

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040808.D
 Acq On : 11 Jul 2023 12:11
 Operator : MA/JU
 Sample : 03477-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HOA43

Quant Time: Jul 12 04:33:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 03:54:24 2023
 Response via : Initial Calibration

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

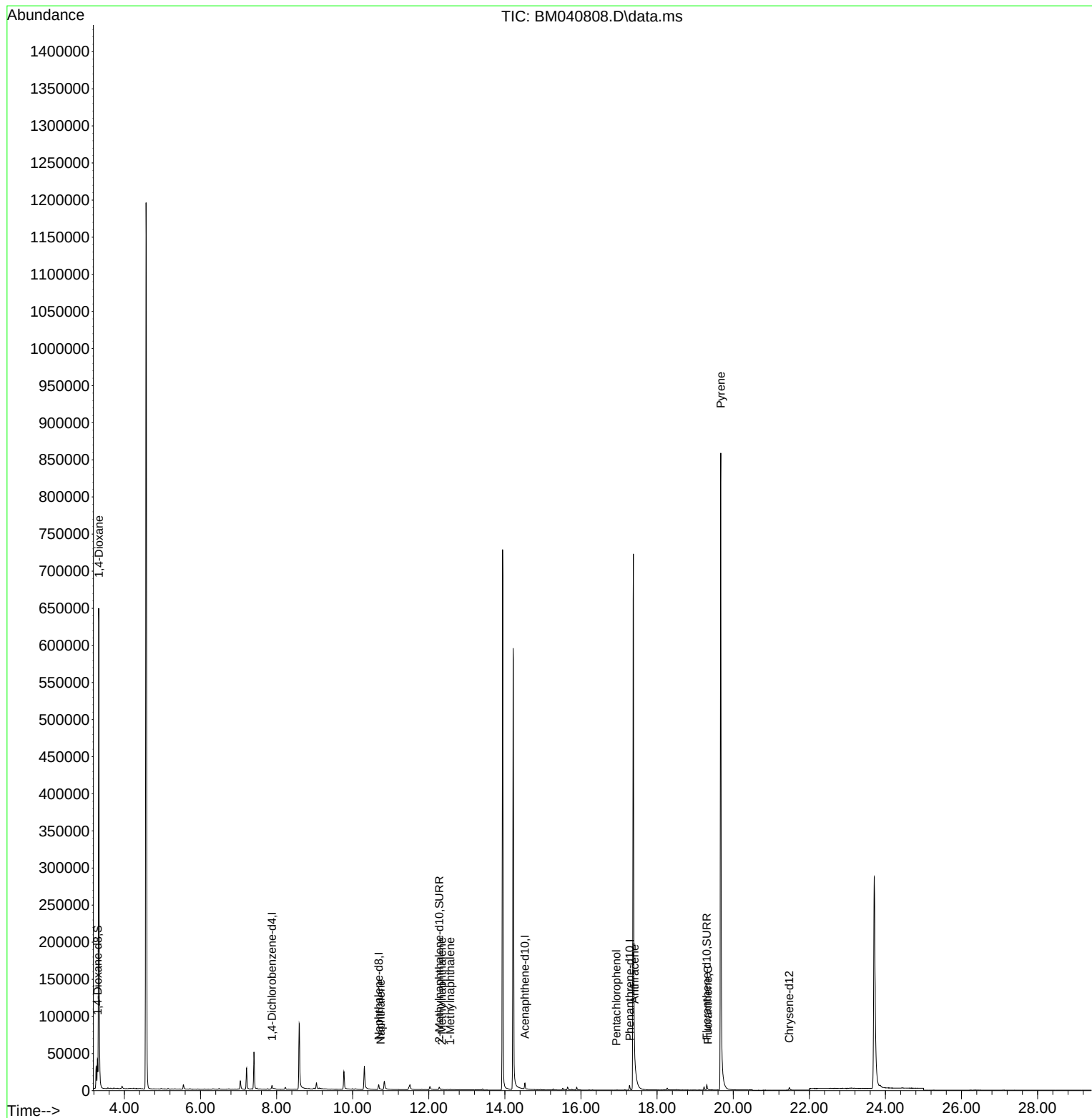
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	2623	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	9241	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.527	164	4396	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.278	188	7743	0.400	ng/ul	-0.01
17) Chrysene-d12	21.475	240	4586	0.400	ng/ul	-0.01
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.88
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	24367	5.914	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	5310	0.410	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	8330	0.567	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	399877	95.347	ng/ul#	84
5) Naphthalene	10.735	128	1198	0.047	ng/ul#	68
7) 2-Methylnaphthalene	12.346	142	335	0.022	ng/ul	99
8) 1-Methylnaphthalene	12.566	142	308	0.021	ng/ul	99
14) Pentachlorophenol	16.932	266	47	0.032	ng/ul#	67
16) Anthracene	17.409	178	695	0.034	ng/ul#	53
19) Fluoranthene	19.338	202	397	0.020	ng/ul#	35
20) Pyrene	19.673	202	1818	0.087	ng/ul#	1

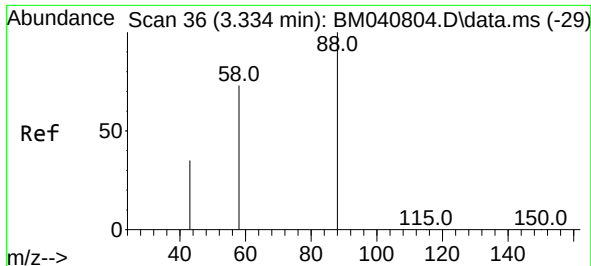
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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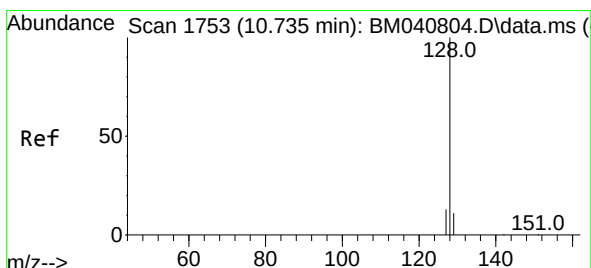
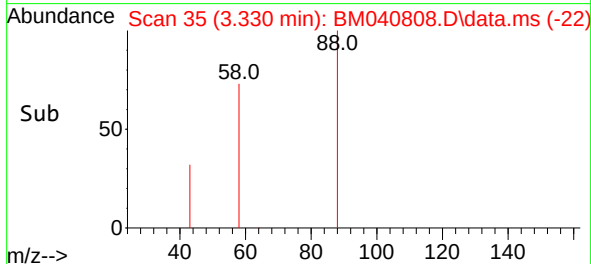
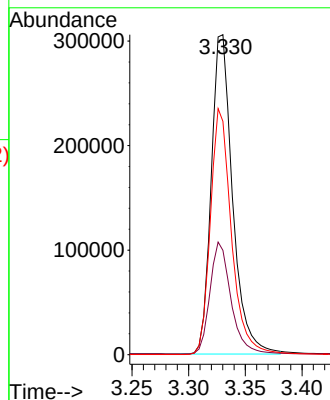
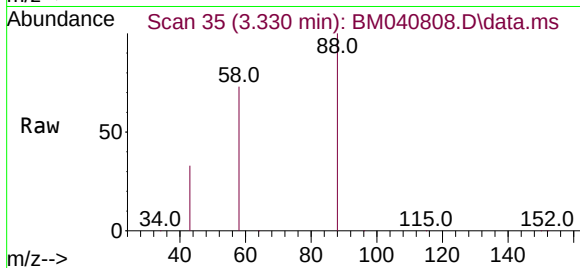




#2
1,4-Dioxane
Concen: 95.347 ng/ul
RT: 3.330 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040808.D
Acq: 11 Jul 2023 12:11

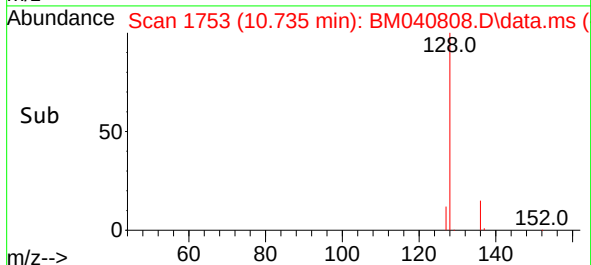
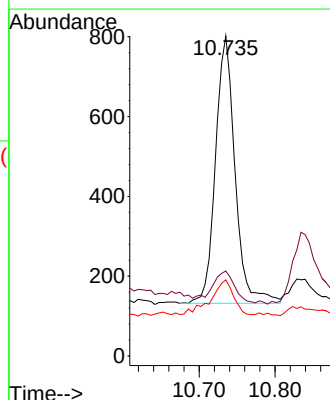
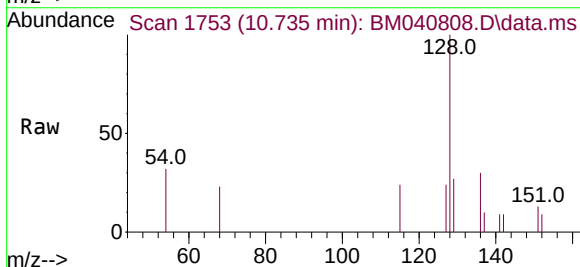
Instrument :
BNA_M
ClientSampleId :
HOA43

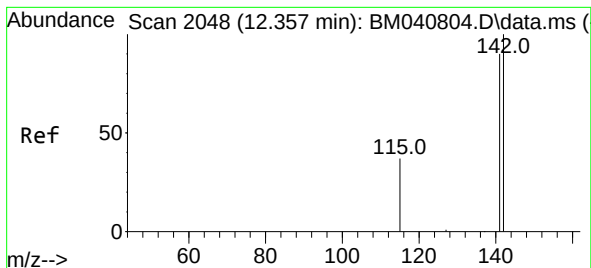
Tgt Ion: 88 Resp: 399877
Ion Ratio Lower Upper
88 100
43 32.6 36.1 54.1#
58 72.9 49.8 74.8



#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.735 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BM040808.D
Acq: 11 Jul 2023 12:11

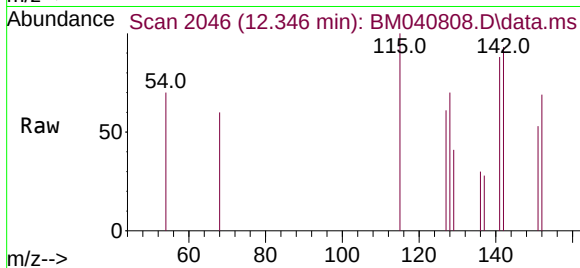
Tgt Ion: 128 Resp: 1198
Ion Ratio Lower Upper
128 100
129 26.6 9.2 13.8#
127 23.8 10.6 15.8#



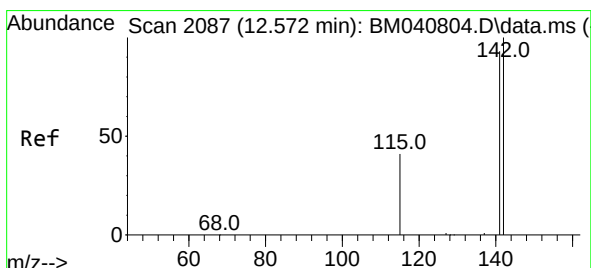
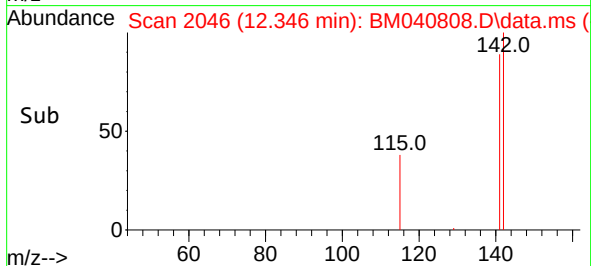
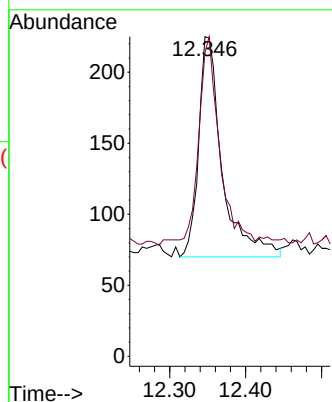


#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.346 min Scan# 2046
Delta R.T. -0.011 min
Lab File: BM040808.D
Acq: 11 Jul 2023 12:11

Instrument :
BNA_M
ClientSampleId :
HOA43

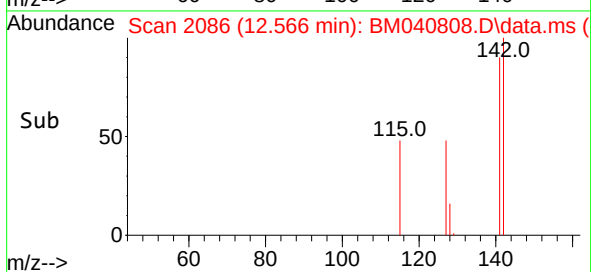
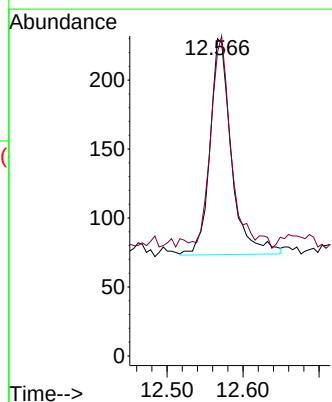
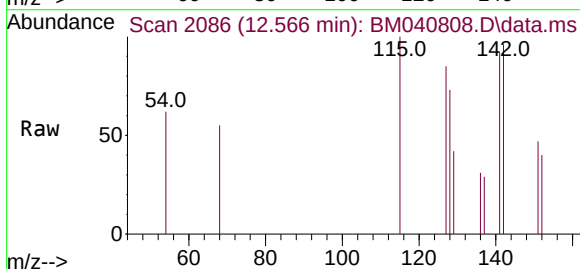


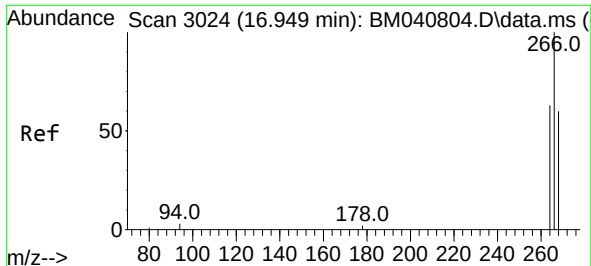
Tgt Ion:142 Resp: 335
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. -0.011 min
Lab File: BM040808.D
Acq: 11 Jul 2023 12:11

Tgt Ion:142 Resp: 308
Ion Ratio Lower Upper
142 100
141 93.5 73.7 110.5

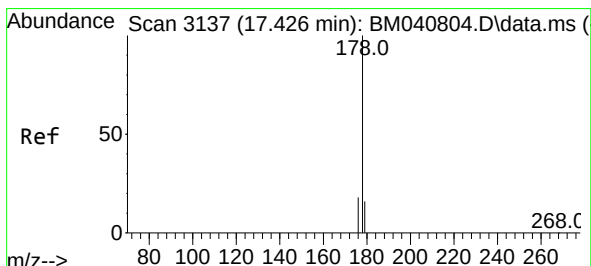
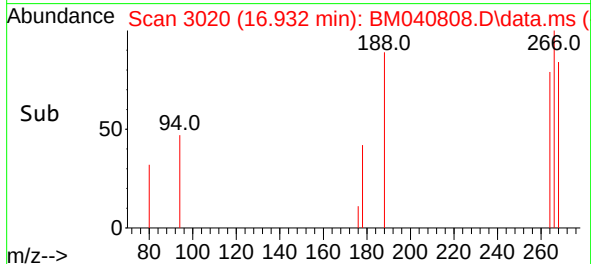
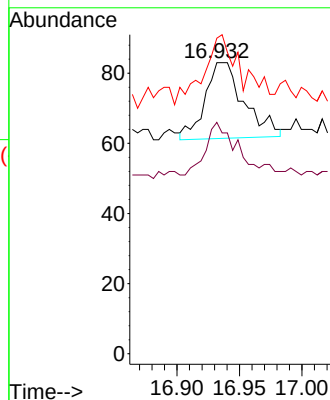
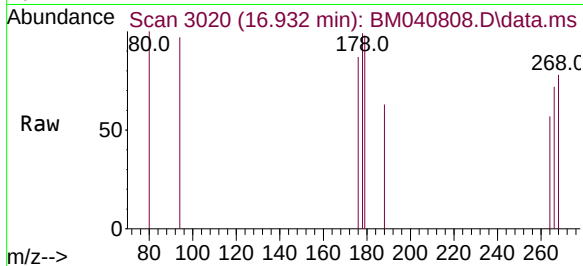




#14
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 16.932 min Scan# 3024
Delta R.T. -0.025 min
Lab File: BM040808.D
Acq: 11 Jul 2023 12:11

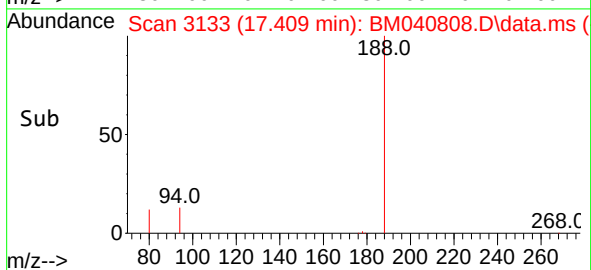
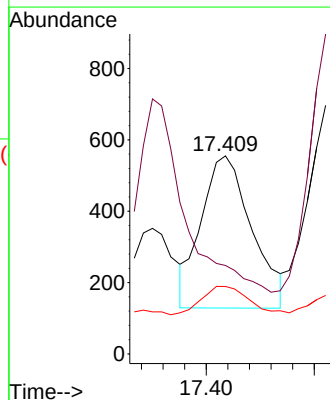
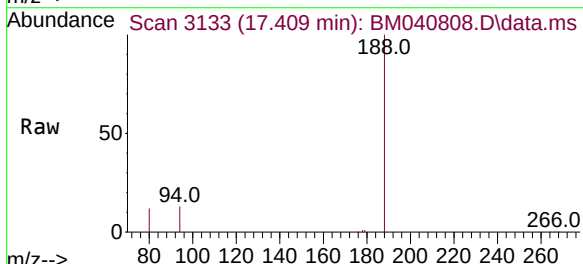
Instrument :
BNA_M
ClientSampleId :
HOA43

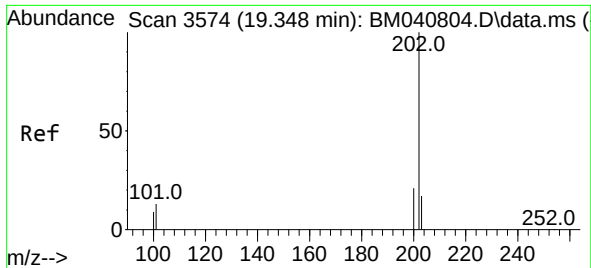
Tgt Ion:266 Resp: 47
Ion Ratio Lower Upper
266 100
264 66.0 45.4 68.0
268 97.9 47.2 70.8#



#16
Anthracene
Concen: 0.034 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.021 min
Lab File: BM040808.D
Acq: 11 Jul 2023 12:11

Tgt Ion:178 Resp: 695
Ion Ratio Lower Upper
178 100
179 44.7 12.9 19.3#
176 34.1 15.8 23.6#

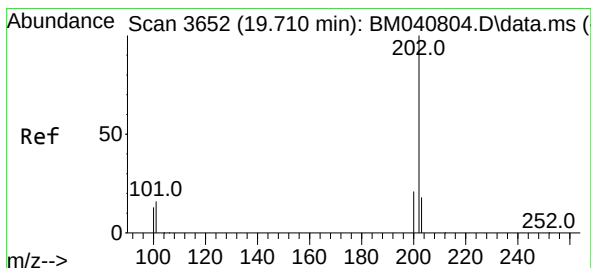
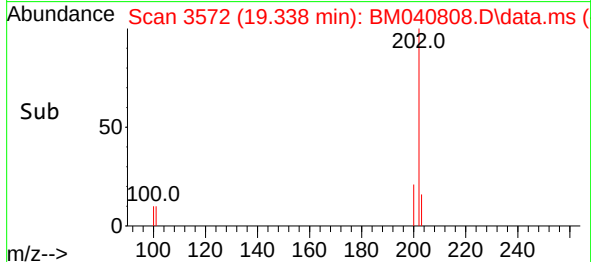
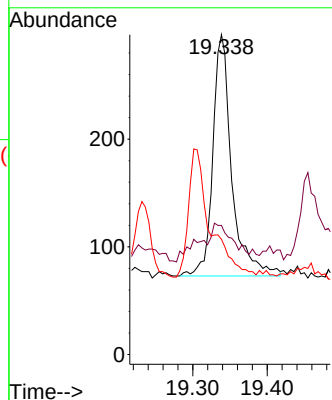
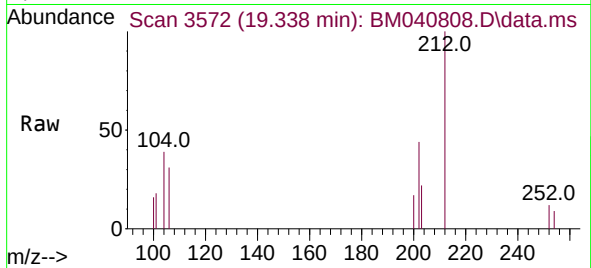




#19
Fluoranthene
Concen: 0.020 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.014 min
Lab File: BM040808.D
Acq: 11 Jul 2023 12:11

Instrument :
BNA_M
ClientSampleId :
HOA43

Tgt Ion:202 Resp: 397
Ion Ratio Lower Upper
202 100
101 40.4 11.4 17.0#
100 36.0 8.7 13.1#



#20
Pyrene
Concen: 0.087 ng/ul
RT: 19.673 min Scan# 3644
Delta R.T. -0.042 min
Lab File: BM040808.D
Acq: 11 Jul 2023 12:11

Tgt Ion:202 Resp: 1818
Ion Ratio Lower Upper
202 100
101 186.0 12.6 18.8#
100 1354.5 9.8 14.6#

