

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022827.D
 Acq On : 04 Nov 2024 14:58
 Operator : RC/JU
 Sample : P4568-02DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EA4DL

Quant Time: Nov 04 15:29:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	82147	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	316276	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.245	164	250854	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.045	188	587113	20.000	ng/ul	-0.02
79) Chrysene-d12	21.486	240	599201	20.000	ng/ul	-0.01
88) Perylene-d12	24.733	264	725940	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	1054	0.499	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.828	99	24084	3.483	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	13932	3.428	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	18147	3.698	ng/ul	0.00
15) 4-Methylphenol-d8	8.351	113	16494	2.989	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	8995	3.699	ng/ul	0.00
24) 2-Nitrophenol-d4	9.486	143	9851	3.499	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	26200	4.378	ng/ul	0.00
31) 4-Chloroaniline-d4	10.539	131	18421m	2.605	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	78369	3.932	ng/ul	-0.01
49) Acenaphthylene-d8	13.933	160	87292	4.124	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.510	143	9338m	2.793	ng/ul	0.00
60) Fluorene-d10	15.257	176	74408	4.304	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	7253m	1.878	ng/ul	0.01
73) Anthracene-d10	17.157	188	117085	4.239	ng/ul	-0.01
81) Pyrene-d10	19.533	212	145136	4.580	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.503	264	164720	4.249	ng/ul	-0.02
Target Compounds						
					Qvalue	
8) Phenol	6.857	94	38254	5.317	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.069	93	168025	31.207	ng/ul	97
12) 2-Chlorophenol	7.210	128	72720	14.332	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.422	70	140266	30.389	ng/ul	97
19) Hexachloroethane	8.687	117	46904	19.850	ng/ul	98
22) Nitrobenzene	8.816	77	44354	6.110	ng/ul	99
23) Isophorone	9.328	82	327829	25.189	ng/ul	98
25) 2-Nitrophenol	9.516	139	21270	7.010	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.804	93	219300	29.675	ng/ul	99
29) 2,4-Dichlorophenol	10.057	162	102492	17.393	ng/ul	99
33) Hexachlorobutadiene	10.704	225	117331	23.624	ng/ul	96
35) 4-Chloro-3-methylphenol	11.692	107	38977	6.062	ng/ul	97
36) 2-Methylnaphthalene	12.045	142	115273	9.322	ng/ul	100
41) 2,4,6-Trichlorophenol	12.669	196	159723	27.376	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	35560	5.724	ng/ul	95
48) 2,6-Dinitrotoluene	13.833	165	137375	36.570	ng/ul	97
50) Acenaphthylene	13.963	152	69933	3.183	ng/ul	95
52) Acenaphthene	14.304	153	290272	18.684	ng/ul	99
55) 4-Nitrophenol	14.516	109	34464	9.287	ng/ul	90
57) 2,4-Dinitrotoluene	14.633	165	130076	22.284	ng/ul	96
61) Fluorene	15.310	166	530462	27.898	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.304	204	96665	8.890	ng/ul	98
68) 4-Bromophenyl-phenylether	16.227	248	49155	6.943	ng/ul	96
69) Hexachlorobenzene	16.339	284	328413	37.684	ng/ul	99

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

71) Pentachlorophenol	16.704	266	166440	29.703	ng/ul	97
72) Phenanthrene	17.092	178	217003	6.908	ng/ul	99
74) Anthracene	17.198	178	206667	6.593	ng/ul	99
78) Di-n-butylphthalate	18.057	149	730874	23.815	ng/ul	99
80) Fluoranthene	19.180	202	919775	25.249	ng/ul	99
82) Pyrene	19.562	202	408788	10.470	ng/ul	96
83) Butylbenzylphthalate	20.515	149	74249	5.462	ng/ul	98
85) Benzo(a)anthracene	21.468	228	784678	18.680	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	475551	24.372	ng/ul	99
87) Chrysene	21.539	228	1166427	29.947	ng/ul	100
90) Benzo(b)fluoranthene	23.703	252	1190172	26.046	ng/ul	98
93) Benzo(a)pyrene	24.562	252	243049	5.779	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.403	276	254714m	4.539	ng/ul	
95) Dibenzo(a,h)anthracene	28.474	278	529749	11.657	ng/ul#	97
96) Benzo(g,h,i)perylene	29.538	276	178459m	4.088	ng/ul	

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

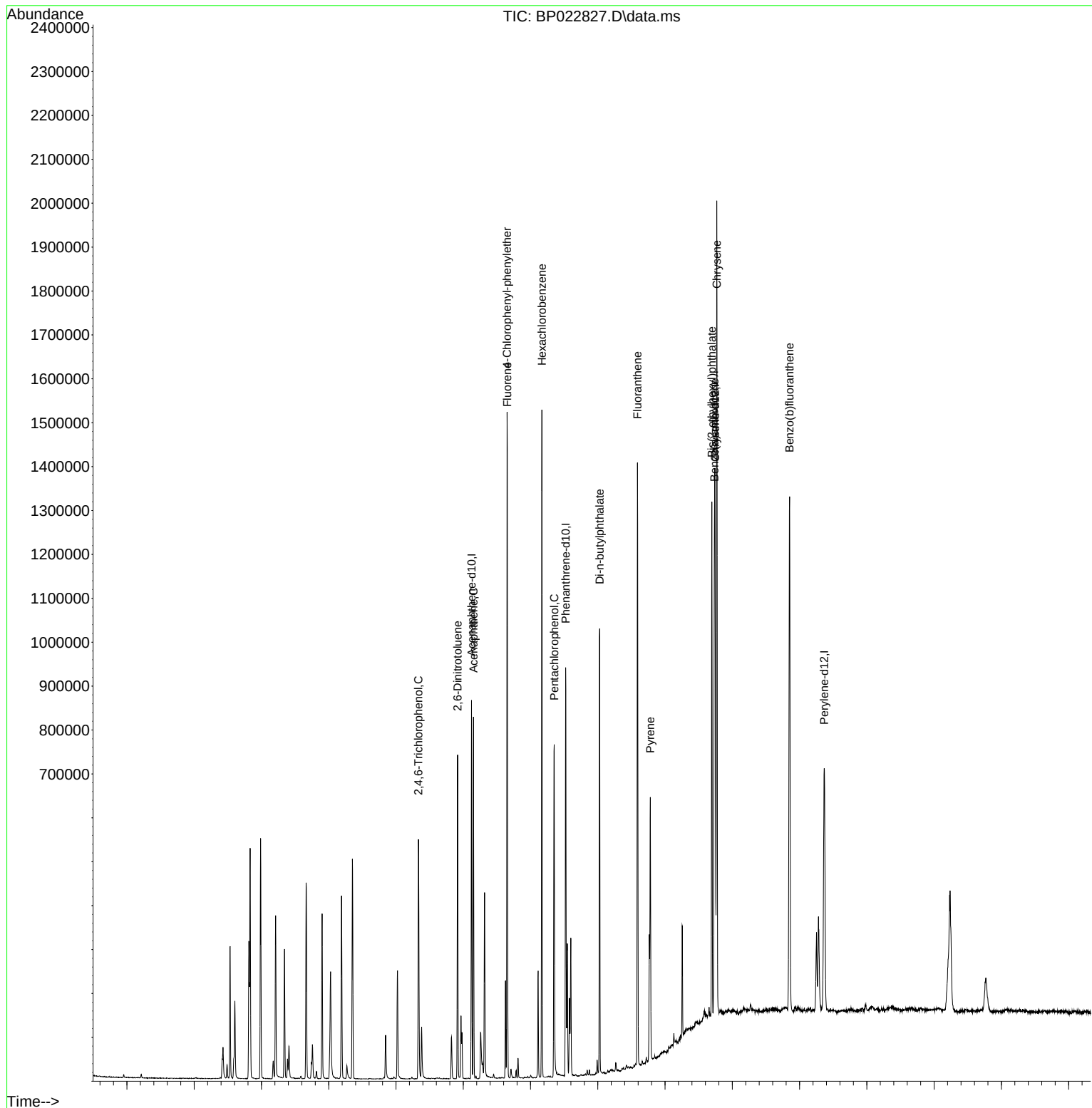
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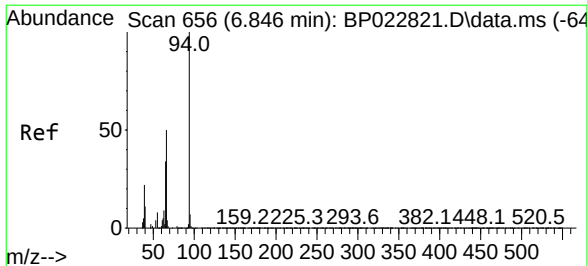
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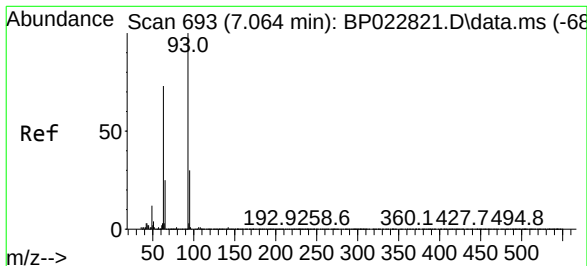
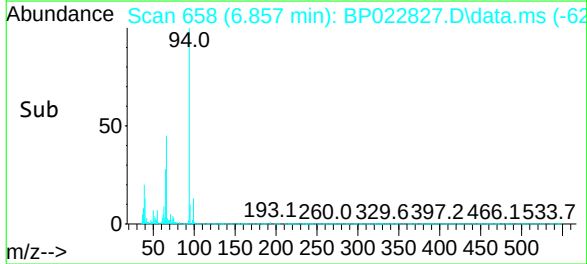
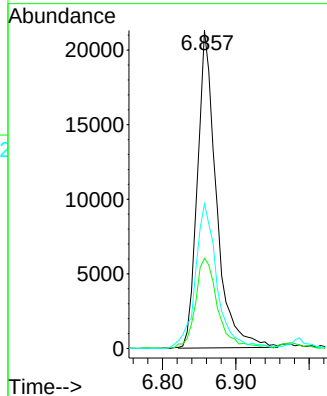
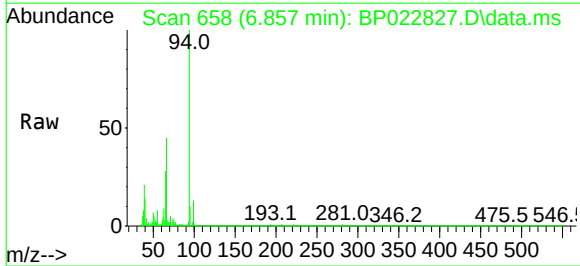
#8
Phenol
Concen: 5.317 ng/ul
RT: 6.857 min Scan# 65
Delta R.T. -0.000 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

Instrument :
BNA_P
ClientSampleId :
A4EA4DL

Tgt	Ion	Ratio	Lower	Upper
94	100			
65	28.4	25.9	38.9	
66	45.4	37.6	56.4	

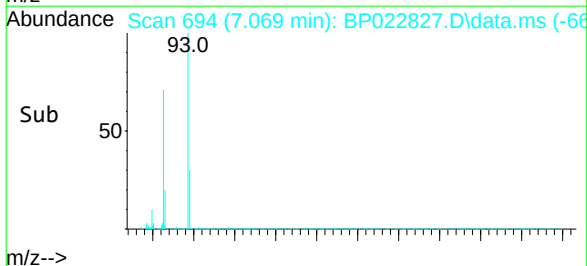
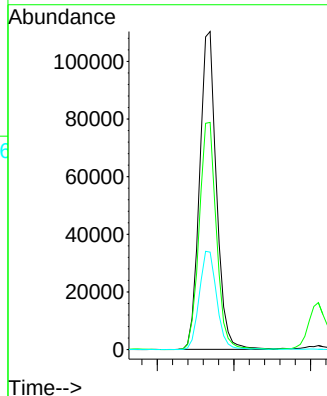
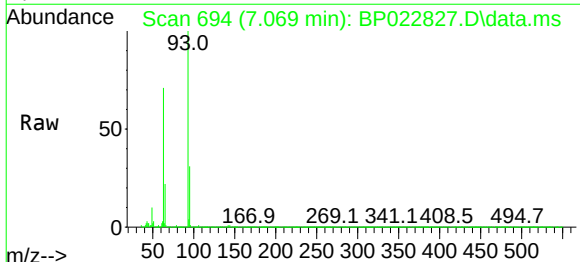
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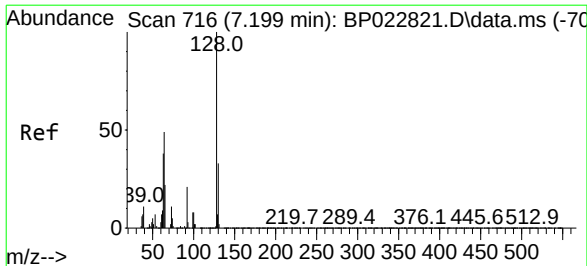
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#10
Bis(2-Chloroethyl)ether
Concen: 31.207 ng/ul
RT: 7.069 min Scan# 694
Delta R.T. -0.006 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

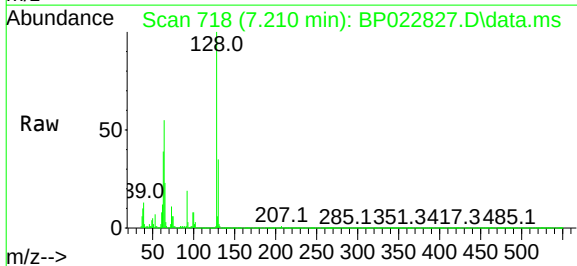
Tgt	Ion	Ratio	Lower	Upper
93	100			
63	71.4	59.0	88.6	
95	30.6	25.6	38.4	





#12
2-Chlorophenol
Concen: 14.332 ng/ul
RT: 7.210 min Scan# 716
Delta R.T. -0.006 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

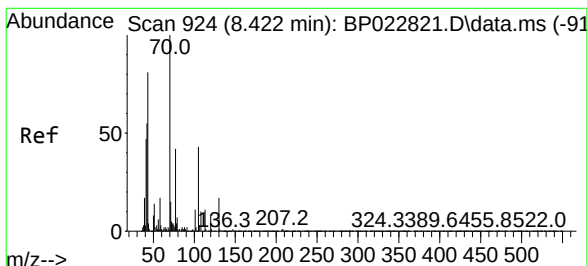
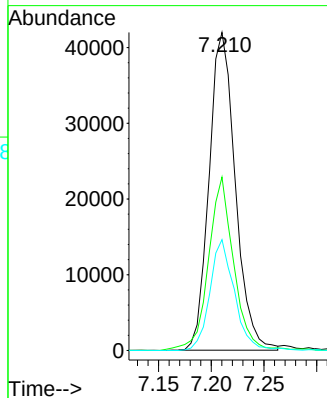
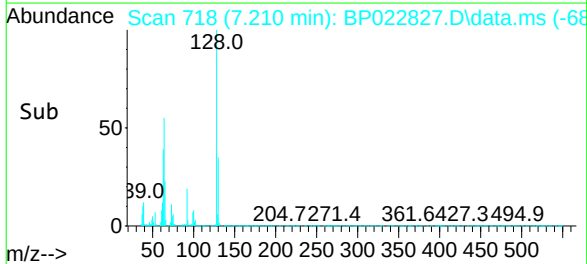
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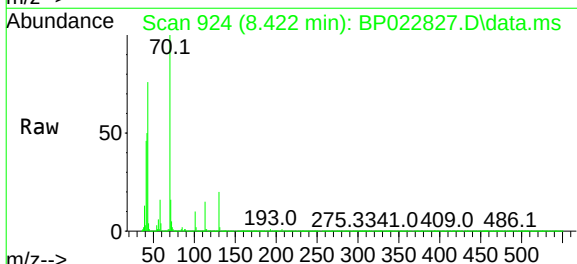
Tgt Ion: 128 Resp: 72720
Ion Ratio Lower Upper
128 100
64 54.5 42.4 63.6
130 34.8 24.8 37.2

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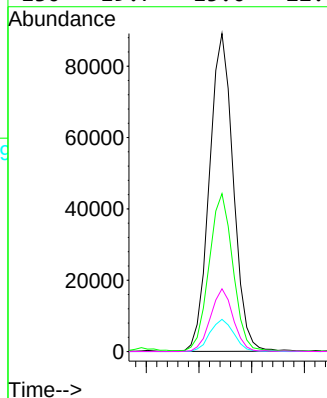
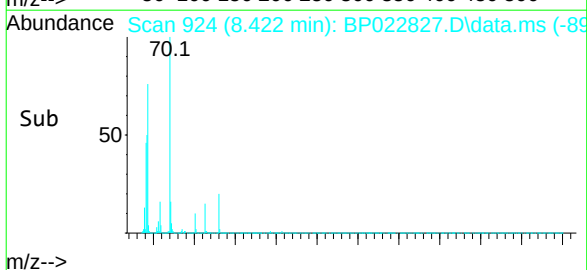
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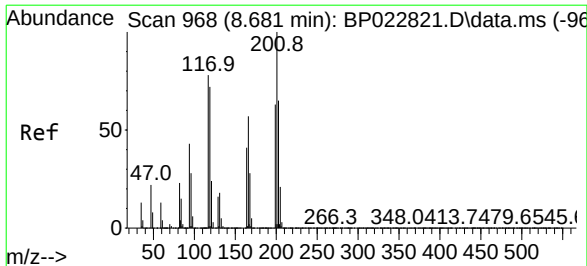


#17
N-Nitroso-di-n-propylamine
Concen: 30.389 ng/ul
RT: 8.422 min Scan# 924
Delta R.T. -0.012 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58



Tgt Ion: 70 Resp: 140266
Ion Ratio Lower Upper
70 100
42 49.7 42.0 63.0
101 10.1 7.8 11.6
130 19.7 15.0 22.6





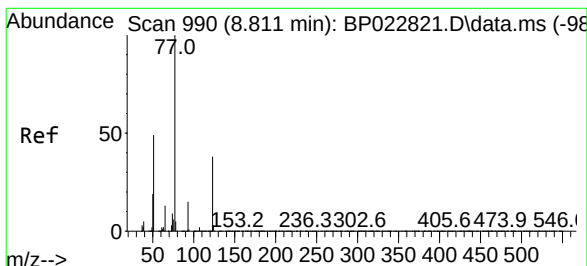
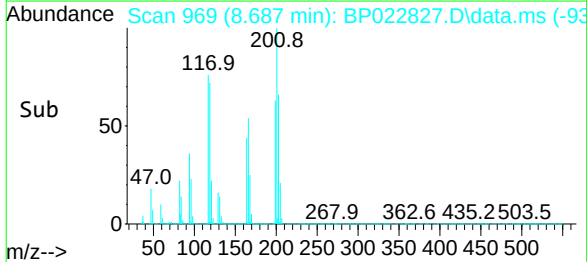
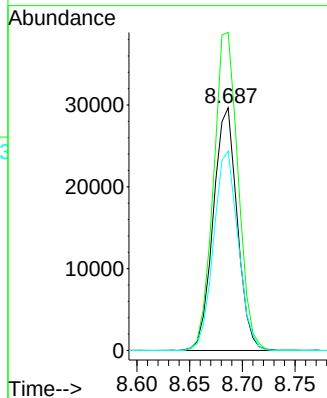
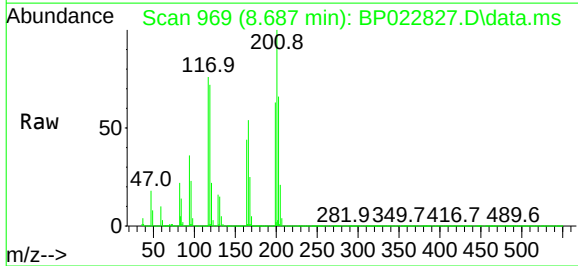
#19
Hexachloroethane
Concen: 19.850 ng/u1
RT: 8.687 min Scan# 968
Delta R.T. -0.012 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

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ClientSampleId :
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Tgt Ion: 117 Resp: 46904
Ion Ratio Lower Upper
117 100
201 131.0 106.6 160.0
199 82.1 66.9 100.3

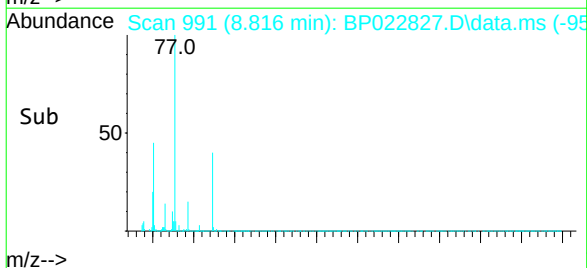
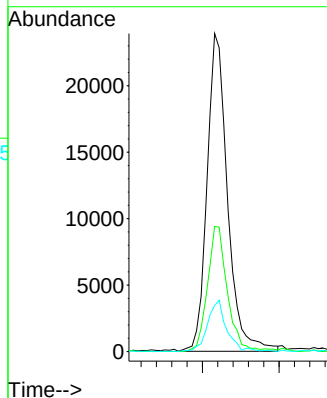
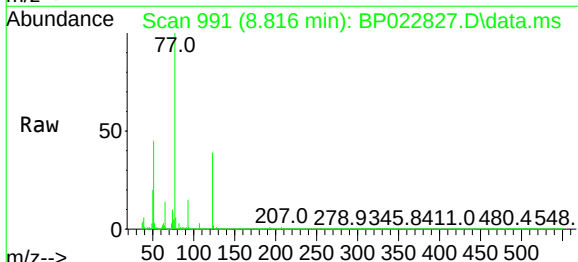
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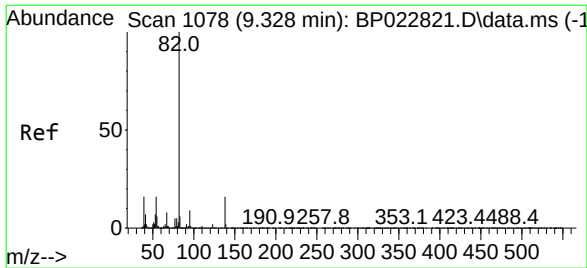
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#22
Nitrobenzene
Concen: 6.110 ng/u1
RT: 8.816 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

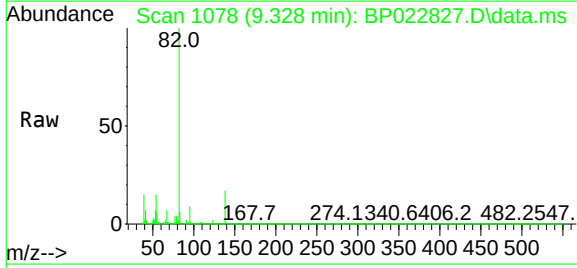
Tgt Ion: 77 Resp: 44354
Ion Ratio Lower Upper
77 100
123 39.3 30.8 46.2
65 14.5 11.4 17.2





#23
Isophorone
Concen: 25.189 ng/u1
RT: 9.328 min Scan# 1078
Delta R.T. -0.018 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

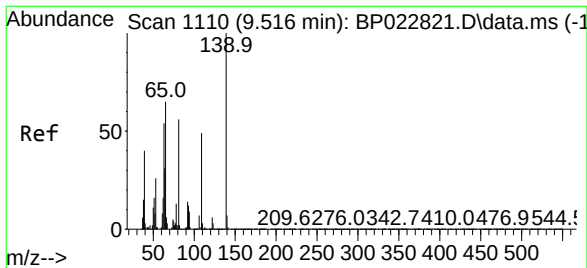
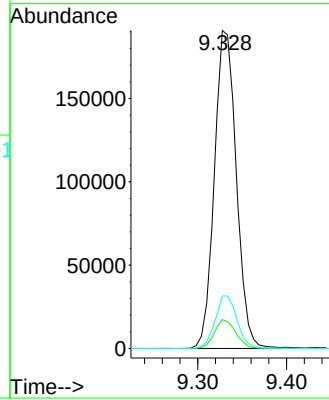
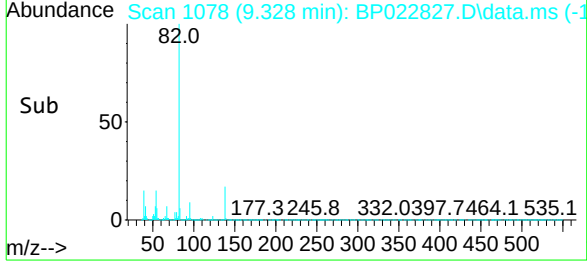
Instrument :
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Tgt Ion: 82 Resp: 327829
Ion Ratio Lower Upper
82 100
95 9.1 6.7 10.1
138 16.5 12.3 18.5

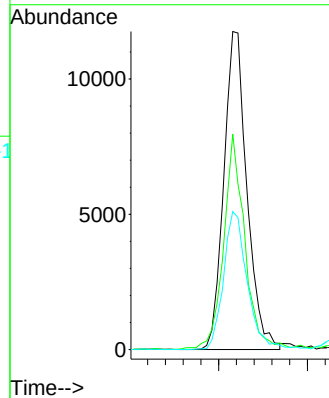
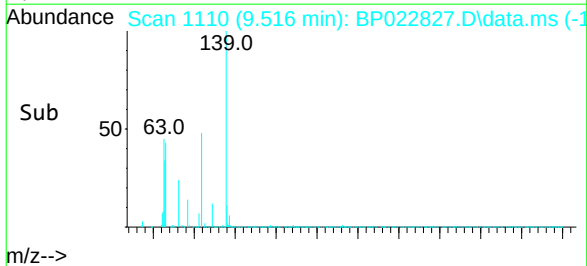
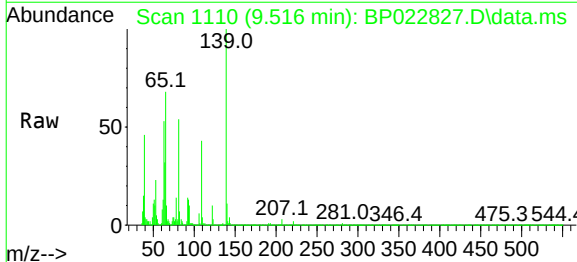
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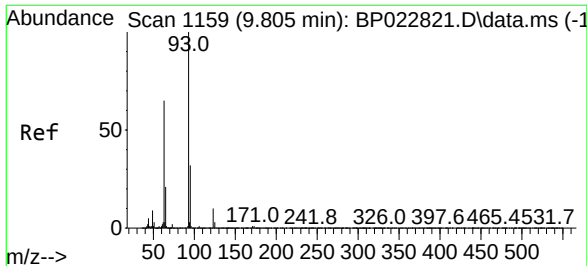
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#25
2-Nitrophenol
Concen: 7.010 ng/u1
RT: 9.516 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP022827.D
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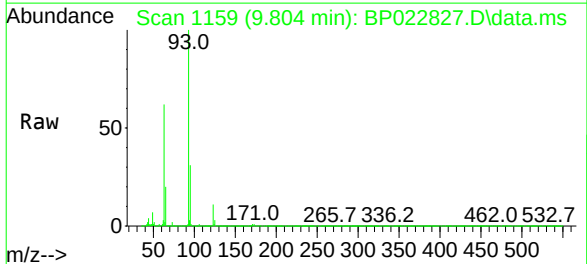
Tgt Ion:139 Resp: 21270
Ion Ratio Lower Upper
139 100
65 67.8 48.5 72.7
109 43.4 35.0 52.4





#27
Bis(2-Chloroethoxy)methane
Concen: 29.675 ng/ul
RT: 9.804 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

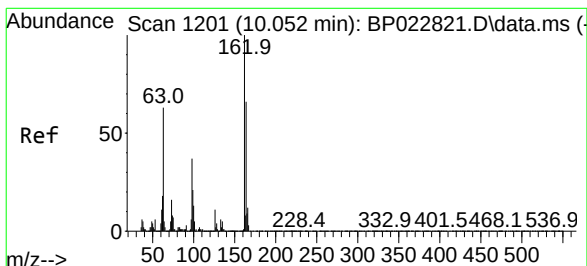
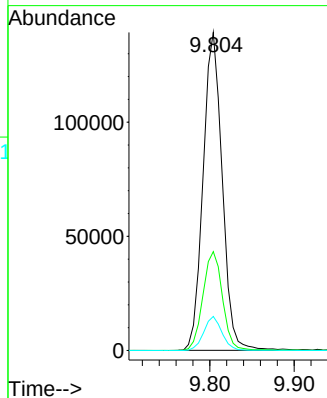
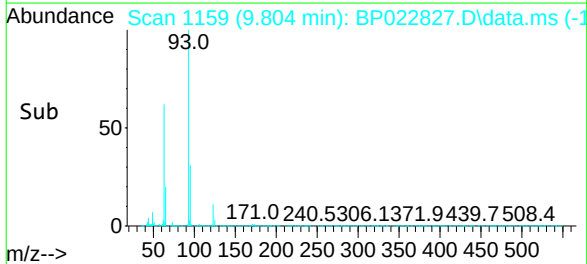
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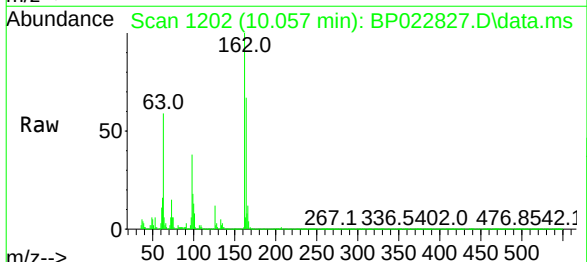
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Ion Ratio Lower Upper
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95 31.1 25.4 38.0
123 10.7 7.8 11.8

Manual Integrations
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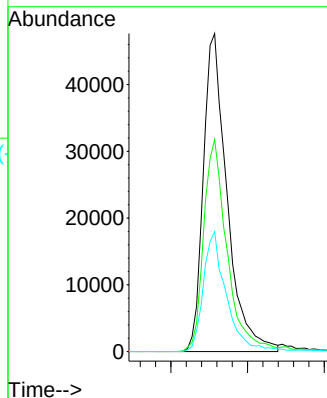
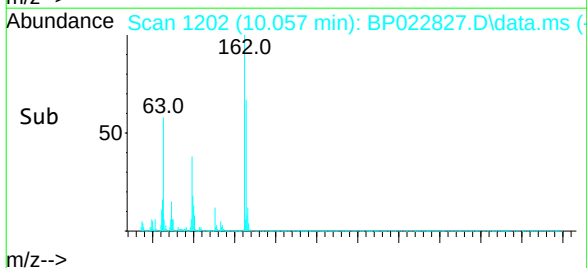
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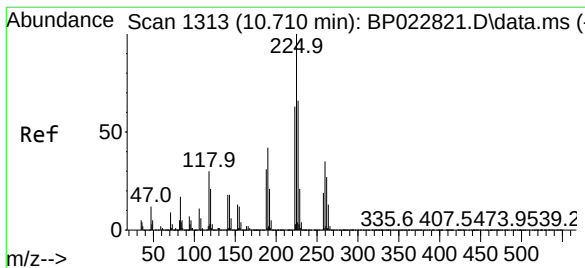


#29
2,4-Dichlorophenol
Concen: 17.393 ng/ul
RT: 10.057 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58



Tgt Ion:162 Resp: 102492
Ion Ratio Lower Upper
162 100
164 66.7 53.5 80.3
98 37.7 28.6 42.8





#33

Hexachlorobutadiene

Concen: 23.624 ng/ul

RT: 10.704 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BP022827.D

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Instrument :

BNA_P

ClientSampleId :

A4EA4DL

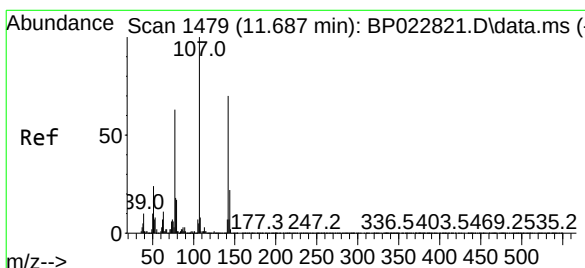
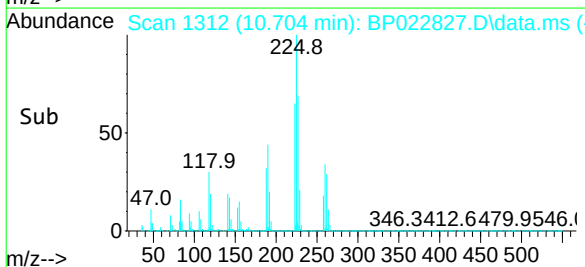
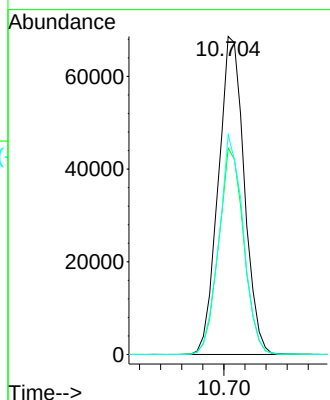
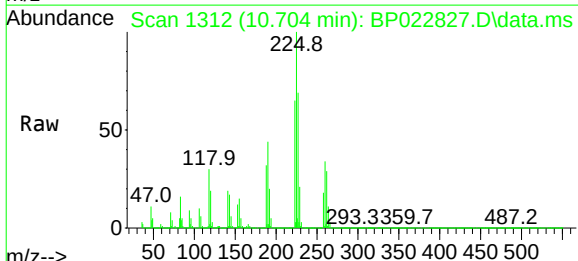
Tgt	Ion:225	Resp:	117331
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.2	75.4
227	69.1	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/08/2024



#35

4-Chloro-3-methylphenol

Concen: 6.062 ng/ul

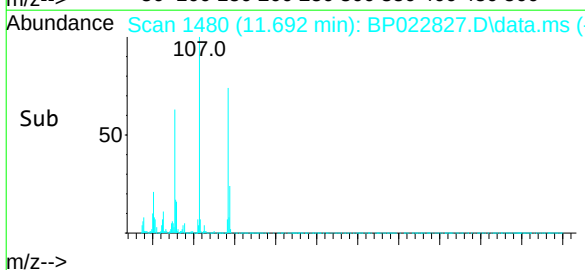
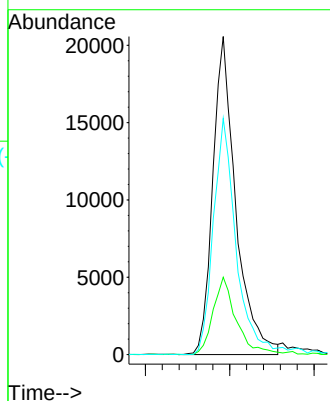
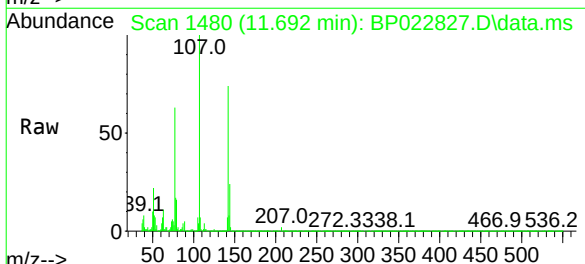
RT: 11.692 min Scan# 1480

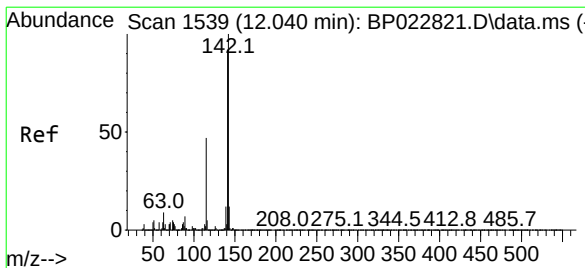
Delta R.T. -0.006 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

Tgt	Ion:107	Resp:	38977
Ion	Ratio	Lower	Upper
107	100		
144	24.3	18.5	27.7
142	74.2	57.6	86.4





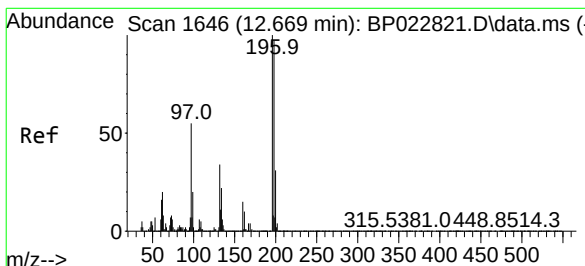
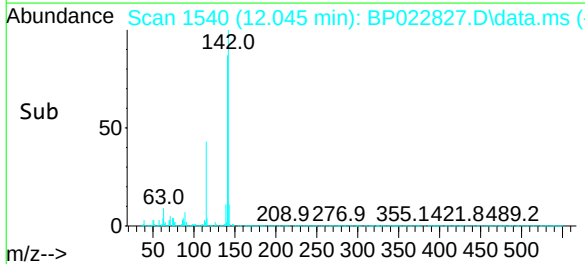
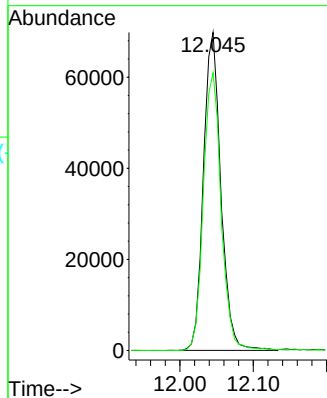
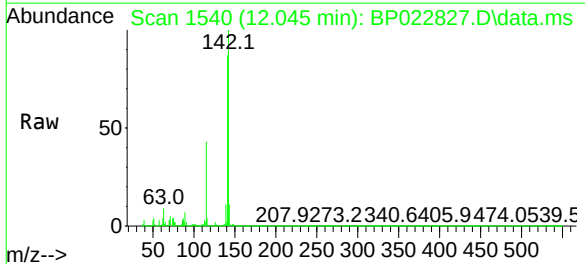
#36
2-Methylnaphthalene
Concen: 9.322 ng/u1
RT: 12.045 min Scan# 1539
Delta R.T. -0.012 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

Instrument :
BNA_P
ClientSampleId :
A4EA4DL

Tgt Ion:142 Resp: 115273
Ion Ratio Lower Upper
142 100
141 87.3 69.8 104.6

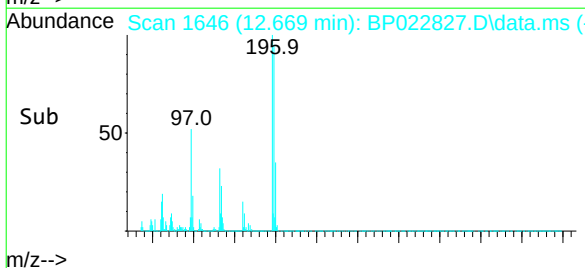
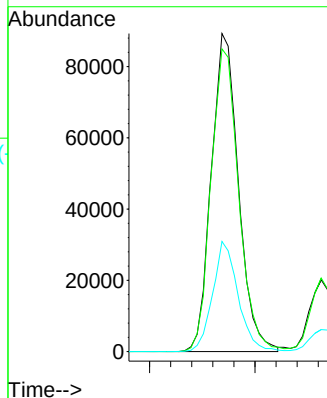
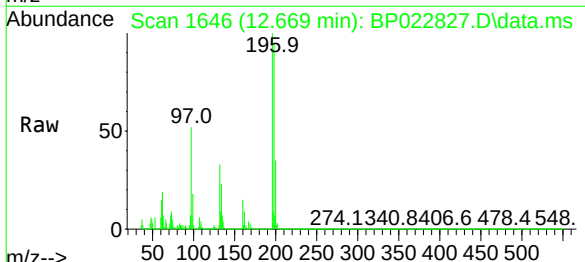
Manual Integrations
APPROVED

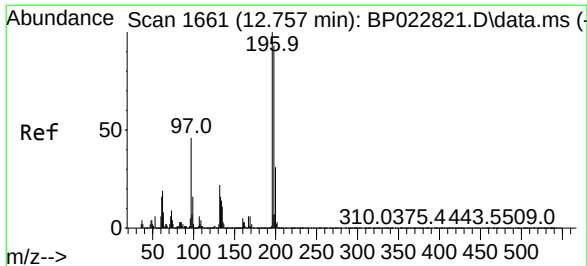
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#41
2,4,6-Trichlorophenol
Concen: 27.376 ng/u1
RT: 12.669 min Scan# 1646
Delta R.T. -0.012 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

Tgt Ion:196 Resp: 159723
Ion Ratio Lower Upper
196 100
198 95.2 75.8 113.8
200 34.6 25.6 38.4





#42

2,4,5-Trichlorophenol

Concen: 5.724 ng/u1

RT: 12.763 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

Instrument :

BNA_P

ClientSampleId :

A4EA4DL

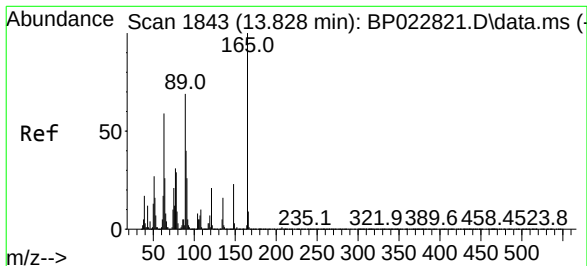
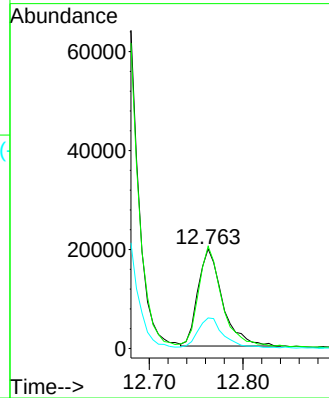
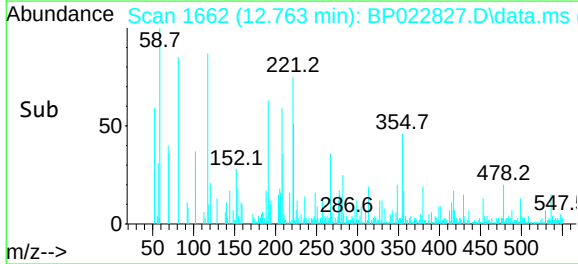
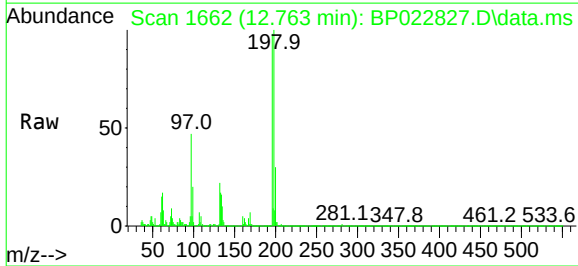
Tgt Ion:	196	Resp:	35560
Ion Ratio	Lower	Upper	
196	100		
198	102.5	78.0	117.0
200	30.6	27.0	40.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/08/2024



#48

2,6-Dinitrotoluene

Concen: 36.570 ng/u1

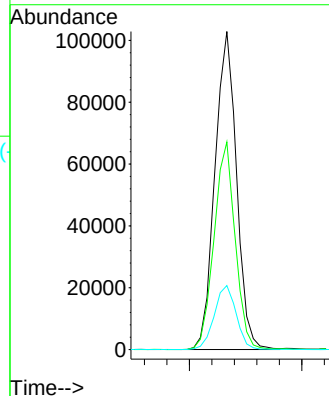
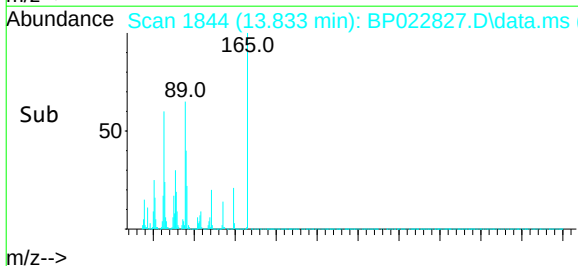
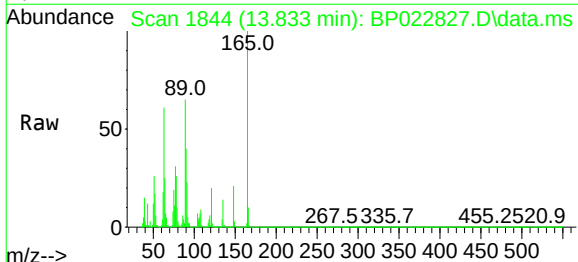
RT: 13.833 min Scan# 1844

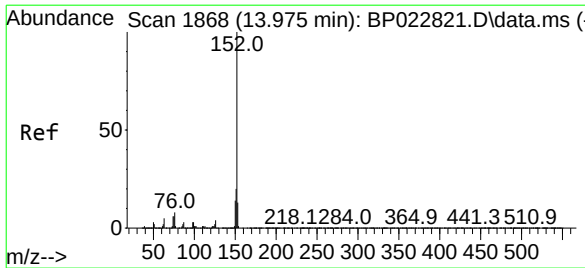
Delta R.T. -0.012 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

Tgt Ion:	165	Resp:	137375
Ion Ratio	Lower	Upper	
165	100		
89	65.3	50.2	75.4
121	20.1	17.1	25.7





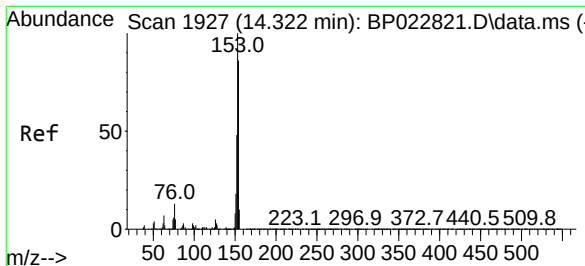
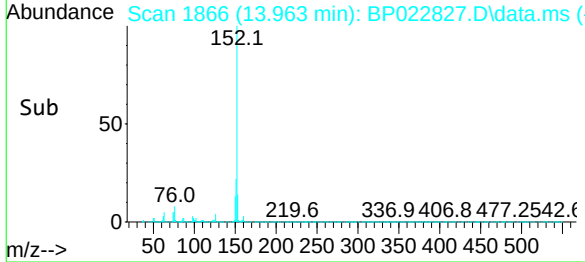
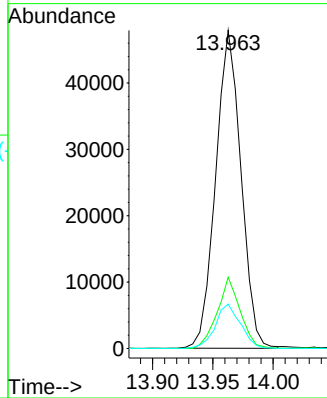
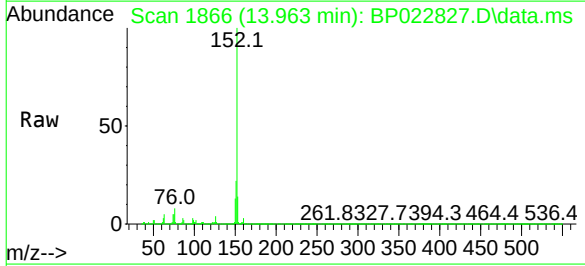
#50
Acenaphthylene
Concen: 3.183 ng/u1
RT: 13.963 min Scan# 1866
Delta R.T. -0.018 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

Instrument :
BNA_P
ClientSampleId :
A4EA4DL

Tgt Ion:	152	Resp:	69933
Ion Ratio	Lower	Upper	
152	100		
151	22.4	15.8	23.6
153	14.0	10.3	15.5

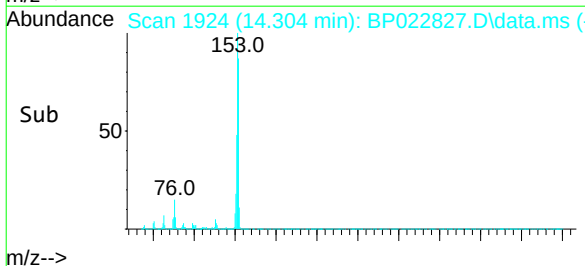
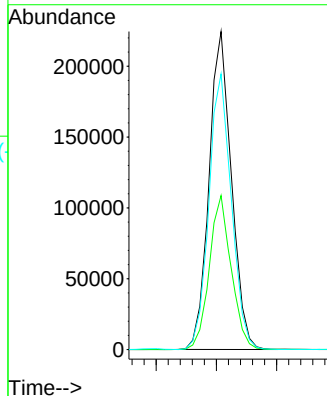
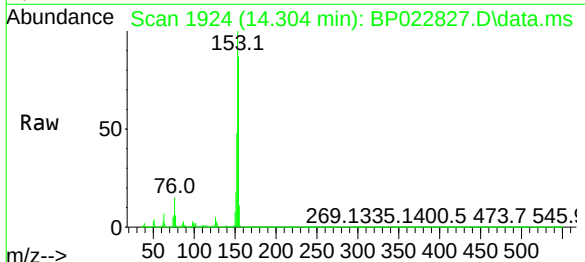
Manual Integrations
APPROVED

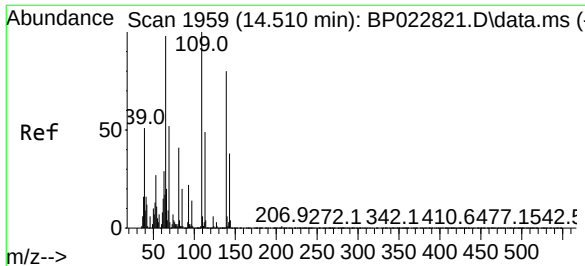
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#52
Acenaphthene
Concen: 18.684 ng/u1
RT: 14.304 min Scan# 1924
Delta R.T. -0.024 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

Tgt Ion:	153	Resp:	290272
Ion Ratio	Lower	Upper	
153	100		
152	48.4	37.8	56.6
154	86.7	69.5	104.3





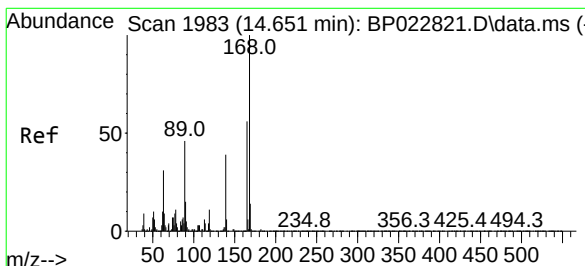
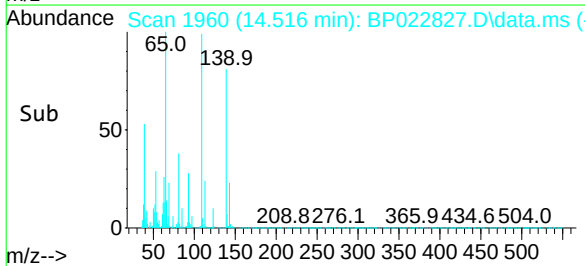
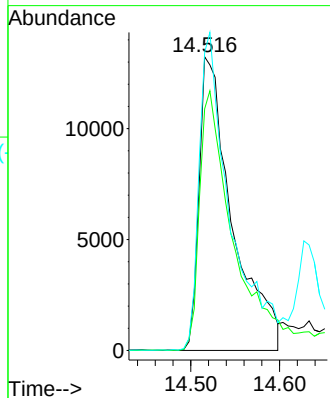
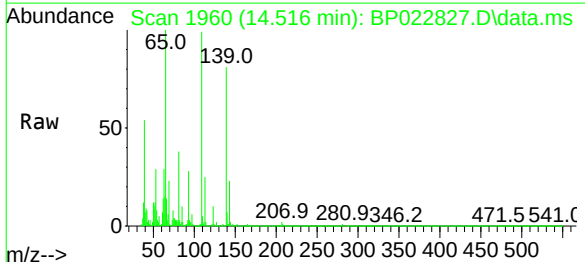
#55
4-Nitrophenol
Concen: 9.287 ng/ul
RT: 14.516 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

Instrument :
BNA_P
ClientSampleId :
A4EA4DL

Tgt	Ion	109	Resp:	34464
Ion	Ratio	Lower	Upper	
109	100			
139	82.3	76.4	114.6	
65	101.5	87.4	131.0	

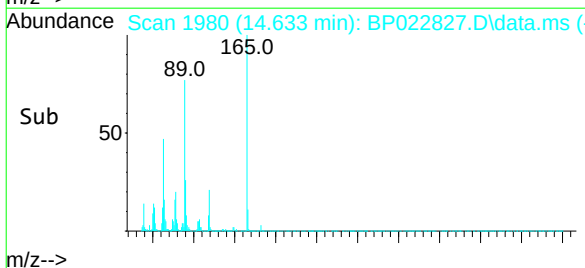
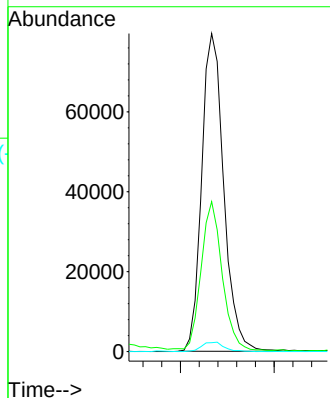
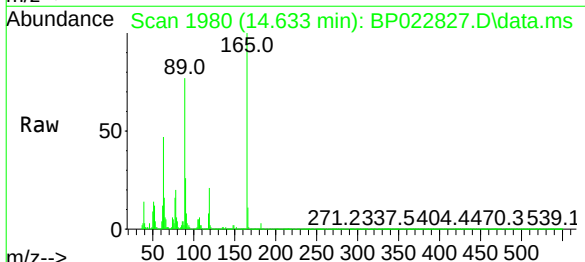
Manual Integrations
APPROVED

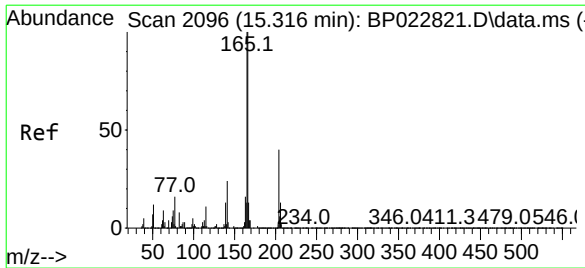
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#57
2,4-Dinitrotoluene
Concen: 22.284 ng/ul
RT: 14.633 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

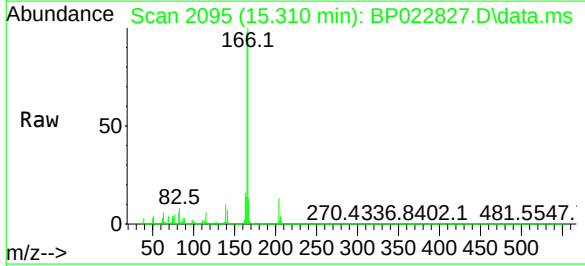
Tgt	Ion	165	Resp:	130076
Ion	Ratio	Lower	Upper	
165	100			
63	47.1	35.3	52.9	
182	2.8	2.6	4.0	





#61
Fluorene
Concen: 27.898 ng/u1
RT: 15.310 min Scan# 2095
Delta R.T. -0.018 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

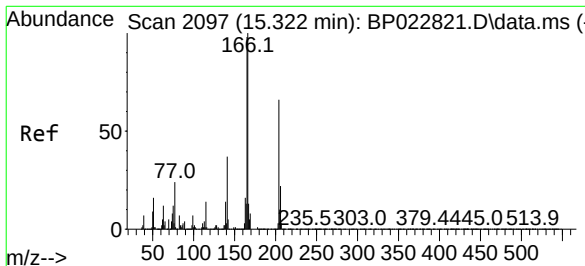
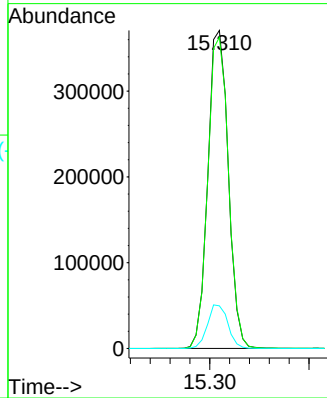
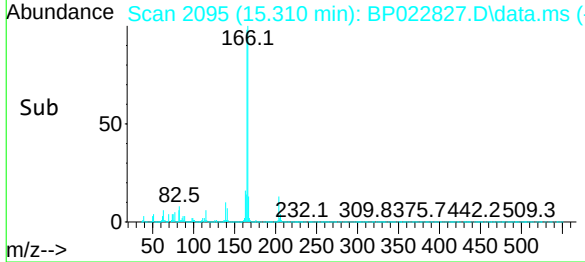
Instrument :
BNA_P
ClientSampleId :
A4EA4DL



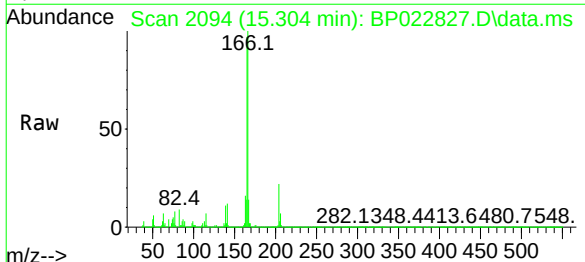
Tgt Ion:166 Resp: 530462
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.6
167 13.4 11.1 16.7

Manual Integrations
APPROVED

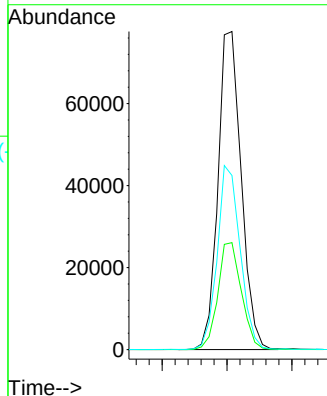
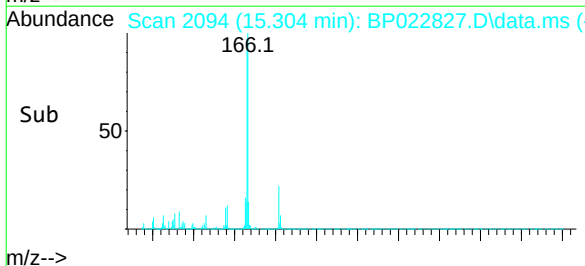
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

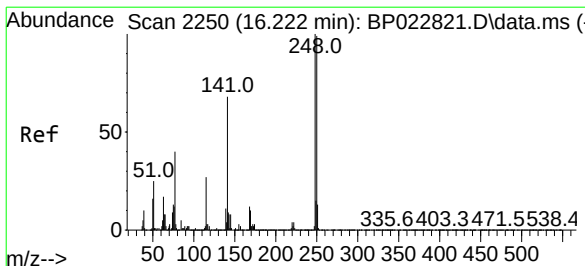


#62
4-Chlorophenyl-phenylether
Concen: 8.890 ng/u1
RT: 15.304 min Scan# 2094
Delta R.T. -0.024 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58



Tgt Ion:204 Resp: 96665
Ion Ratio Lower Upper
204 100
206 33.6 26.4 39.6
141 54.7 42.6 63.8





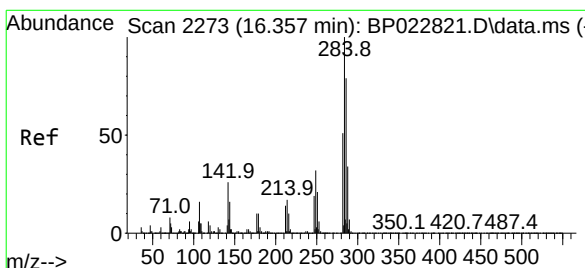
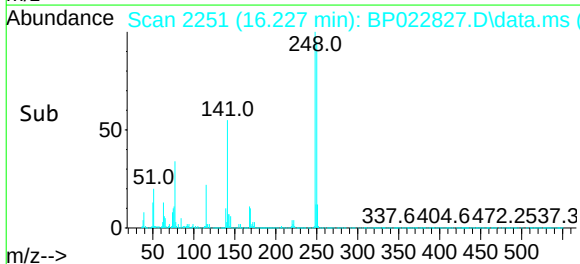
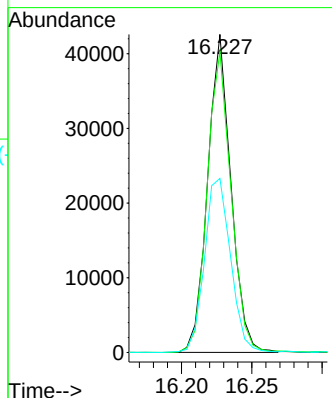
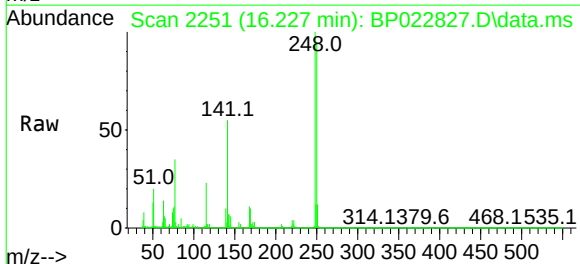
#68
4-Bromophenyl-phenylether
Concen: 6.943 ng/u1
RT: 16.227 min Scan# 2250
Delta R.T. -0.018 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

Instrument :
BNA_P
ClientSampleId :
A4EA4DL

Tgt Ion:248 Resp: 49155
Ion Ratio Lower Upper
248 100
250 94.6 76.0 114.0
141 54.7 49.0 73.6

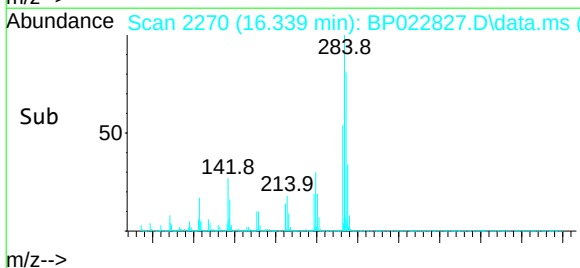
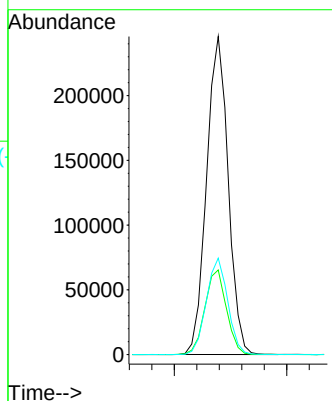
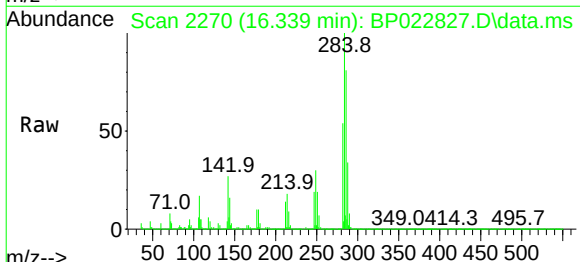
Manual Integrations
APPROVED

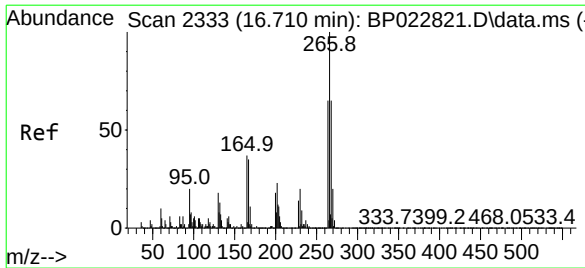
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#69
Hexachlorobenzene
Concen: 37.684 ng/u1
RT: 16.339 min Scan# 2270
Delta R.T. -0.024 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

Tgt Ion:284 Resp: 328413
Ion Ratio Lower Upper
284 100
142 26.6 21.8 32.8
249 30.3 24.8 37.2





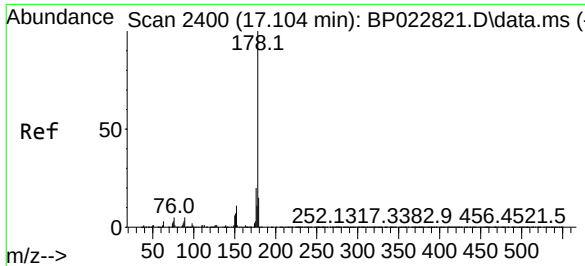
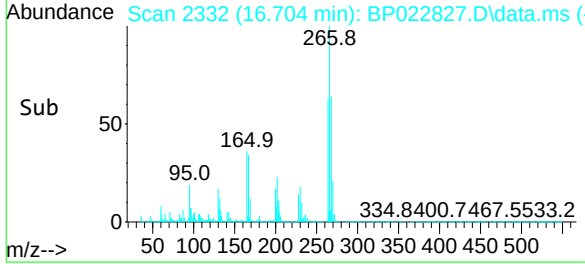
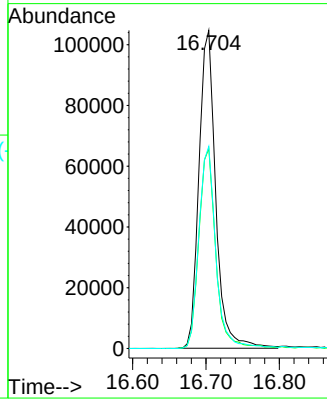
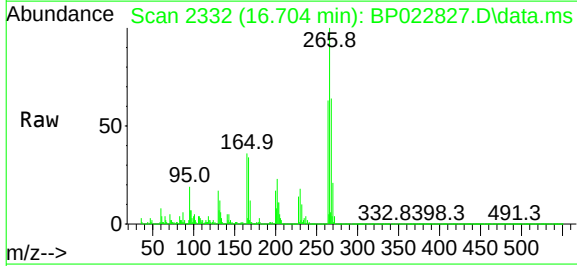
#71
Pentachlorophenol
Concen: 29.703 ng/u1
RT: 16.704 min Scan# 2333
Delta R.T. -0.012 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

Instrument :
BNA_P
ClientSampleId :
A4EA4DL

Tgt Ion:	266	Resp:	166440
Ion Ratio	Lower	Upper	
266	100		
264	62.8	52.4	78.6
268	63.5	53.0	79.4

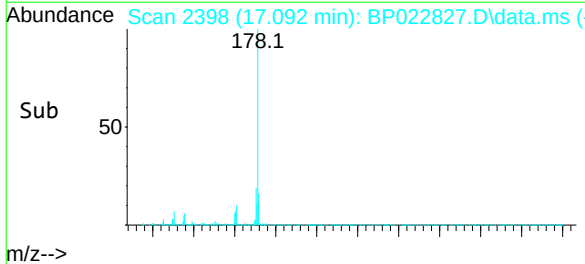
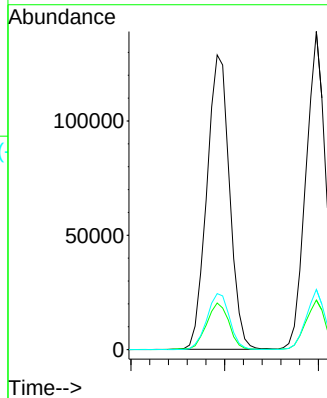
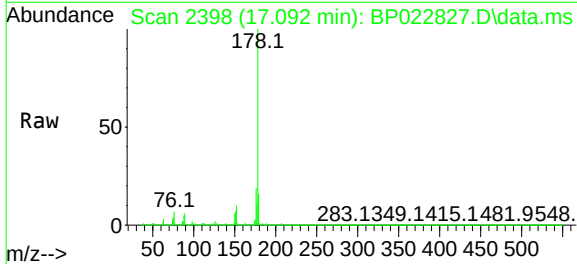
Manual Integrations
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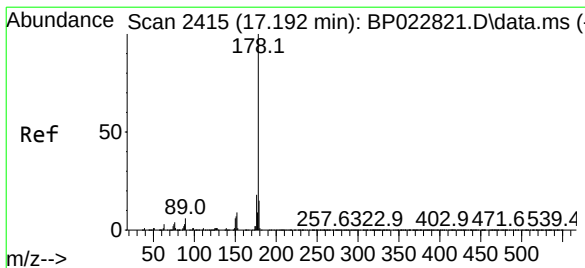
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#72
Phenanthrene
Concen: 6.908 ng/u1
RT: 17.092 min Scan# 2398
Delta R.T. -0.012 min
Lab File: BP022827.D
Acq: 04 Nov 2024 14:58

Tgt Ion:	178	Resp:	217003
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.4
176	19.0	15.7	23.5





#74

Anthracene

Concen: 6.593 ng/u1

RT: 17.198 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

Instrument :

BNA_P

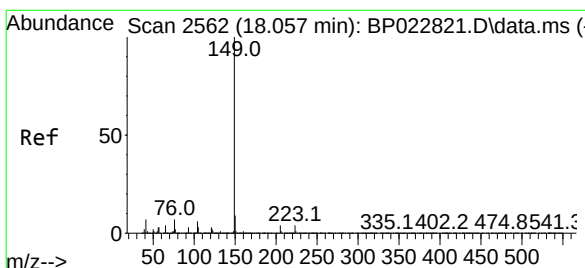
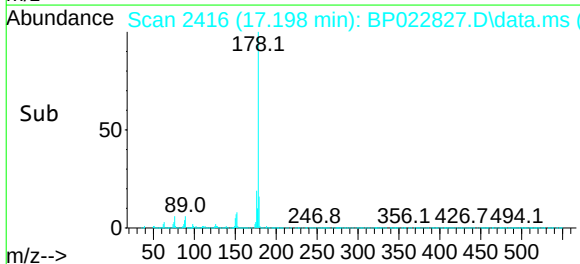
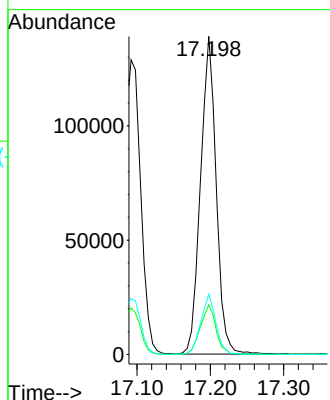
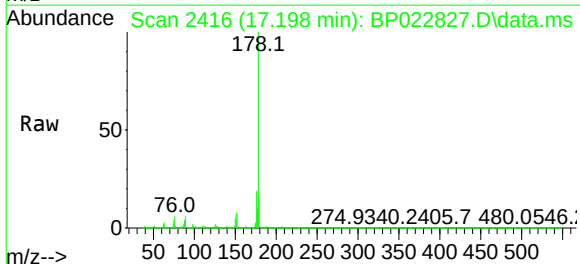
ClientSampleId :

A4EA4DL

Tgt Ion:	178	Resp:	206667
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.0	18.0
176	18.9	15.0	22.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#78

Di-n-butylphthalate

Concen: 23.815 ng/u1

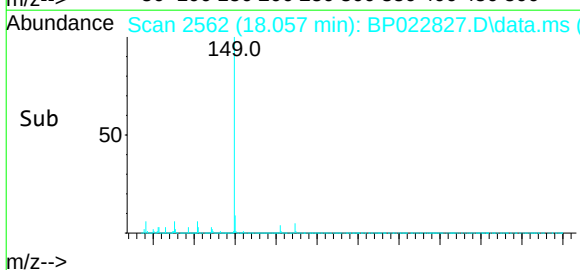
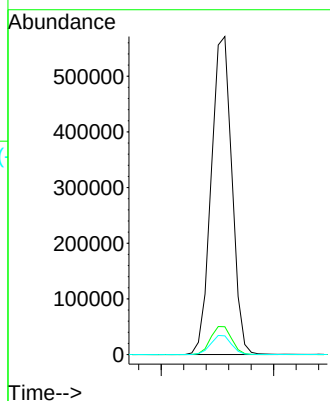
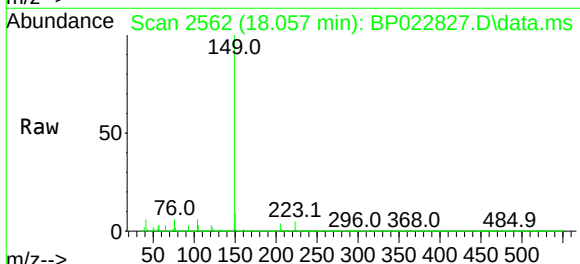
RT: 18.057 min Scan# 2562

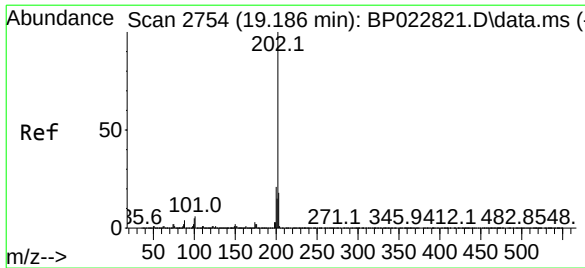
Delta R.T. -0.012 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

Tgt Ion:	149	Resp:	730874
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.3	10.9
104	5.9	4.8	7.2





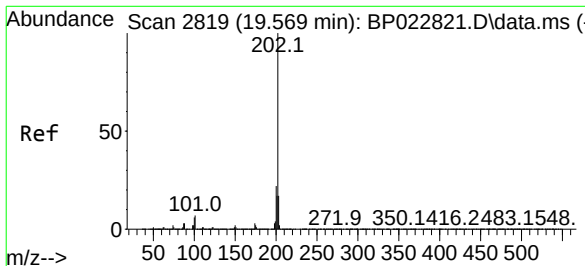
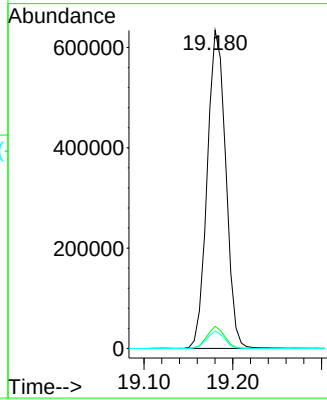
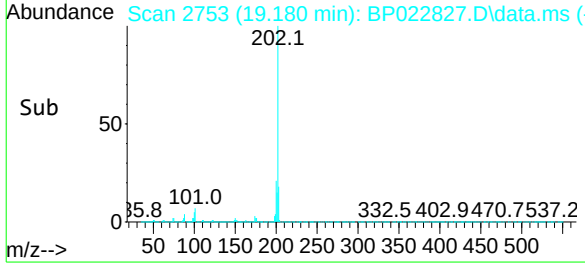
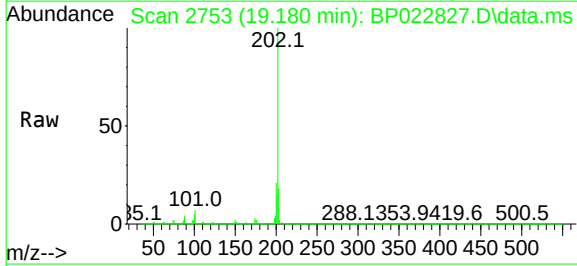
#80
 Fluoranthene
 Concen: 25.249 ng/u1
 RT: 19.180 min Scan# 2754
 Delta R.T. -0.012 min
 Lab File: BP022827.D
 Acq: 04 Nov 2024 14:58

Instrument : BNA_P
 ClientSampleId : A4EA4DL

Tgt Ion:	202	Resp:	919775
Ion Ratio	Lower	Upper	
202	100		
101	6.9	5.8	8.8
100	5.4	4.5	6.7

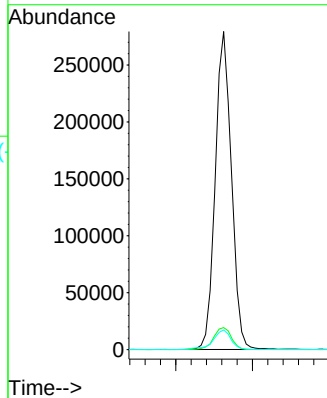
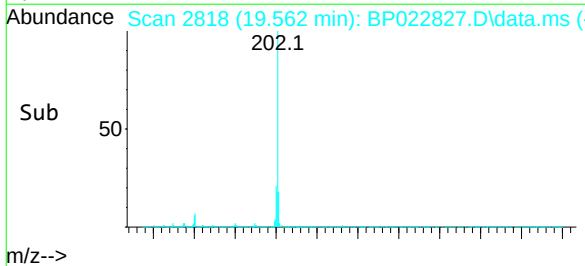
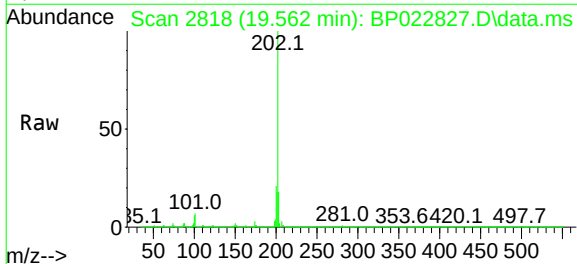
Manual Integrations
 APPROVED

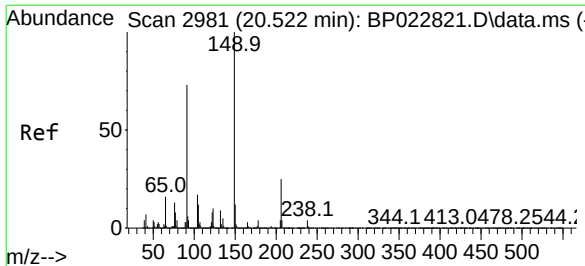
Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024



#82
 Pyrene
 Concen: 10.470 ng/u1
 RT: 19.562 min Scan# 2818
 Delta R.T. -0.012 min
 Lab File: BP022827.D
 Acq: 04 Nov 2024 14:58

Tgt Ion:	202	Resp:	408788
Ion Ratio	Lower	Upper	
202	100		
101	6.9	6.7	10.1
100	6.2	5.8	8.6





#83

Butylbenzylphthalate

Concen: 5.462 ng/ul

RT: 20.515 min Scan# 29

Delta R.T. -0.012 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

Instrument :

BNA_P

ClientSampleId :

A4EA4DL

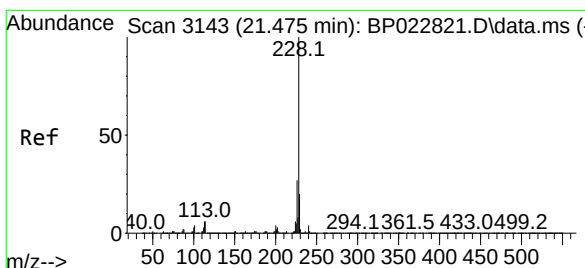
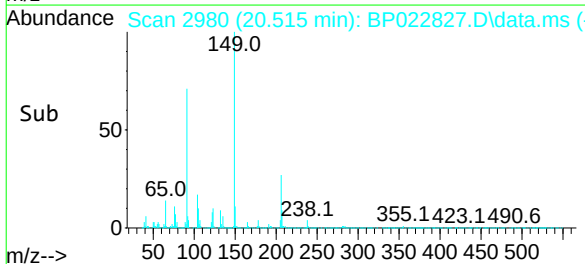
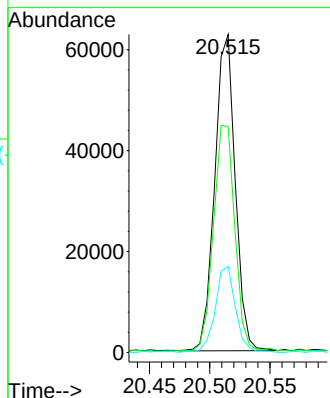
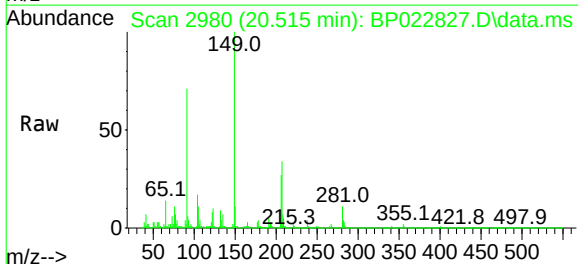
Tgt	Ion:149	Resp:	74249
Ion	Ratio	Lower	Upper
149	100		
91	71.1	56.6	84.8
206	27.0	18.6	27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/08/2024



#85

Benzo(a)anthracene

Concen: 18.680 ng/ul

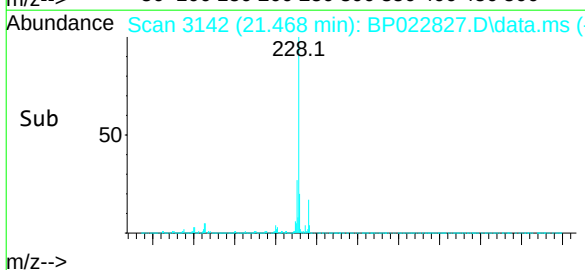
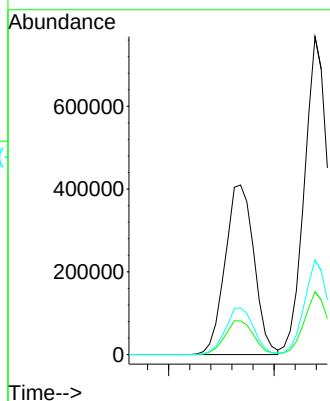
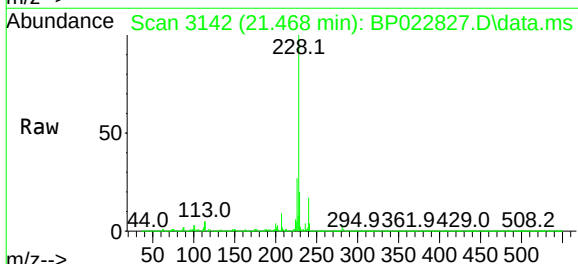
RT: 21.468 min Scan# 3142

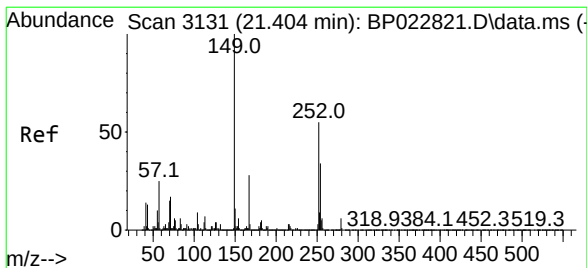
Delta R.T. -0.006 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

Tgt	Ion:228	Resp:	784678
Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.0
226	27.5	21.5	32.3





#86

Bis(2-ethylhexyl)phthalate

Concen: 24.372 ng/u1

RT: 21.392 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

Instrument :

BNA_P

ClientSampleId :

A4EA4DL

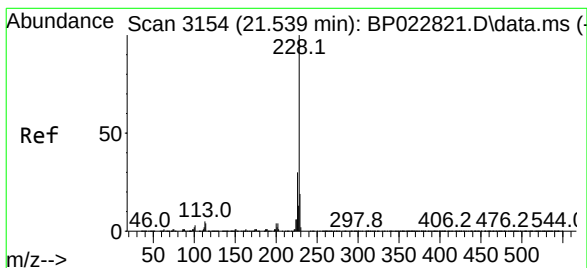
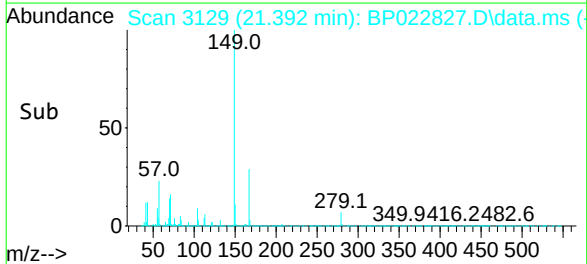
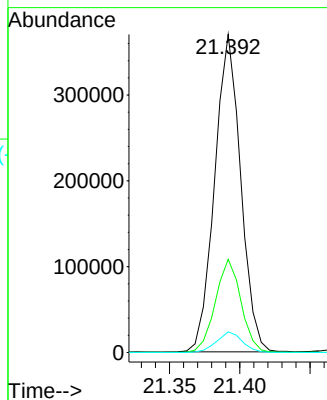
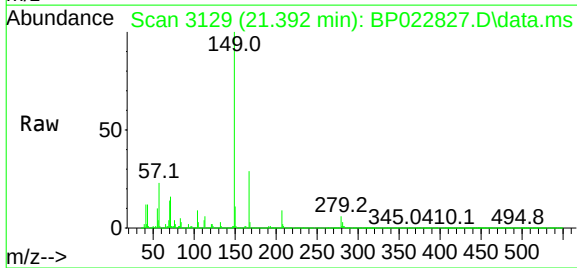
Tgt	Ion:149	Resp:	475551
Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.0	34.4
279	6.5	4.8	7.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/08/2024



#87

Chrysene

Concen: 29.947 ng/u1

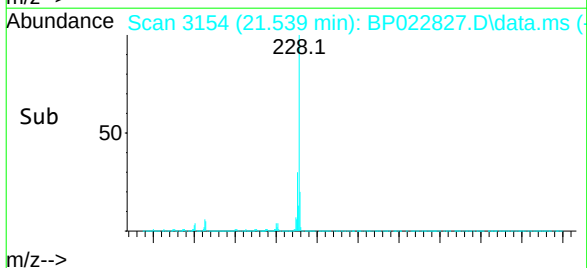
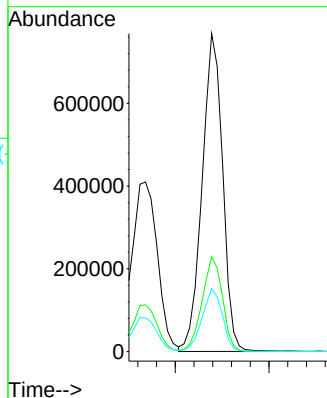
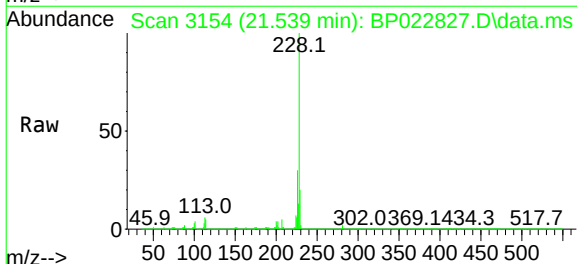
RT: 21.539 min Scan# 3154

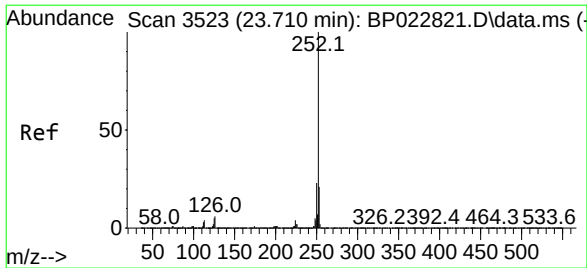
Delta R.T. -0.012 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

Tgt	Ion:228	Resp:	1166427
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.8	15.5	23.3





#90

Benzo(b)fluoranthene

Concen: 26.046 ng/u1

RT: 23.703 min Scan# 3523

Delta R.T. -0.018 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

Instrument :

BNA_P

ClientSampleId :

A4EA4DL

Tgt Ion:252 Resp: 1190172

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

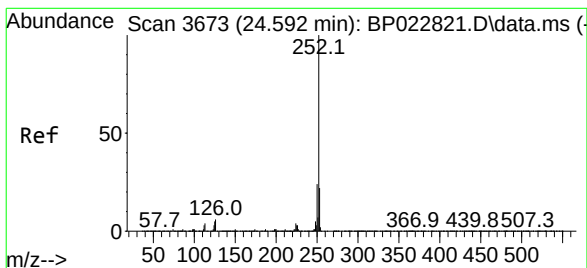
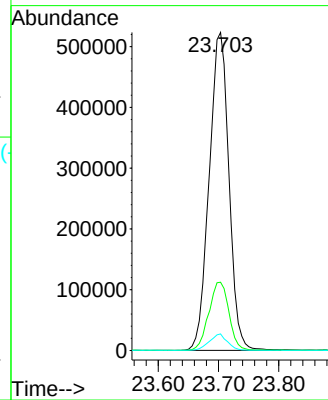
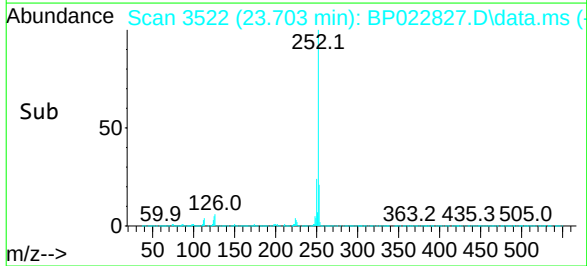
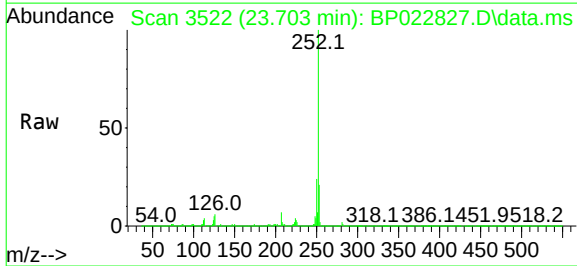
125 5.2 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/08/2024



#93

Benzo(a)pyrene

Concen: 5.779 ng/u1

RT: 24.562 min Scan# 3668

Delta R.T. -0.036 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

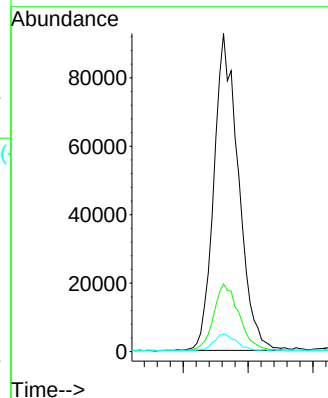
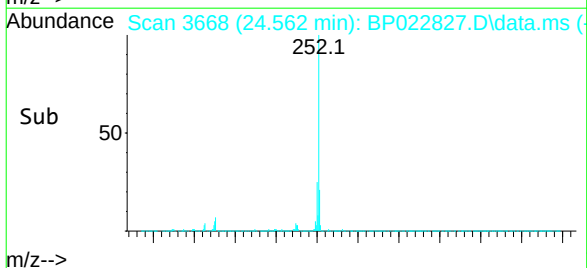
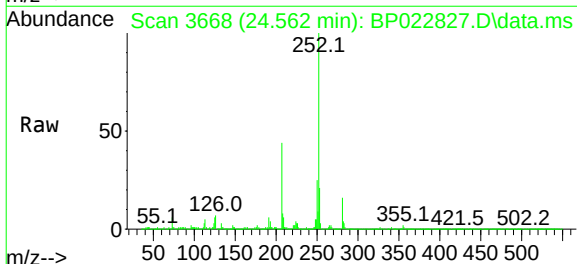
Tgt Ion:252 Resp: 243049

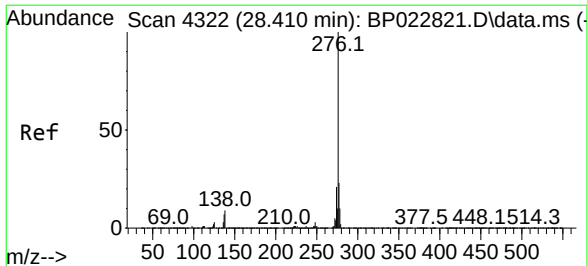
Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 5.5 4.9 7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.539 ng/ul m

RT: 28.403 min Scan# 43

Delta R.T. -0.036 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

Instrument :

BNA_P

ClientSampleId :

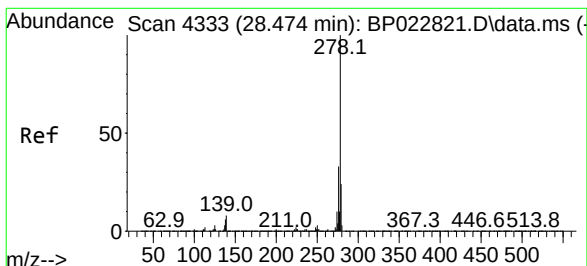
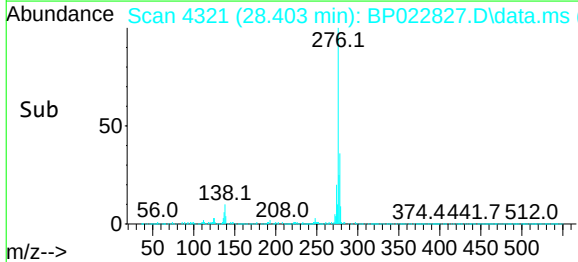
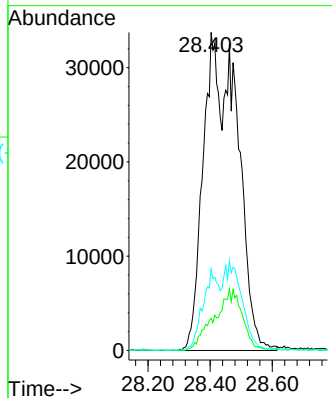
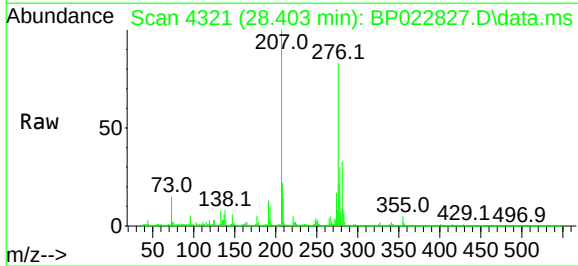
A4EA4DL

Tgt Ion:	276	Resp:	254714
Ion Ratio	Lower	Upper	
276	100		
138	10.1	9.1	13.7
277	25.6	18.6	27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#95

Dibenzo(a,h)anthracene

Concen: 11.657 ng/ul

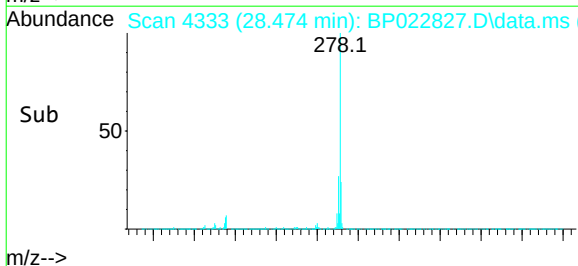
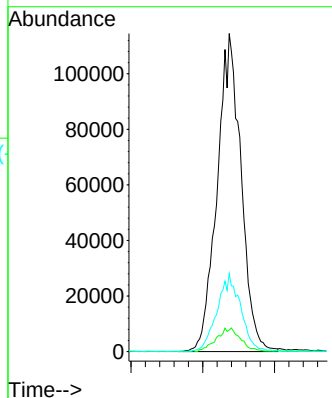
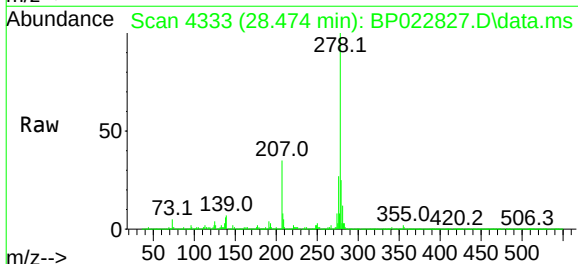
RT: 28.474 min Scan# 4333

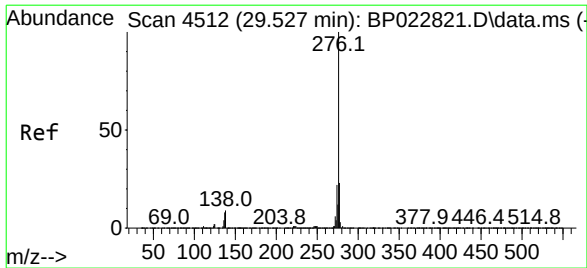
Delta R.T. -0.036 min

Lab File: BP022827.D

Acq: 04 Nov 2024 14:58

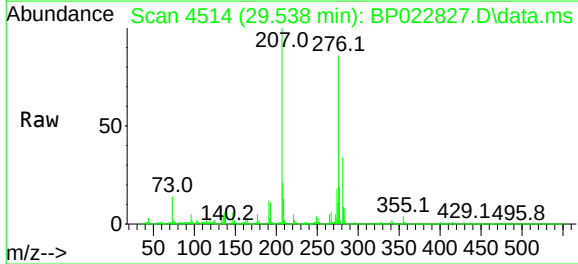
Tgt Ion:	278	Resp:	529749
Ion Ratio	Lower	Upper	
278	100		
139	6.8	7.3	10.9#
279	24.5	19.0	28.4





#96
 Benzo(g,h,i)perylene
 Concen: 4.088 ng/ul m
 RT: 29.538 min Scan# 45
 Delta R.T. -0.036 min
 Lab File: BP022827.D
 Acq: 04 Nov 2024 14:58

Instrument :
 BNA_P
 ClientSampleId :
 A4EA4DL



Tgt	Ion	276	Resp	178459
Ion	Ratio	Lower	Upper	
276	100			
138	9.9	8.5	12.7	
277	21.8	19.0	28.4	

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

