

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
 Data File : BM042093.D
 Acq On : 27 Sep 2023 20:48
 Operator : MA/JU
 Sample : 04450-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

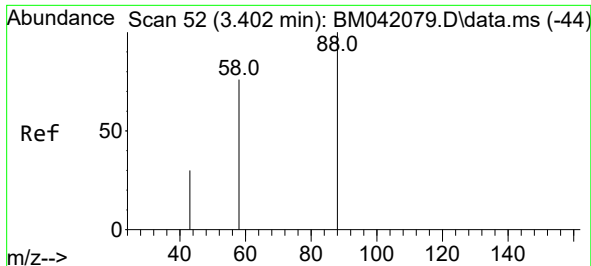
Instrument :
 BNA_M
 ClientSampleId :
 BBHR0

Quant Time: Sep 28 01:03:59 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)

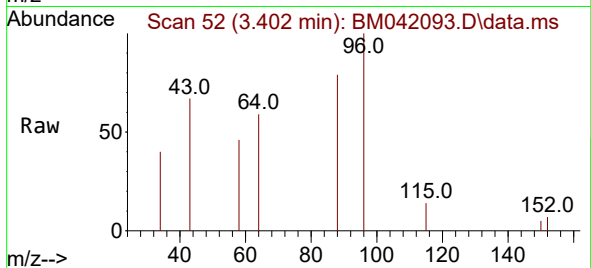
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	4377	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.757	136	11616	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.587	164	6225	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.341	188	12780	0.400	ng/ul	-0.01
17) Chrysene-d12	21.515	240	6894	0.400	ng/ul	0.00
23) Perylene-d12	23.921	264	7578	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	28620	4.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	5519	0.379	ng/ul	-0.02
18) Fluoranthene-d10	19.361	212	11751	0.414	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	1151	0.183	ng/ul#	72
5) Naphthalene	10.806	128	9060	0.233	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	3746	0.161	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	1845	0.078	ng/ul	99
15) Phenanthrene	17.383	178	1317	0.022	ng/ul#	80
20) Pyrene	19.733	202	3510	0.046	ng/ul#	1
26) Benzo(a)pyrene	23.769	252	5891	0.123	ng/ul#	67

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

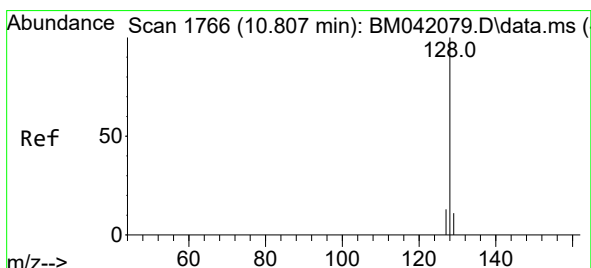
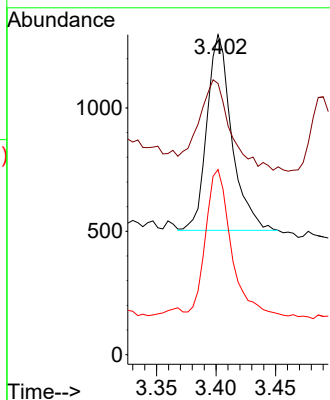
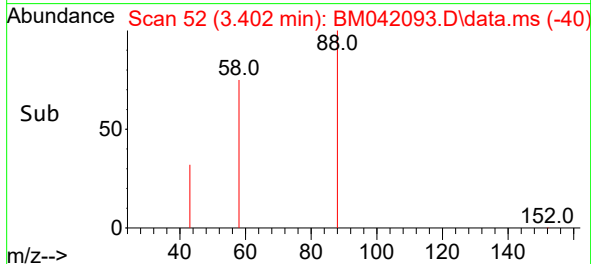


#2
1,4-Dioxane
Concen: 0.183 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042093.D
Acq: 27 Sep 2023 20:48

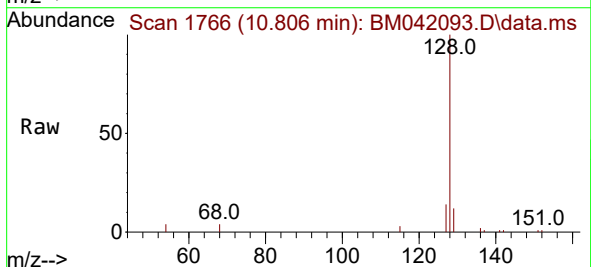
Instrument :
BNA_M
ClientSampleId :
BBHR0



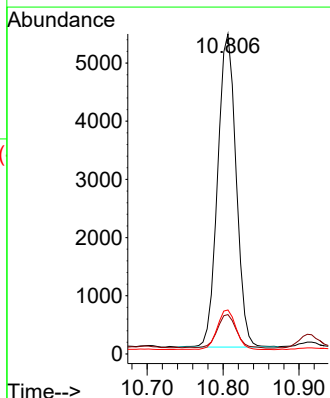
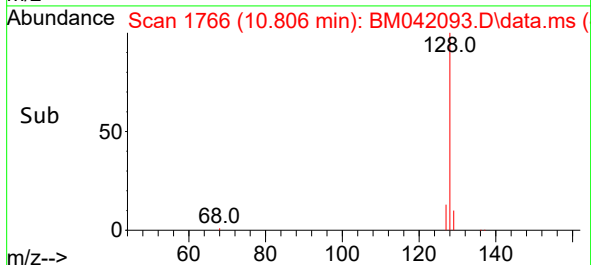
Tgt Ion: 88 Resp: 1151
Ion Ratio Lower Upper
88 100
43 84.7 42.9 64.3#
58 57.8 56.4 84.6

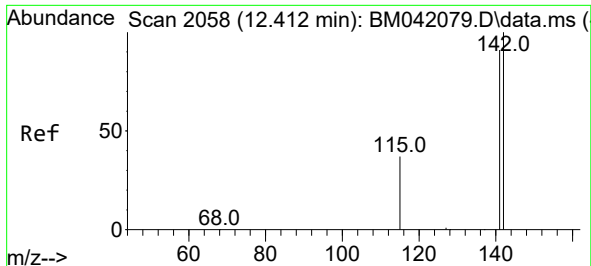


#5
Naphthalene
Concen: 0.233 ng/ul
RT: 10.806 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042093.D
Acq: 27 Sep 2023 20:48



Tgt Ion: 128 Resp: 9060
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 13.8 10.8 16.2

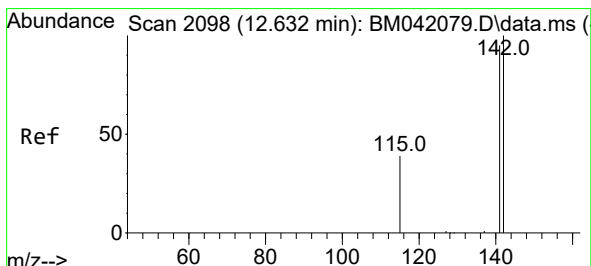
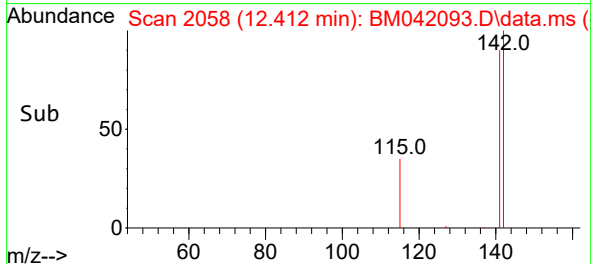
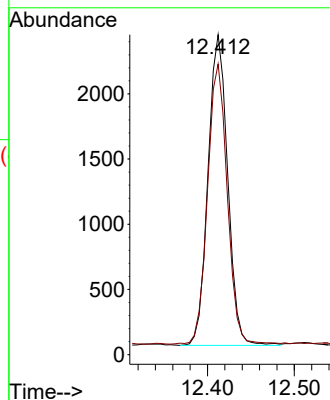
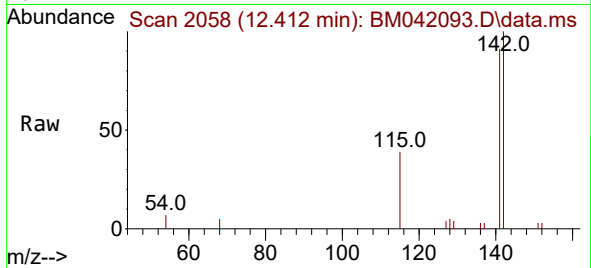




#7
2-Methylnaphthalene
Concen: 0.161 ng/ul
RT: 12.412 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM042093.D
Acq: 27 Sep 2023 20:48

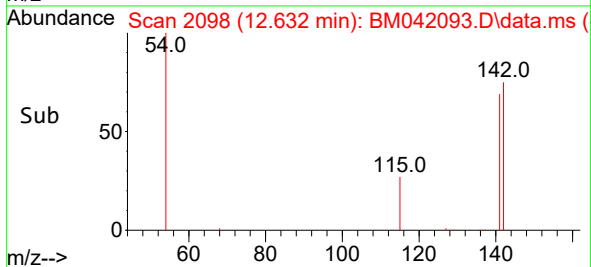
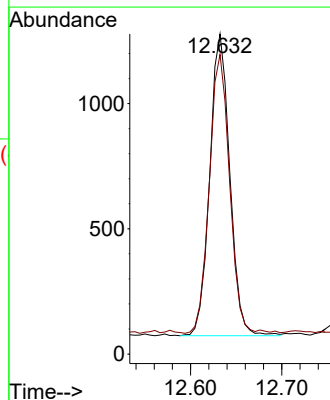
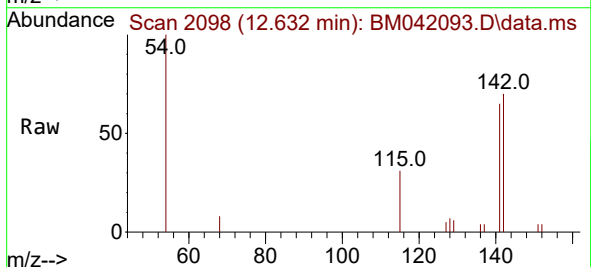
Instrument :
BNA_M
ClientSampleId :
BBHR0

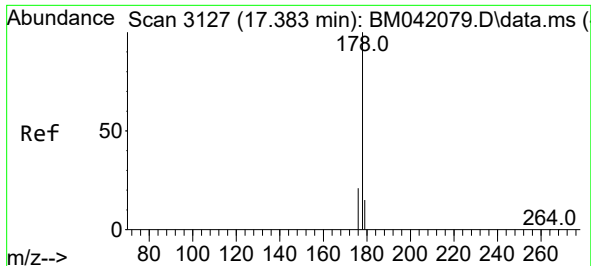
Tgt Ion:142 Resp: 3746
Ion Ratio Lower Upper
142 100
141 90.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BM042093.D
Acq: 27 Sep 2023 20:48

Tgt Ion:142 Resp: 1845
Ion Ratio Lower Upper
142 100
141 93.0 75.1 112.7

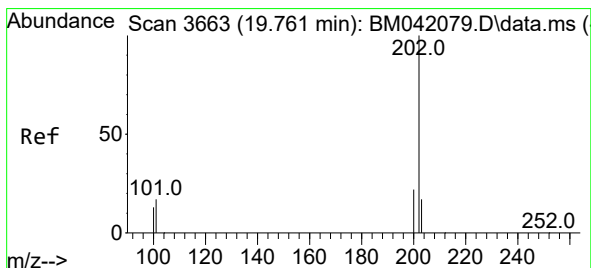
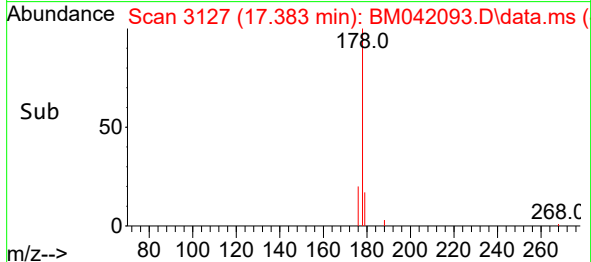
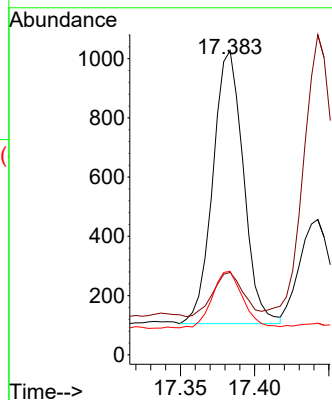
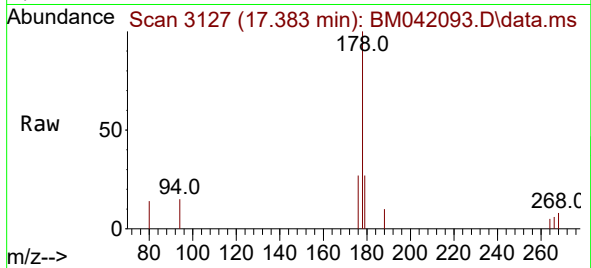




#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.383 min Scan# 3127
Delta R.T. -0.013 min
Lab File: BM042093.D
Acq: 27 Sep 2023 20:48

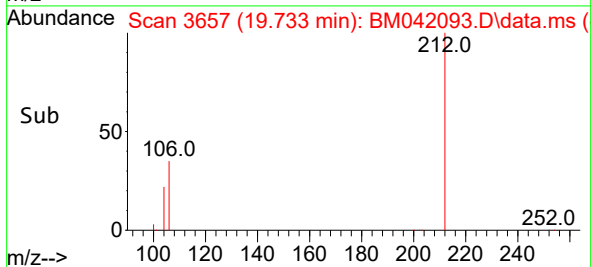
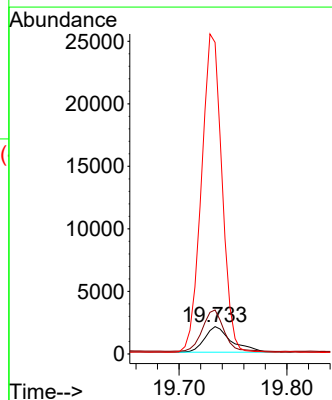
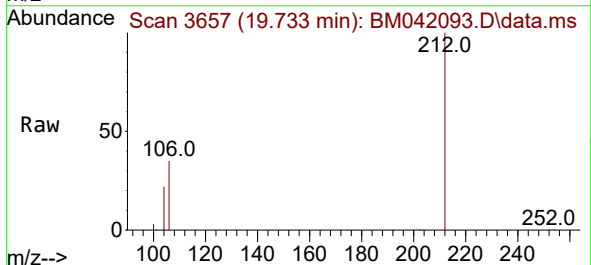
Instrument :
BNA_M
ClientSampleId :
BBHR0

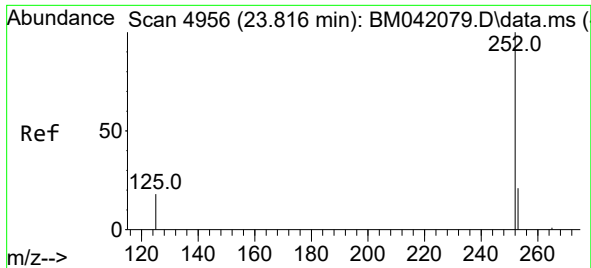
Tgt Ion:178 Resp: 1317
Ion Ratio Lower Upper
178 100
179 27.1 12.7 19.1#
176 27.5 16.6 24.8#



#20
Pyrene
Concen: 0.046 ng/ul
RT: 19.733 min Scan# 3657
Delta R.T. -0.037 min
Lab File: BM042093.D
Acq: 27 Sep 2023 20:48

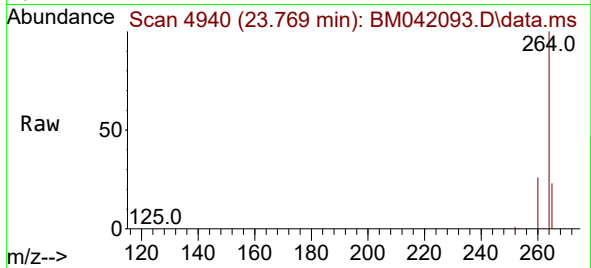
Tgt Ion:202 Resp: 3510
Ion Ratio Lower Upper
202 100
101 160.9 14.1 21.1#
100 1138.7 11.4 17.0#





#26
Benzo(a)pyrene
Concen: 0.123 ng/ul
RT: 23.769 min Scan# 4956
Delta R.T. -0.059 min
Lab File: BM042093.D
Acq: 27 Sep 2023 20:48

Instrument :
BNA_M
ClientSampleId :
BBHR0



Tgt Ion:252 Resp: 5891
Ion Ratio Lower Upper
252 100
253 46.7 23.2 34.8#
125 45.7 22.5 33.7#

