

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022159.D
 Acq On : 02 Oct 2024 12:44
 Operator : RC/JU
 Sample : P4016-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCVW2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 02 14:01:17 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	7.716	152	137678	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	532002	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.334	164	428100	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.169	188	948437m	20.000	ng/ul	0.05
79) Chrysene-d12	21.563	240	942253	20.000	ng/ul	0.02
88) Perylene-d12	24.857	264	1158861	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	3737	1.063	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.946	99	141353	12.551	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.058	67	120003	17.304	ng/ul	0.01
11) 2-Chlorophenol-d4	7.275	132	70380	8.637	ng/ul	0.03
15) 4-Methylphenol-d8	8.393	113	386109	43.266	ng/ul	-0.01
21) Nitrobenzene-d5	8.858	128	42579	10.693	ng/ul	0.01
24) 2-Nitrophenol-d4	9.575	143	55433	12.278	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.146	165	83769	8.544	ng/ul	0.05
31) 4-Chloroaniline-d4	10.599	131	546417	46.708	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	426759	12.896	ng/ul	0.01
49) Acenaphthylene-d8	14.022	160	418699	11.950	ng/ul	0.02
54) 4-Nitrophenol-d4	14.569	143	147544	26.066	ng/ul	0.04
60) Fluorene-d10	15.345	176	393032	13.427	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.510	200	69096m	11.734	ng/ul	0.06
73) Anthracene-d10	17.269	188	591425m	13.357	ng/ul	0.05
81) Pyrene-d10	19.610	212	624107	12.785	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.616	264	391556	6.424	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.534	128	3264841	116.632	ng/ul#	94
36) 2-Methylnaphthalene	12.151	142	6045815	290.626	ng/ul	99
37) 1-Methylnaphthalene	12.369	142	3567291	170.031	ng/ul	99
41) 2,4,6-Trichlorophenol	12.787	196	67392m	7.103	ng/ul	
42) 2,4,5-Trichlorophenol	12.869	196	59410m	5.782	ng/ul	
43) 1,1'-Biphenyl	13.151	154	691827	22.599	ng/ul#	85
52) Acenaphthene	14.398	153	205165	7.728	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.010	232	9362449	946.609	ng/ul	93
61) Fluorene	15.404	166	480122	14.627	ng/ul#	86
71) Pentachlorophenol	16.834	266	41082825m	4452.424	ng/ul	
72) Phenanthrene	17.210	178	2477814	49.827	ng/ul	96
80) Fluoranthene	19.269	202	244857	4.388	ng/ul#	76
86) Bis(2-ethylhexyl)phtha...	21.475	149	188140	6.126	ng/ul#	80

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

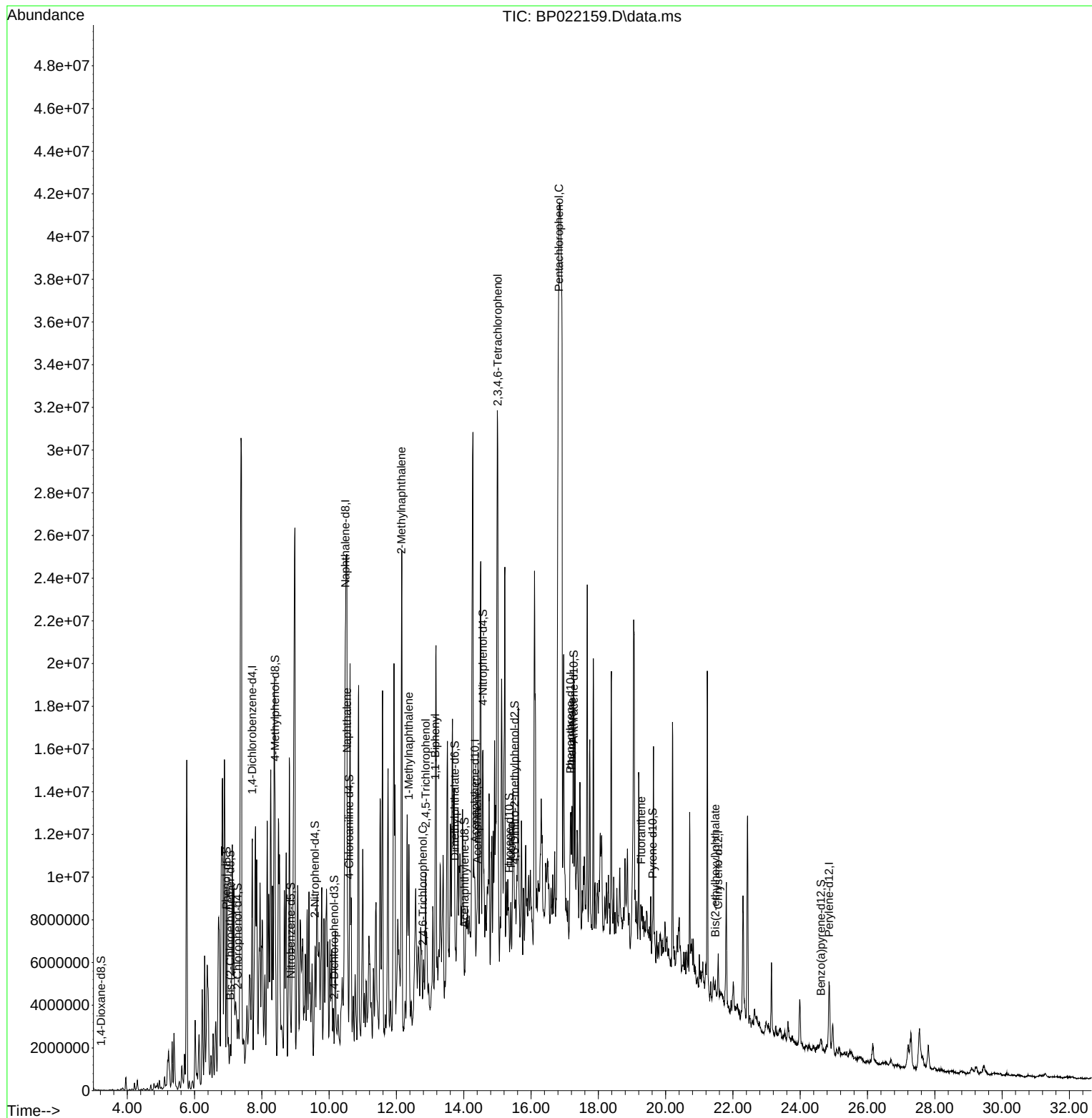
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022159.D
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ALS Vial : 4 Sample Multiplier: 1

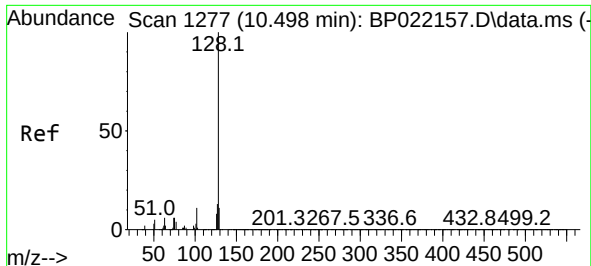
Instrument :
BNA_P
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DCVW2

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
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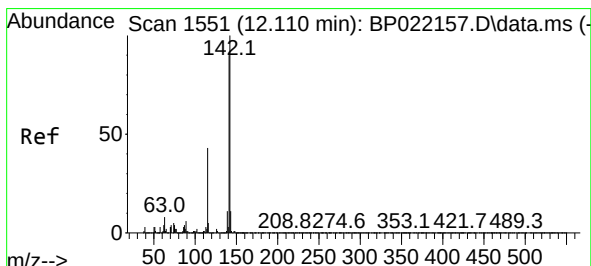
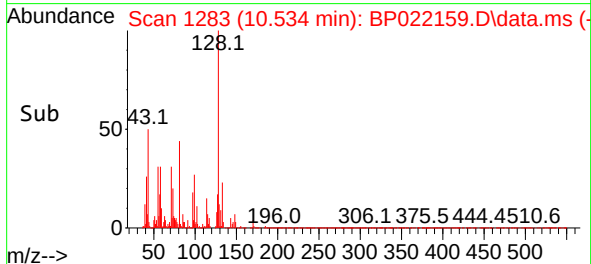
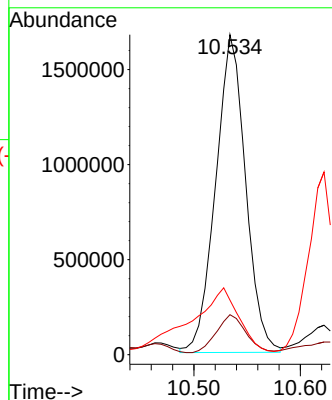
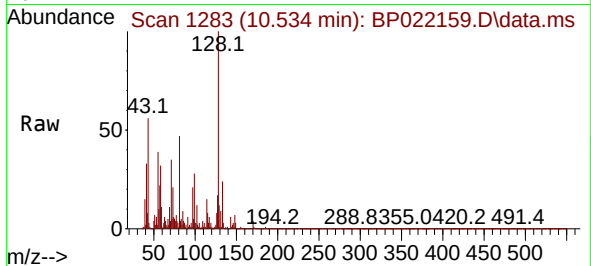
#30
Naphthalene
Concen: 116.632 ng/ul
RT: 10.534 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP022159.D
Acq: 02 Oct 2024 12:44

Instrument :
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ClientSampleId :
DCVW2

Tgt Ion:128 Resp: 326484
Ion Ratio Lower Upper
128 100
129 12.5 8.9 13.3
127 17.1 10.9 16.3

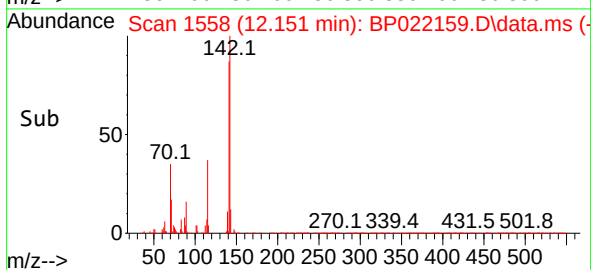
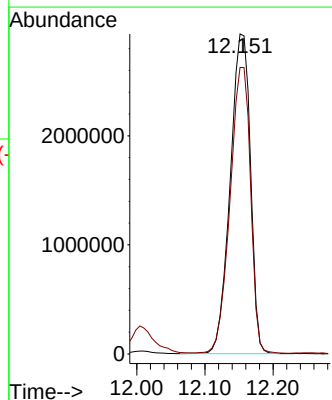
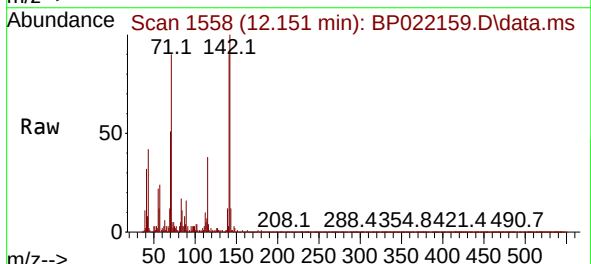
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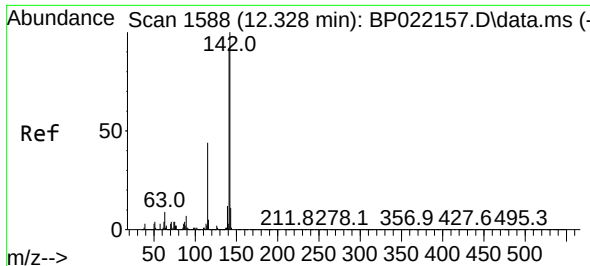
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
2-Methylnaphthalene
Concen: 290.626 ng/ul
RT: 12.151 min Scan# 1558
Delta R.T. 0.024 min
Lab File: BP022159.D
Acq: 02 Oct 2024 12:44

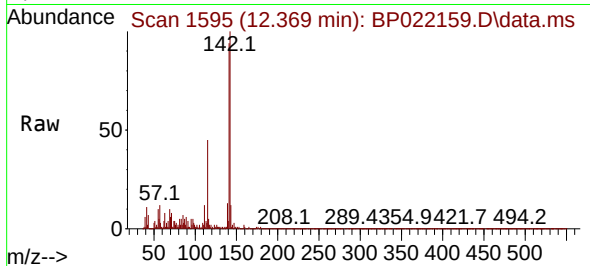
Tgt Ion:142 Resp: 6045815
Ion Ratio Lower Upper
142 100
141 89.6 72.6 109.0





#37
1-Methylnaphthalene
Concen: 170.031 ng/ul
RT: 12.369 min Scan# 1595
Delta R.T. 0.024 min
Lab File: BP022159.D
Acq: 02 Oct 2024 12:44

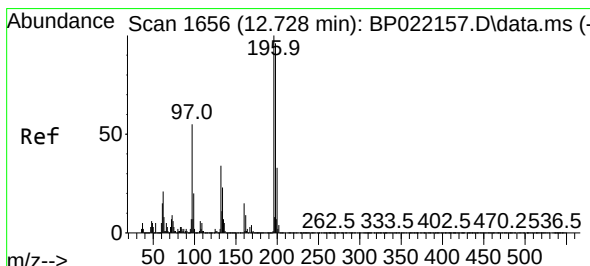
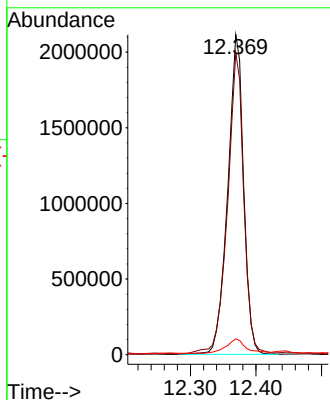
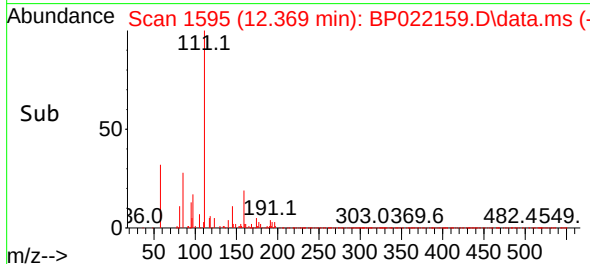
Instrument :
BNA_P
ClientSampleId :
DCVW2



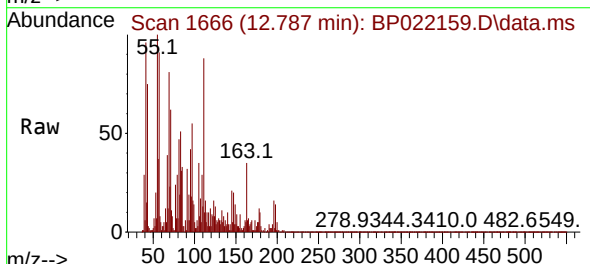
Tgt Ion:142 Resp: 356729
Ion Ratio Lower Upper
142 100
141 94.2 74.6 111.8
116 5.0 3.9 5.9

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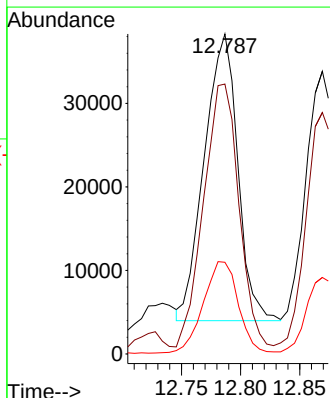
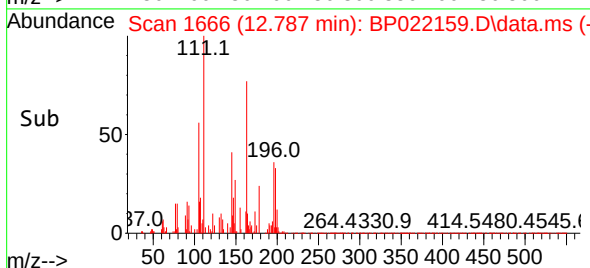
Reviewed By :Yogesh Patel 10/04/2024
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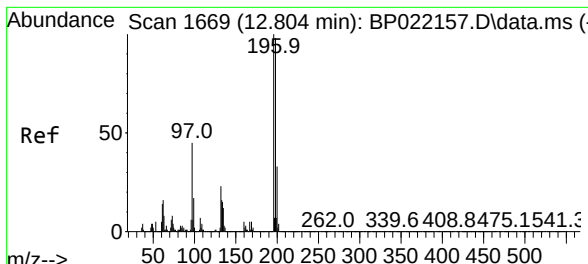


#41
2,4,6-Trichlorophenol
Concen: 7.103 ng/ul m
RT: 12.787 min Scan# 1666
Delta R.T. 0.041 min
Lab File: BP022159.D
Acq: 02 Oct 2024 12:44



Tgt Ion:196 Resp: 67392
Ion Ratio Lower Upper
196 100
198 84.4 77.6 116.4
200 28.6 24.2 36.4





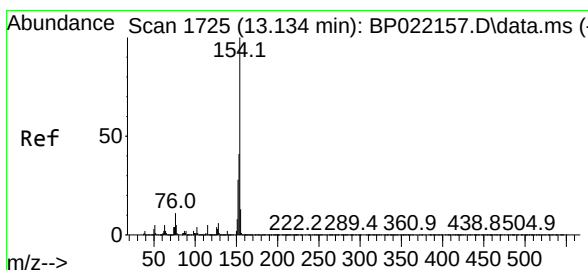
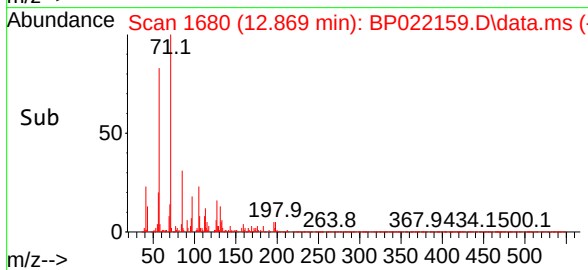
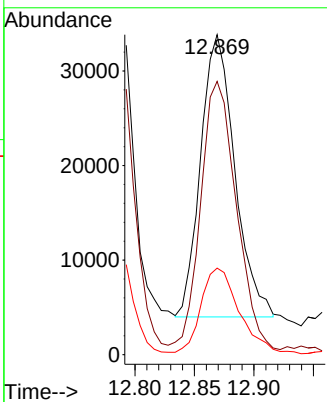
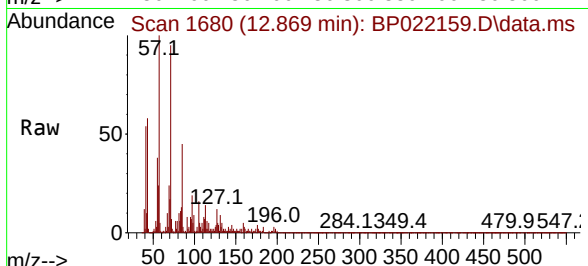
#42
 2,4,5-Trichlorophenol
 Concen: 5.782 ng/ul m
 RT: 12.869 min Scan# 1
 Delta R.T. 0.053 min
 Lab File: BP022159.D
 Acq: 02 Oct 2024 12:44

Instrument :
 BNA_P
 ClientSampleId :
 DCVW2

Tgt Ion:	196	Resp:	59410
Ion Ratio	Lower	Upper	
196	100		
198	85.4	78.2	117.2
200	27.1	26.1	39.1

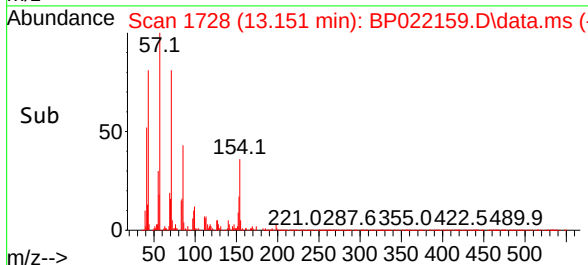
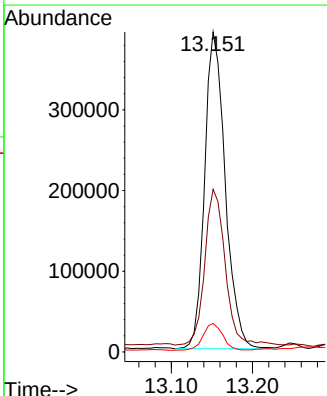
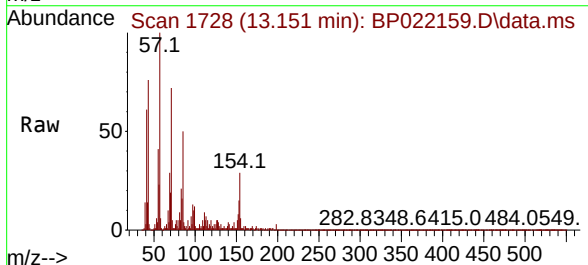
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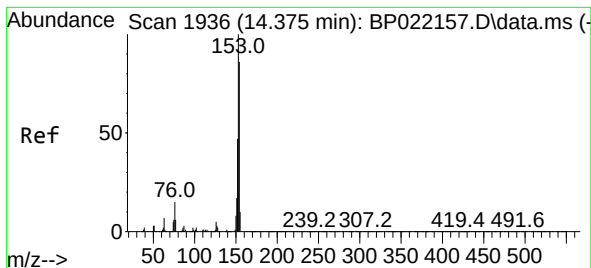
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024



#43
 1,1'-Biphenyl
 Concen: 22.599 ng/ul
 RT: 13.151 min Scan# 1728
 Delta R.T. 0.000 min
 Lab File: BP022159.D
 Acq: 02 Oct 2024 12:44

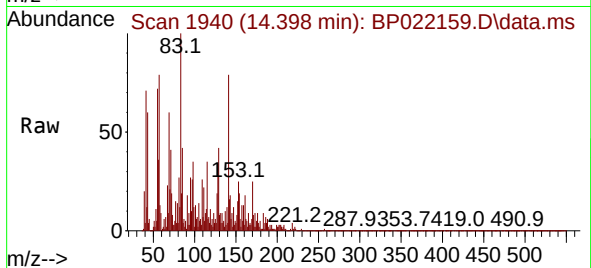
Tgt Ion:	154	Resp:	691827
Ion Ratio	Lower	Upper	
154	100		
153	50.8	32.6	49.0#
76	8.9	10.1	15.1#





#52
Acenaphthene
Concen: 7.728 ng/ul
RT: 14.398 min Scan# 1936
Delta R.T. 0.012 min
Lab File: BP022159.D
Acq: 02 Oct 2024 12:44

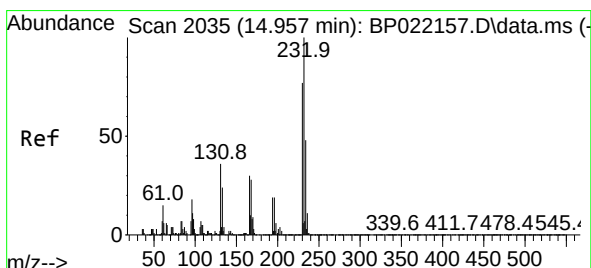
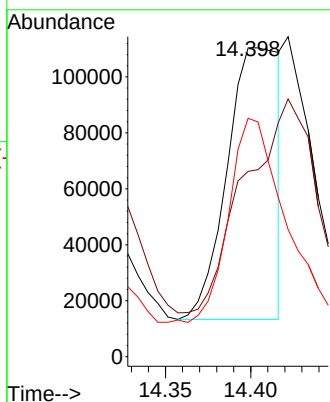
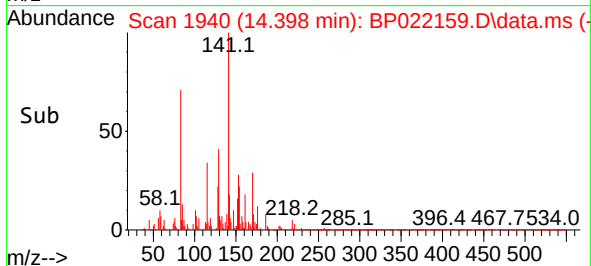
Instrument :
BNA_P
ClientSampleId :
DCVW2



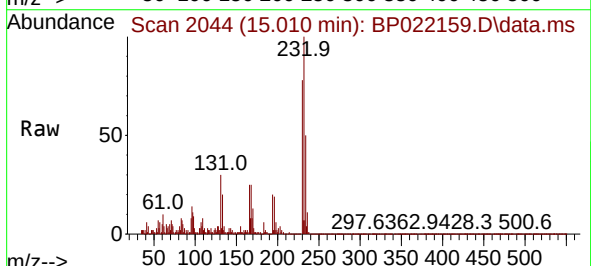
Tgt Ion:153 Resp: 20516
Ion Ratio Lower Upper
153 100
152 60.0 37.1 55.7
154 77.2 67.4 101.0

Manual Integrations
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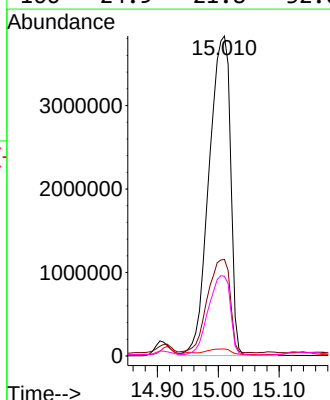
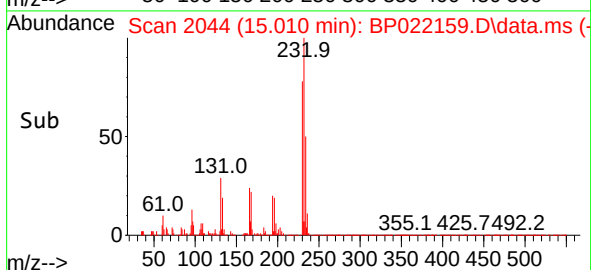
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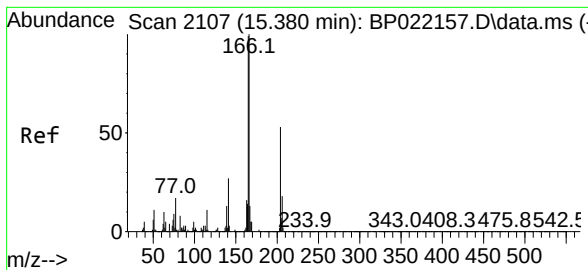


#58
2,3,4,6-Tetrachlorophenol
Concen: 946.609 ng/ul
RT: 15.010 min Scan# 2044
Delta R.T. 0.047 min
Lab File: BP022159.D
Acq: 02 Oct 2024 12:44



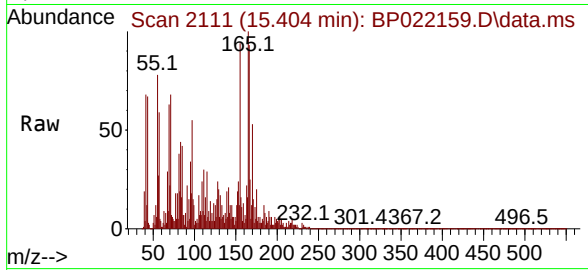
Tgt Ion:232 Resp: 9362449
Ion Ratio Lower Upper
232 100
131 30.2 28.2 42.2
130 2.2 1.8 2.6
166 24.9 21.8 32.6





#61
Fluorene
Concen: 14.627 ng/ul
RT: 15.404 min Scan# 2107
Delta R.T. 0.024 min
Lab File: BP022159.D
Acq: 02 Oct 2024 12:44

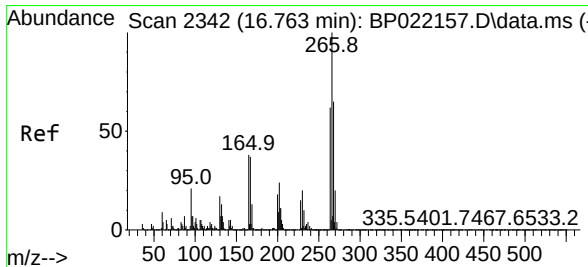
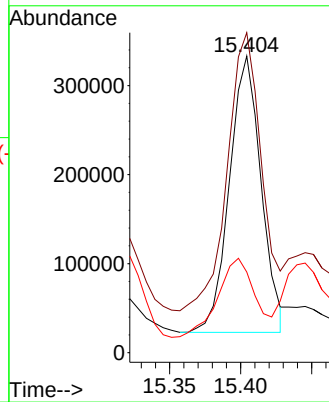
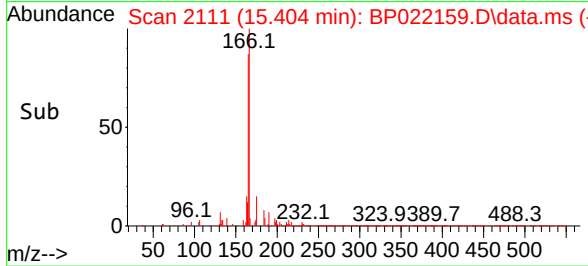
Instrument :
BNA_P
ClientSampleId :
DCVW2



Tgt Ion:166 Resp: 48012
Ion Ratio Lower Upper
166 100
165 107.9 77.9 116.9
167 27.2 10.5 15.7

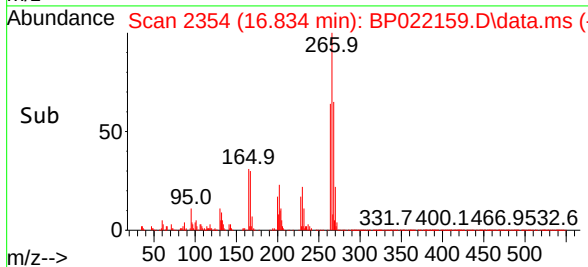
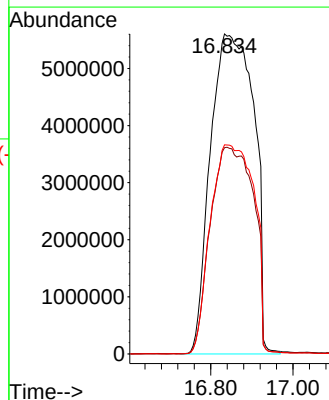
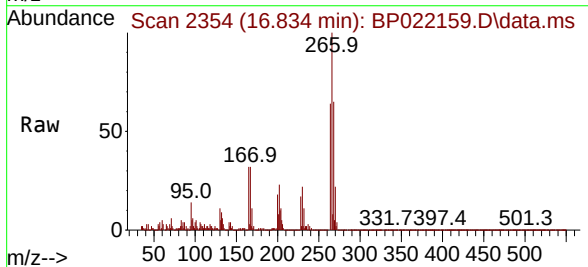
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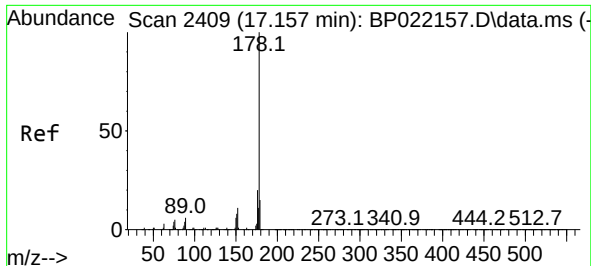
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#71
Pentachlorophenol
Concen: 4452.424 ng/ul m
RT: 16.834 min Scan# 2354
Delta R.T. 0.077 min
Lab File: BP022159.D
Acq: 02 Oct 2024 12:44

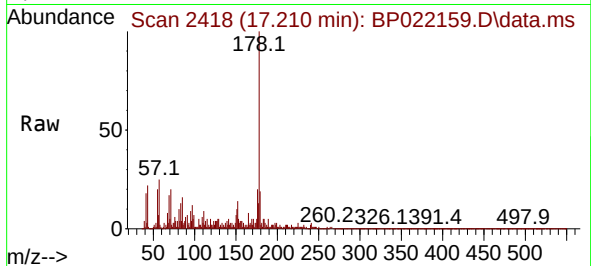
Tgt Ion:266 Resp:41082825
Ion Ratio Lower Upper
266 100
264 64.5 50.2 75.4
268 65.4 51.4 77.0





#72
Phenanthrene
Concen: 49.827 ng/ul
RT: 17.210 min Scan# 2409
Delta R.T. 0.053 min
Lab File: BP022159.D
Acq: 02 Oct 2024 12:44

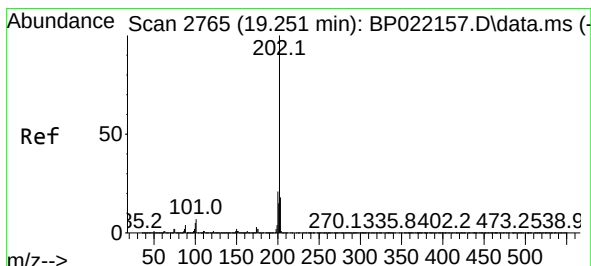
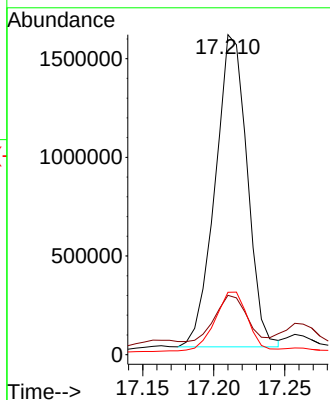
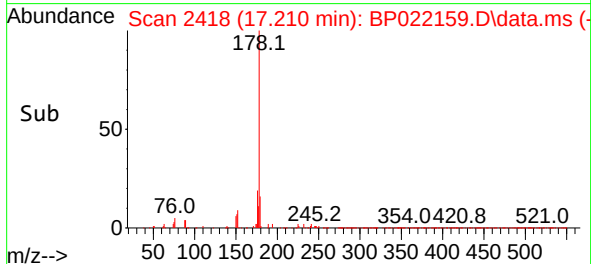
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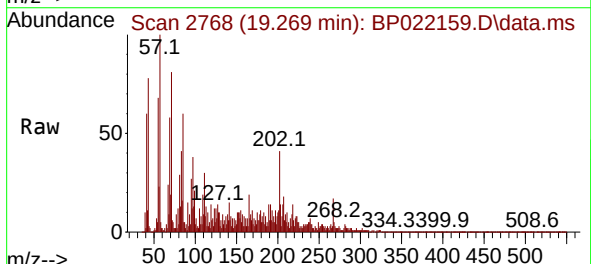
Tgt Ion:178 Resp: 2477814
Ion Ratio Lower Upper
178 100
179 18.5 12.4 18.6
176 19.5 15.0 22.6

Manual Integrations
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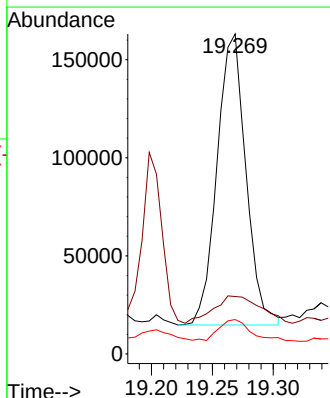
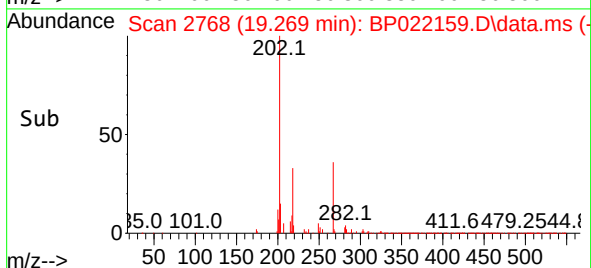
Reviewed By :Yogesh Patel 10/04/2024
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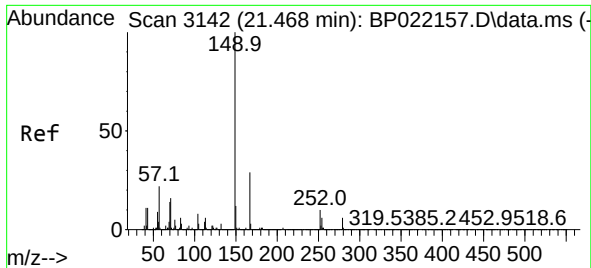


#80
Fluoranthene
Concen: 4.388 ng/ul
RT: 19.269 min Scan# 2768
Delta R.T. 0.030 min
Lab File: BP022159.D
Acq: 02 Oct 2024 12:44



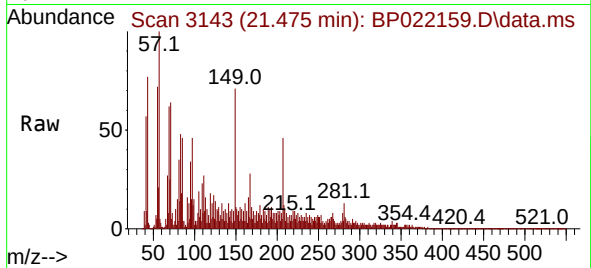
Tgt Ion:202 Resp: 244857
Ion Ratio Lower Upper
202 100
101 17.9 5.8 8.6#
100 10.7 4.6 7.0#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 6.126 ng/ul
 RT: 21.475 min Scan# 3143
 Delta R.T. 0.012 min
 Lab File: BP022159.D
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Tgt Ion:149 Resp: 188140
 Ion Ratio Lower Upper
 149 100
 167 39.5 23.0 34.4
 279 11.4 4.5 6.7

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