

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
 Data File : BP022079.D
 Acq On : 27 Sep 2024 15:05
 Operator : RC/JU
 Sample : P3910-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC18

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 28 02:55:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	132068	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	503711	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.328	164	377234	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	836641	20.000	ng/u1	0.06
79) Chrysene-d12	21.551	240	862896	20.000	ng/u1	0.01
88) Perylene-d12	24.851	264	1050106	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	10676	3.166	ng/uL	0.00
4) Pyridine-d5	3.634	84	137927	14.311	ng/u1	0.00
7) Phenol-d5	6.910	99	228797	21.178	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.046	67	167978	25.251	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	153419	19.628	ng/u1	0.01
15) 4-Methylphenol-d8	8.422	113	148334	17.328	ng/u1	0.02
21) Nitrobenzene-d5	8.846	128	56022	14.860	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	83610	19.559	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	176685	19.033	ng/u1	0.02
31) 4-Chloroaniline-d4	10.587	131	338302	30.543	ng/u1	-0.02
46) Dimethylphthalate-d6	13.745	166	547790	18.785	ng/u1	0.02
49) Acenaphthylene-d8	14.022	160	582075	18.853	ng/u1	0.02
54) 4-Nitrophenol-d4	14.563	143	216707	43.446	ng/u1	0.04
60) Fluorene-d10	15.351	176	484158	18.770	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.475	200	109450m	21.071	ng/u1	0.03
73) Anthracene-d10	17.269	188	819687m	20.987	ng/u1	0.05
81) Pyrene-d10	19.616	212	960680	21.489	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.627	264	1095152	19.828	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.516	128	1537047	57.993	ng/u1	98
33) Hexachlorobutadiene	10.804	225	17296	2.112	ng/u1	92
36) 2-Methylnaphthalene	12.134	142	2348323	119.226	ng/u1	99
37) 1-Methylnaphthalene	12.363	142	1412335	71.098	ng/u1	99
41) 2,4,6-Trichlorophenol	12.757	196	83144	9.944	ng/u1	93
42) 2,4,5-Trichlorophenol	12.845	196	25782	2.848	ng/u1	96
43) 1,1'-Biphenyl	13.145	154	326555	12.105	ng/u1	94
52) Acenaphthene	14.392	153	107824	4.609	ng/u1#	93
58) 2,3,4,6-Tetrachlorophenol	15.004	232	8430577	967.326	ng/u1	96
61) Fluorene	15.404	166	239492	8.280	ng/u1#	87
71) Pentachlorophenol	16.839	266	47273708m	5807.981	ng/u1	
72) Phenanthrene	17.216	178	1083741	24.705	ng/u1#	93
86) Bis(2-ethylhexyl)phtha...	21.474	149	126544	4.500	ng/u1#	80

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

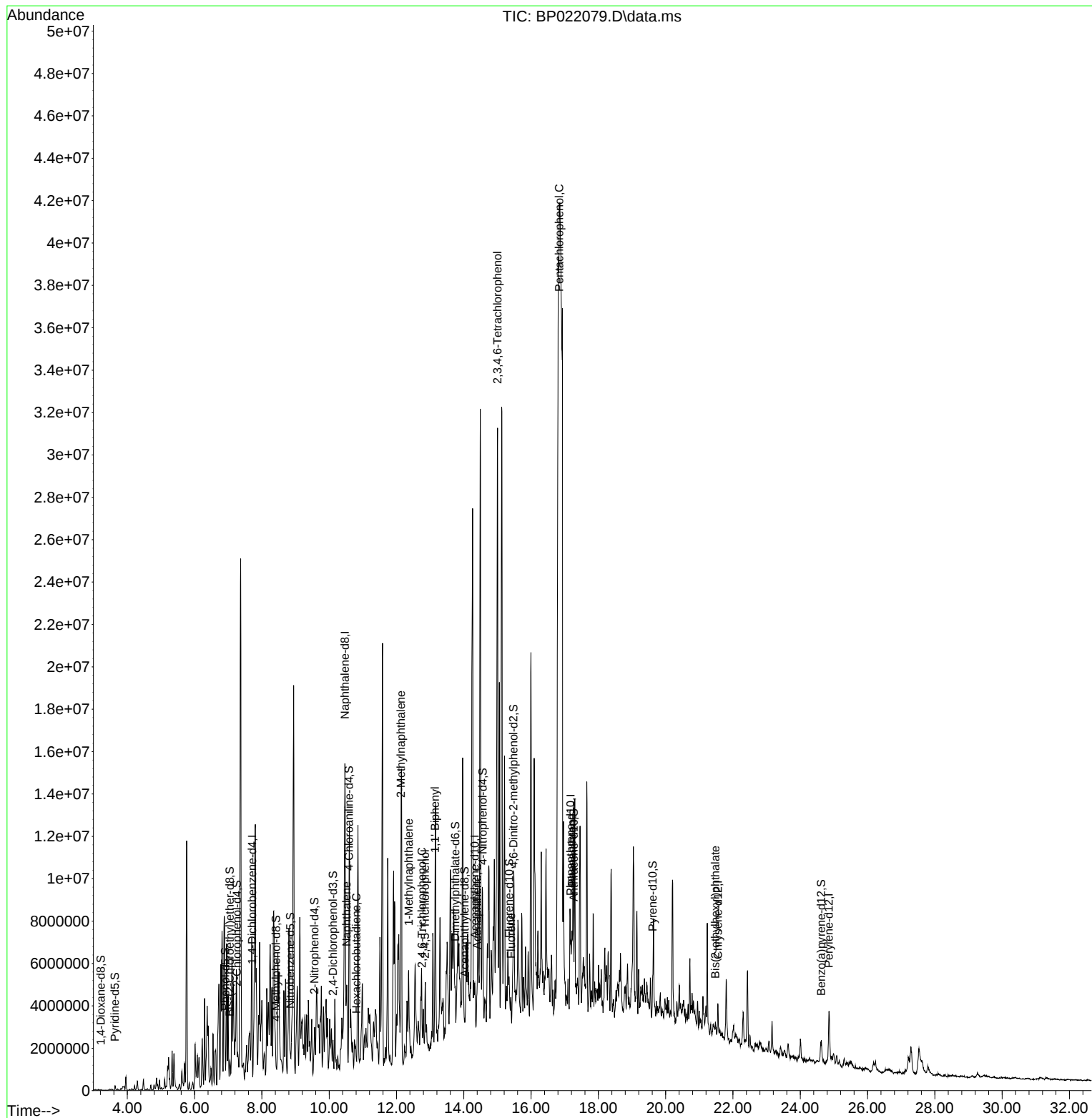
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022079.D
Acq On : 27 Sep 2024 15:05
Operator : RC/JU
Sample : P3910-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

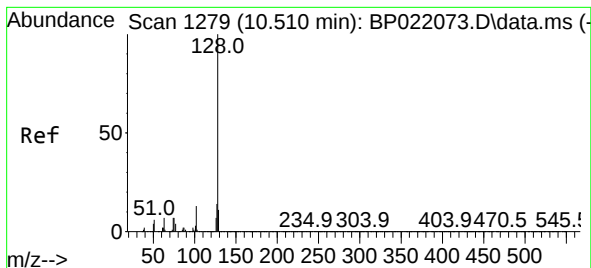
Instrument :
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DDC18

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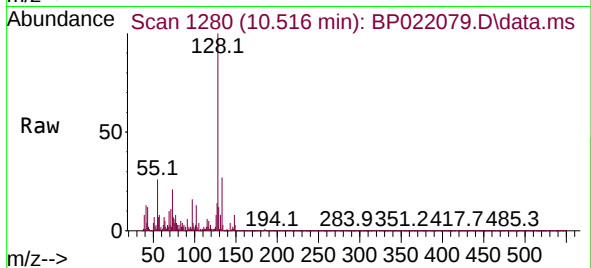
Quant Time: Sep 28 02:55:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 57.993 ng/ul
RT: 10.516 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP022079.D
Acq: 27 Sep 2024 15:05

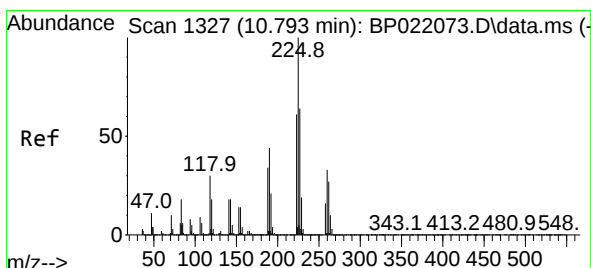
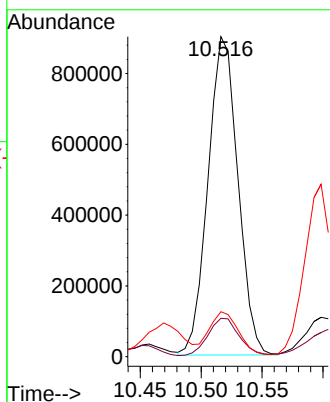
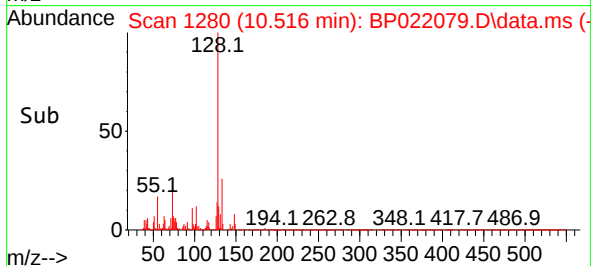
Instrument :
BNA_P
ClientSampleId :
DDC18



Tgt Ion:128 Resp: 153704
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 14.1 10.9 16.3

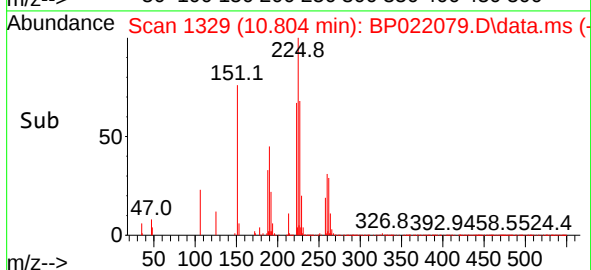
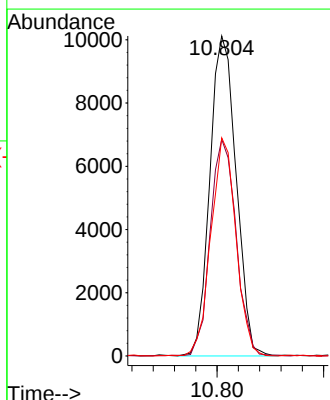
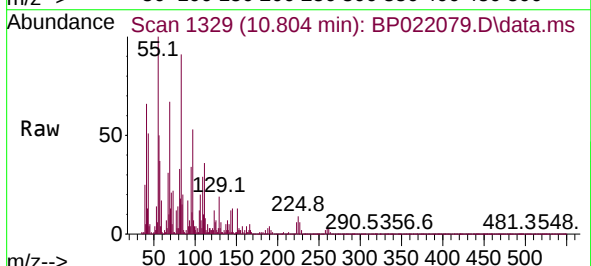
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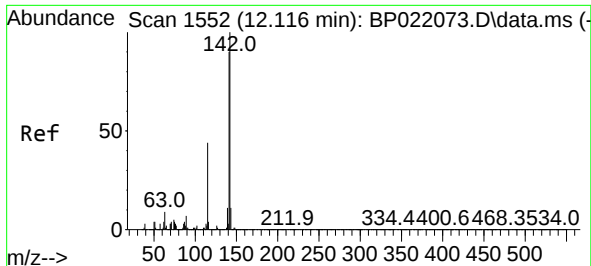
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#33
Hexachlorobutadiene
Concen: 2.112 ng/ul
RT: 10.804 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BP022079.D
Acq: 27 Sep 2024 15:05

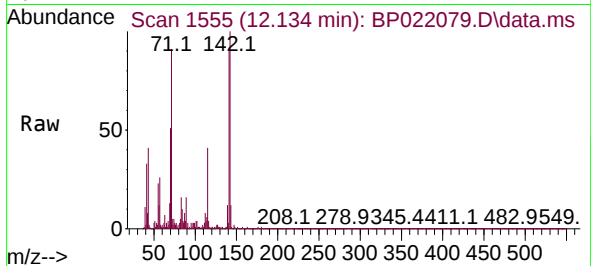
Tgt Ion:225 Resp: 17296
Ion Ratio Lower Upper
225 100
223 67.7 47.1 70.7
227 68.1 51.6 77.4





#36
2-Methylnaphthalene
Concen: 119.226 ng/ul
RT: 12.134 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BP022079.D
Acq: 27 Sep 2024 15:05

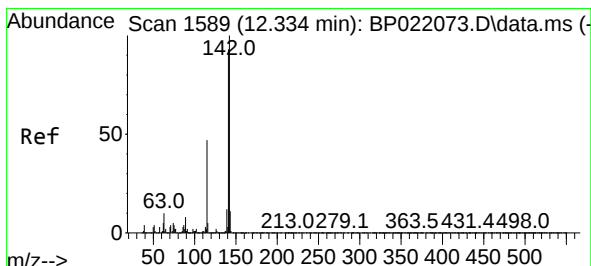
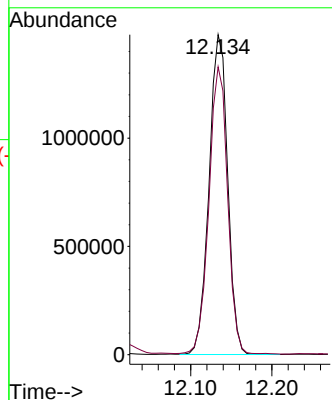
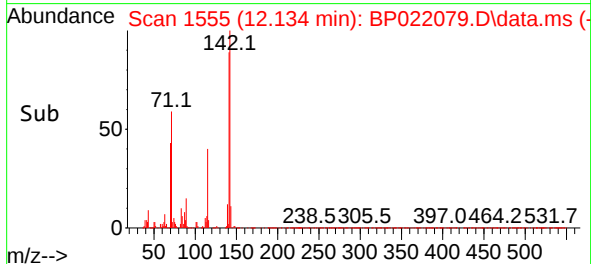
Instrument :
BNA_P
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DDC18



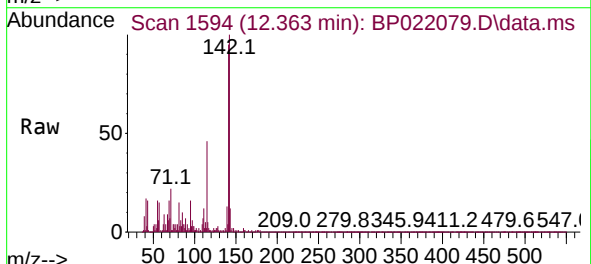
Tgt Ion:142 Resp: 234832
Ion Ratio Lower Upper
142 100
141 90.0 72.6 109.0

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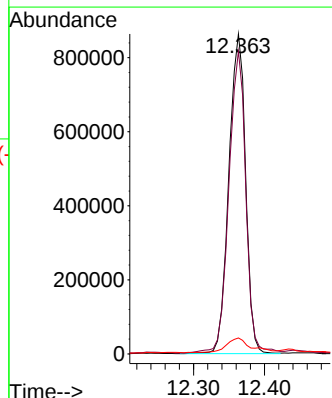
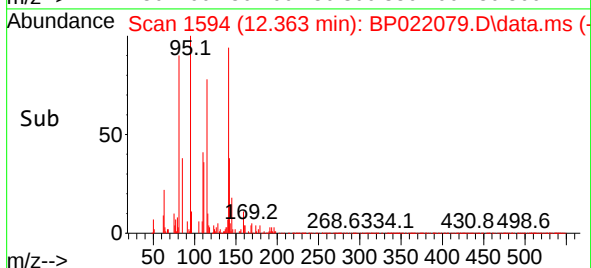
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

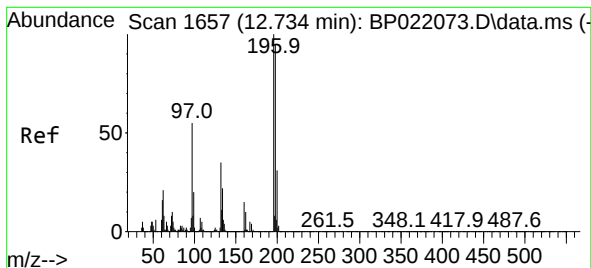


#37
1-Methylnaphthalene
Concen: 71.098 ng/ul
RT: 12.363 min Scan# 1594
Delta R.T. 0.018 min
Lab File: BP022079.D
Acq: 27 Sep 2024 15:05



Tgt Ion:142 Resp: 1412335
Ion Ratio Lower Upper
142 100
141 94.7 74.6 111.8
116 5.0 3.9 5.9





#41

2,4,6-Trichlorophenol

Concen: 9.944 ng/ul

RT: 12.757 min Scan# 1661

Delta R.T. 0.012 min

Lab File: BP022079.D

Acq: 27 Sep 2024 15:05

Instrument :

BNA_P

ClientSampleId :

DDC18

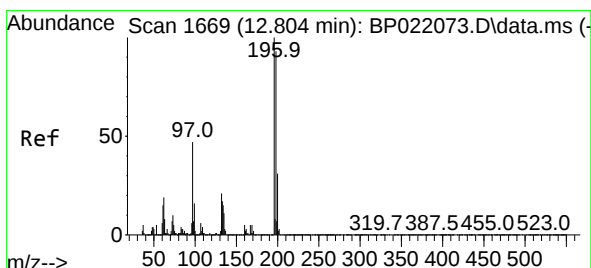
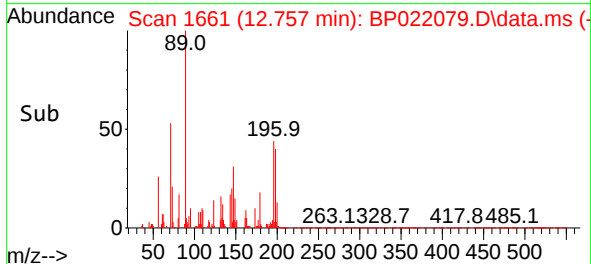
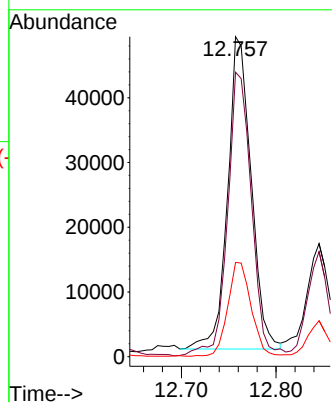
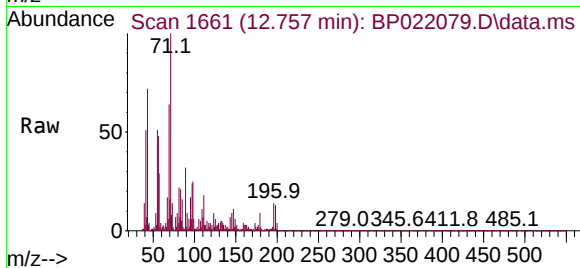
Tgt Ion:196	Resp:	8314
Ion Ratio	Lower	Upper
196	100	
198	88.9	77.6 116.4
200	29.4	24.2 36.4

Manual Integrations

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Supervised By :mohammad ahmed 10/01/2024



#42

2,4,5-Trichlorophenol

Concen: 2.848 ng/ul

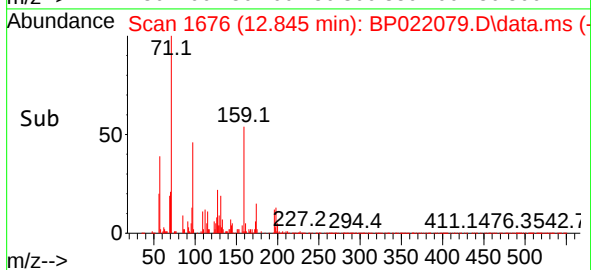
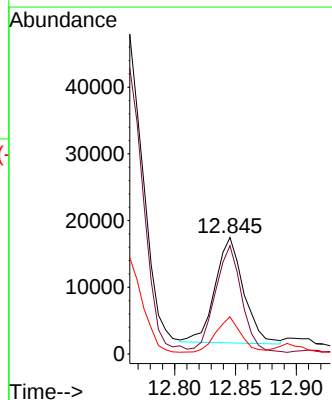
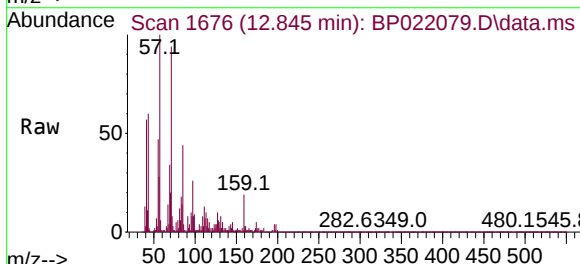
RT: 12.845 min Scan# 1676

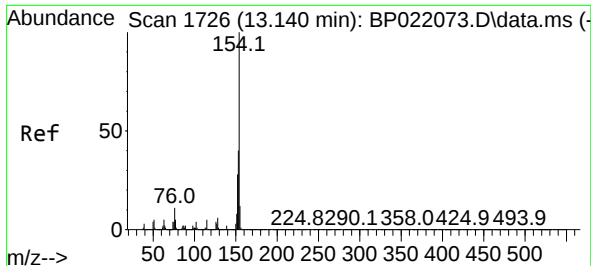
Delta R.T. 0.029 min

Lab File: BP022079.D

Acq: 27 Sep 2024 15:05

Tgt Ion:196	Resp:	25782
Ion Ratio	Lower	Upper
196	100	
198	93.0	78.2 117.2
200	31.8	26.1 39.1





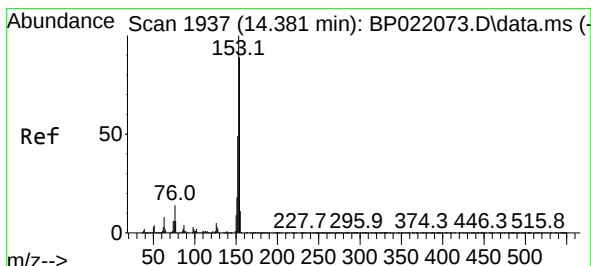
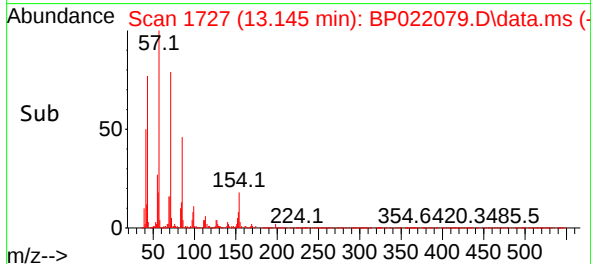
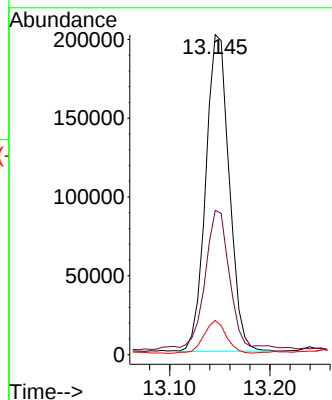
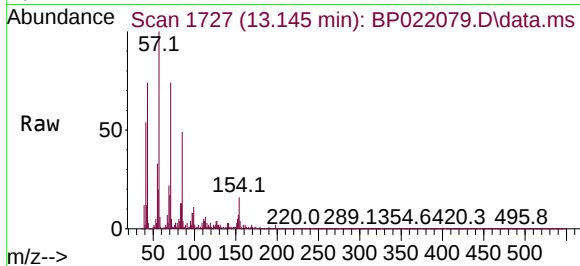
#43
1,1'-Biphenyl
Concen: 12.105 ng/ul
RT: 13.145 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BP022079.D
Acq: 27 Sep 2024 15:05

Instrument :
BNA_P
ClientSampleId :
DDC18

Tgt Ion:154 Resp: 32655
Ion Ratio Lower Upper
154 100
153 45.1 32.6 49.0
76 10.7 10.1 15.1

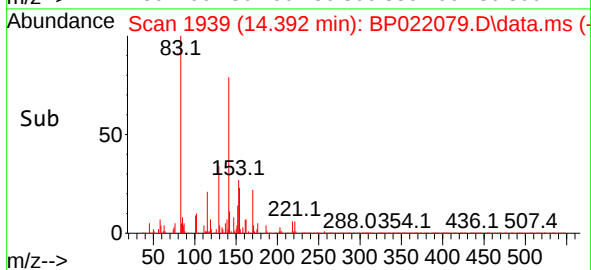
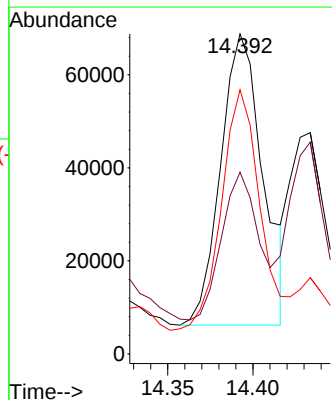
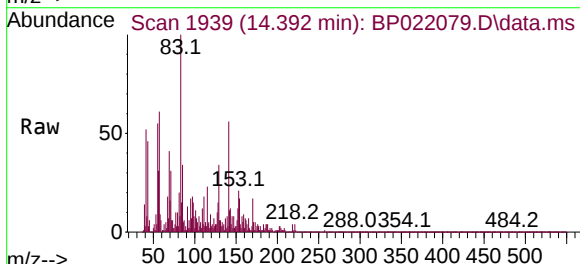
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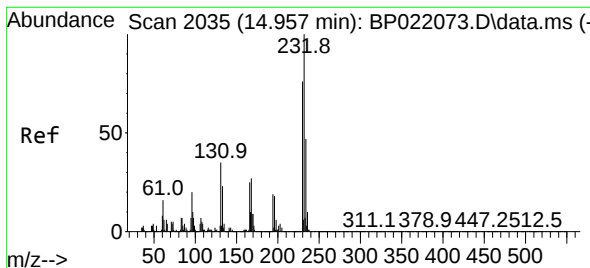
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#52
Acenaphthene
Concen: 4.609 ng/ul
RT: 14.392 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BP022079.D
Acq: 27 Sep 2024 15:05

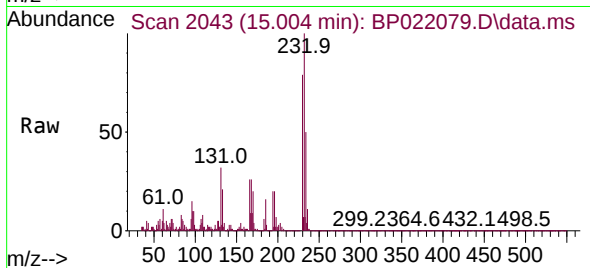
Tgt Ion:153 Resp: 107824
Ion Ratio Lower Upper
153 100
152 56.8 37.1 55.7#
154 82.6 67.4 101.0





#58
2,3,4,6-Tetrachlorophenol
Concen: 967.326 ng/ul
RT: 15.004 min Scan# 2035
Delta R.T. 0.041 min
Lab File: BP022079.D
Acq: 27 Sep 2024 15:05

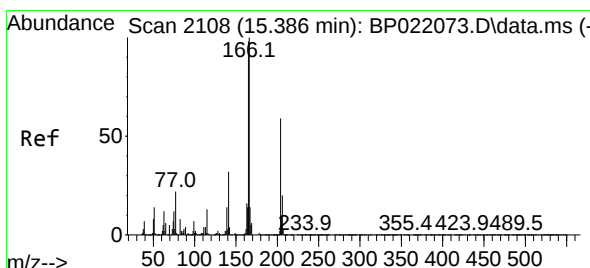
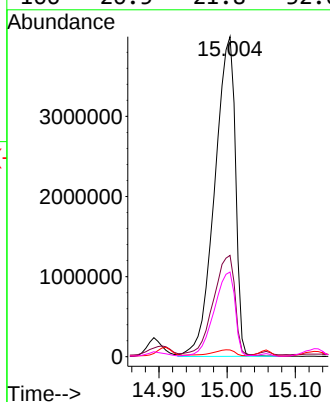
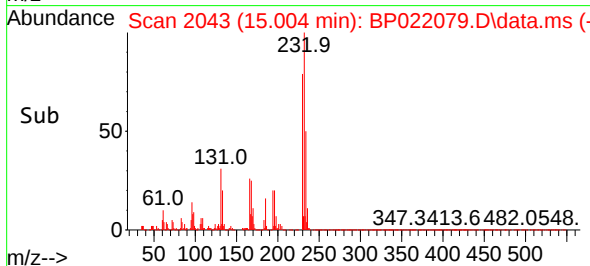
Instrument :
BNA_P
ClientSampleId :
DDC18



Tgt Ion:232 Resp: 843057
Ion Ratio Lower Upper
232 100
131 31.6 28.2 42.2
130 2.1 1.8 2.6
166 26.5 21.8 32.6

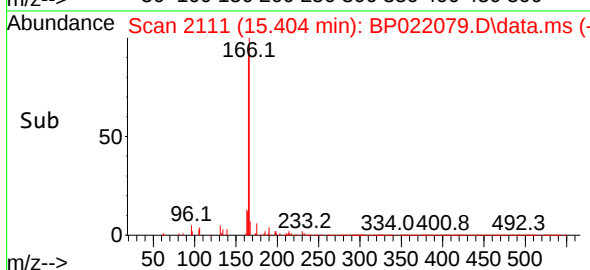
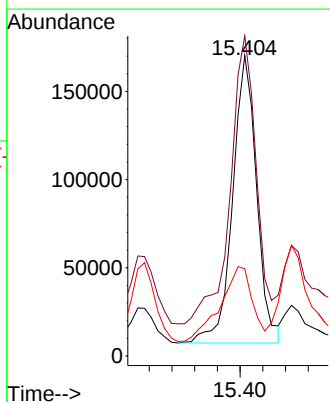
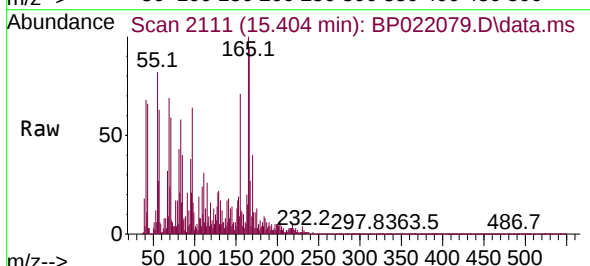
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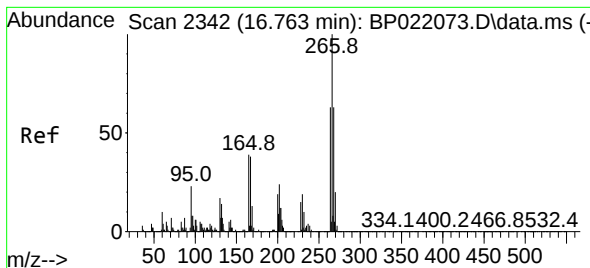
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#61
Fluorene
Concen: 8.280 ng/ul
RT: 15.404 min Scan# 2111
Delta R.T. 0.024 min
Lab File: BP022079.D
Acq: 27 Sep 2024 15:05

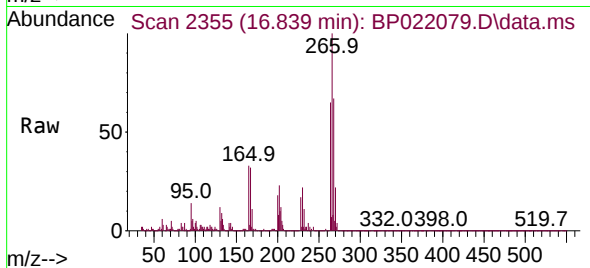
Tgt Ion:166 Resp: 239492
Ion Ratio Lower Upper
166 100
165 106.6 77.9 116.9
167 29.0 10.5 15.7#





#71
Pentachlorophenol
Concen: 5807.981 ng/ul m
RT: 16.839 min Scan# 2419
Delta R.T. 0.082 min
Lab File: BP022079.D
Acq: 27 Sep 2024 15:05

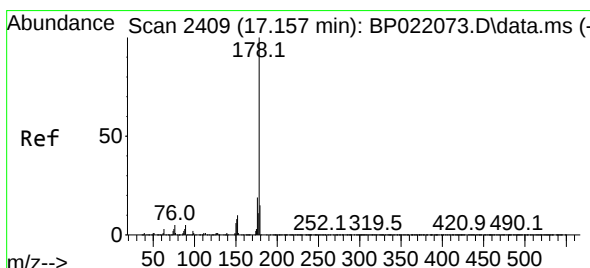
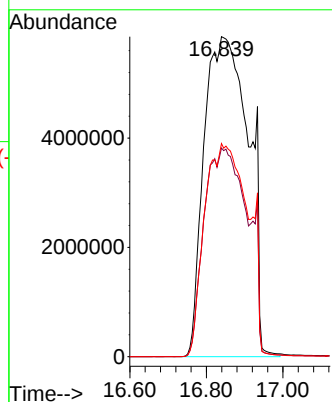
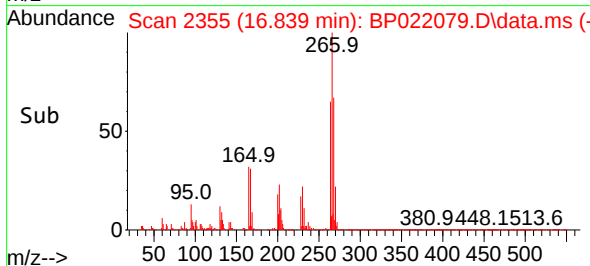
Instrument :
BNA_P
ClientSampleId :
DDC18



Tgt Ion:266 Resp:47273708
Ion Ratio Lower Upper
266 100
264 65.2 50.2 75.4
268 66.6 51.4 77.0

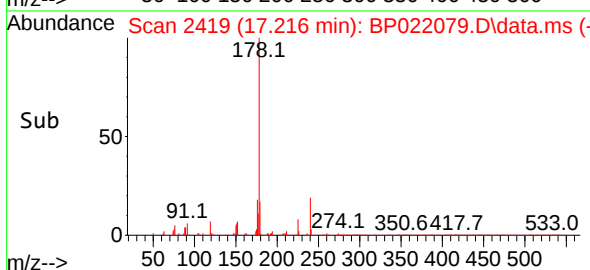
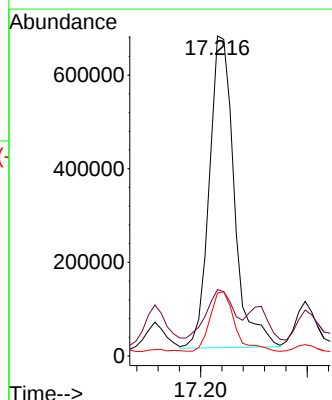
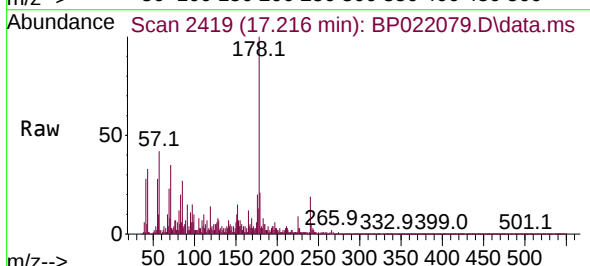
Manual Integrations
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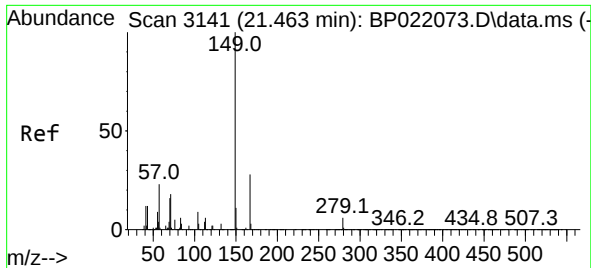
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#72
Phenanthrene
Concen: 24.705 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. 0.059 min
Lab File: BP022079.D
Acq: 27 Sep 2024 15:05

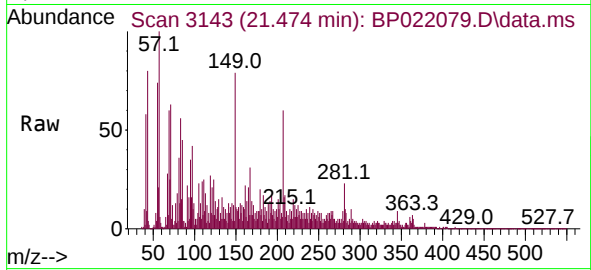
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Ion Ratio Lower Upper
178 100
179 20.8 12.4 18.6#
176 19.7 15.0 22.6





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.500 ng/ul
 RT: 21.474 min Scan# 3143
 Delta R.T. 0.012 min
 Lab File: BP022079.D
 Acq: 27 Sep 2024 15:05

Instrument :
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Tgt Ion:149 Resp: 126544
 Ion Ratio Lower Upper
 149 100
 167 39.7 23.0 34.4
 279 11.6 4.5 6.7

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 APPROVED

Reviewed By :Yogesh Patel 10/01/2024
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