

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042618.D
 Acq On : 07 Nov 2023 18:43
 Operator : MA/JU
 Sample : 05026-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH339

Quant Time: Nov 07 23:06:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

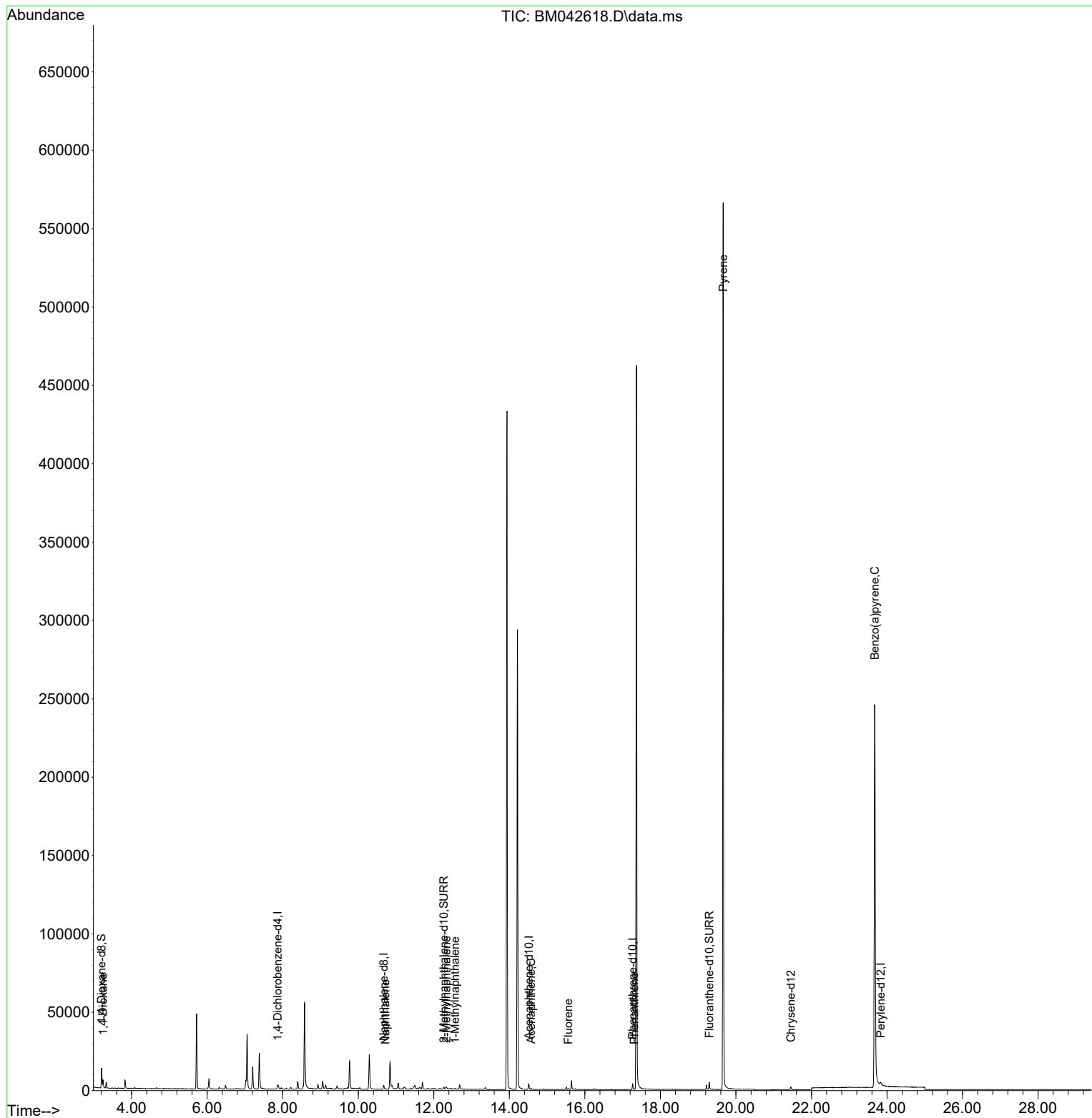
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	1336	0.400	ng/ul	0.00
4) Naphthalene-d8	10.673	136	3197	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.516	164	1923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	4324	0.400	ng/ul	0.00
17) Chrysene-d12	21.453	240	2551	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	3149	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	7066	4.002	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	1895	0.425	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	4891	0.554	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	2891	1.378	ng/ul#	62
5) Naphthalene	10.722	128	298	0.029	ng/ul#	46
7) 2-Methylnaphthalene	12.339	142	312	0.047	ng/ul	95
8) 1-Methylnaphthalene	12.559	142	236	0.035	ng/ul	90
11) Acenaphthene	14.576	153	440	0.049	ng/ul	95
12) Fluorene	15.562	166	265	0.026	ng/ul#	90
15) Phenanthrene	17.306	178	451	0.027	ng/ul#	61
20) Pyrene	19.662	202	1292	0.074	ng/ul#	1
26) Benzo(a)pyrene	23.674	252	1688	0.128	ng/ul#	62

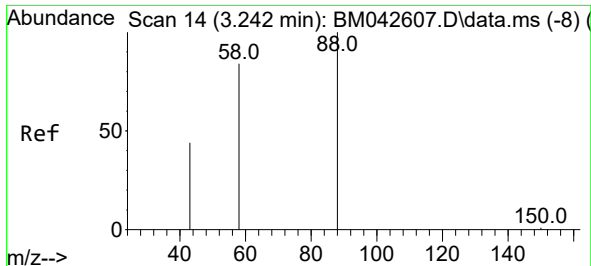
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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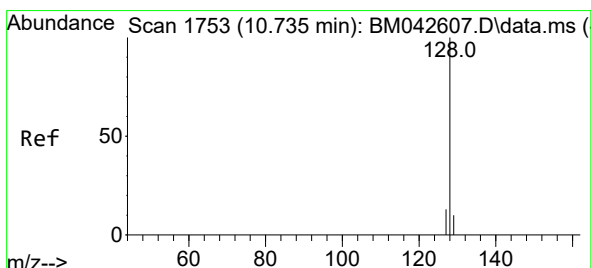
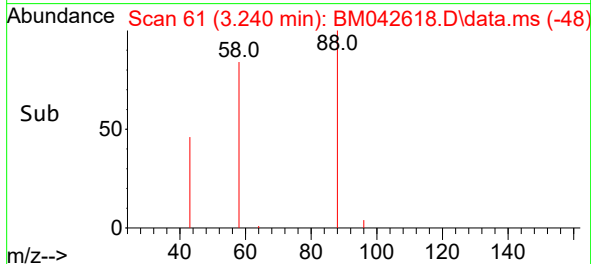
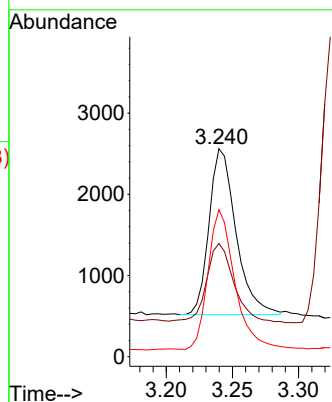
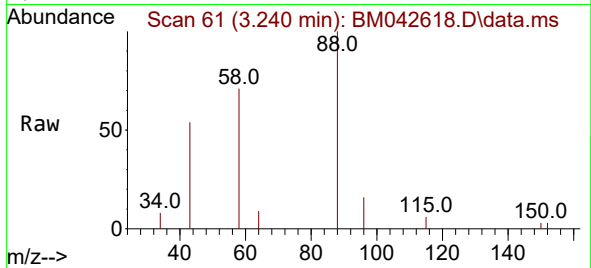




#2
1,4-Dioxane
Concen: 1.378 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042618.D
Acq: 07 Nov 2023 18:43

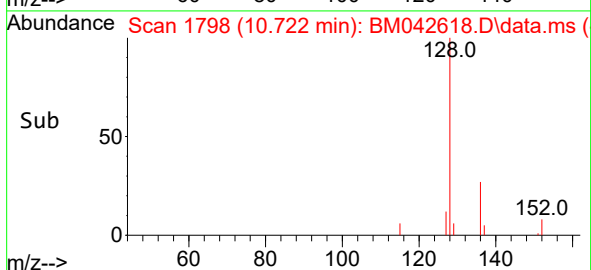
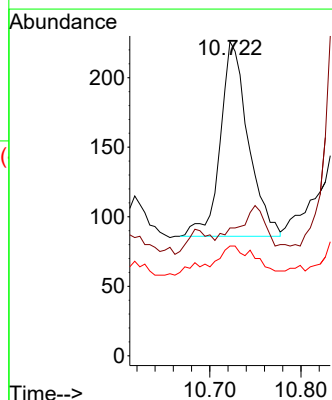
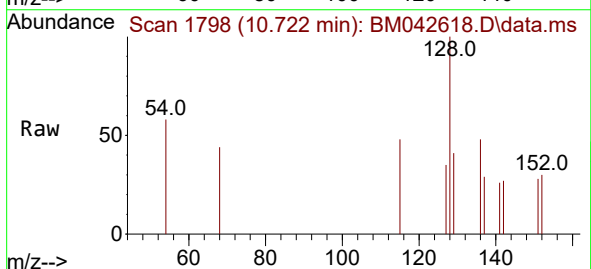
Instrument :
BNA_M
ClientSampleId :
BH339

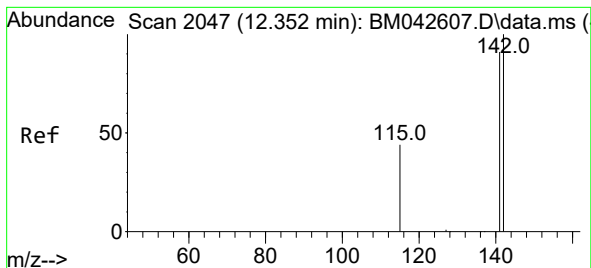
Tgt Ion: 88 Resp: 2891
Ion Ratio Lower Upper
88 100
43 54.5 77.5 116.3#
58 70.6 40.9 61.3#



#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.722 min Scan# 1798
Delta R.T. -0.013 min
Lab File: BM042618.D
Acq: 07 Nov 2023 18:43

Tgt Ion: 128 Resp: 298
Ion Ratio Lower Upper
128 100
129 40.7 11.3 16.9#
127 35.0 13.0 19.4#

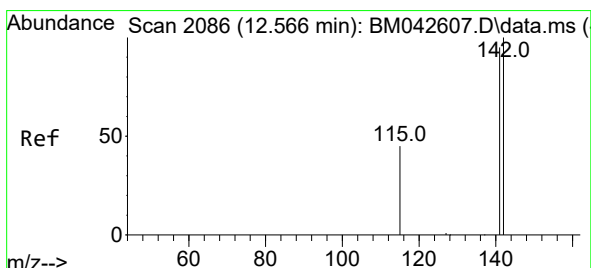
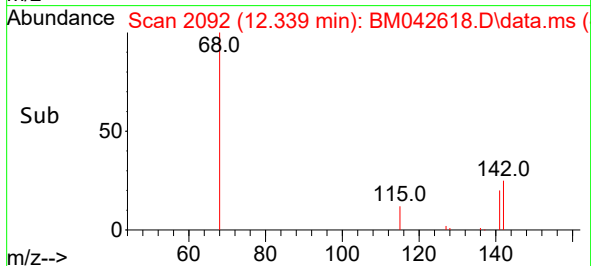
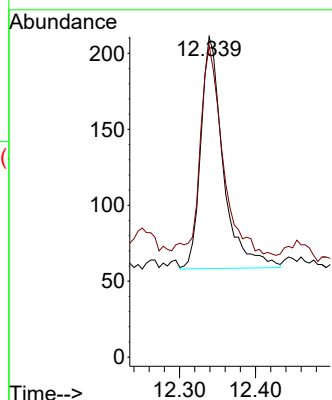
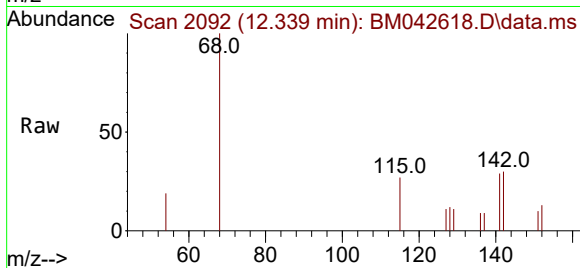




#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.339 min Scan# 2047
Delta R.T. -0.008 min
Lab File: BM042618.D
Acq: 07 Nov 2023 18:43

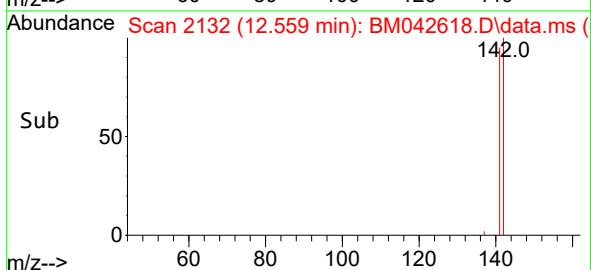
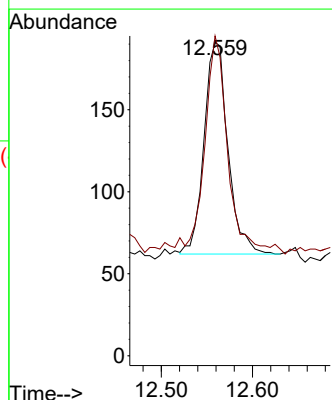
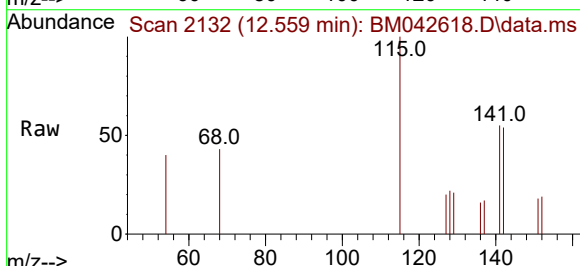
Instrument :
BNA_M
ClientSampleId :
BH339

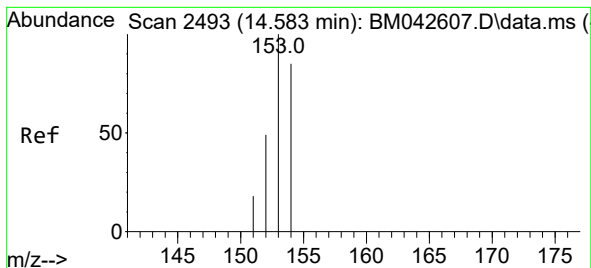
Tgt Ion:142 Resp: 312
Ion Ratio Lower Upper
142 100
141 94.2 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.559 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BM042618.D
Acq: 07 Nov 2023 18:43

Tgt Ion:142 Resp: 236
Ion Ratio Lower Upper
142 100
141 104.2 75.4 113.2





#11

Acenaphthene

Concen: 0.049 ng/ul

RT: 14.576 min Scan# 21

Delta R.T. -0.002 min

Lab File: BM042618.D

Acq: 07 Nov 2023 18:43

Instrument :

BNA_M

ClientSampleId :

BH339

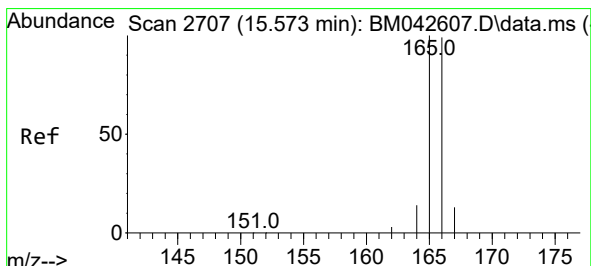
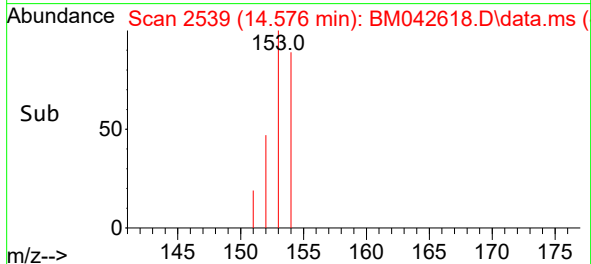
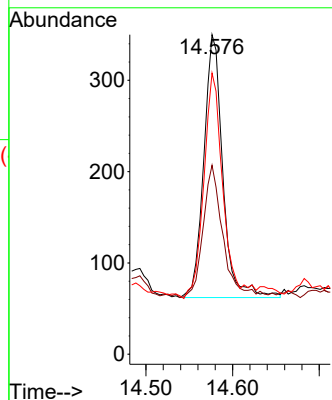
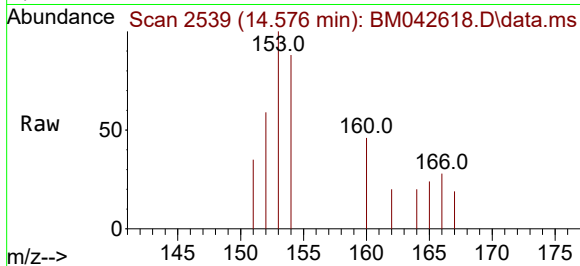
Tgt Ion:153 Resp: 440

Ion Ratio Lower Upper

153 100

152 59.1 41.8 62.6

154 88.0 69.2 103.8



#12

Fluorene

Concen: 0.026 ng/ul

RT: 15.562 min Scan# 2752

Delta R.T. -0.007 min

Lab File: BM042618.D

Acq: 07 Nov 2023 18:43

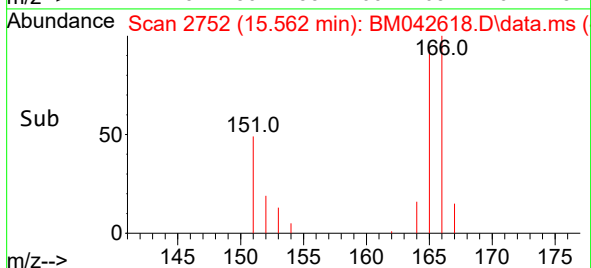
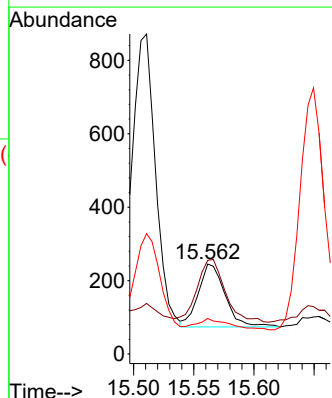
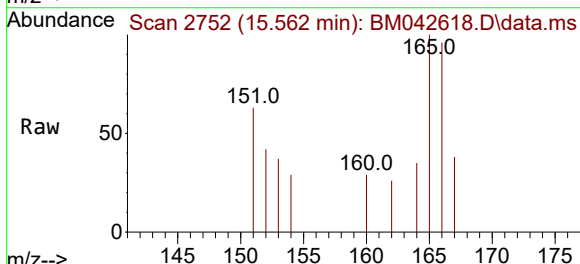
Tgt Ion:166 Resp: 265

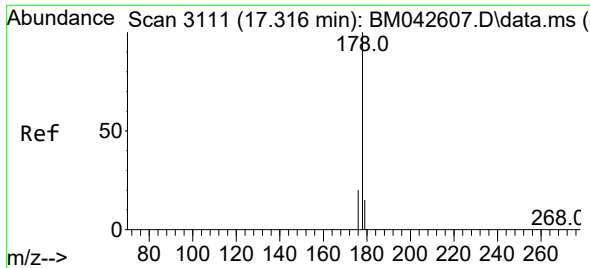
Ion Ratio Lower Upper

166 100

165 104.1 81.2 121.8

167 39.6 11.9 17.9#

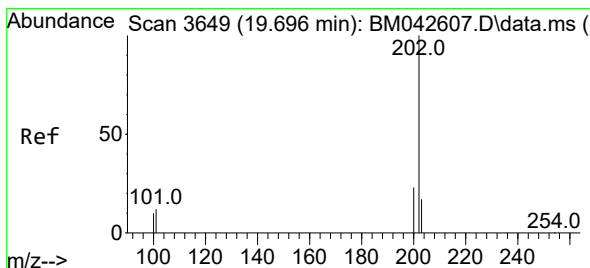
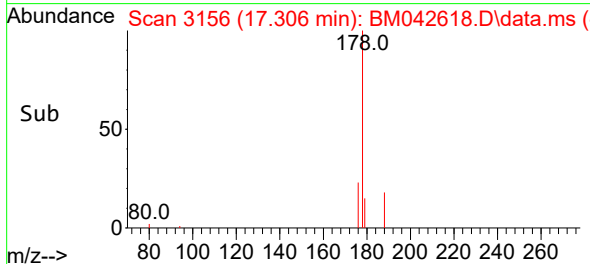
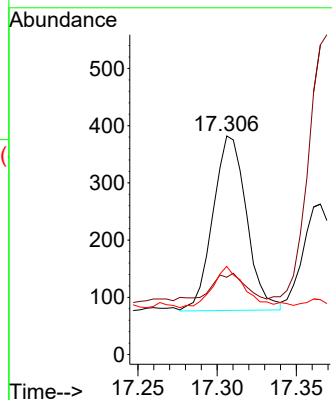
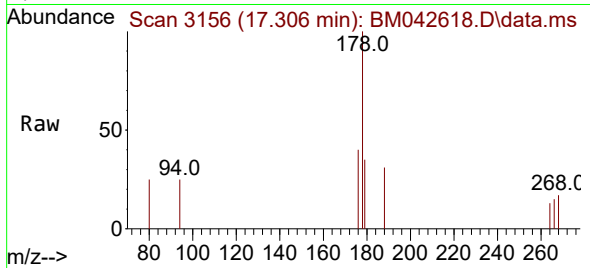




#15
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.306 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM042618.D
Acq: 07 Nov 2023 18:43

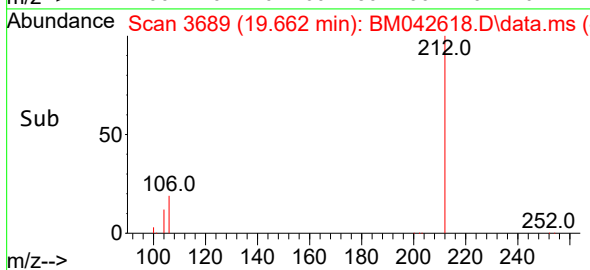
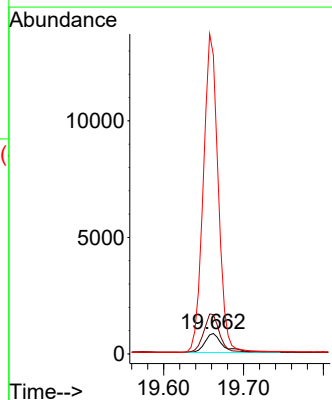
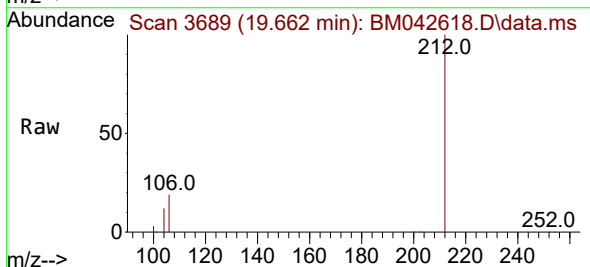
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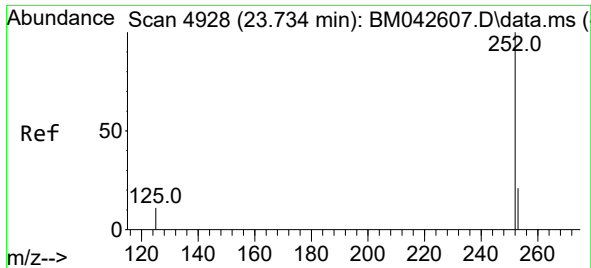
Tgt Ion:178 Resp: 451
Ion Ratio Lower Upper
178 100
179 35.3 13.7 20.5#
176 40.3 18.2 27.2#



#20
Pyrene
Concen: 0.074 ng/ul
RT: 19.662 min Scan# 3689
Delta R.T. -0.034 min
Lab File: BM042618.D
Acq: 07 Nov 2023 18:43

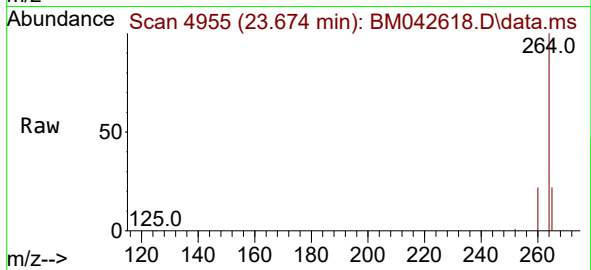
Tgt Ion:202 Resp: 1292
Ion Ratio Lower Upper
202 100
101 192.6 10.6 16.0#
100 1463.2 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.128 ng/ul
RT: 23.674 min Scan# 49
Delta R.T. -0.060 min
Lab File: BM042618.D
Acq: 07 Nov 2023 18:43

Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 1688
Ion Ratio Lower Upper
252 100
253 62.5 31.7 47.5#
125 48.2 22.1 33.1#

