

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
 Data File : BM042097.D
 Acq On : 27 Sep 2023 23:13
 Operator : MA/JU
 Sample : 04450-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHQ6

Quant Time: Sep 28 01:04:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

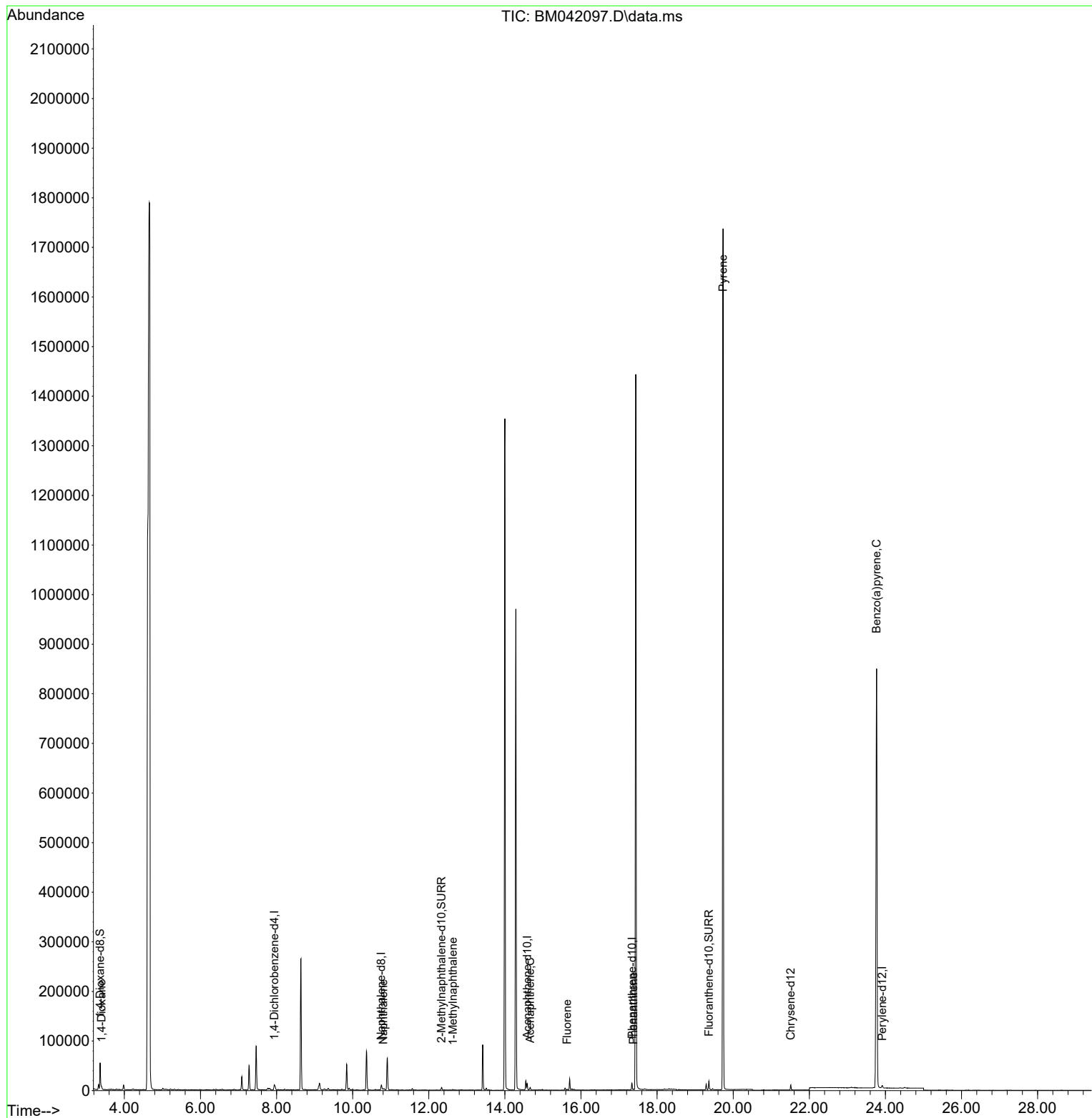
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	4868	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.752	136	12649	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.588	164	6516	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.341	188	13941	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.513	240	7263	0.400	ng/ul	-0.01
23) Perylene-d12	23.915	264	7452	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	33390	5.033	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	6506	0.411	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	14146	0.473	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	2450	0.351	ng/ul	95
5) Naphthalene	10.801	128	4891	0.115	ng/ul#	88
8) 1-Methylnaphthalene	12.632	142	771	0.030	ng/ul	100
11) Acenaphthene	14.662	153	1283	0.038	ng/ul#	28
12) Fluorene	15.638	166	1031	0.027	ng/ul#	93
15) Phenanthrene	17.379	178	1720	0.027	ng/ul#	78
20) Pyrene	19.733	202	4562	0.057	ng/ul#	1
26) Benzo(a)pyrene	23.766	252	7223	0.153	ng/ul#	66

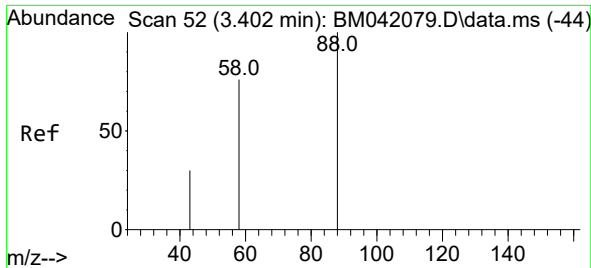
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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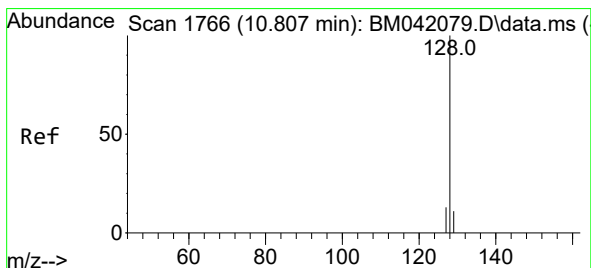
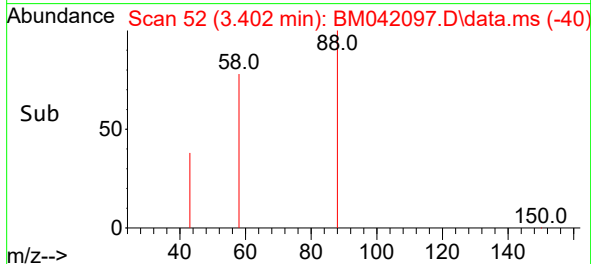
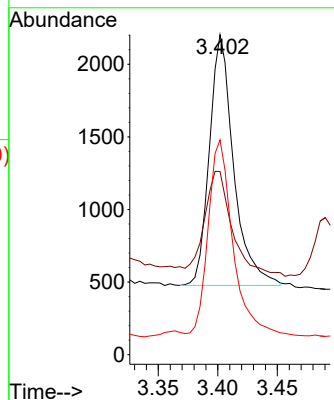
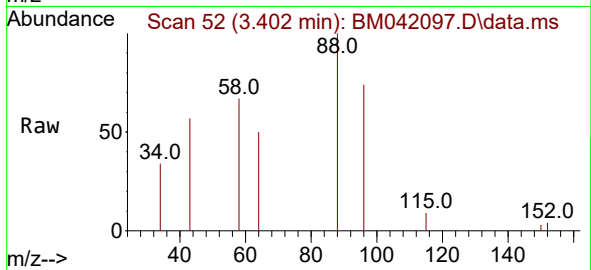




#2
1,4-Dioxane
Concen: 0.351 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042097.D
Acq: 27 Sep 2023 23:13

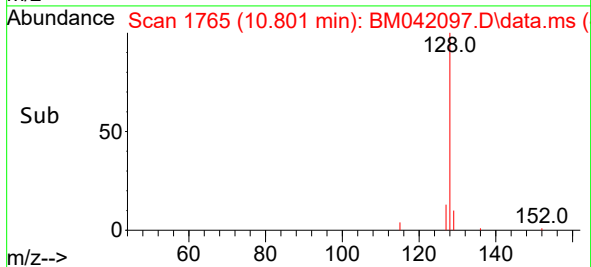
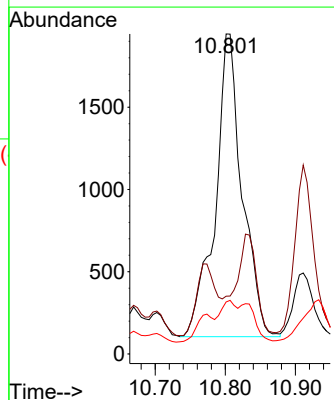
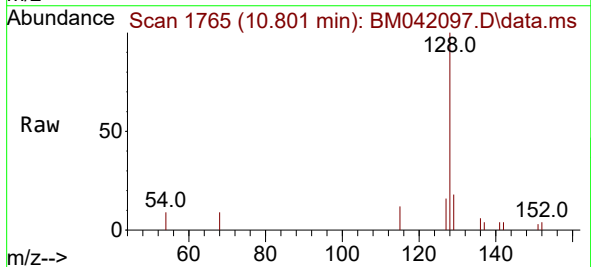
Instrument :
BNA_M
ClientSampleId :
BBHQ6

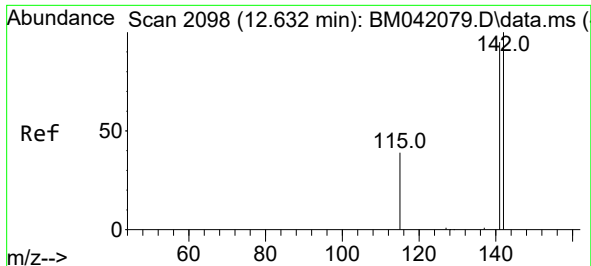
Tgt Ion: 88 Resp: 2450
Ion Ratio Lower Upper
88 100
43 57.3 42.9 64.3
58 67.1 56.4 84.6



#5
Naphthalene
Concen: 0.115 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.016 min
Lab File: BM042097.D
Acq: 27 Sep 2023 23:13

Tgt Ion: 128 Resp: 4891
Ion Ratio Lower Upper
128 100
129 18.0 9.2 13.8#
127 16.2 10.8 16.2#

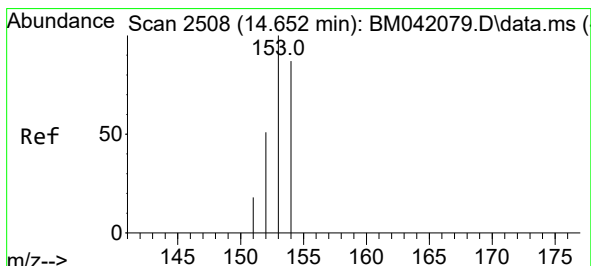
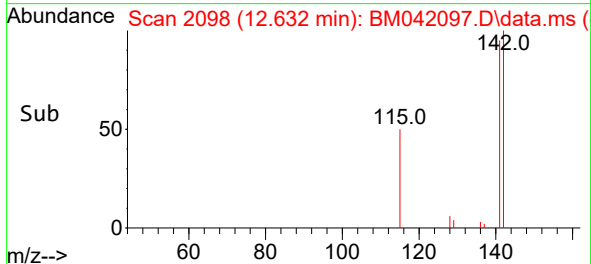
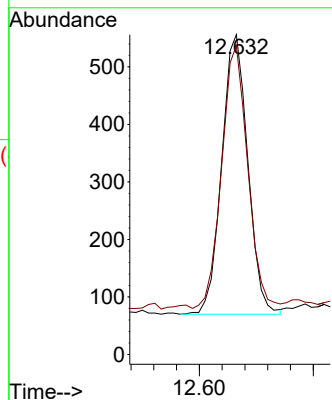
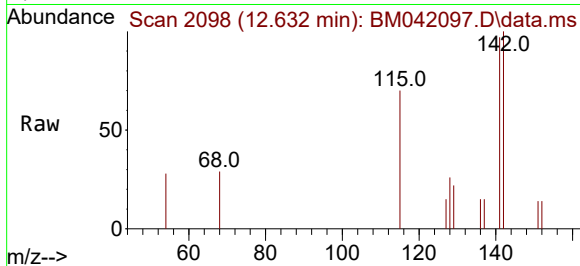




#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BM042097.D
Acq: 27 Sep 2023 23:13

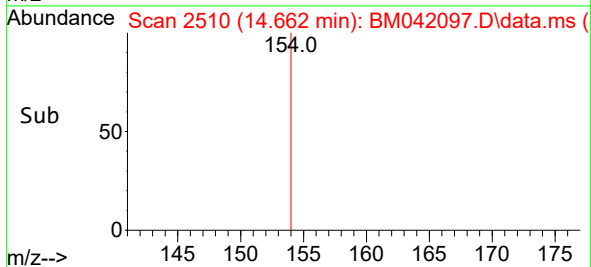
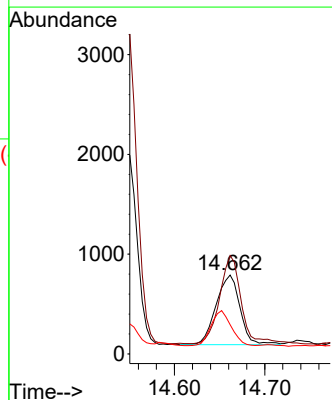
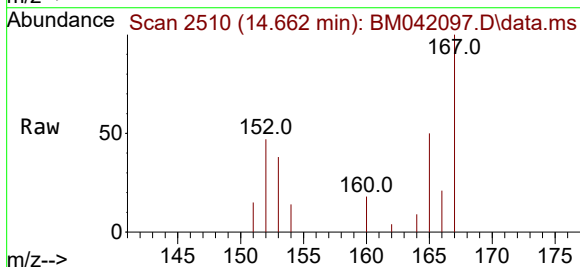
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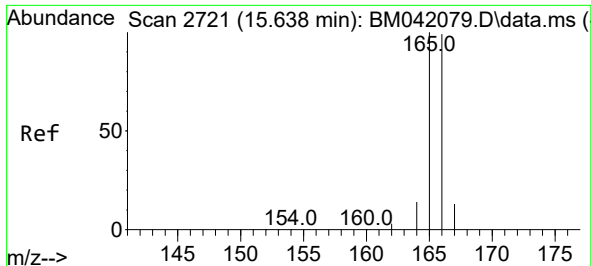
Tgt Ion:142 Resp: 771
Ion Ratio Lower Upper
142 100
141 93.9 75.1 112.7



#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.662 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BM042097.D
Acq: 27 Sep 2023 23:13

Tgt Ion:153 Resp: 1283
Ion Ratio Lower Upper
153 100
152 124.7 41.8 62.8#
154 37.0 69.0 103.6#

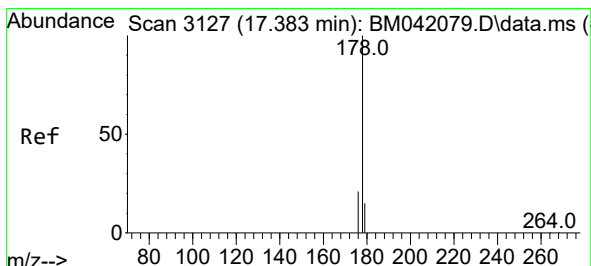
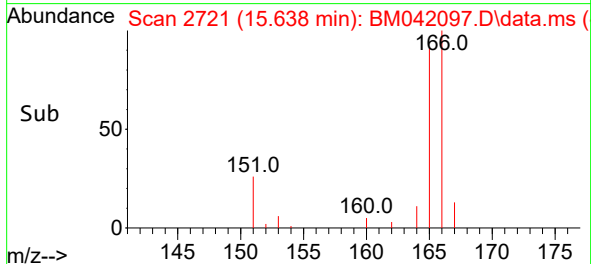
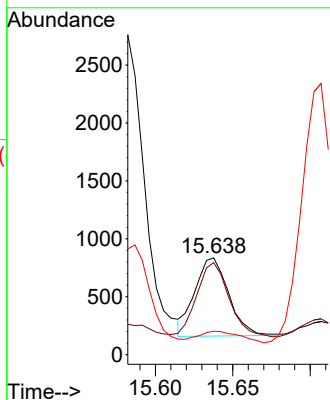
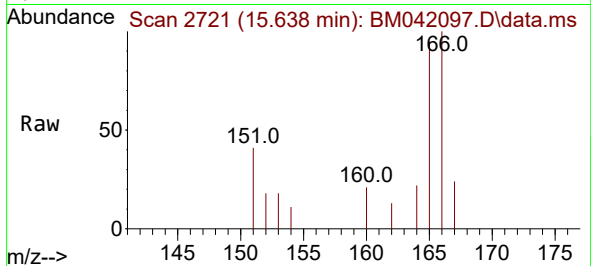




#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.638 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM042097.D
Acq: 27 Sep 2023 23:13

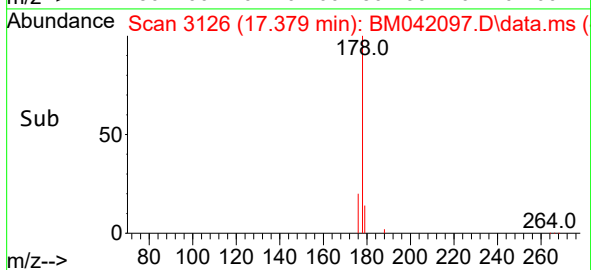
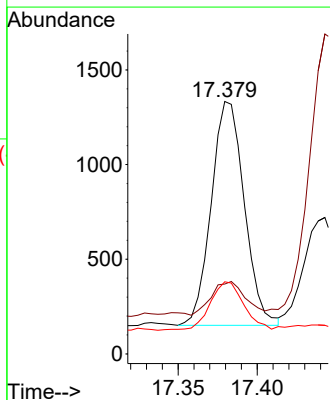
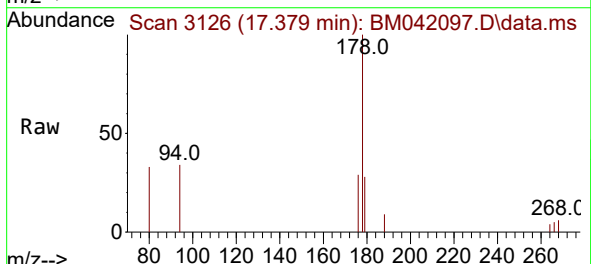
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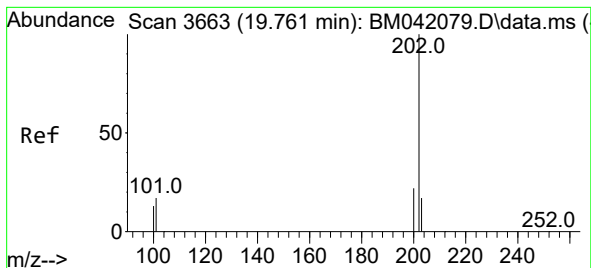
Tgt Ion:166 Resp: 1031
Ion Ratio Lower Upper
166 100
165 95.0 79.8 119.8
167 24.3 11.1 16.7#



#15
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.017 min
Lab File: BM042097.D
Acq: 27 Sep 2023 23:13

Tgt Ion:178 Resp: 1720
Ion Ratio Lower Upper
178 100
179 27.7 12.7 19.1#
176 28.6 16.6 24.8#





#20

Pyrene

Concen: 0.057 ng/ul

RT: 19.733 min Scan# 3

Delta R.T. -0.037 min

Lab File: BM042097.D

Acq: 27 Sep 2023 23:13

Instrument :

BNA_M

ClientSampleId :

BBHQ6

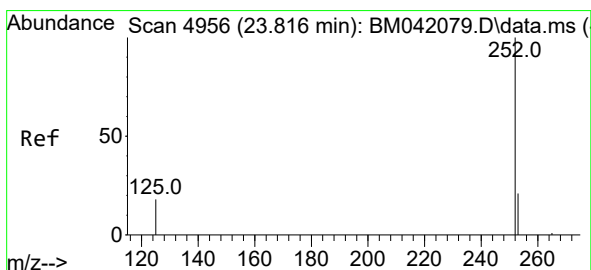
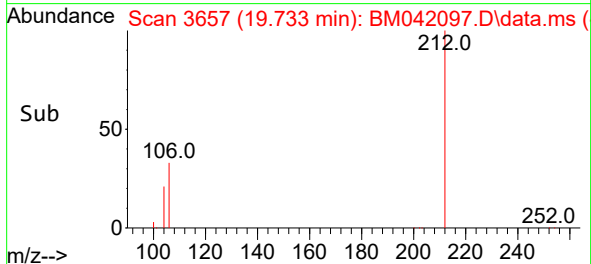
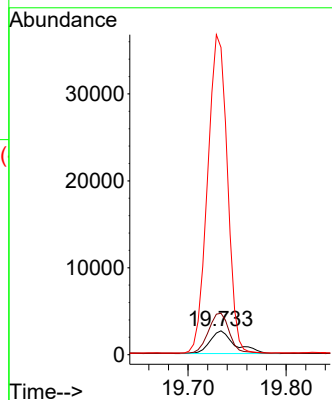
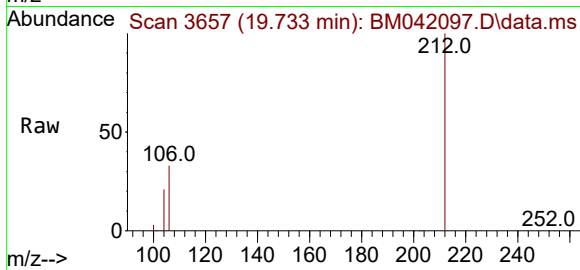
Tgt Ion:202 Resp: 4562

Ion Ratio Lower Upper

202 100

101 173.1 14.1 21.1#

100 1284.3 11.4 17.0#



#26

Benzo(a)pyrene

Concen: 0.153 ng/ul

RT: 23.766 min Scan# 4939

Delta R.T. -0.061 min

Lab File: BM042097.D

Acq: 27 Sep 2023 23:13

Tgt Ion:252 Resp: 7223

Ion Ratio Lower Upper

252 100

253 44.3 23.2 34.8#

125 48.9 22.5 33.7#

