

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017559.D
 Acq On : 05 Oct 2023 11:24
 Operator : MA/JU
 Sample : 04497-08DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 01:58:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 16:33:47 2023
 Response via : Initial Calibration

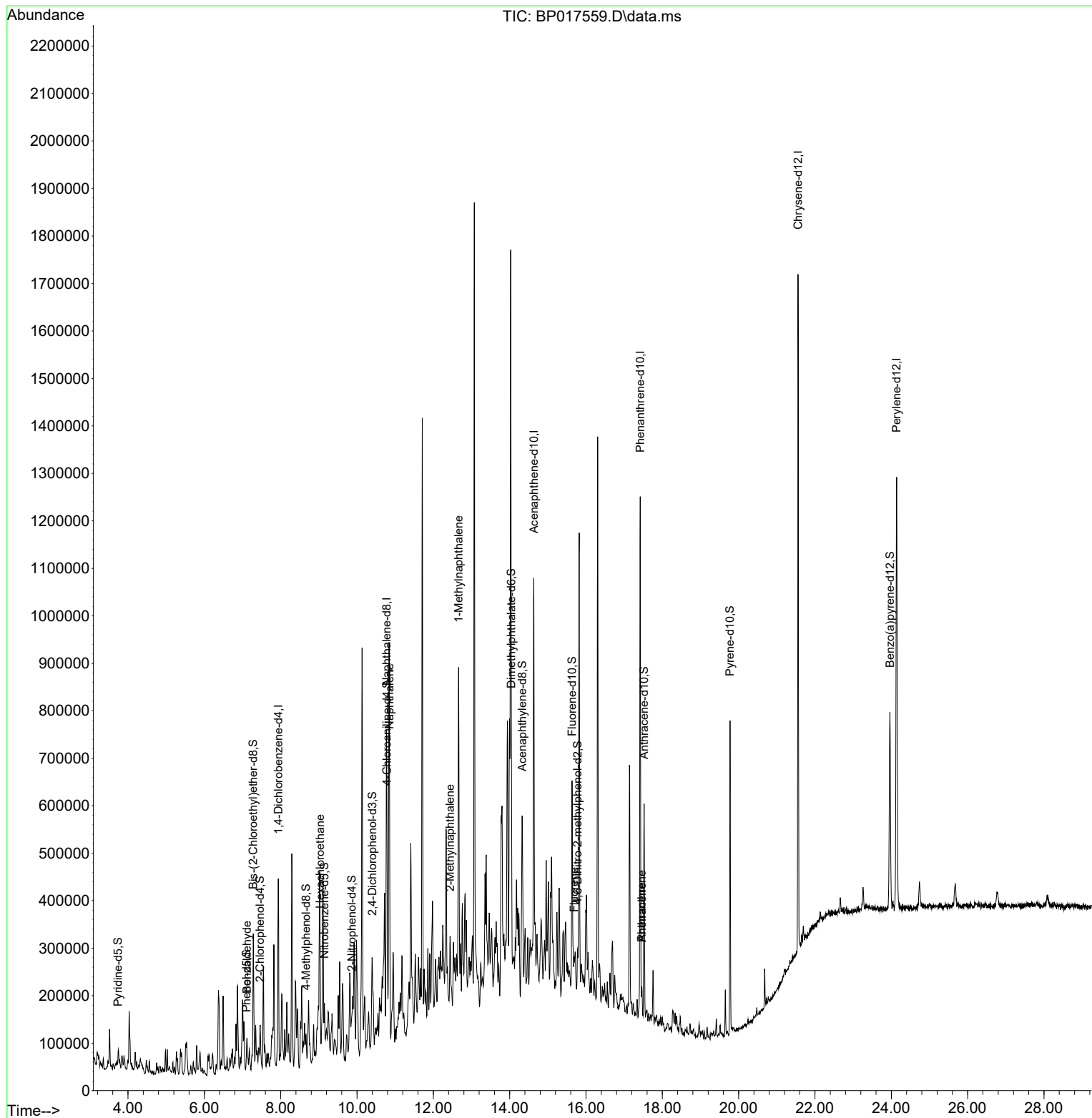
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	93996	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	393342	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	268168	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	632298	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	643422	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	696729	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	1982	0.843	ng/uL	0.00
4) Pyridine-d5	3.740	84	12579	2.044	ng/ul	0.01
7) Phenol-d5	7.099	99	10805	1.366	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	41831	8.668	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	35921	5.768	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	18292	2.889	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	21425	7.080	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	22339	6.545	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	42742	6.755	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	47841	5.308	ng/ul	-0.16
46) Dimethylphthalate-d6	14.045	166	173811	8.309	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	174795	7.578	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	2659	0.726	ng/ul	0.02
60) Fluorene-d10	15.634	176	159455	8.987	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	18377	4.662	ng/ul	0.00
73) Anthracene-d10	17.522	188	246161	8.410	ng/ul	0.00
81) Pyrene-d10	19.775	212	319072	8.924	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	290224	8.254	ng/ul	-0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.116	77	4943	1.240	ng/ul#	1
19) Hexachloroethane	9.034	117	65727	23.494	ng/ul#	6
30) Naphthalene	10.851	128	29520	1.407	ng/ul#	1
36) 2-Methylnaphthalene	12.440	142	56539	3.943	ng/ul	97
37) 1-Methylnaphthalene	12.663	142	291254	19.796	ng/ul	100
61) Fluorene	15.692	166	28616	1.398	ng/ul#	99
72) Phenanthrene	17.463	178	36863	1.083	ng/ul	95
74) Anthracene	17.463	178	37514	1.082	ng/ul	95

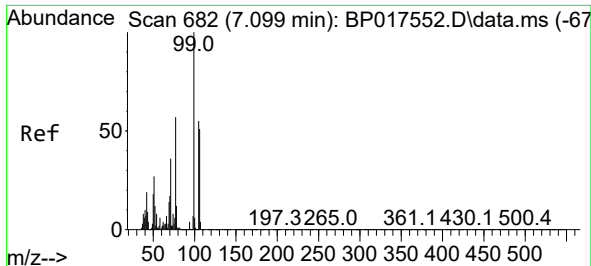
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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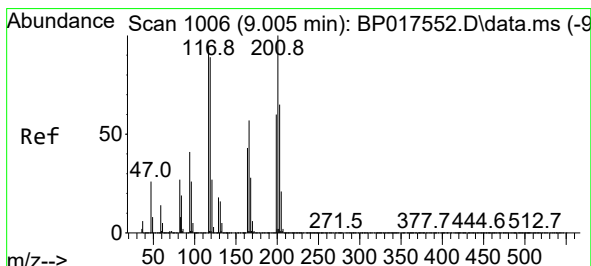
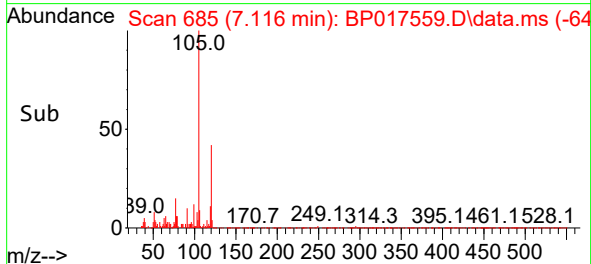
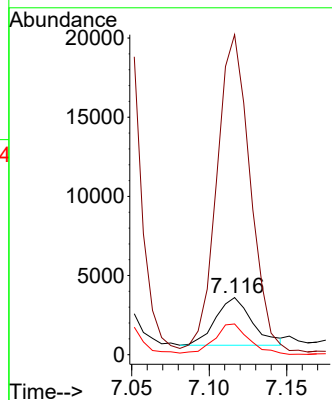
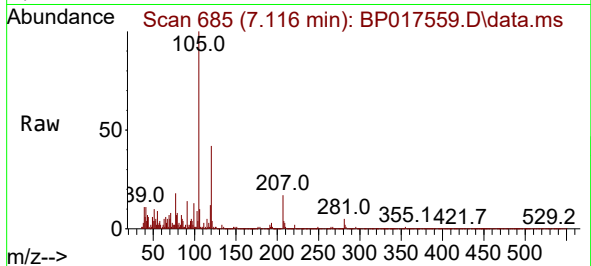




#6
Benzaldehyde
Concen: 1.240 ng/ul
RT: 7.116 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP017559.D
Acq: 05 Oct 2023 11:24

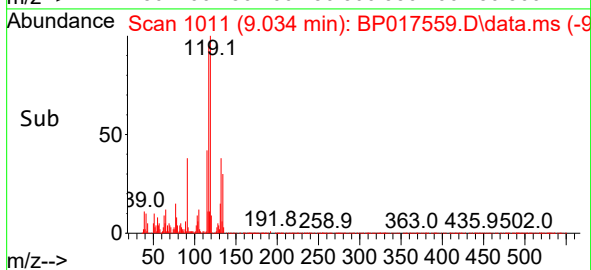
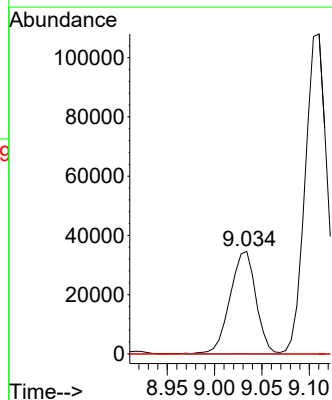
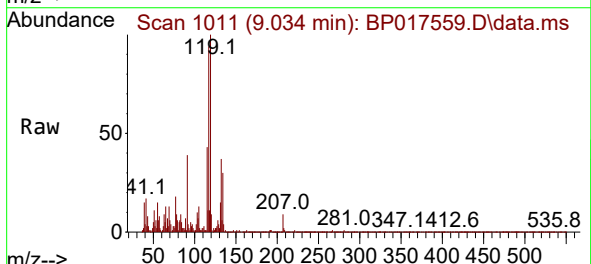
Instrument :
BNA_G
ClientSampleId :

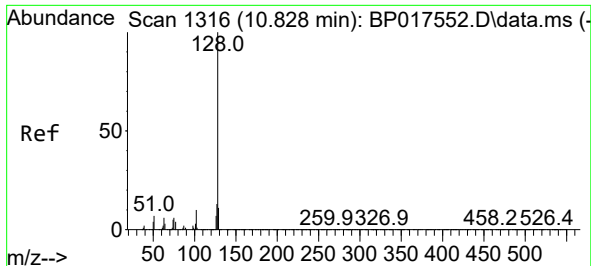
Tgt Ion: 77 Resp: 4943
Ion Ratio Lower Upper
77 100
105 559.4 74.6 112.0#
106 53.7 72.8 109.2#



#19
Hexachloroethane
Concen: 23.494 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. 0.024 min
Lab File: BP017559.D
Acq: 05 Oct 2023 11:24

Tgt Ion: 117 Resp: 65727
Ion Ratio Lower Upper
117 100
201 0.0 83.2 124.8#
199 0.0 52.8 79.2#

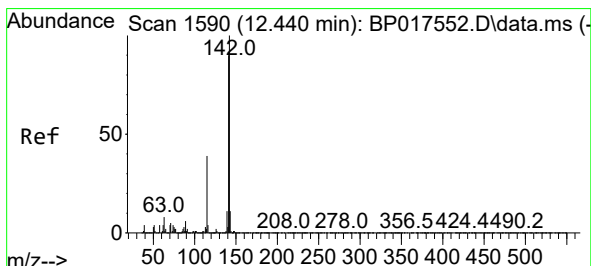
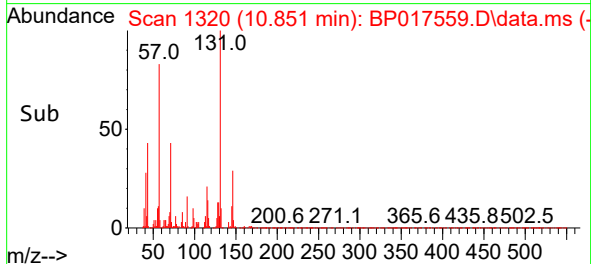
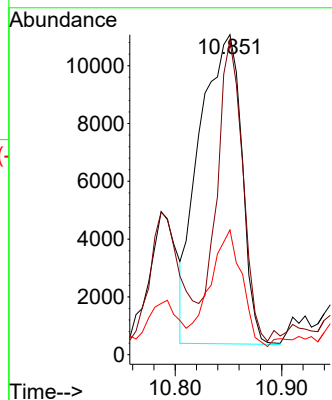
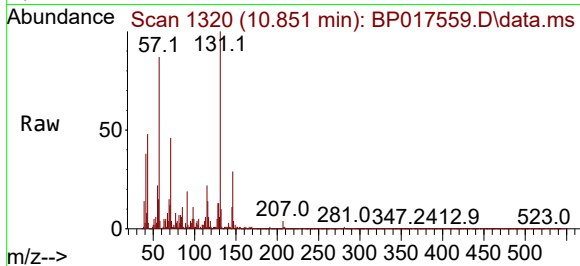




#30
Naphthalene
Concen: 1.407 ng/ul
RT: 10.851 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP017559.D
Acq: 05 Oct 2023 11:24

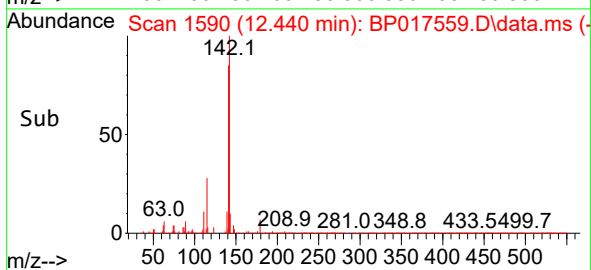
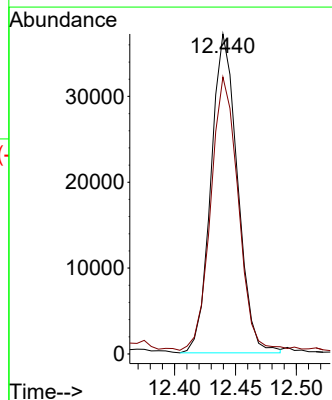
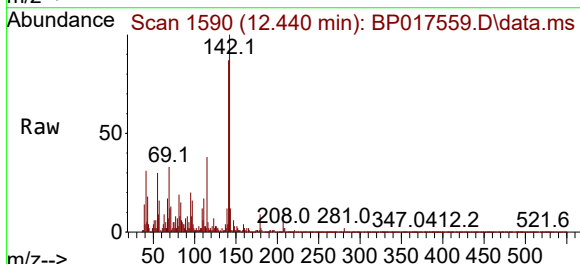
Instrument :
BNA_G
ClientSampleId :

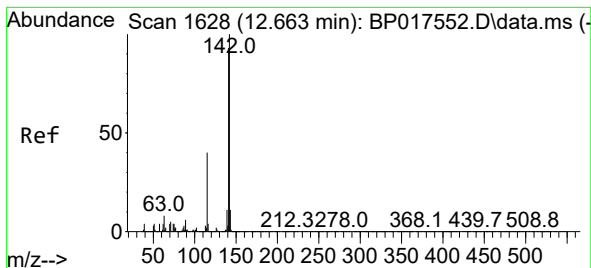
Tgt Ion:128 Resp: 29520
Ion Ratio Lower Upper
128 100
129 98.3 8.6 13.0#
127 39.0 10.2 15.4#



#36
2-Methylnaphthalene
Concen: 3.943 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP017559.D
Acq: 05 Oct 2023 11:24

Tgt Ion:142 Resp: 56539
Ion Ratio Lower Upper
142 100
141 86.6 71.4 107.2





#37

1-Methylnaphthalene

Concen: 19.796 ng/ul

RT: 12.663 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017559.D

Acq: 05 Oct 2023 11:24

Instrument :

BNA_G

ClientSampleId :

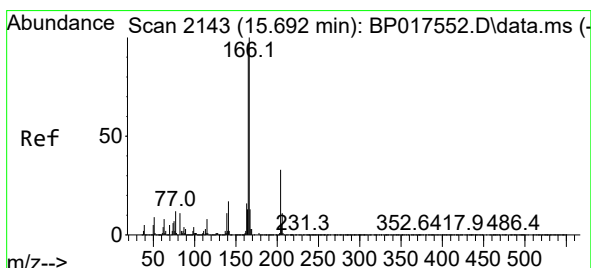
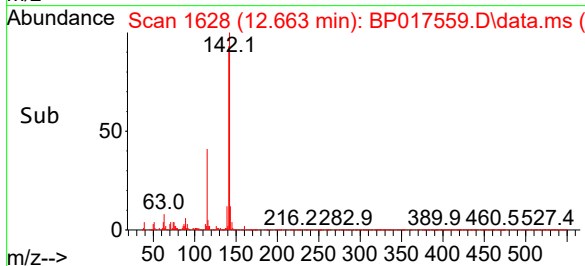
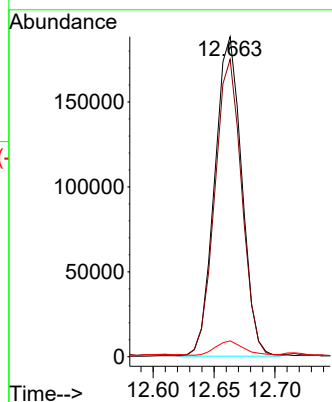
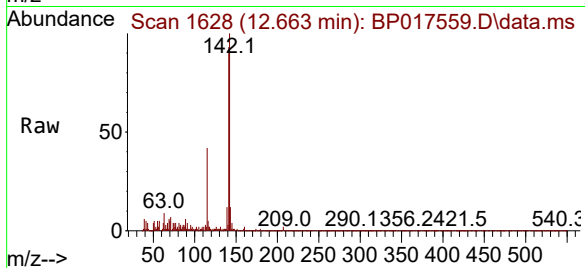
Tgt Ion:142 Resp: 291254

Ion Ratio Lower Upper

142 100

141 92.9 74.1 111.1

116 5.0 3.4 5.0



#61

Fluorene

Concen: 1.398 ng/ul

RT: 15.692 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BP017559.D

Acq: 05 Oct 2023 11:24

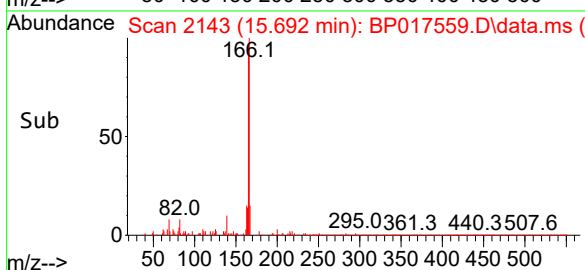
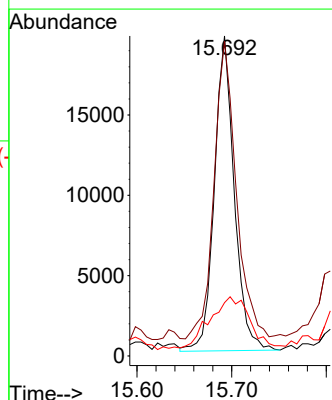
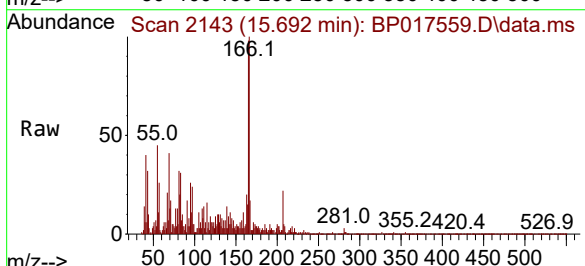
Tgt Ion:166 Resp: 28616

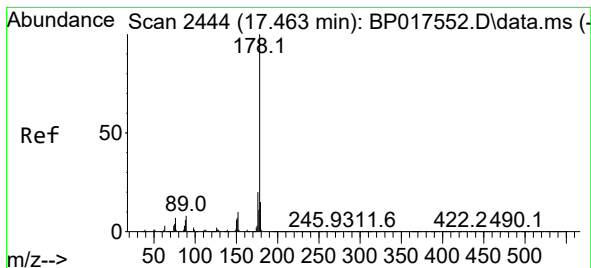
Ion Ratio Lower Upper

166 100

165 98.4 78.9 118.3

167 16.6 11.0 16.4#





#72

Phenanthrene

Concen: 1.083 ng/ul

RT: 17.463 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP017559.D

Acq: 05 Oct 2023 11:24

Instrument :

BNA_G

ClientSampleId :

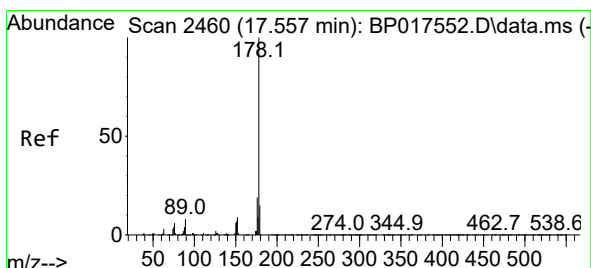
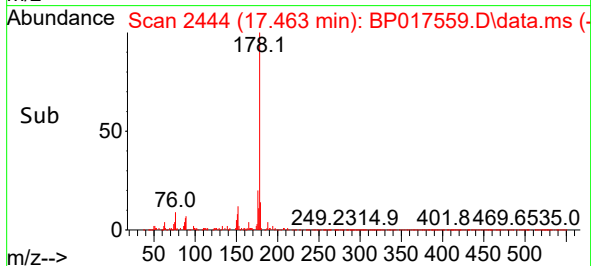
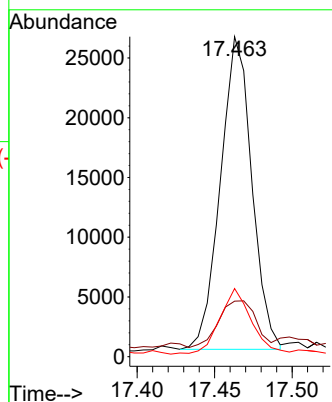
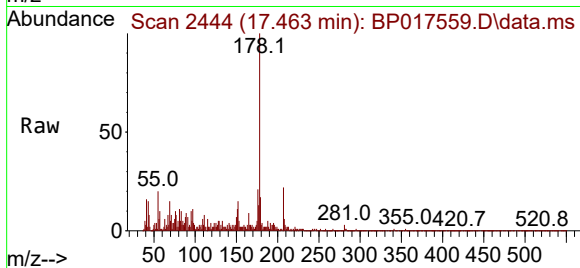
Tgt Ion:178 Resp: 36863

Ion Ratio Lower Upper

178 100

179 17.3 12.2 18.4

176 21.3 15.2 22.8



#74

Anthracene

Concen: 1.082 ng/ul

RT: 17.463 min Scan# 2444

Delta R.T. -0.100 min

Lab File: BP017559.D

Acq: 05 Oct 2023 11:24

Tgt Ion:178 Resp: 37514

Ion Ratio Lower Upper

178 100

179 17.3 12.2 18.2

176 21.3 15.0 22.4

