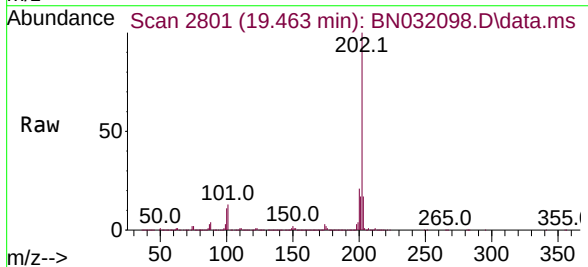
Tgt Ion:202 Resp: 372571
 Ion Ratio Lower Upper
 202 100
 101 11.9 10.3 15.5
 100 8.9 8.0 12.0

Manual IntegrationsAPPROVED

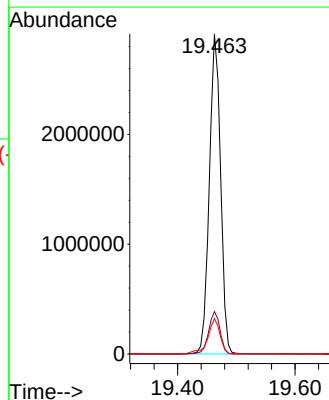
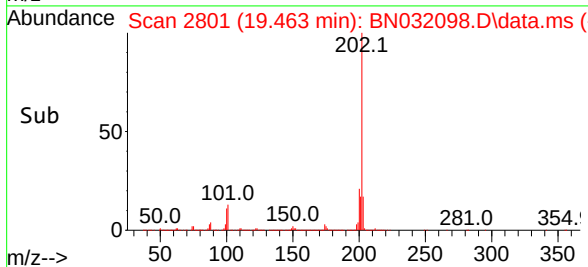
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

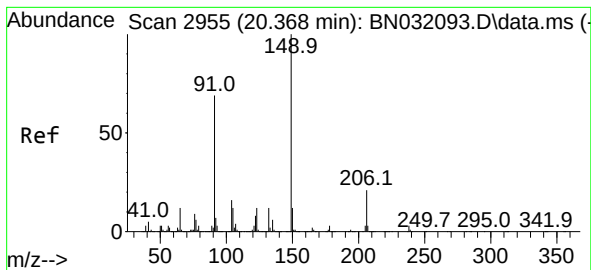


#82
 Pyrene
 Concen: 37.183 ng/u1
 RT: 19.463 min Scan# 2801
 Delta R.T. 0.000 min
 Lab File: BN032098.D
 Acq: 20 Jun 2024 16:02



Tgt Ion:202 Resp: 3872328
 Ion Ratio Lower Upper
 202 100
 101 13.3 12.6 18.8
 100 11.0 10.2 15.2





#83

Butylbenzylphthalate

Concen: 37.129 ng/ul

RT: 20.374 min Scan# 2956

Delta R.T. 0.006 min

Lab File: BN032098.D

Acq: 20 Jun 2024 16:02

Instrument :

BNA_N

ClientSampleId :

SLCS544

Tgt Ion:149 Resp: 1826320

Ion Ratio Lower Upper

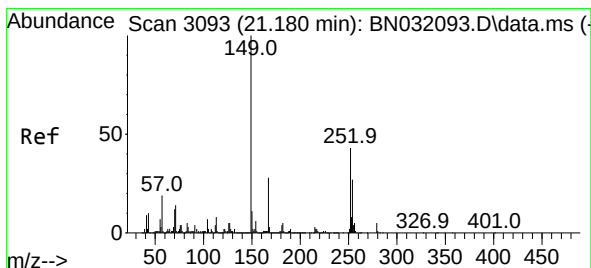
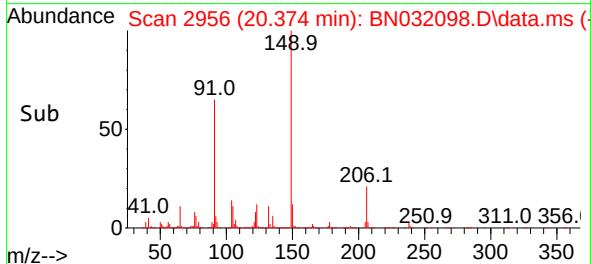
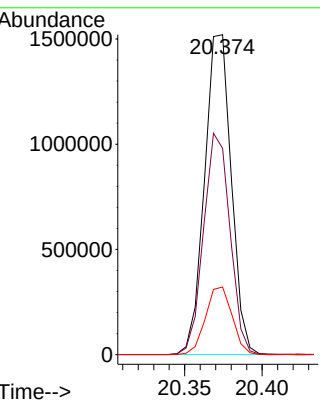
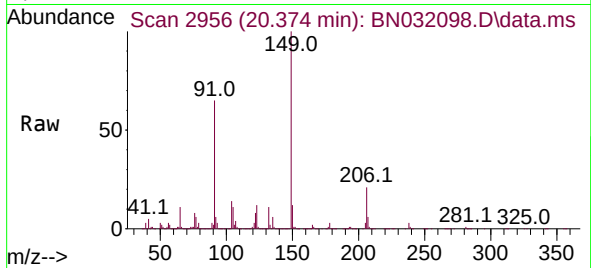
149 100

91 64.5 61.0 91.4

206 21.2 16.5 24.7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#84

3,3'-Dichlorobenzidine

Concen: 32.222 ng/ul

RT: 21.186 min Scan# 3094

Delta R.T. 0.006 min

Lab File: BN032098.D

Acq: 20 Jun 2024 16:02

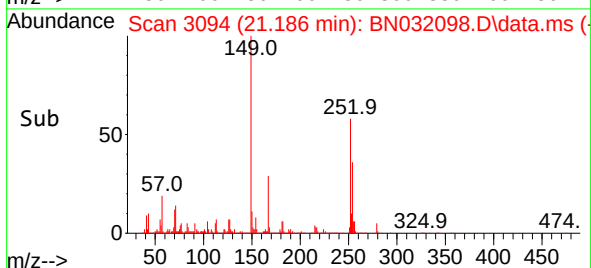
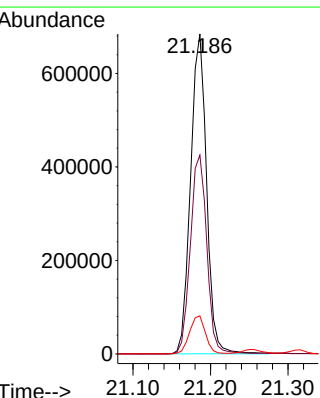
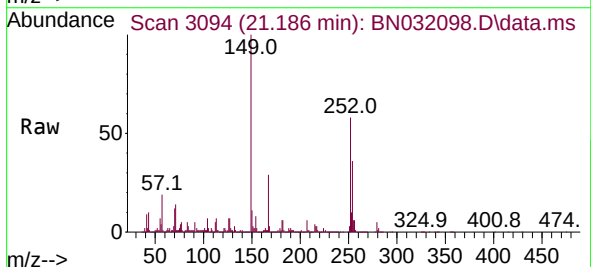
Tgt Ion:252 Resp: 980725

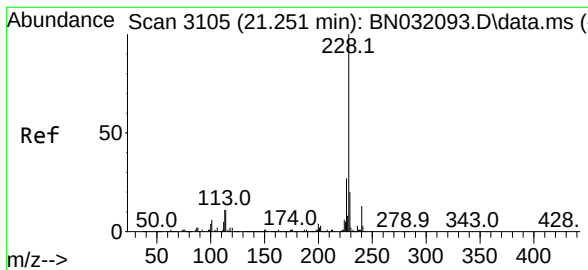
Ion Ratio Lower Upper

252 100

254 62.1 53.6 80.4

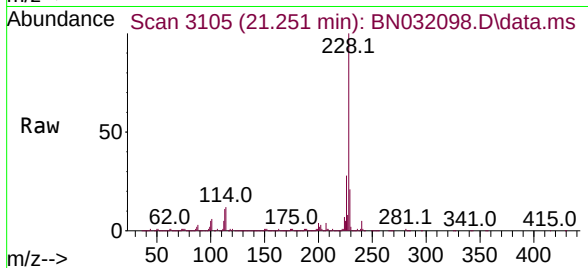
126 11.9 10.2 15.4





#85
Benzo(a)anthracene
Concen: 30.563 ng/ul
RT: 21.251 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

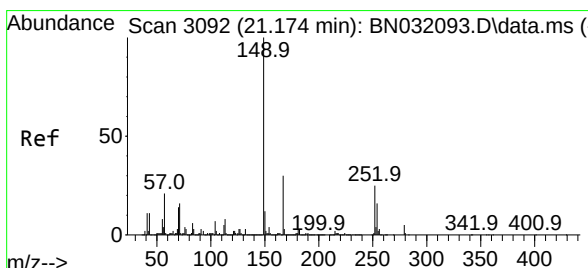
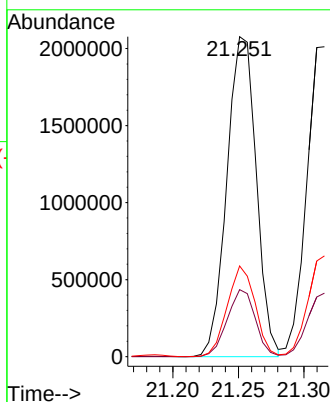
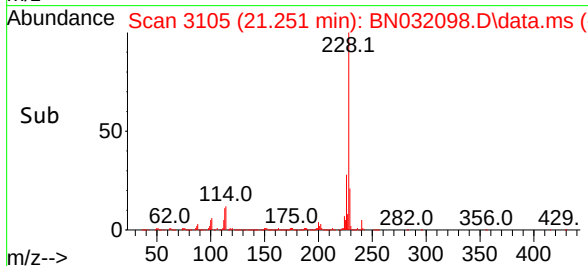
Instrument :
BNA_N
ClientSampleId :
SLCS544



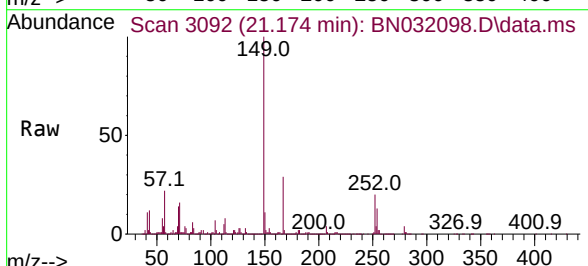
Tgt Ion:228 Resp: 3246924
Ion Ratio Lower Upper
228 100
229 20.9 16.7 25.1
226 28.3 22.8 34.2

Manual IntegrationsAPPROVED

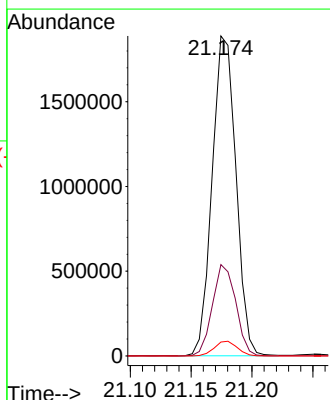
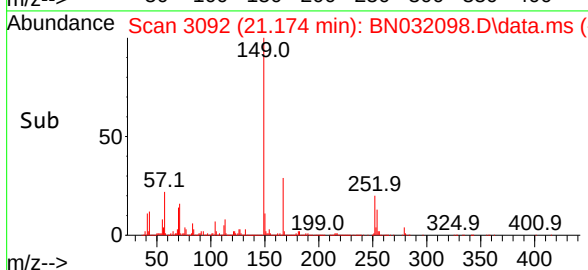
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

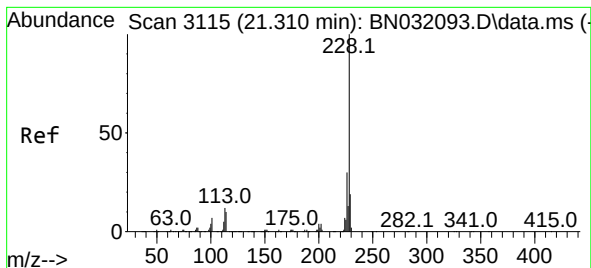


#86
Bis(2-ethylhexyl)phthalate
Concen: 35.862 ng/ul
RT: 21.174 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02



Tgt Ion:149 Resp: 2571366
Ion Ratio Lower Upper
149 100
167 28.5 21.4 32.0
279 4.4 3.3 4.9





#87

Chrysene

Concen: 30.897 ng/ul

RT: 21.316 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BN032098.D

Acq: 20 Jun 2024 16:02

Instrument :

BNA_N

ClientSampleId :

SLCS544

Tgt Ion:228 Resp: 306597

Ion Ratio Lower Upper

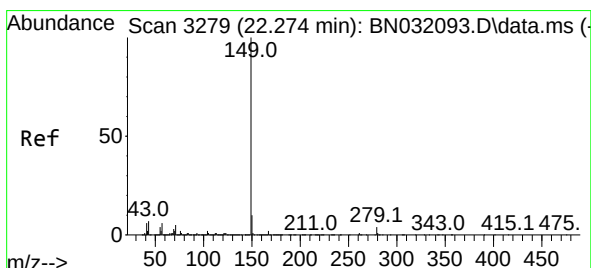
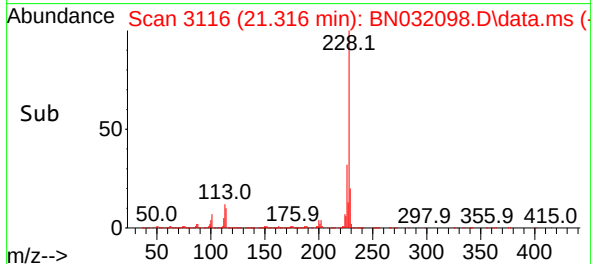
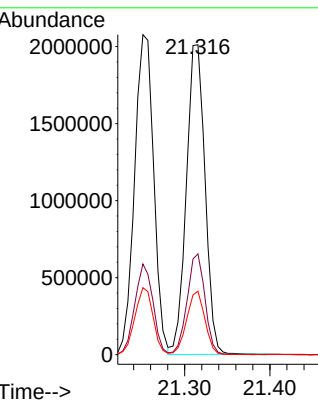
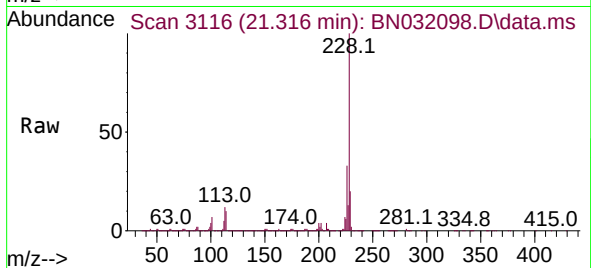
228 100

226 32.5 23.7 35.5

229 20.5 15.1 22.7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#89

Di-n-octyl phthalate

Concen: 44.494 ng/ul

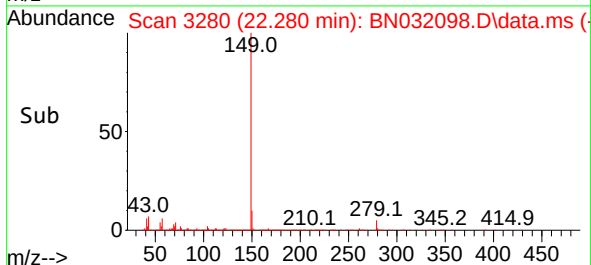
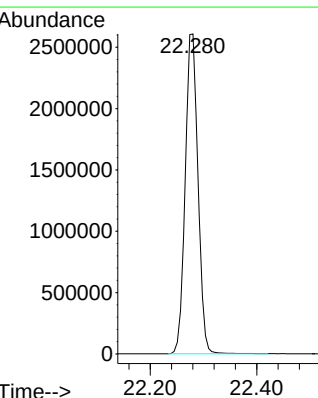
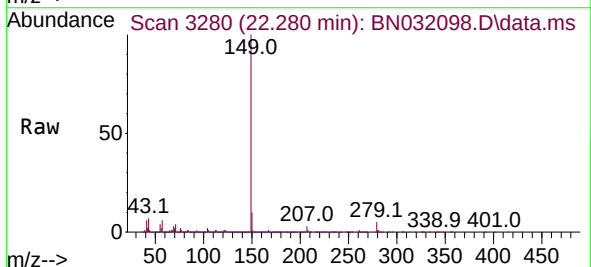
RT: 22.280 min Scan# 3280

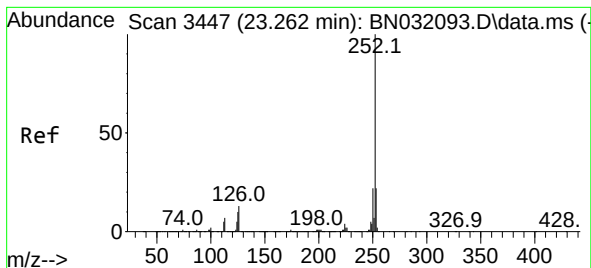
Delta R.T. 0.006 min

Lab File: BN032098.D

Acq: 20 Jun 2024 16:02

Tgt Ion:149 Resp: 4341025





#90

Benzo(b)fluoranthene

Concen: 32.567 ng/ul

RT: 23.257 min Scan# 3446

Delta R.T. -0.006 min

Lab File: BN032098.D

Acq: 20 Jun 2024 16:02

Instrument :

BNA_N

ClientSampleId :

SLCS544

Tgt Ion:252 Resp: 2836850

Ion Ratio Lower Upper

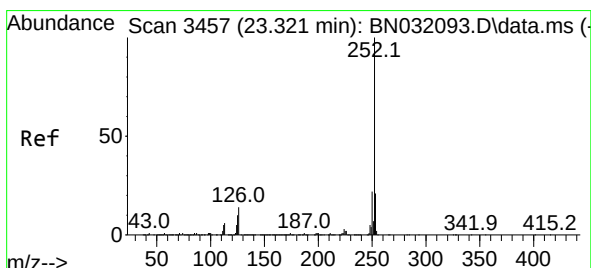
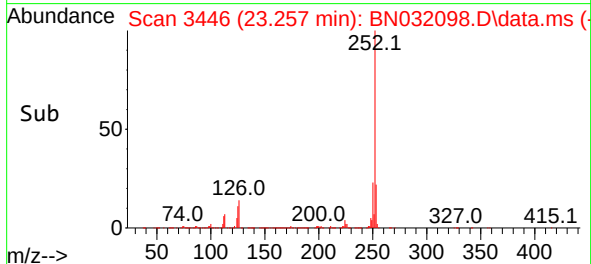
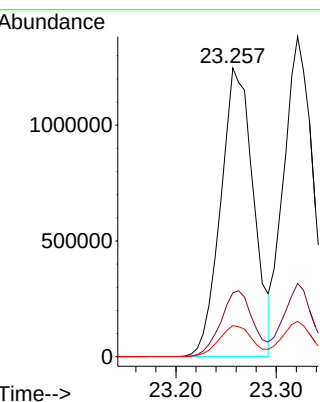
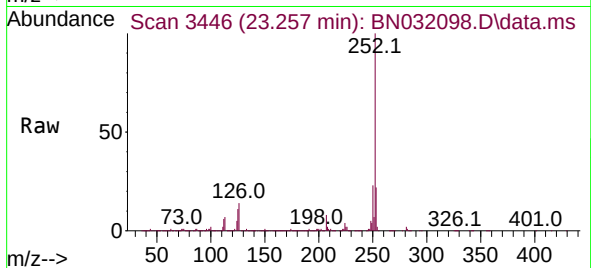
252 100

253 22.1 17.0 25.6

125 10.8 9.2 13.8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#91

Benzo(k)fluoranthene

Concen: 32.829 ng/ul

RT: 23.321 min Scan# 3457

Delta R.T. 0.000 min

Lab File: BN032098.D

Acq: 20 Jun 2024 16:02

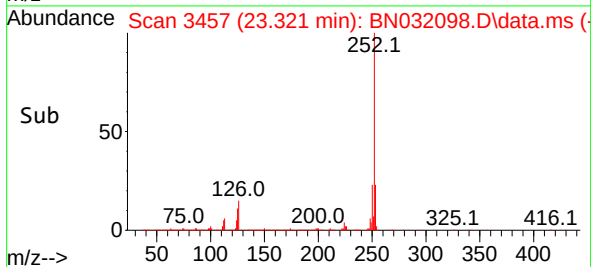
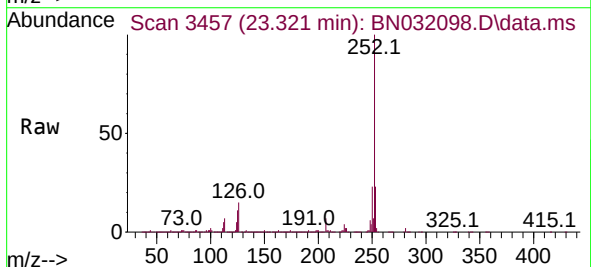
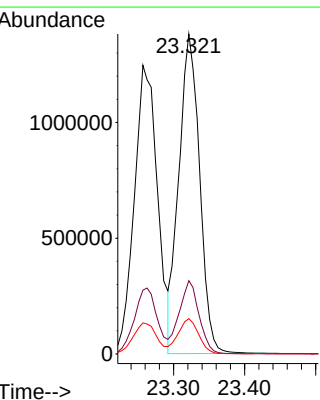
Tgt Ion:252 Resp: 2806094

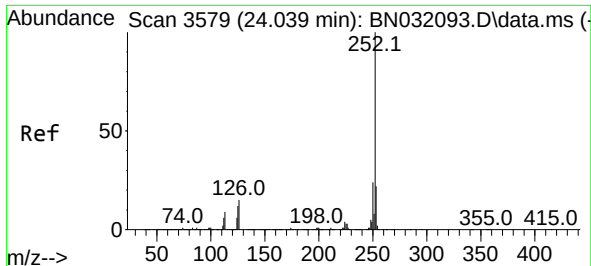
Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

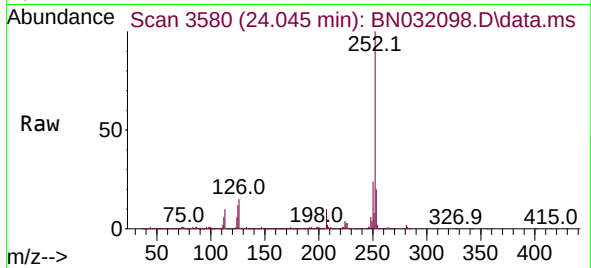
125 11.0 9.4 14.2





#93
Benzo(a)pyrene
Concen: 29.327 ng/ul
RT: 24.045 min Scan# 31
Delta R.T. 0.006 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

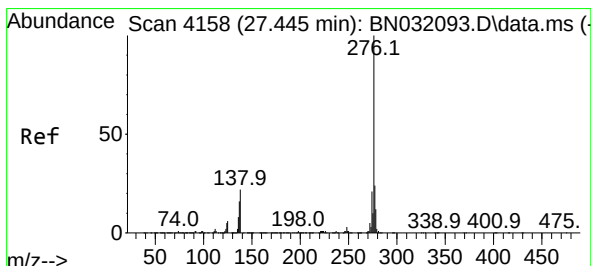
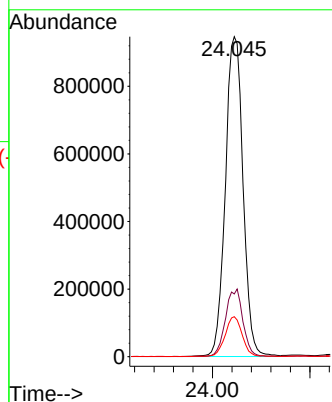
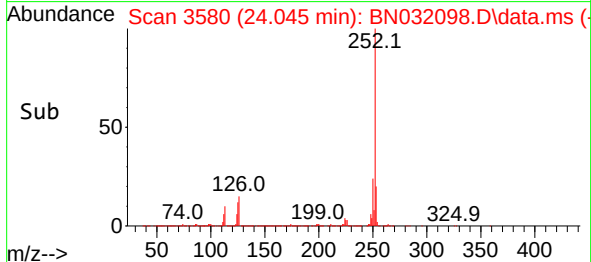
Instrument :
BNA_N
ClientSampleId :
SLCS544



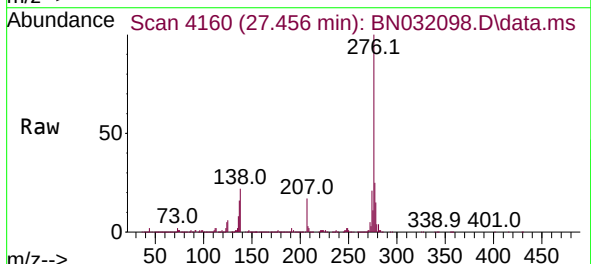
Tgt Ion:252 Resp: 2392572
Ion Ratio Lower Upper
252 100
253 19.6 16.6 24.8
125 12.5 9.8 14.8

Manual IntegrationsAPPROVED

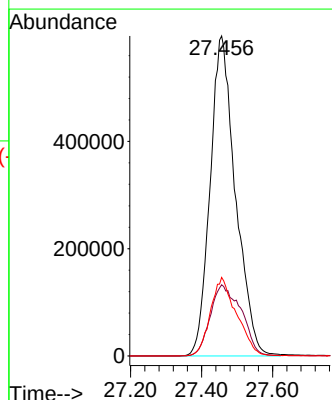
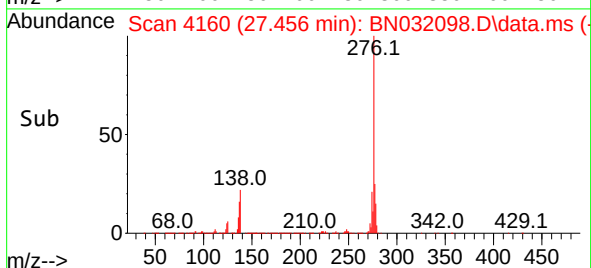
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

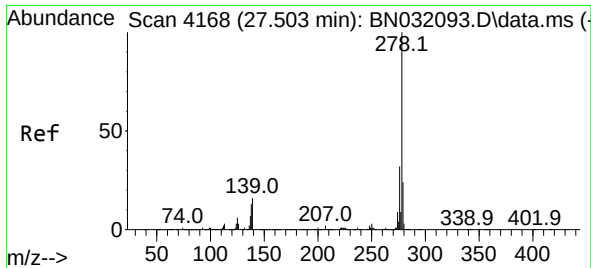


#94
Indeno(1,2,3-cd)pyrene
Concen: 31.533 ng/ul
RT: 27.456 min Scan# 4160
Delta R.T. 0.012 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02



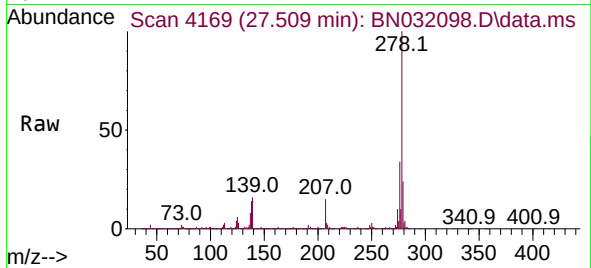
Tgt Ion:276 Resp: 2964507
Ion Ratio Lower Upper
276 100
138 22.3 18.1 27.1
277 24.6 18.2 27.2





#95
Dibenzo(a,h)anthracene
Concen: 31.865 ng/ul
RT: 27.509 min Scan# 4168
Delta R.T. 0.006 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

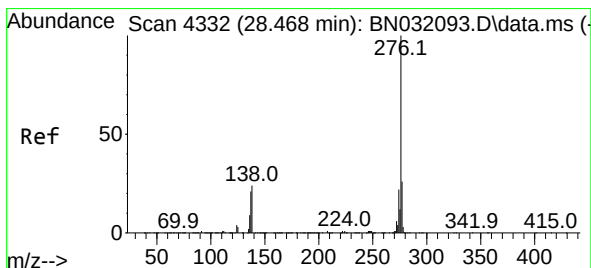
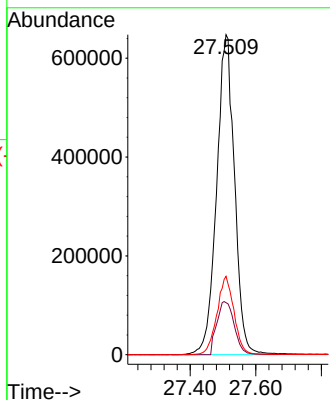
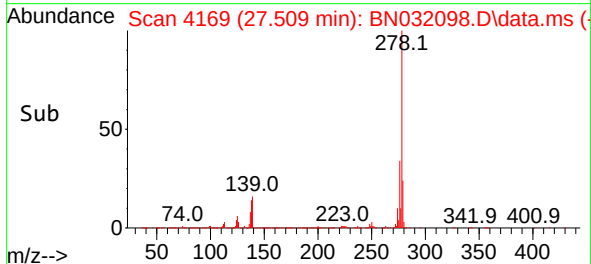
Instrument :
BNA_N
ClientSampleId :
SLCS544



Tgt Ion:278 Resp: 244573
Ion Ratio Lower Upper
278 100
139 16.2 15.0 22.6
279 24.5 17.4 26.0

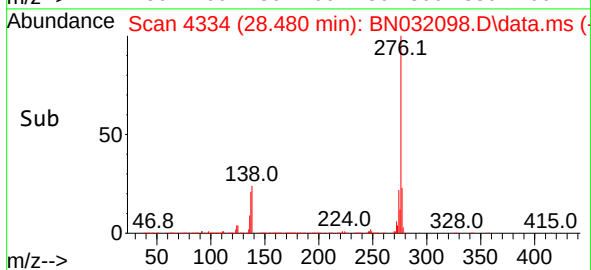
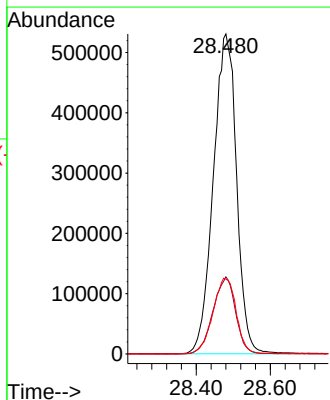
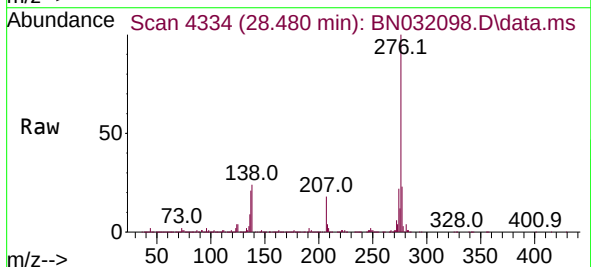
Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#96
Benzo(g,h,i)perylene
Concen: 30.829 ng/ul
RT: 28.480 min Scan# 4334
Delta R.T. 0.012 min
Lab File: BN032098.D
Acq: 20 Jun 2024 16:02

Tgt Ion:276 Resp: 2303925
Ion Ratio Lower Upper
276 100
138 24.1 20.9 31.3
277 23.4 18.0 27.0



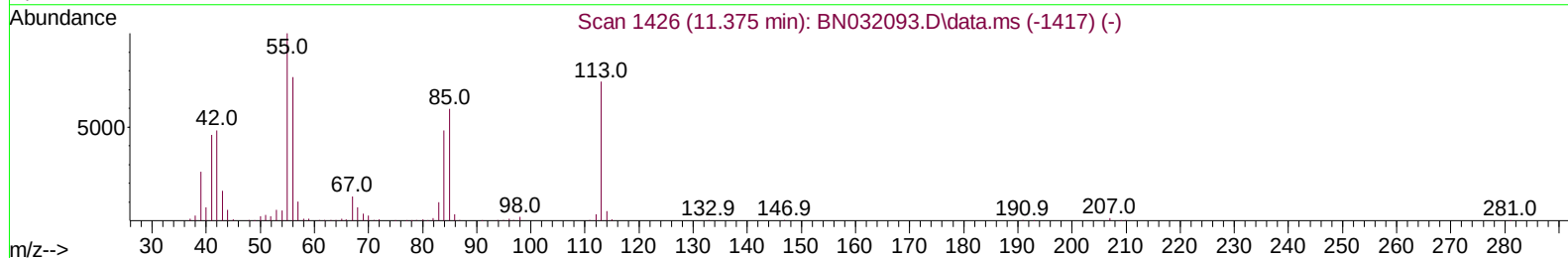
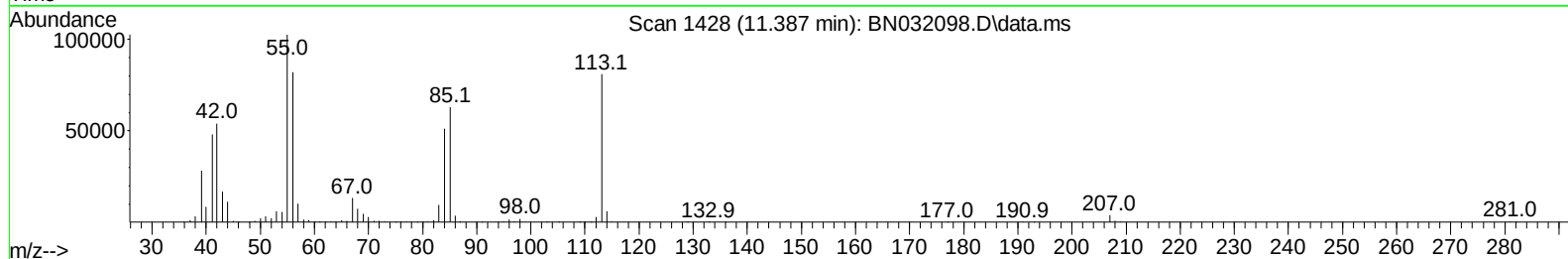
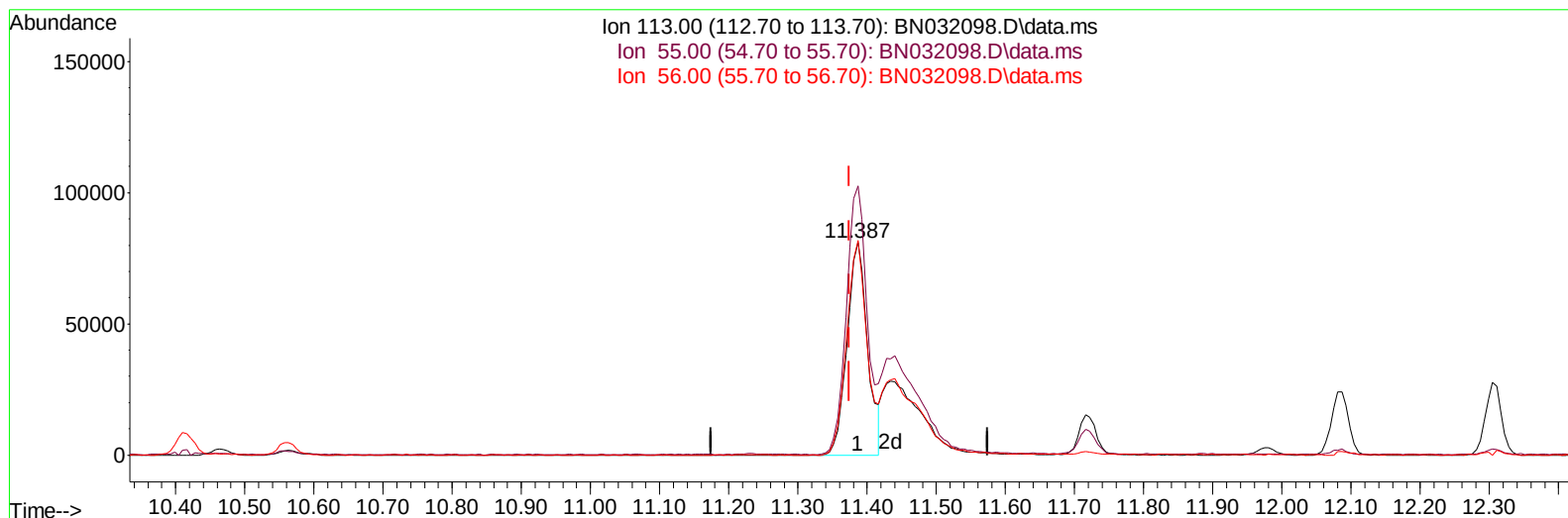
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032098.D
Acq On : 20 Jun 2024 16:02
Operator : MA/JU
Sample : PB161544BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS544

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:43:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BN032098.D\data.ms

(34) Caprolactam

11.387min (+ 0.012) 18.73 ng/ul

response 166279

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	126.35
56.00	111.70	100.95
0.00	0.00	0.00

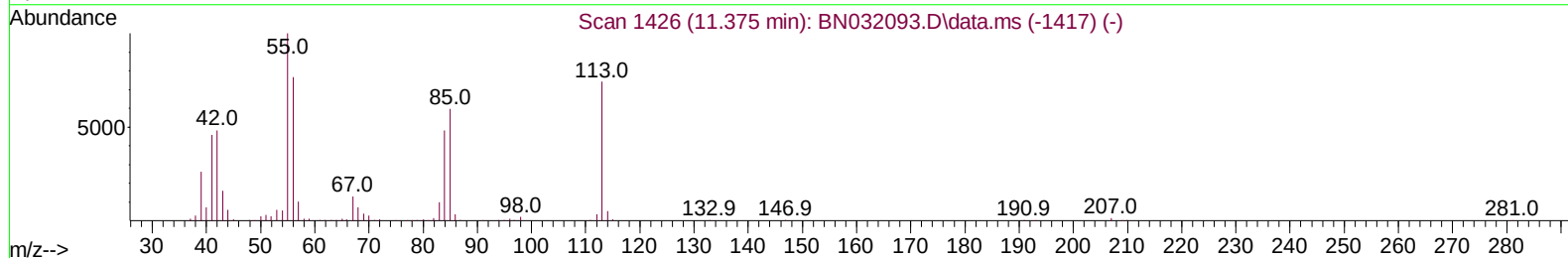
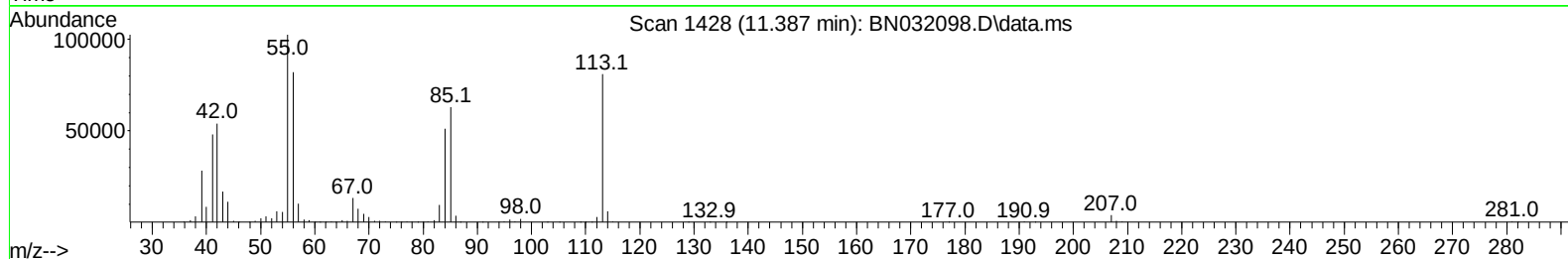
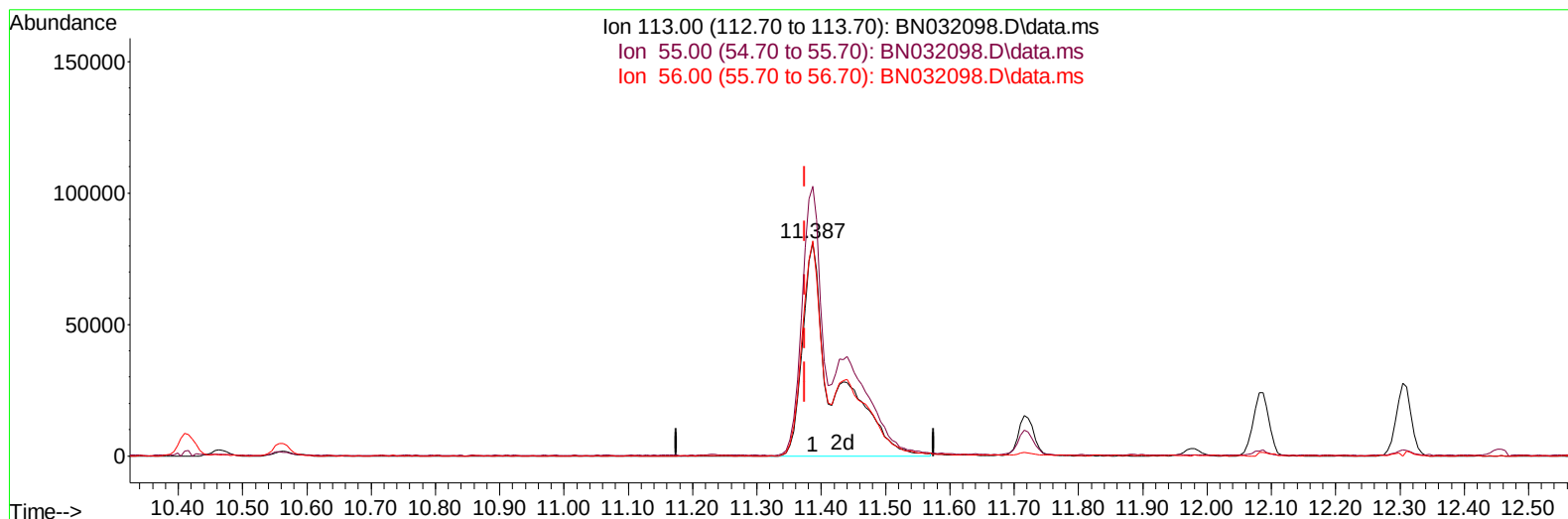
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032098.D
Acq On : 20 Jun 2024 16:02
Operator : MA/JU
Sample : PB161544BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS544

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:43:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BN032098.D\data.ms

(34) Caprolactam

11.387min (+ 0.012) 31.11 ng/ul m

response 276192

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	126.35
56.00	111.70	100.95
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032098.D
 Acq On : 20 Jun 2024 16:02
 Operator : MA/JU
 Sample : PB161544BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS544

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:44:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	327507	20.000	ng/uI	0.00
20) Naphthalene-d8	10.416	136	1562276	20.000	ng/uI	0.00
38) Acenaphthene-d10	14.281	164	1079750	20.000	ng/uI	0.00
64) Phenanthrene-d10	17.033	188	2197871	20.000	ng/uI	0.00
79) Chrysene-d12	21.269	240	1587174	20.000	ng/uI	0.00
88) Perylene-d12	24.180	264	1457319	20.000	ng/uI	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	47965	6.059	ng/uL	0.00
4) Pyridine-d5	3.564	84	544465	24.432	ng/uI	0.00
7) Phenol-d5	6.816	99	856013	30.489	ng/uI	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	463902	28.248	ng/uI	0.00
11) 2-Chlorophenol-d4	7.169	132	699519	32.653	ng/uI	0.00
15) 4-Methylphenol-d8	8.346	113	738879	32.284	ng/uI	0.00
21) Nitrobenzene-d5	8.793	128	375512	31.436	ng/uI	0.00
24) 2-Nitrophenol-d4	9.510	143	429586	34.815	ng/uI	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	757857	32.899	ng/uI	0.00
31) 4-Chloroaniline-d4	10.563	131	929171	27.167	ng/uI	0.00
46) Dimethylphthalate-d6	13.698	166	2367732	31.477	ng/uI	0.00
49) Acenaphthylene-d8	13.975	160	2650523	30.644	ng/uI	0.00
54) 4-Nitrophenol-d4	14.510	143	446441	29.642	ng/uI	0.00
60) Fluorene-d10	15.281	176	1971085	30.969	ng/uI	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	405975	36.748	ng/uI	0.00
73) Anthracene-d10	17.133	188	2922643	31.060	ng/uI	0.00
81) Pyrene-d10	19.433	212	3147816	37.062	ng/uI	0.00
92) Benzo(a)pyrene-d12	23.986	264	2285270	32.840	ng/uI	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	76673	9.052	ng/uL	98
5) Pyridine	3.581	79	558759	25.077	ng/uI	97
6) Benzaldehyde	6.787	77	426147	32.360	ng/uI	95
8) Phenol	6.840	94	879253	30.771	ng/uI	96
10) Bis(2-Chloroethyl)ether	7.069	93	696507	29.479	ng/uI	97
12) 2-Chlorophenol	7.199	128	720394	32.134	ng/uI	98
13) 2-Methylphenol	8.081	108	701799	31.800	ng/uI	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	796997	29.303	ng/uI	99
16) Acetophenone	8.463	105	1113023	32.090	ng/uI	97
17) N-Nitroso-di-n-propyla...	8.446	70	530414	29.511	ng/uI	95
18) 4-Methylphenol	8.410	108	778483	32.541	ng/uI	99
19) Hexachloroethane	8.699	117	288164	30.354	ng/uI	87
22) Nitrobenzene	8.834	77	801707	28.170	ng/uI	95
23) Isophorone	9.363	82	1620093	27.750	ng/uI	97
25) 2-Nitrophenol	9.540	139	453510	33.640	ng/uI	95
26) 2,4-Dimethylphenol	9.604	107	714964	27.262	ng/uI	100
27) Bis(2-Chloroethoxy)met...	9.840	93	1009035	27.732	ng/uI	99
29) 2,4-Dichlorophenol	10.069	162	747975	32.885	ng/uI	99
30) Naphthalene	10.463	128	2441986	30.202	ng/uI	99
32) 4-Chloroaniline	10.587	127	908322	27.354	ng/uI	99
33) Hexachlorobutadiene	10.740	225	444124	32.511	ng/uI	97
34) Caprolactam	11.387	113	276192m	31.109	ng/uI	
35) 4-Chloro-3-methylphenol	11.716	107	860437	32.364	ng/uI	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032098.D
 Acq On : 20 Jun 2024 16:02
 Operator : MA/JU
 Sample : PB161544BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS544

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:44:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.081	142	1738656	31.460	ng/ul	99
37) 1-Methylnaphthalene	12.304	142	1768510	31.892	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	906763	31.754	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	348012	21.145	ng/ul	93
41) 2,4,6-Trichlorophenol	12.704	196	608047	31.372	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	681617	32.362	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	2313688	30.464	ng/ul	96
44) 2-Chloronaphthalene	13.151	162	1796842	30.207	ng/ul	99
45) 2-Nitroaniline	13.369	65	499390	28.962	ng/ul	88
47) Dimethylphthalate	13.751	163	2337125	30.380	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	507062	33.160	ng/ul	96
50) Acenaphthylene	14.004	152	2910804	29.778	ng/ul	100
51) 3-Nitroaniline	14.204	138	528273	32.311	ng/ul	94
52) Acenaphthene	14.345	153	1879619	29.061	ng/ul	95
53) 2,4-Dinitrophenol	14.416	184	286182	37.071	ng/ul	97
55) 4-Nitrophenol	14.522	109	339313	30.370	ng/ul	91
56) Dibenzofuran	14.687	168	2696746	30.689	ng/ul	97
57) 2,4-Dinitrotoluene	14.669	165	726824	32.393	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	536994	30.480	ng/ul	97
59) Diethylphthalate	15.116	149	2473558	31.160	ng/ul	100
61) Fluorene	15.334	166	2040901	28.842	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	1009612	29.457	ng/ul	92
63) 4-Nitroaniline	15.375	138	518503	33.314	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.434	198	435139	37.051	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	1933992	31.923	ng/ul	97
68) 4-Bromophenyl-phenylether	16.228	248	693009	32.543	ng/ul	96
69) Hexachlorobenzene	16.333	284	793090	32.859	ng/ul	96
70) Atrazine	16.510	200	292369	15.285	ng/ul	98
71) Pentachlorophenol	16.686	266	460257	29.805	ng/ul	91
72) Phenanthrene	17.075	178	3453326	30.844	ng/ul	99
74) Anthracene	17.169	178	3420797	30.153	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	905099	31.994	ng/uL	97
76) Pentachlorobenzene	14.598	250	906584	32.902	ng/uL	97
77) Carbazole	17.445	167	3116840	32.220	ng/ul	99
78) Di-n-butylphthalate	18.004	149	4241032	31.866	ng/ul	100
80) Fluoranthene	19.098	202	3725713	36.705	ng/ul	97
82) Pyrene	19.463	202	3872328	37.183	ng/ul	95
83) Butylbenzylphthalate	20.374	149	1826320	37.129	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.186	252	980725	32.222	ng/ul	95
85) Benzo(a)anthracene	21.251	228	3246924	30.563	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.174	149	2571366	35.862	ng/ul	97
87) Chrysene	21.316	228	3065973	30.897	ng/ul	95
89) Di-n-octyl phthalate	22.280	149	4341025	44.494	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2836850	32.567	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	2806094	32.829	ng/ul	98
93) Benzo(a)pyrene	24.045	252	2392572	29.327	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.456	276	2964507	31.533	ng/ul	98
95) Dibenzo(a,h)anthracene	27.509	278	2445731	31.865	ng/ul	94
96) Benzo(g,h,i)perylene	28.480	276	2303925	30.829	ng/ul	97

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

Instrument :

BNA_N

ClientSampleId :

SLCS544

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

