

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
 Data File : BM041758.D
 Acq On : 09 Sep 2023 20:34
 Operator : MA/JU
 Sample : 04247-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBKB6

Quant Time: Sep 09 23:34:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

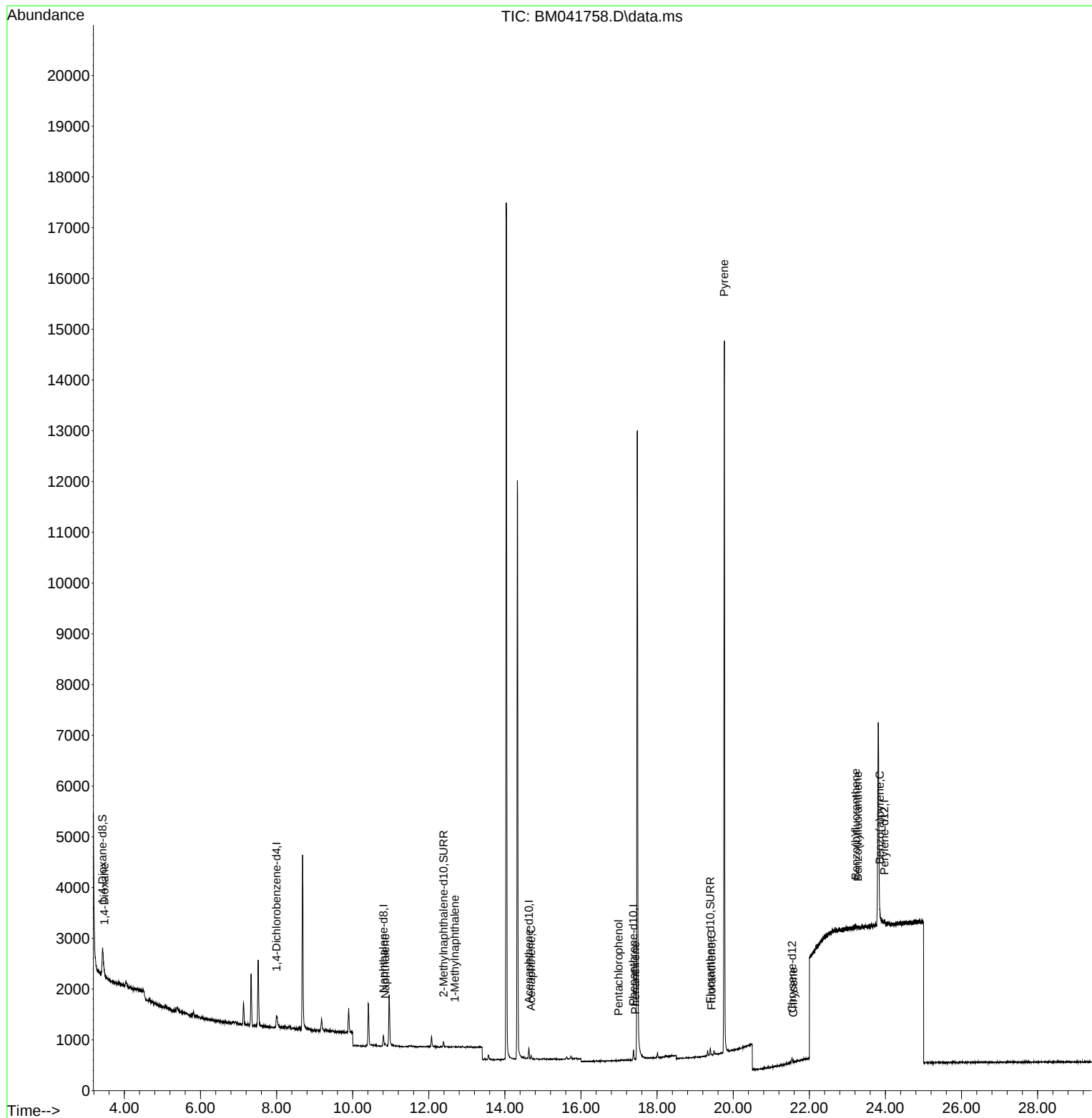
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	131	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.812	136	294	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.629	164	113	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.379	188	212	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.548	240	75	0.400	ng/ul	# 0.00
23) Perylene-d12	23.971	264	51	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.427	96	577	2.882	ng/ul	0.03
6) 2-Methylnaphthalene-d10	12.385	152	143	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	123	0.338	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	11	0.053	ng/ul#	24
5) Naphthalene	10.856	128	47	0.049	ng/ul#	1
8) 1-Methylnaphthalene	12.682	142	12	0.022	ng/ul#	75
11) Acenaphthene	14.689	153	81	0.149	ng/ul#	76
14) Pentachlorophenol	16.991	266	3	0.035	ng/ul#	1
15) Phenanthrene	17.426	178	19	0.021	ng/ul#	1
19) Fluoranthene	19.431	202	23	0.026	ng/ul#	1
20) Pyrene	19.766	202	59	0.067	ng/ul#	1
22) Chrysene	21.583	228	16	0.024	ng/ul#	1
24) Benzo(b)fluoranthene	23.217	252	19	0.042	ng/ul#	1
25) Benzo(k)fluoranthene	23.278	252	23	0.051	ng/ul#	1
26) Benzo(a)pyrene	23.854	252	42	0.113	ng/ul#	1

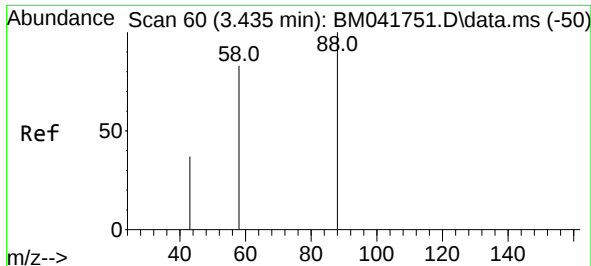
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

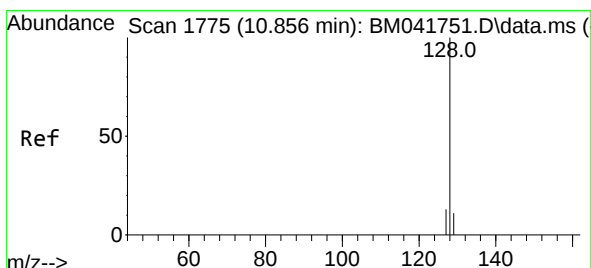
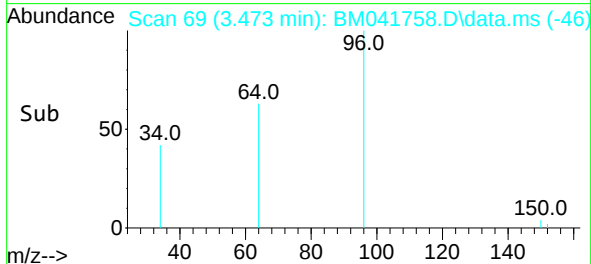
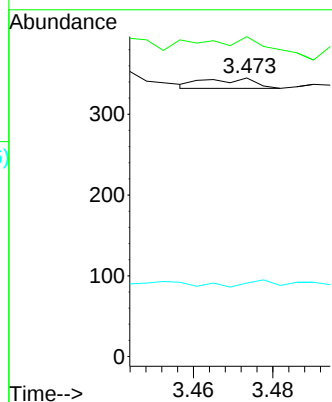
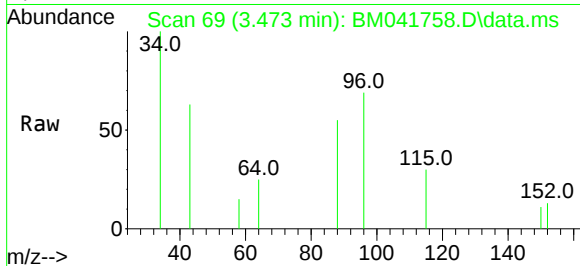




#2
1,4-Dioxane
Concen: 0.053 ng/ul
RT: 3.473 min Scan# 60
Delta R.T. 0.038 min
Lab File: BM041758.D
Acq: 09 Sep 2023 20:34

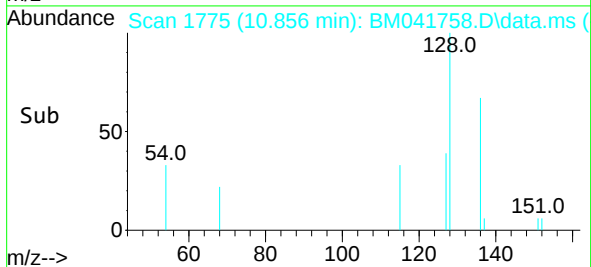
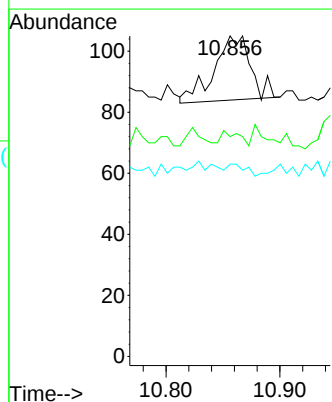
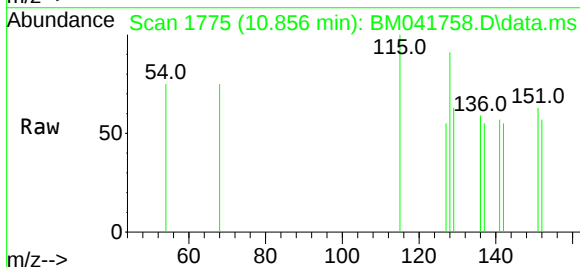
Instrument :
BNA_M
ClientSampleId :
BBKB6

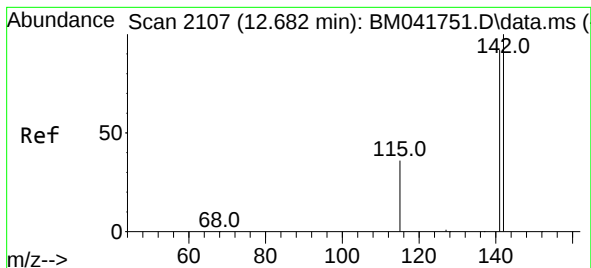
Tgt Ion: 88 Resp: 11
Ion Ratio Lower Upper
88 100
43 114.8 33.8 50.6#
58 26.4 54.2 81.2#



#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.856 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BM041758.D
Acq: 09 Sep 2023 20:34

Tgt Ion: 128 Resp: 47
Ion Ratio Lower Upper
128 100
129 68.6 9.4 14.0#
127 60.0 11.0 16.6#





#8

1-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.682 min Scan# 2107

Delta R.T. 0.000 min

Lab File: BM041758.D

Acq: 09 Sep 2023 20:34

Instrument :

BNA_M

ClientSampleId :

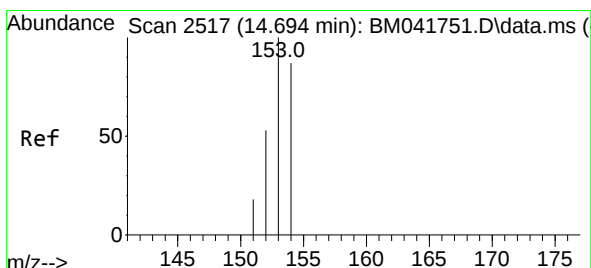
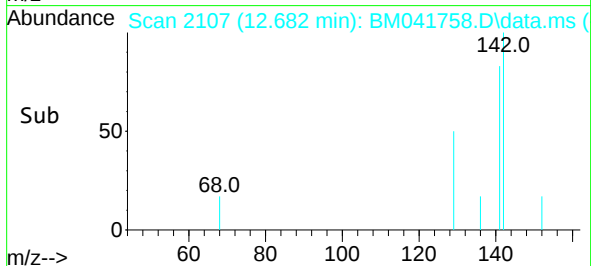
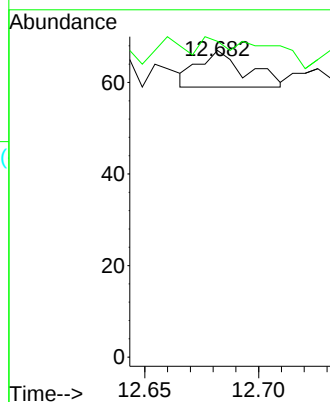
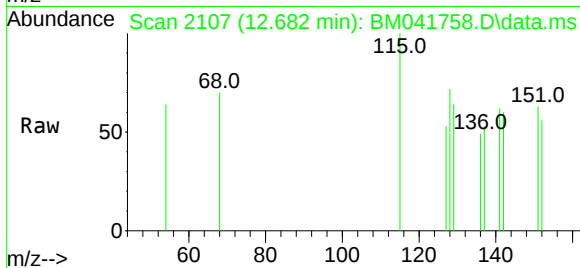
BBKB6

Tgt Ion:142 Resp: 12

Ion Ratio Lower Upper

142 100

141 116.7 74.4 111.6#



#11

Acenaphthene

Concen: 0.149 ng/ul

RT: 14.689 min Scan# 2516

Delta R.T. -0.004 min

Lab File: BM041758.D

Acq: 09 Sep 2023 20:34

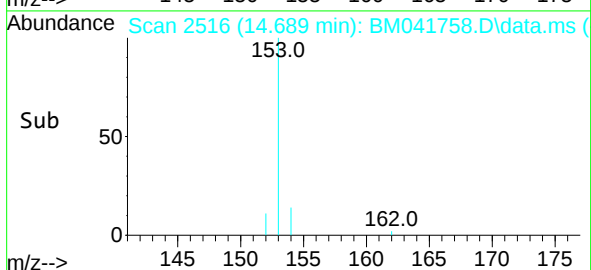
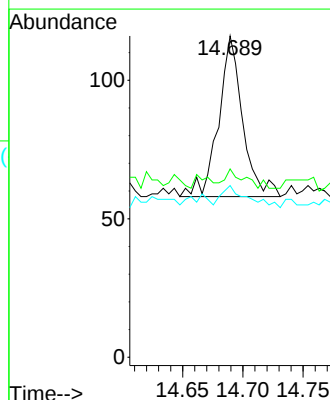
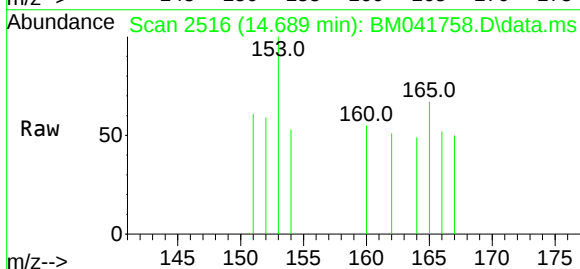
Tgt Ion:153 Resp: 81

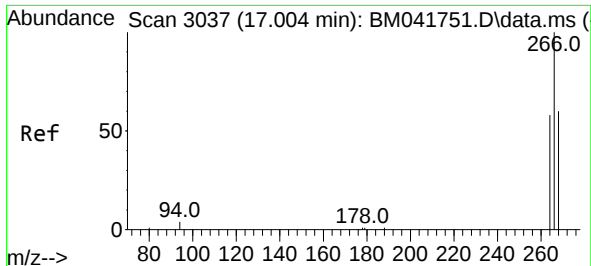
Ion Ratio Lower Upper

153 100

152 58.6 43.4 65.2

154 53.4 69.4 104.0#

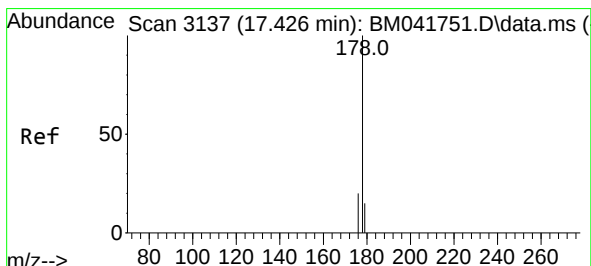
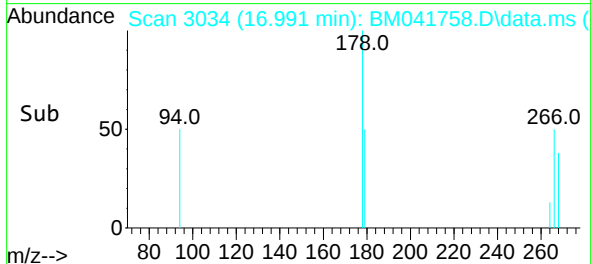
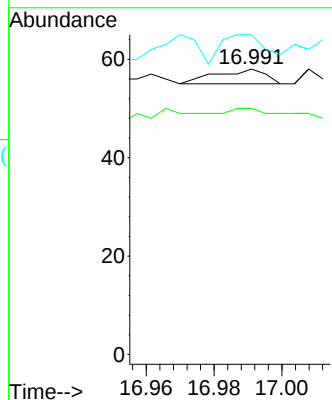
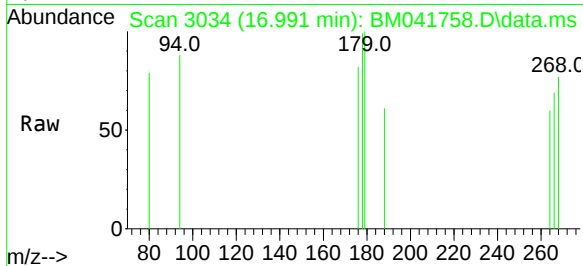




#14
 Pentachlorophenol
 Concen: 0.035 ng/ul
 RT: 16.991 min Scan# 3037
 Delta R.T. -0.013 min
 Lab File: BM041758.D
 Acq: 09 Sep 2023 20:34

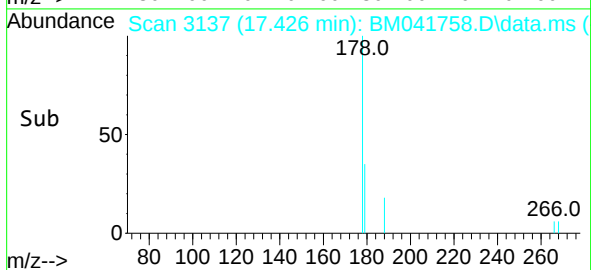
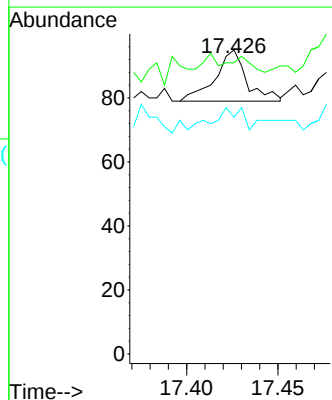
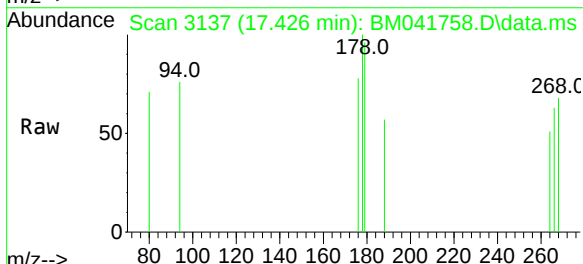
Instrument :
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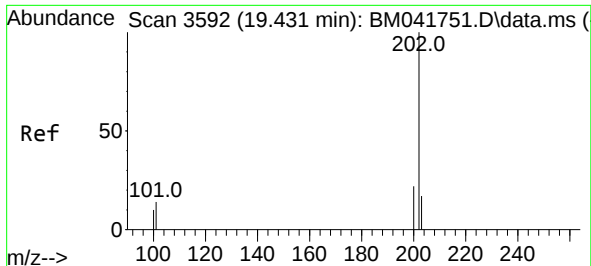
Tgt Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 100.0 50.0 75.0#
 268 200.0 50.8 76.2#



#15
 Phenanthrene
 Concen: 0.021 ng/ul
 RT: 17.426 min Scan# 3137
 Delta R.T. 0.000 min
 Lab File: BM041758.D
 Acq: 09 Sep 2023 20:34

Tgt Ion:178 Resp: 19
 Ion Ratio Lower Upper
 178 100
 179 95.8 12.9 19.3#
 176 77.9 16.9 25.3#

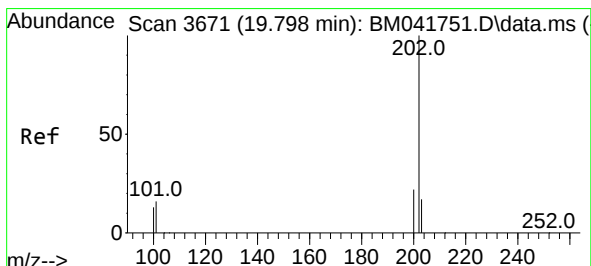
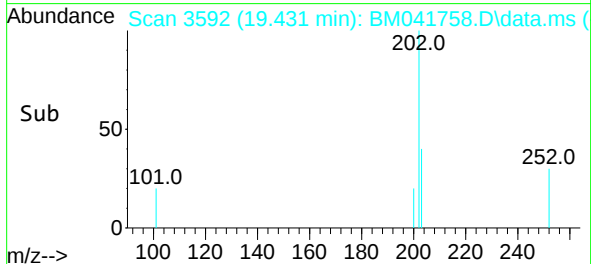
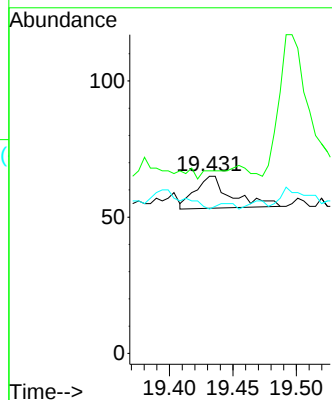
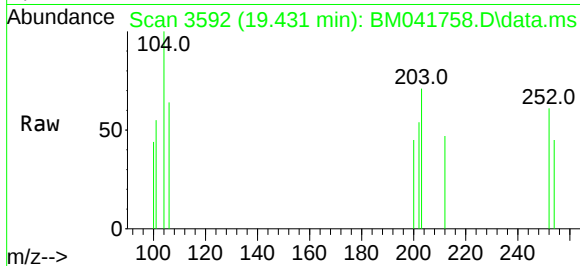




#19
Fluoranthene
Concen: 0.026 ng/u1
RT: 19.431 min Scan# 3592
Delta R.T. 0.000 min
Lab File: BM041758.D
Acq: 09 Sep 2023 20:34

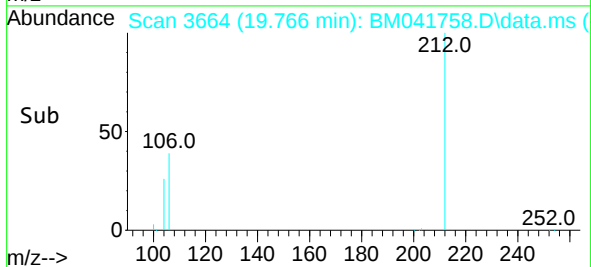
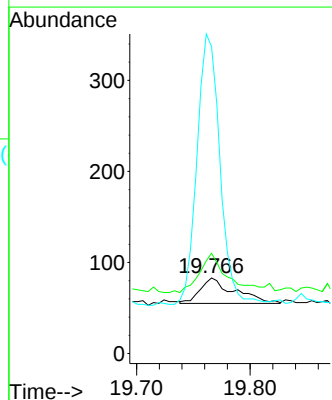
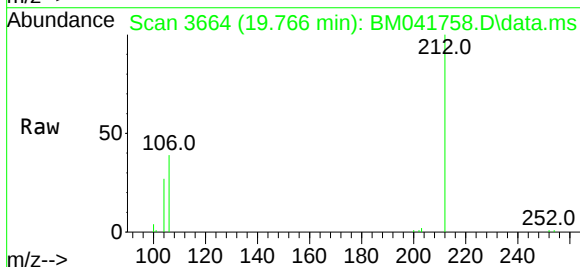
Instrument :
BNA_M
ClientSampleId :
BBKB6

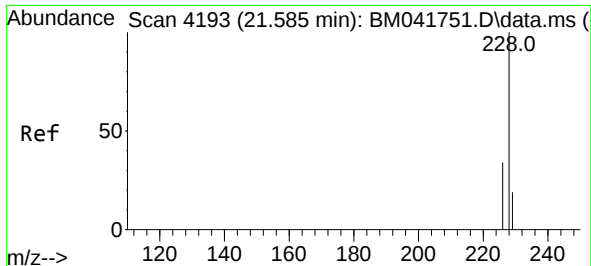
Tgt Ion:202 Resp: 23
Ion Ratio Lower Upper
202 100
101 103.1 10.5 15.7#
100 81.5 8.4 12.6#



#20
Pyrene
Concen: 0.067 ng/u1
RT: 19.766 min Scan# 3664
Delta R.T. -0.032 min
Lab File: BM041758.D
Acq: 09 Sep 2023 20:34

Tgt Ion:202 Resp: 59
Ion Ratio Lower Upper
202 100
101 132.5 11.8 17.8#
100 406.0 9.8 14.6#

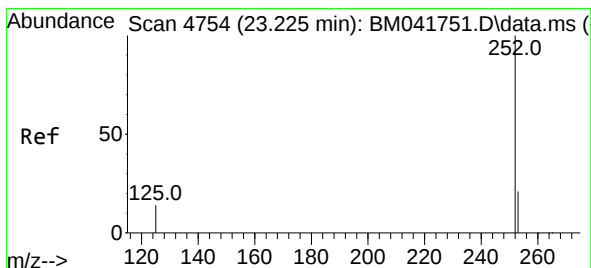
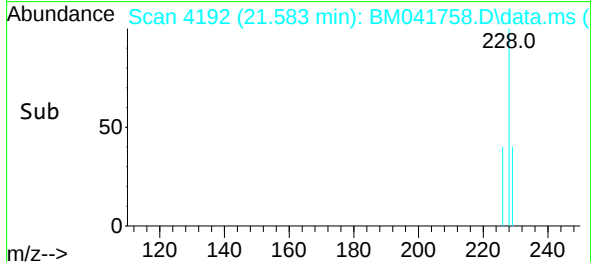
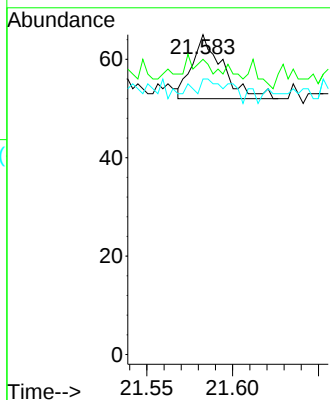
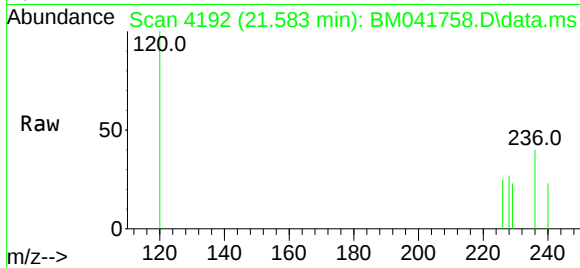




#22
Chrysene
Concen: 0.024 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. -0.003 min
Lab File: BM041758.D
Acq: 09 Sep 2023 20:34

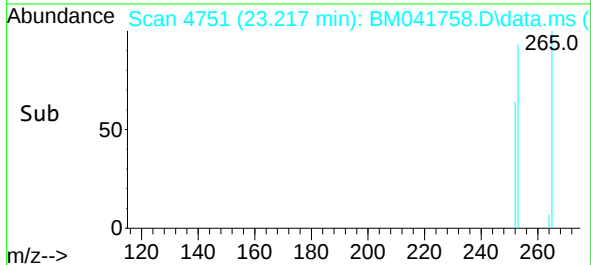
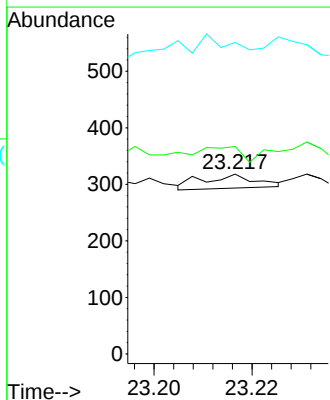
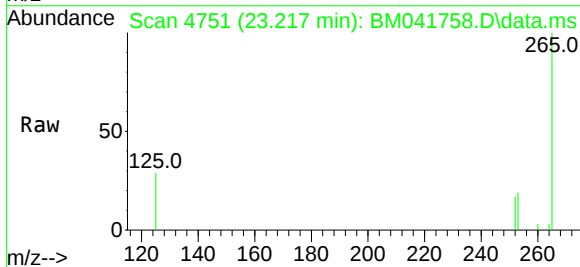
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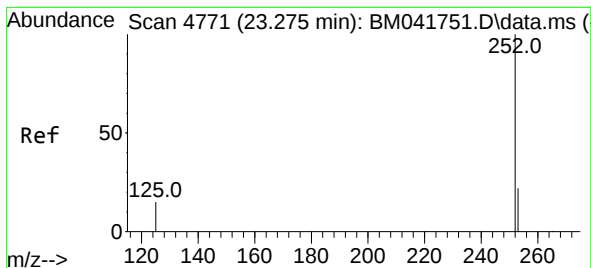
Tgt Ion:228 Resp: 16
Ion Ratio Lower Upper
228 100
226 92.3 27.0 40.6#
229 86.2 15.4 23.2#



#24
Benzo(b)fluoranthene
Concen: 0.042 ng/ul
RT: 23.217 min Scan# 4751
Delta R.T. -0.009 min
Lab File: BM041758.D
Acq: 09 Sep 2023 20:34

Tgt Ion:252 Resp: 19
Ion Ratio Lower Upper
252 100
253 115.4 0.0 52.4#
125 173.3 0.0 42.8#





#25

Benzo(k)fluoranthene

Concen: 0.051 ng/ul

RT: 23.278 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM041758.D

Acq: 09 Sep 2023 20:34

Instrument :

BNA_M

ClientSampleId :

BBKB6

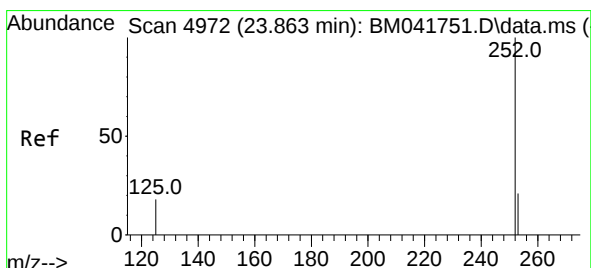
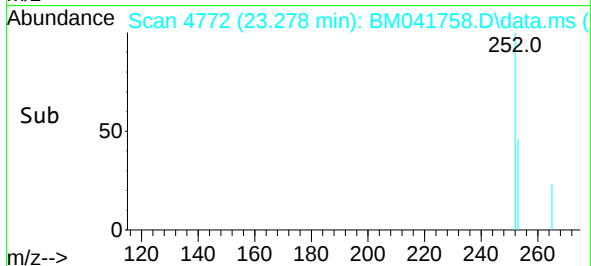
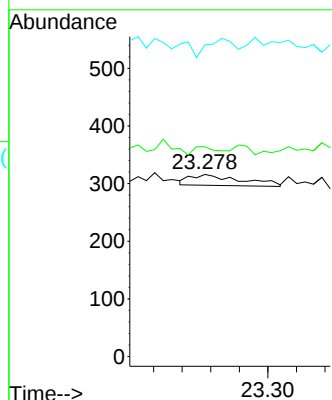
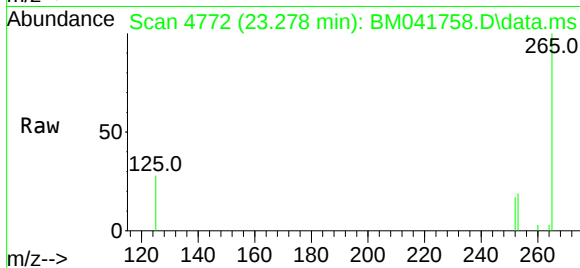
Tgt Ion:252 Resp: 23

Ion Ratio Lower Upper

252 100

253 115.2 21.3 31.9#

125 171.2 17.4 26.0#



#26

Benzo(a)pyrene

Concen: 0.113 ng/ul

RT: 23.854 min Scan# 4969

Delta R.T. -0.009 min

Lab File: BM041758.D

Acq: 09 Sep 2023 20:34

Tgt Ion:252 Resp: 42

Ion Ratio Lower Upper

252 100

253 117.4 22.4 33.6#

125 171.3 21.0 31.4#

