

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016802.D
 Acq On : 28 Aug 2023 20:59
 Operator : MA/JU
 Sample : 04134-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHL3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 01:46:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:12:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	407782	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	1812788	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.687	164	1145903	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	2485219	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	2036204	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	1817955	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	49455	5.012	ng/uL	0.00
4) Pyridine-d5	3.817	84	384046	12.737	ng/u1	0.00
7) Phenol-d5	7.169	99	258914	7.140	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	688927	29.810	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	669659	24.563	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	479430	16.197	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	440992	32.174	ng/u1	0.00
24) 2-Nitrophenol-d4	9.946	143	456986	31.631	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	797968	29.626	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	1127642	27.300	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	2882839	33.360	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	3213471	32.894	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	108236m	6.060	ng/u1	0.00
60) Fluorene-d10	15.681	176	2483302	34.124	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	463519	31.318	ng/u1	0.00
73) Anthracene-d10	17.551	188	3979554	36.126	ng/u1	0.00
81) Pyrene-d10	19.786	212	4497131	40.213	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	3262521	35.827	ng/u1	0.00
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	10.046	107	161957	5.044	ng/u1#	92
36) 2-Methylnaphthalene	12.510	142	401247	6.190	ng/u1	100
37) 1-Methylnaphthalene	12.728	142	791549	12.110	ng/u1	98
42) 2,4,5-Trichlorophenol	13.175	196	82925	3.514	ng/u1	97
43) 1,1'-Biphenyl	13.516	154	1156898	13.579	ng/u1	98
52) Acenaphthene	14.751	153	2826211	38.206	ng/u1	99
56) Dibenzofuran	15.087	168	3318107	32.691	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.298	232	103132	5.133	ng/u1#	98
61) Fluorene	15.734	166	1232462	14.517	ng/u1	98
71) Pentachlorophenol	17.075	266	407907	20.597	ng/u1	100
72) Phenanthrene	17.492	178	2101362	16.061	ng/u1	99
74) Anthracene	17.587	178	183810	1.389	ng/u1	98
77) Carbazole	17.875	167	10854555	91.103	ng/u1	98

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

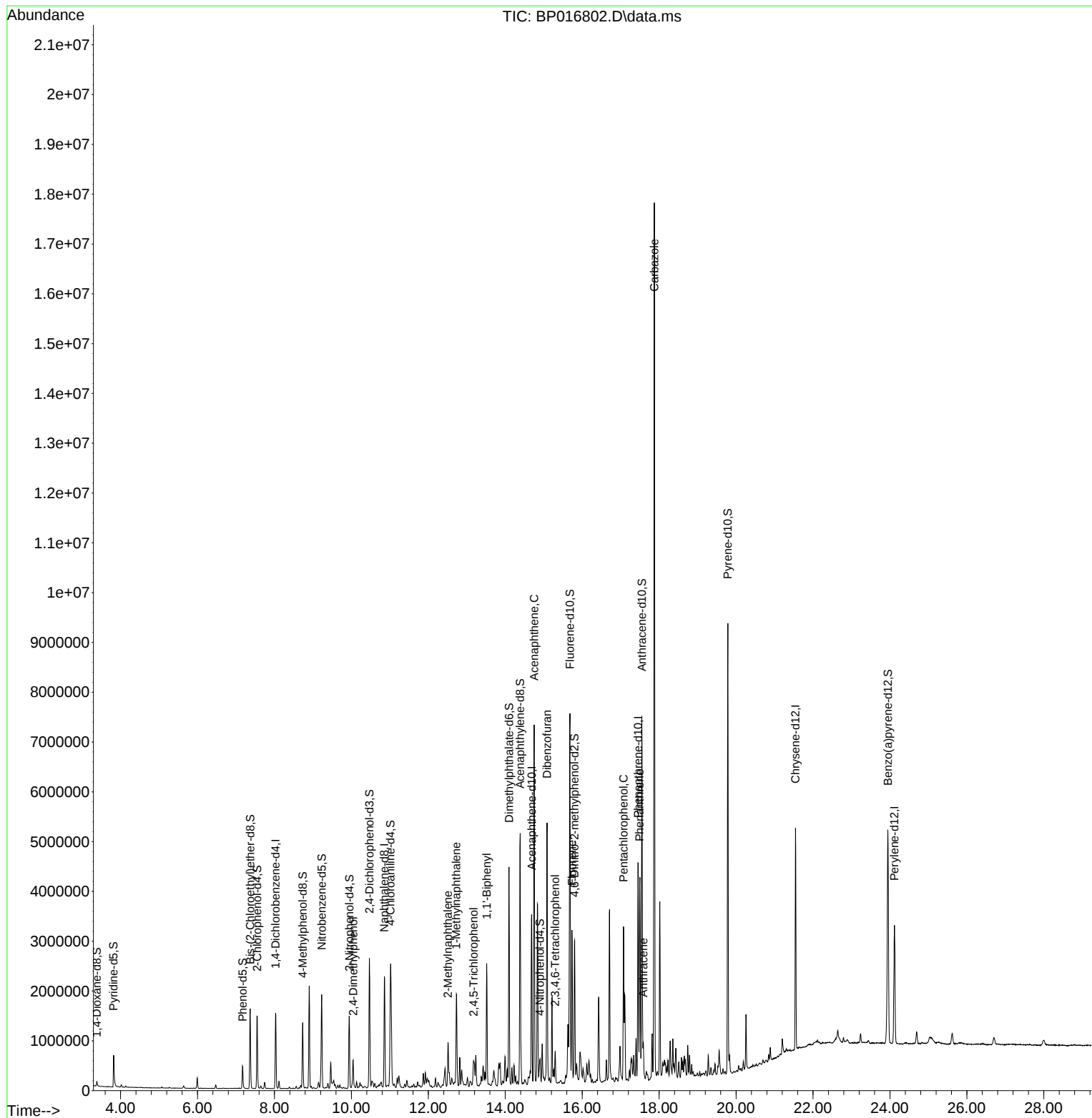
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016802.D
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Operator : MA/JU
Sample : 04134-15
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ALS Vial : 18 Sample Multiplier: 1

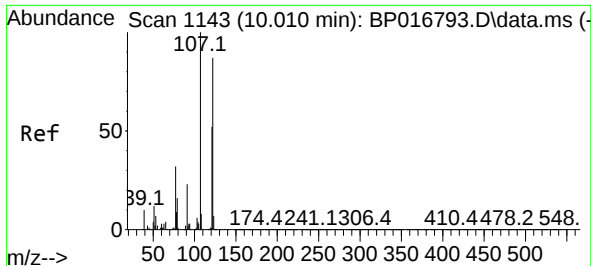
Instrument :
BNA_P
ClientSampleId :
DCHL3

Quant Time: Aug 29 01:46:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 01:12:28 2023
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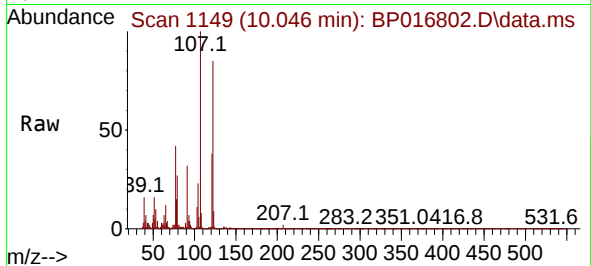
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023





#26
2,4-Dimethylphenol
Concen: 5.044 ng/ul
RT: 10.046 min Scan# 1149
Delta R.T. 0.035 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59

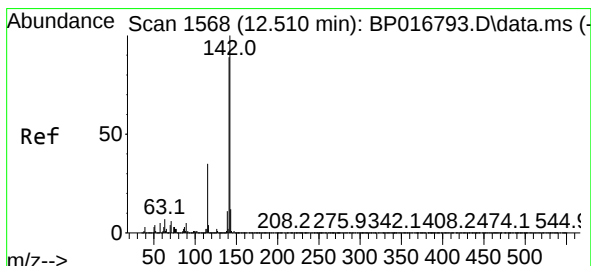
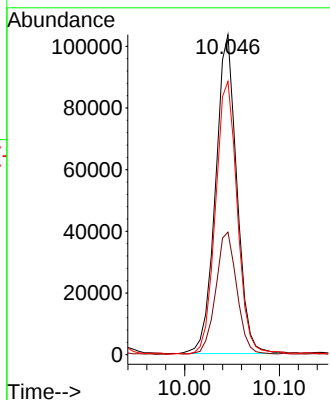
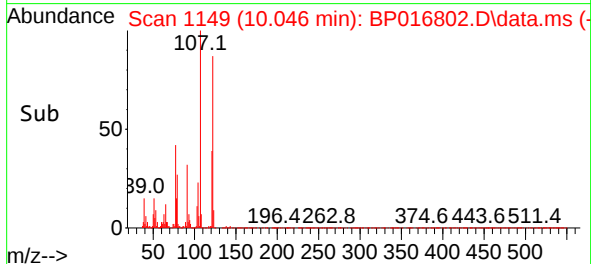
Instrument :
BNA_P
ClientSampleId :
DCHL3



Tgt Ion:107 Resp: 16195
Ion Ratio Lower Upper
107 100
121 38.3 40.7 61.1
122 85.4 69.7 104.5

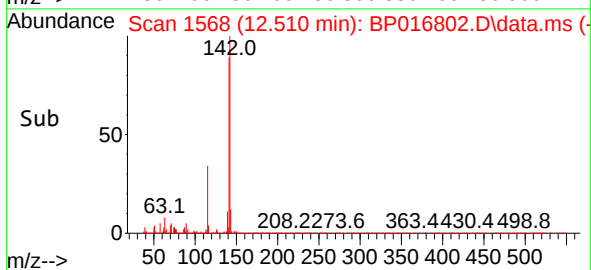
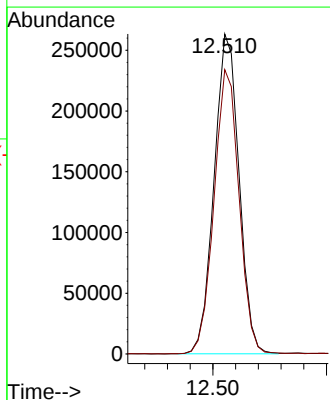
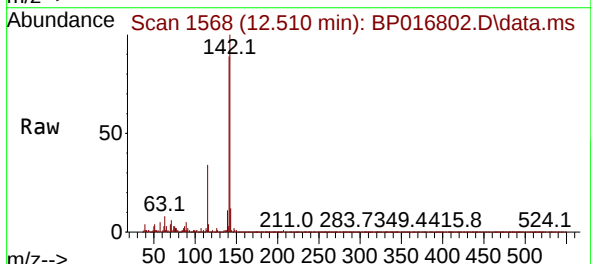
Manual Integrations
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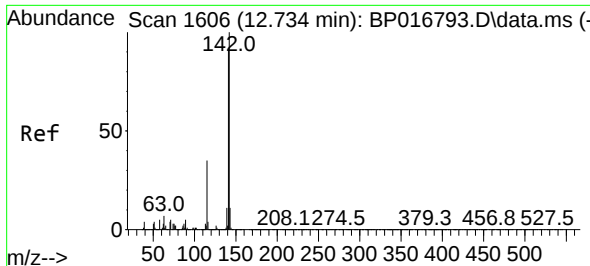
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#36
2-Methylnaphthalene
Concen: 6.190 ng/ul
RT: 12.510 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59

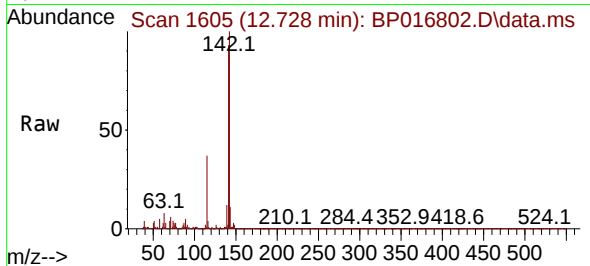
Tgt Ion:142 Resp: 401247
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





#37
1-Methylnaphthalene
Concen: 12.110 ng/ul
RT: 12.728 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59

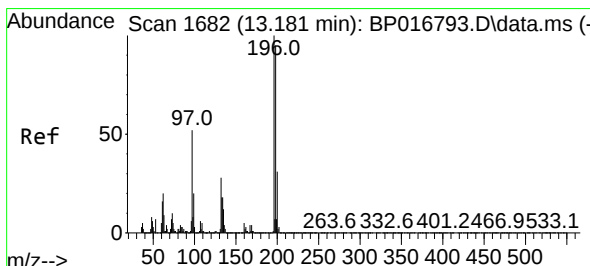
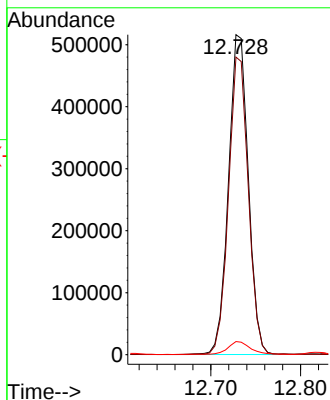
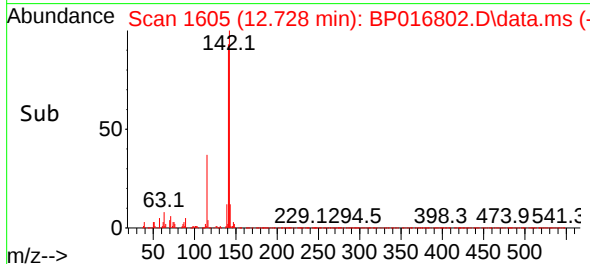
Instrument :
BNA_P
ClientSampleId :
DCHL3



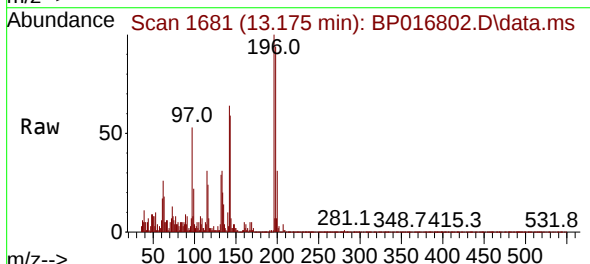
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Ion Ratio Lower Upper
142 100
141 93.0 73.0 109.4
116 4.1 3.1 4.7

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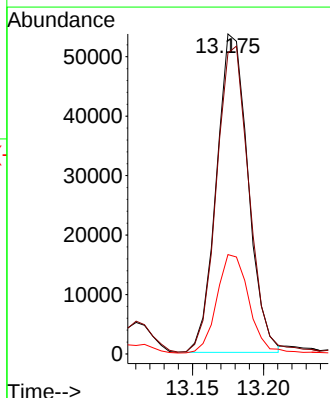
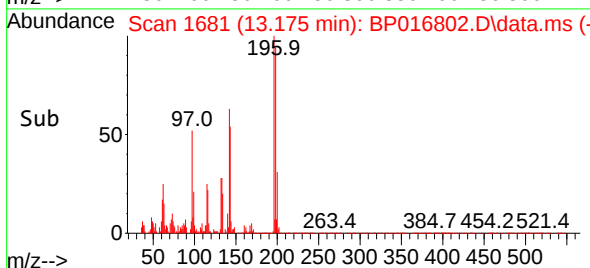
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

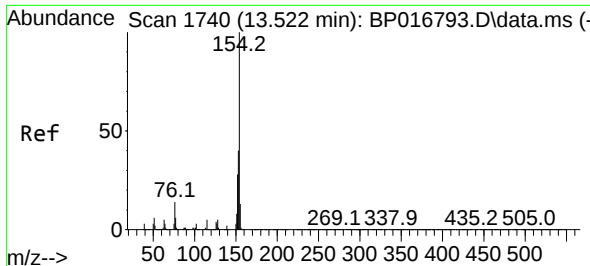


#42
2,4,5-Trichlorophenol
Concen: 3.514 ng/ul
RT: 13.175 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59



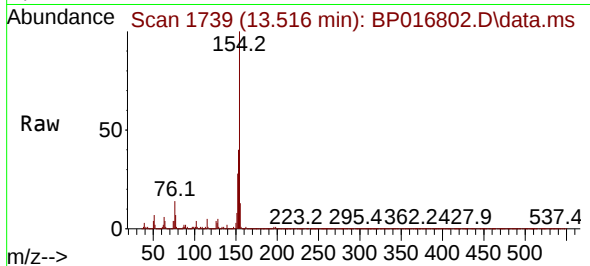
Tgt Ion:196 Resp: 82925
Ion Ratio Lower Upper
196 100
198 94.1 77.8 116.8
200 31.0 24.8 37.2





#43
1,1'-Biphenyl
Concen: 13.579 ng/ul
RT: 13.516 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59

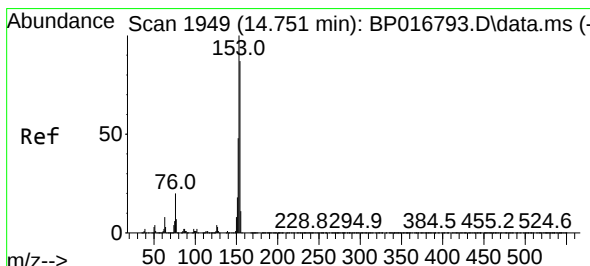
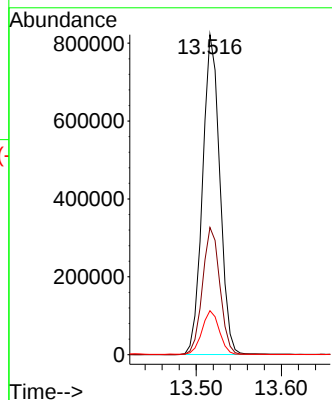
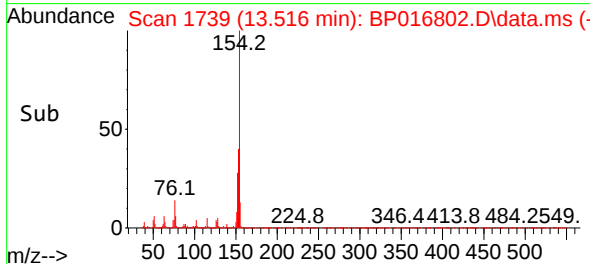
Instrument :
BNA_P
ClientSampleId :
DCHL3



Tgt Ion:154 Resp: 1156898
Ion Ratio Lower Upper
154 100
153 39.8 32.7 49.1
76 13.8 11.3 16.9

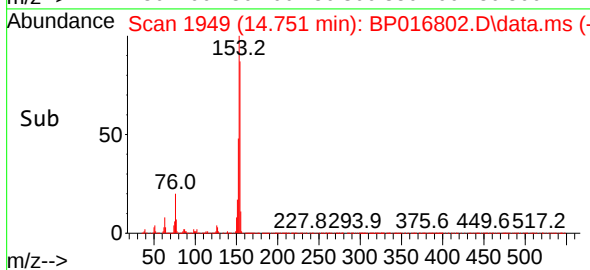
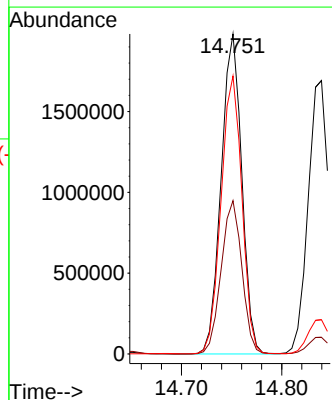
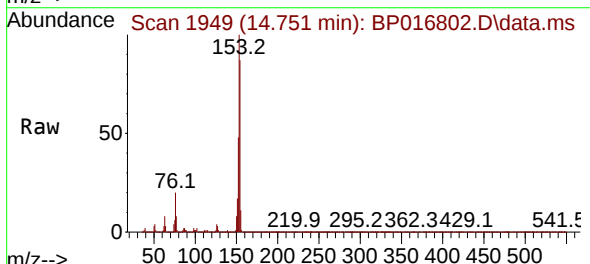
Manual Integrations
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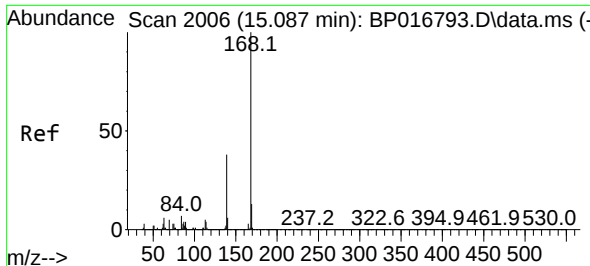
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#52
Acenaphthene
Concen: 38.206 ng/ul
RT: 14.751 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59

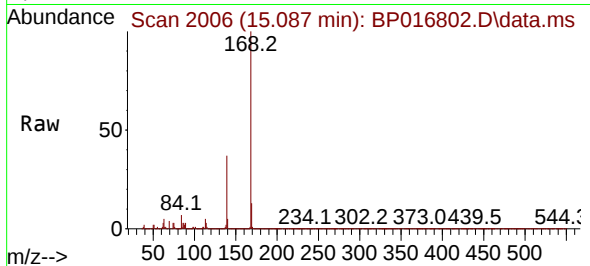
Tgt Ion:153 Resp: 2826211
Ion Ratio Lower Upper
153 100
152 47.9 38.5 57.7
154 86.8 70.6 105.8





#56
Dibenzenofuran
Concen: 32.691 ng/ul
RT: 15.087 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59

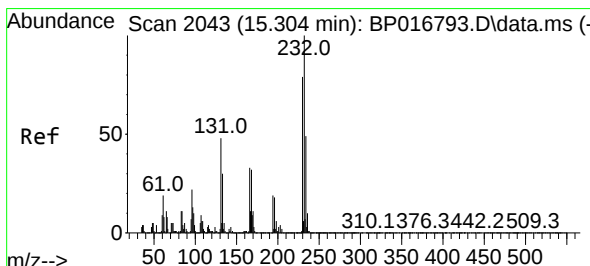
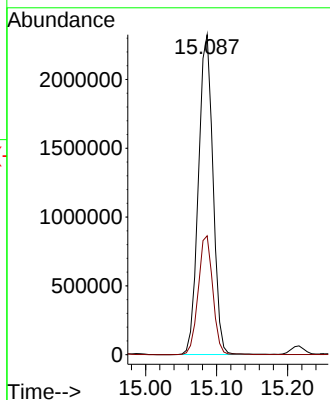
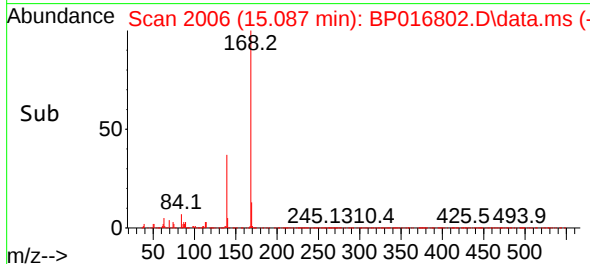
Instrument :
BNA_P
ClientSampleId :
DCHL3



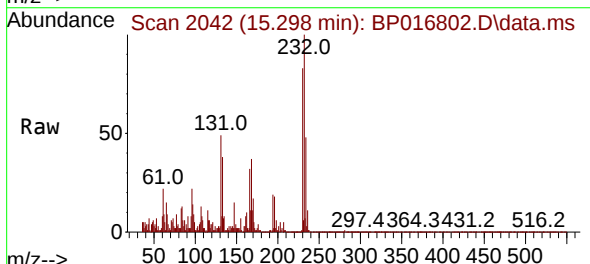
Tgt Ion:168 Resp: 331810
Ion Ratio Lower Upper
168 100
139 37.2 29.2 43.8

Manual Integrations
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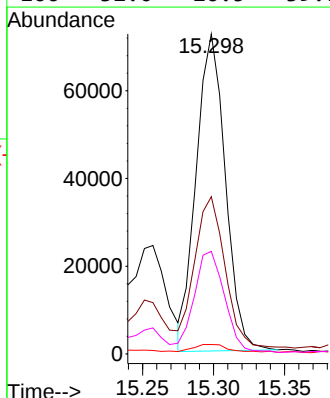
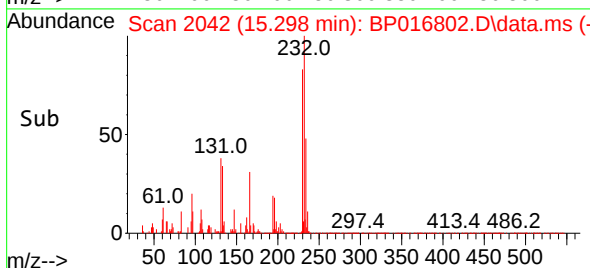
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

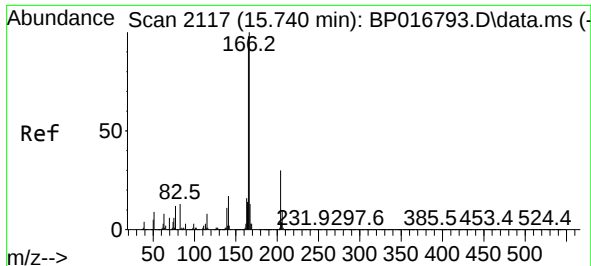


#58
2,3,4,6-Tetrachlorophenol
Concen: 5.133 ng/ul
RT: 15.298 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59



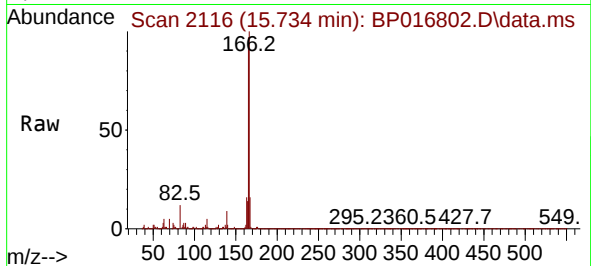
Tgt Ion:232 Resp: 103132
Ion Ratio Lower Upper
232 100
131 49.2 38.1 57.1
130 2.9 1.9 2.9#
166 32.0 26.5 39.7





#61
Fluorene
Concen: 14.517 ng/ul
RT: 15.734 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59

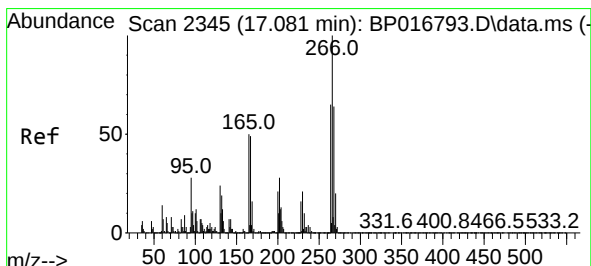
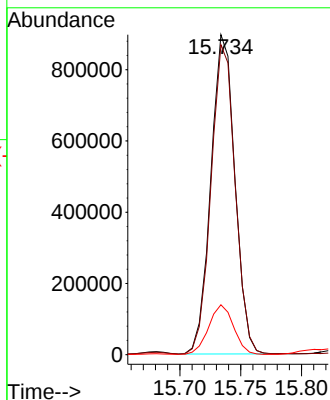
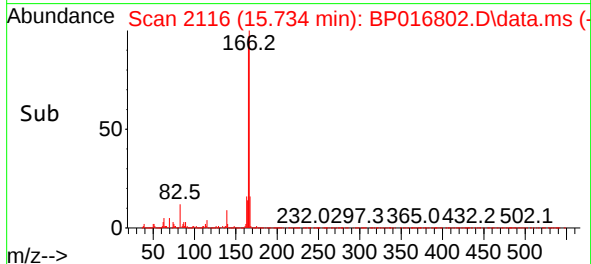
Instrument :
BNA_P
ClientSampleId :
DCHL3



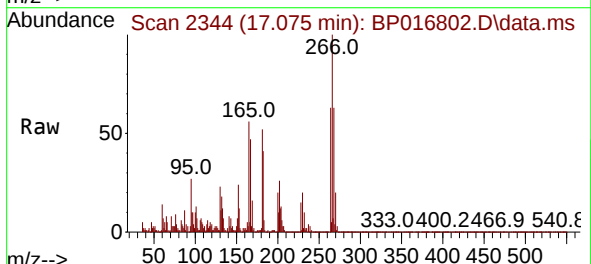
Tgt Ion:166 Resp: 123246
Ion Ratio Lower Upper
166 100
165 96.9 78.8 118.2
167 15.6 10.9 16.3

Manual Integrations
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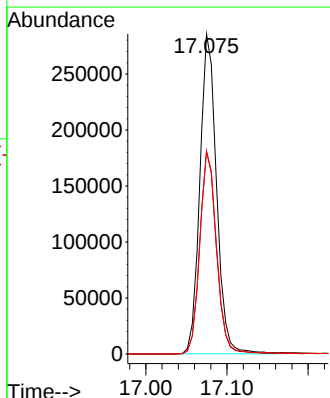
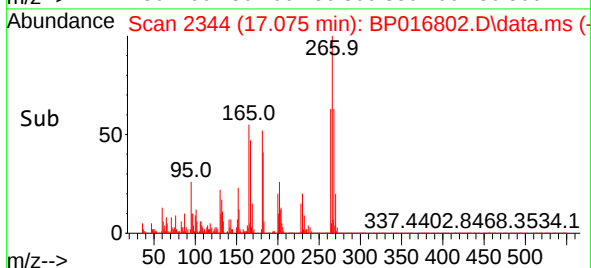
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

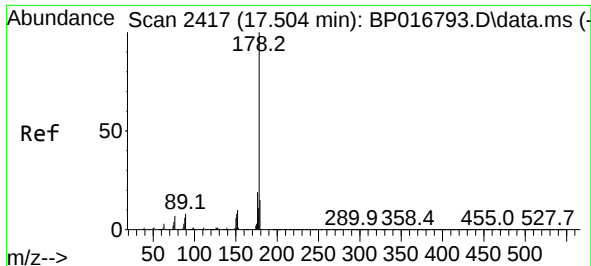


#71
Pentachlorophenol
Concen: 20.597 ng/ul
RT: 17.075 min Scan# 2344
Delta R.T. 0.000 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59



Tgt Ion:266 Resp: 407907
Ion Ratio Lower Upper
266 100
264 63.4 50.7 76.1
268 63.4 50.8 76.2





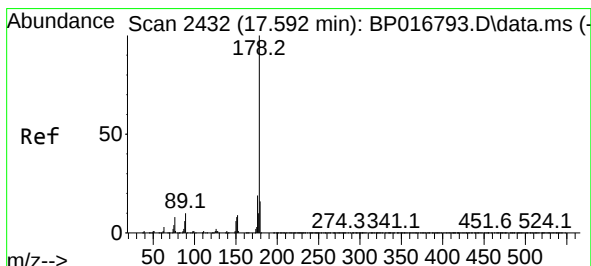
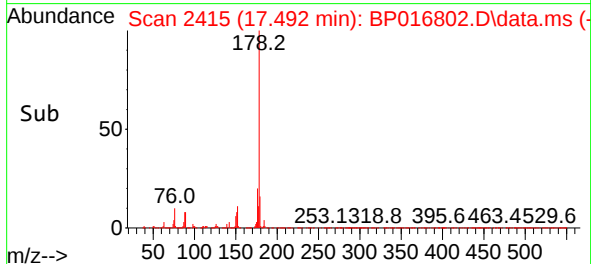
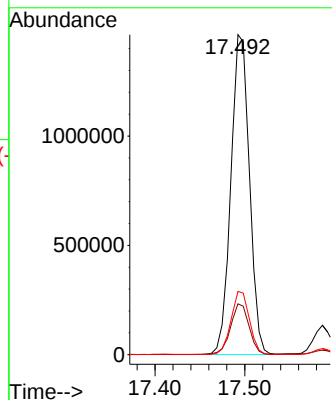
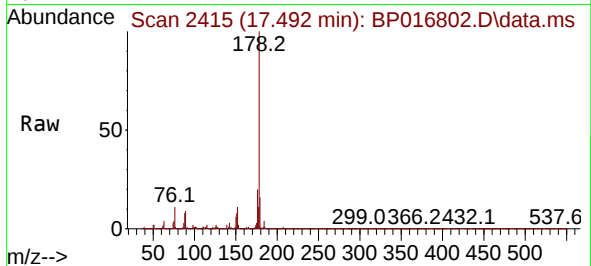
#72
Phenanthrene
Concen: 16.061 ng/ul
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59

Instrument :
BNA_P
ClientSampleId :
DCHL3

Tgt Ion:178 Resp: 210136
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.7 15.6 23.4

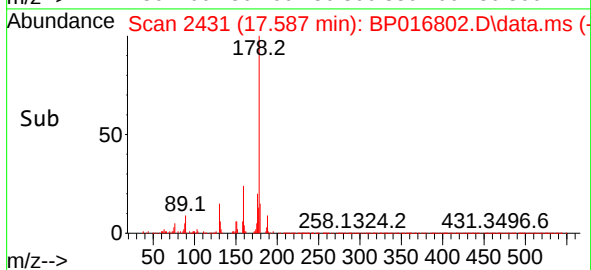
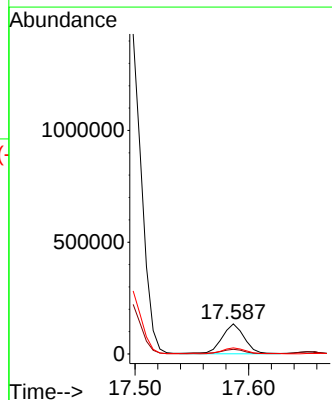
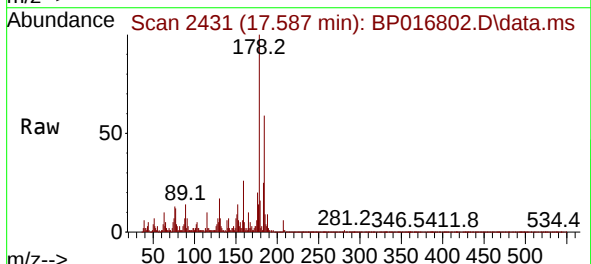
Manual Integrations
APPROVED

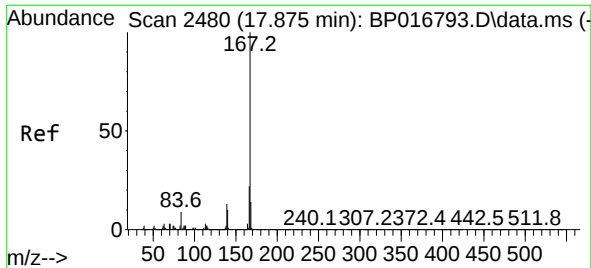
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#74
Anthracene
Concen: 1.389 ng/ul
RT: 17.587 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP016802.D
Acq: 28 Aug 2023 20:59

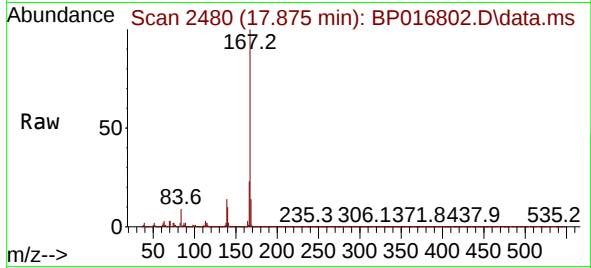
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Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 20.4 15.3 22.9





#77
 Carbazole
 Concen: 91.103 ng/ul
 RT: 17.875 min Scan# 2480
 Delta R.T. 0.006 min
 Lab File: BP016802.D
 Acq: 28 Aug 2023 20:59

Instrument :
 BNA_P
 ClientSampleId :
 DCHL3



Tgt Ion:167 Resp:1085455
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.2
 139 13.6 10.4 15.6

Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 08/29/2023

