

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037059.D
 Acq On : 14 Oct 2022 18:31
 Operator : CG/JU
 Sample : N5025-01DL 2X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 14 23:04:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

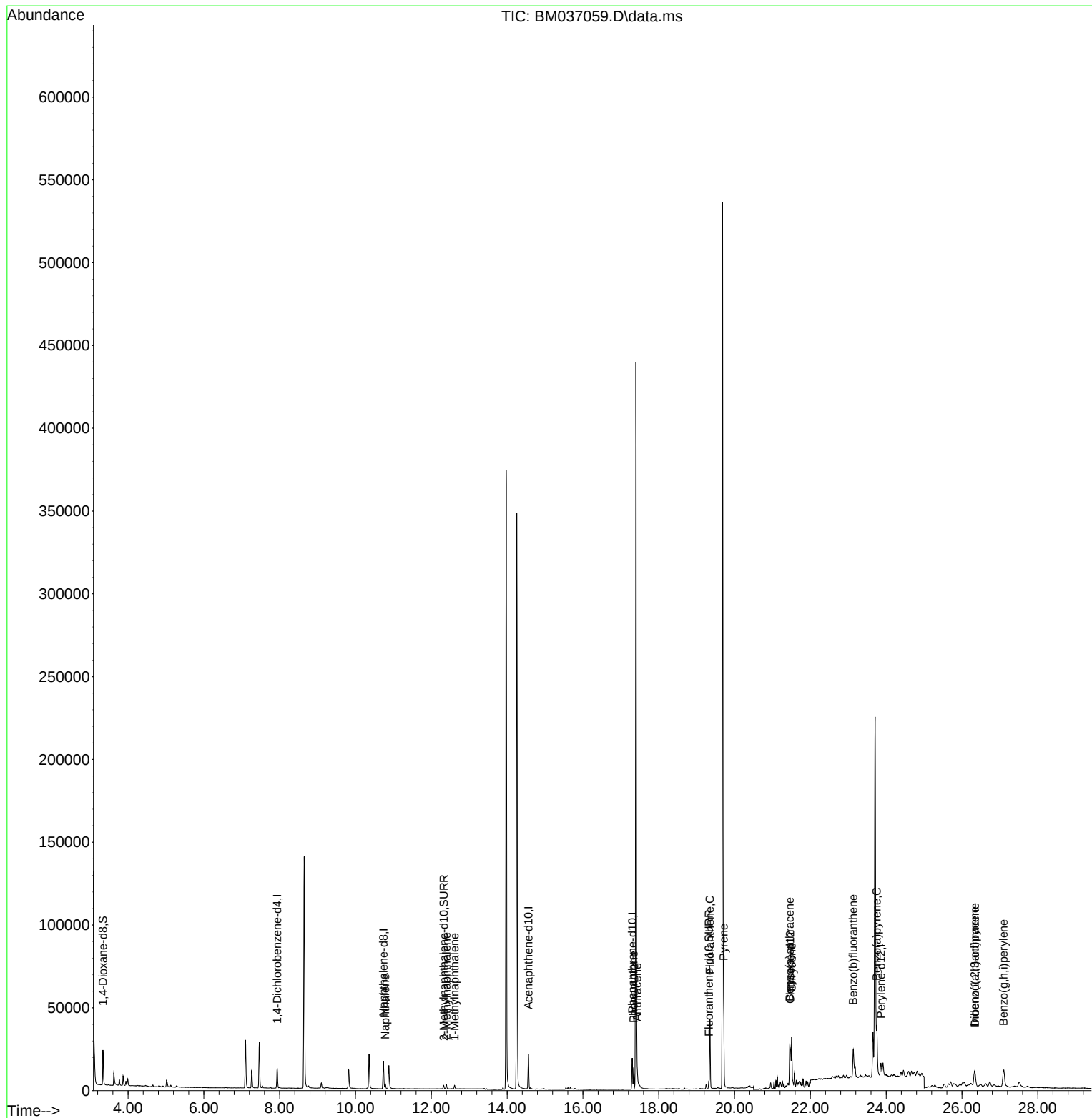
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6150	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	22279	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.562	164	11603	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	22182	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	13494	0.400	ng/ul	0.00
23) Perylene-d12	23.864	264	10105	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	13650	1.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	3113	0.093	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	5004	0.124	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.787	128	3854	0.061	ng/ul	98
7) 2-Methylnaphthalene	12.398	142	2094	0.054	ng/ul	90
8) 1-Methylnaphthalene	12.613	142	1578	0.040	ng/ul	98
15) Phenanthrene	17.339	178	13743	0.194	ng/ul	99
16) Anthracene	17.432	178	2278	0.038	ng/ul#	88
19) Fluoranthene	19.350	202	34696	0.646	ng/ul	99
20) Pyrene	19.713	202	36195	0.647	ng/ul	100
21) Benzo(a)anthracene	21.455	228	19147	0.393	ng/ul#	87
22) Chrysene	21.508	228	32913	0.629	ng/ul#	94
24) Benzo(b)fluoranthene	23.133	252	27190	0.602	ng/ul	96
26) Benzo(a)pyrene	23.752	252	39759	1.086	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.335	276	13077	0.252	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.342	278	7048	0.168	ng/ul#	58
29) Benzo(g,h,i)perylene	27.097	276	24079	0.527	ng/ul	97

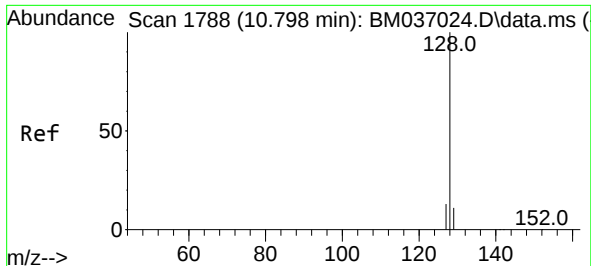
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037059.D
Acq On : 14 Oct 2022 18:31
Operator : CG/JU
Sample : N5025-01DL 2X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 14 23:04:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 07:11:07 2022
Response via : Initial Calibration

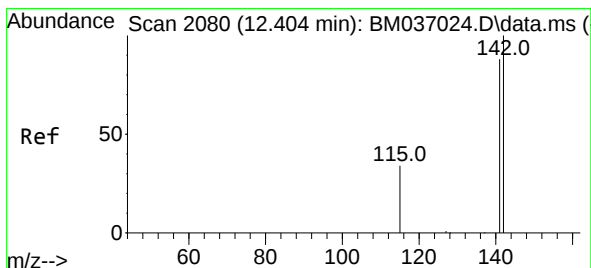
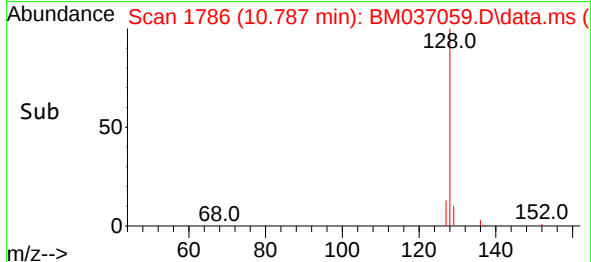
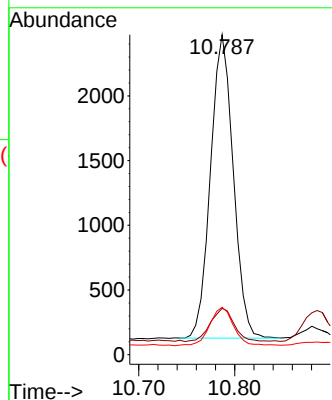
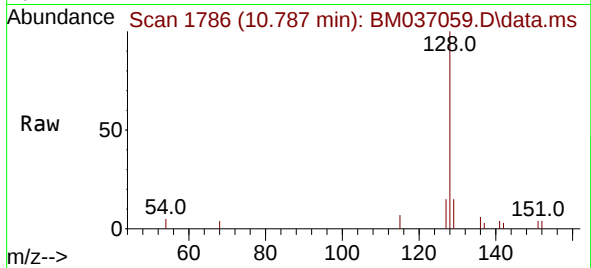




#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.787 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

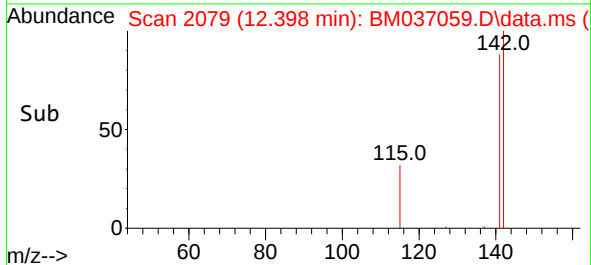
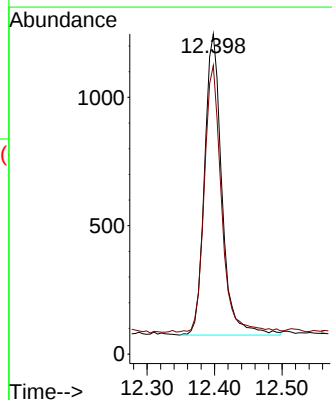
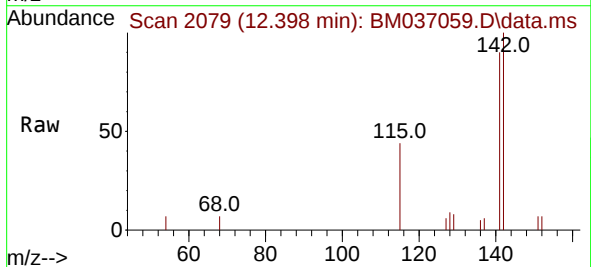
Instrument :
BNA_M
ClientSampleId :

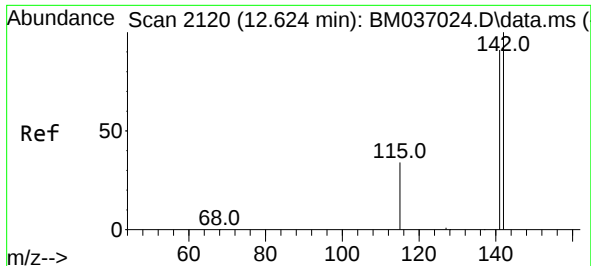
Tgt Ion:128 Resp: 3854
Ion Ratio Lower Upper
128 100
129 14.5 10.2 15.2
127 14.8 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

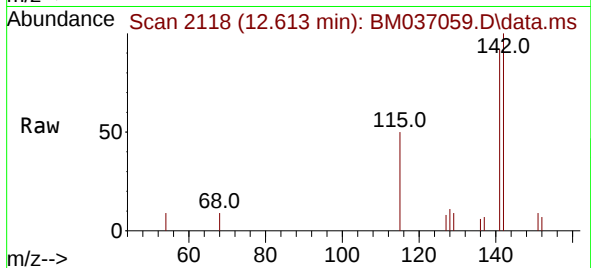
Tgt Ion:142 Resp: 2094
Ion Ratio Lower Upper
142 100
141 86.9 77.4 116.0



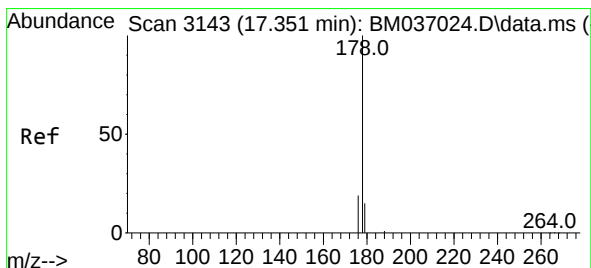
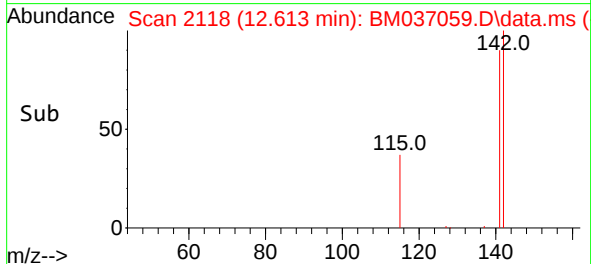
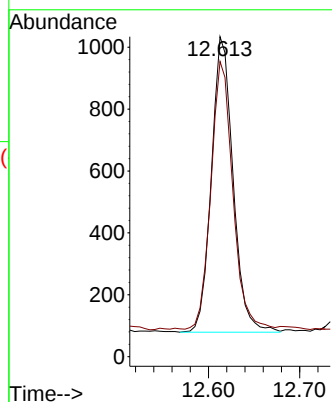


#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

Instrument :
BNA_M
ClientSampleId :

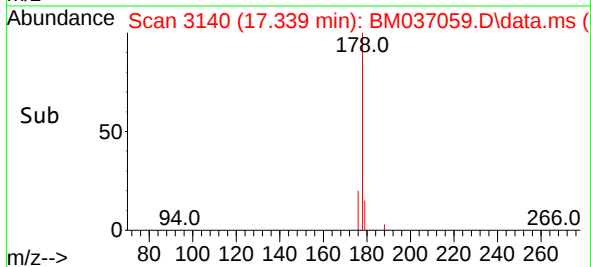
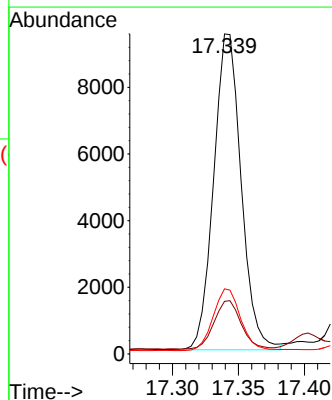
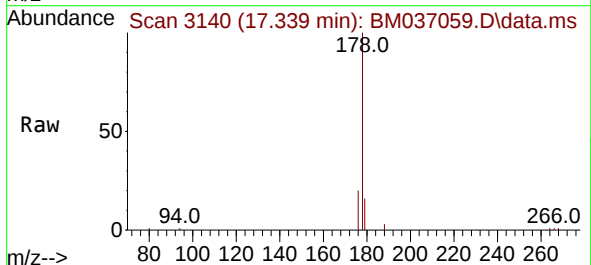


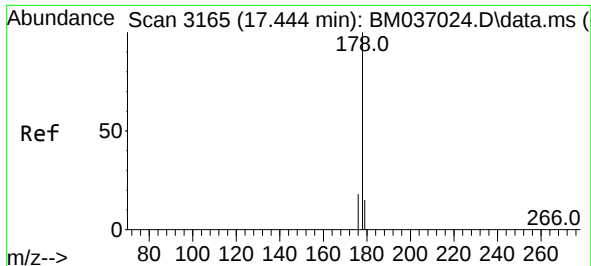
Tgt Ion:142 Resp: 1578
Ion Ratio Lower Upper
142 100
141 91.0 74.1 111.1



#15
Phenanthrene
Concen: 0.194 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

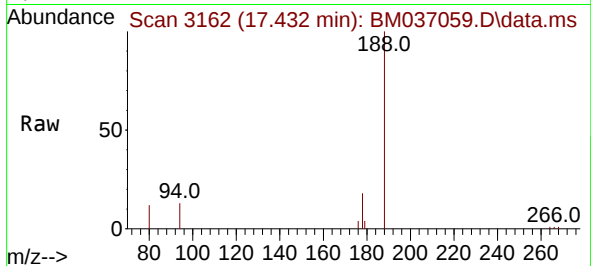
Tgt Ion:178 Resp: 13743
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 20.3 15.6 23.4



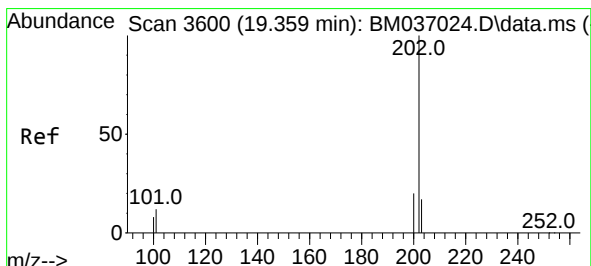
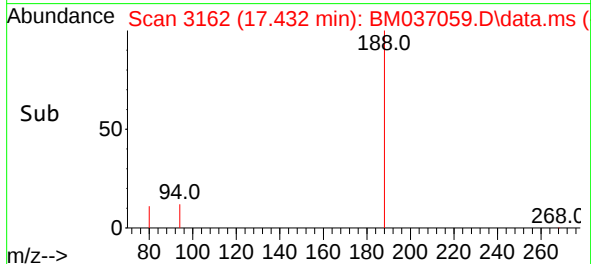
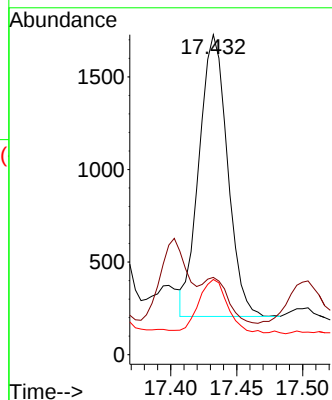


#16
 Anthracene
 Concen: 0.038 ng/ul
 RT: 17.432 min Scan# 3162
 Delta R.T. -0.004 min
 Lab File: BM037059.D
 Acq: 14 Oct 2022 18:31

Instrument :
 BNA_M
 ClientSampleId :

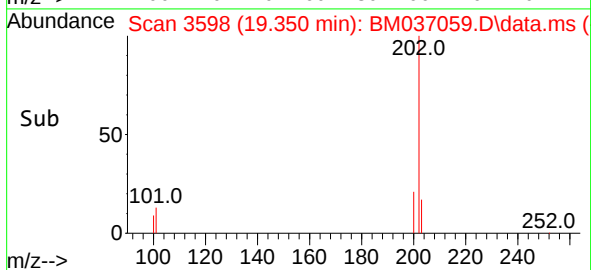
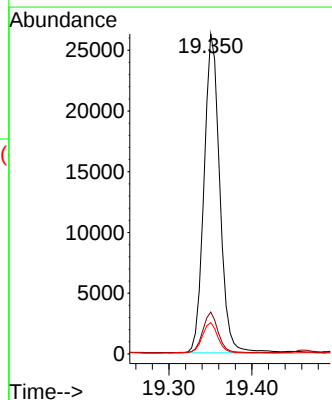
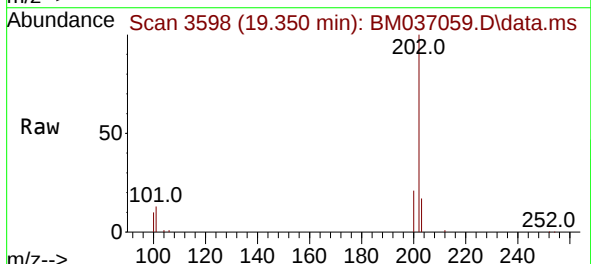


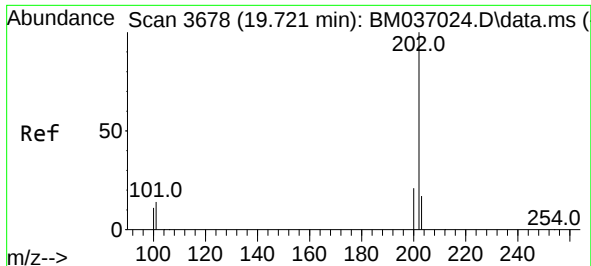
Tgt Ion:178 Resp: 2278
 Ion Ratio Lower Upper
 178 100
 179 24.1 13.6 20.4#
 176 23.5 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.646 ng/ul
 RT: 19.350 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM037059.D
 Acq: 14 Oct 2022 18:31

Tgt Ion:202 Resp: 34696
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.1 15.1
 100 9.8 7.9 11.9

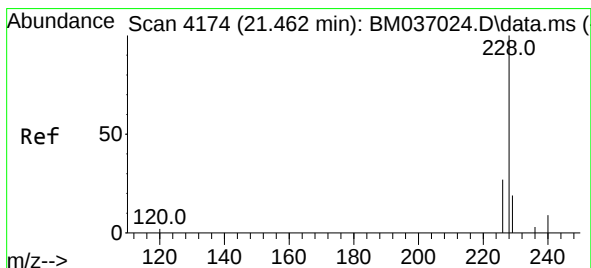
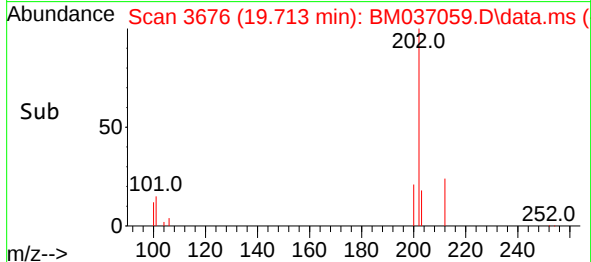
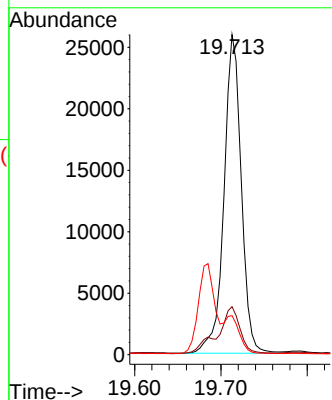
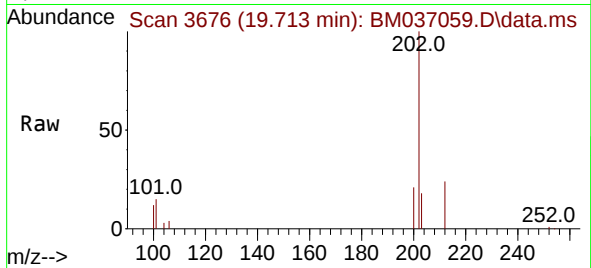




#20
Pyrene
Concen: 0.647 ng/ul
RT: 19.713 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

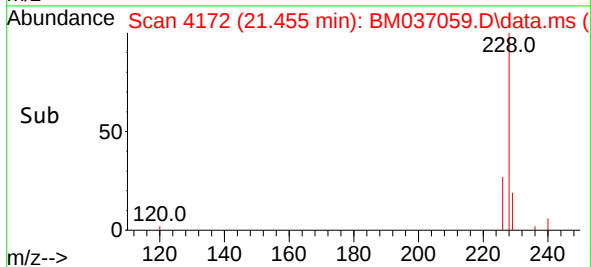
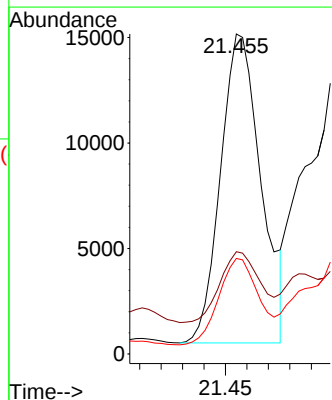
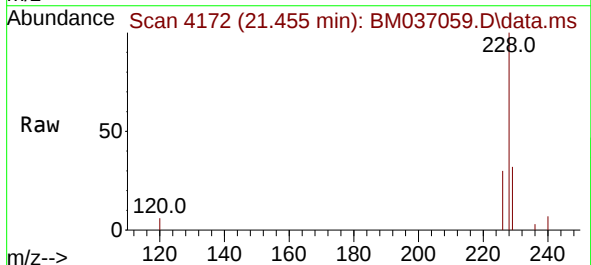
Instrument :
BNA_M
ClientSampleId :

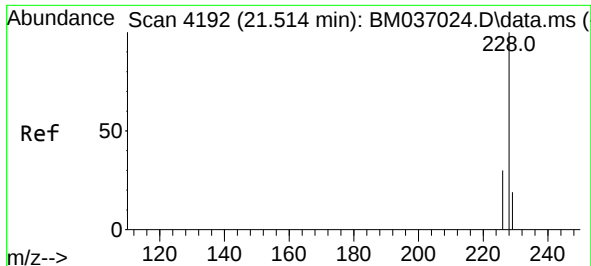
Tgt Ion:202 Resp: 36195
Ion Ratio Lower Upper
202 100
101 15.0 12.0 18.0
100 12.2 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

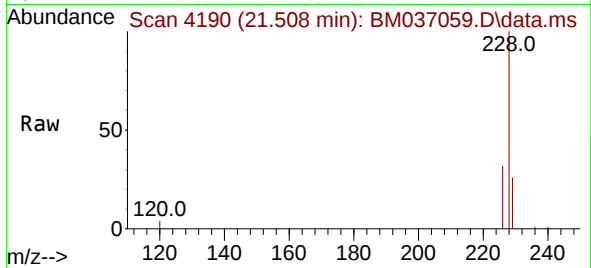
Tgt Ion:228 Resp: 19147
Ion Ratio Lower Upper
228 100
229 31.9 16.2 24.2#
226 29.9 22.5 33.7



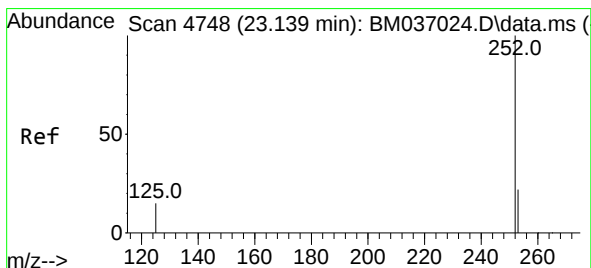
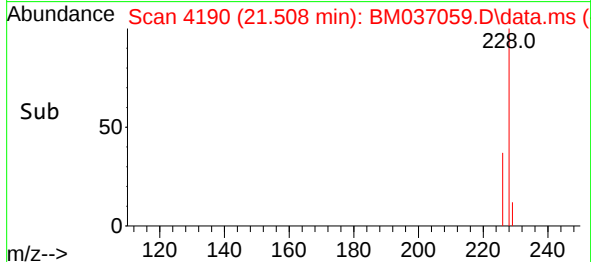
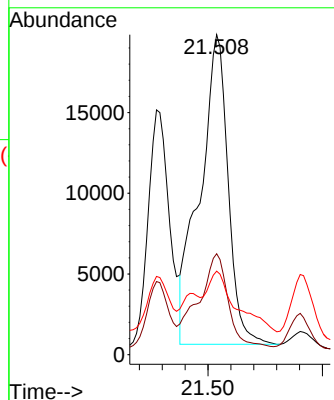


#22
Chrysene
Concen: 0.629 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

Instrument :
BNA_M
ClientSampleId :

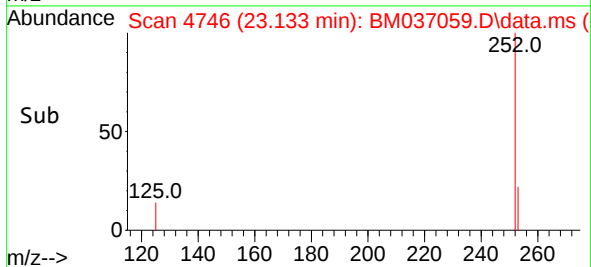
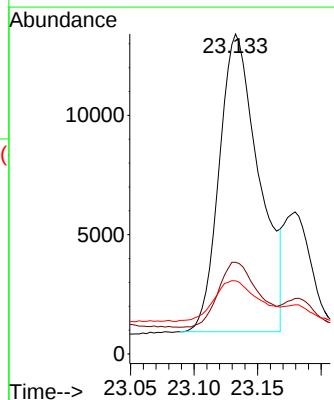
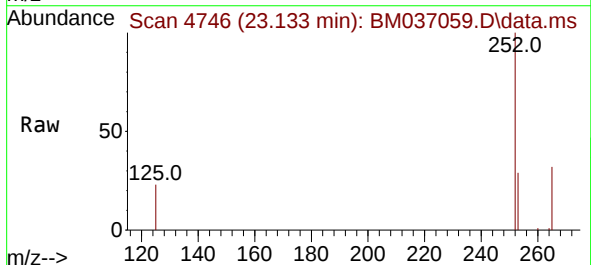


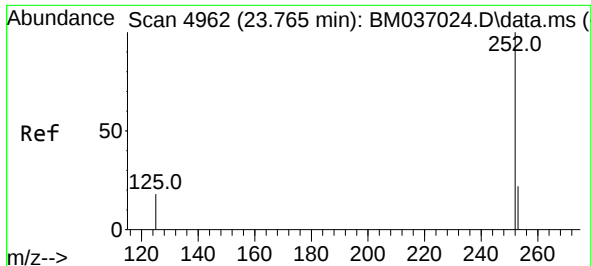
Tgt Ion:228 Resp: 32913
Ion Ratio Lower Upper
228 100
226 31.6 24.6 37.0
229 26.1 16.4 24.6#



#24
Benzo(b)fluoranthene
Concen: 0.602 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

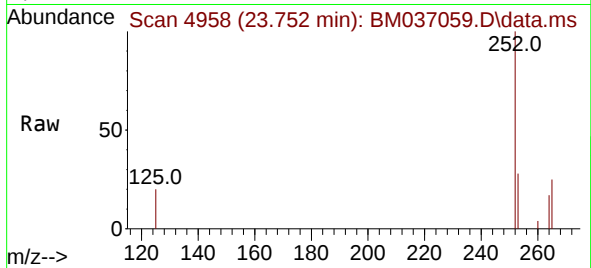
Tgt Ion:252 Resp: 27190
Ion Ratio Lower Upper
252 100
253 28.6 0.0 61.4
125 22.9 0.0 42.6



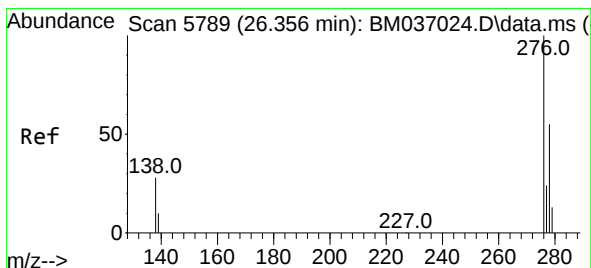
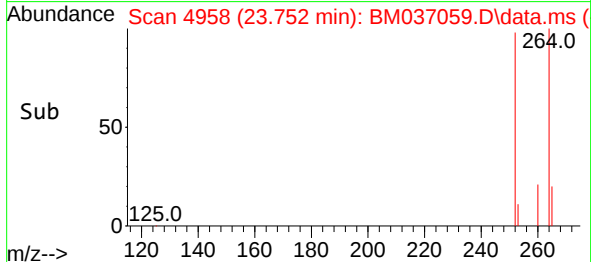
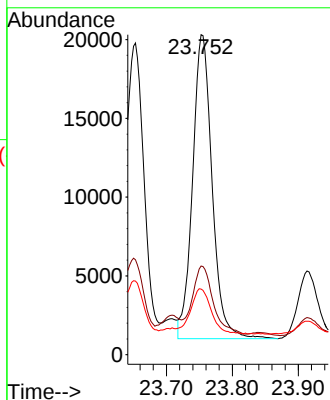


#26
Benzo(a)pyrene
Concen: 1.086 ng/ul
RT: 23.752 min Scan# 4962
Delta R.T. -0.006 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

Instrument :
BNA_M
ClientSampleId :

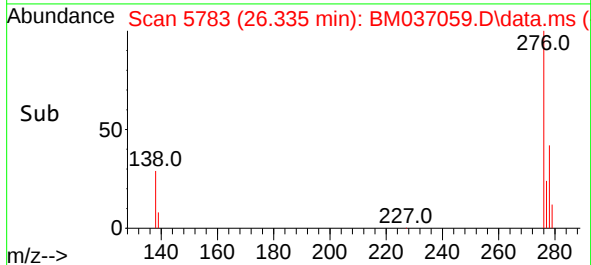
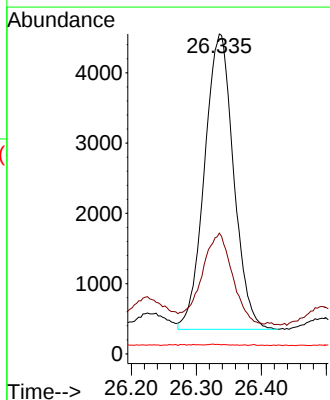
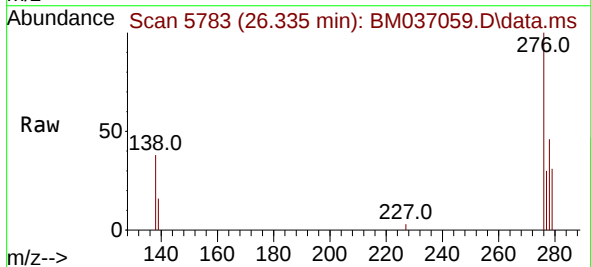


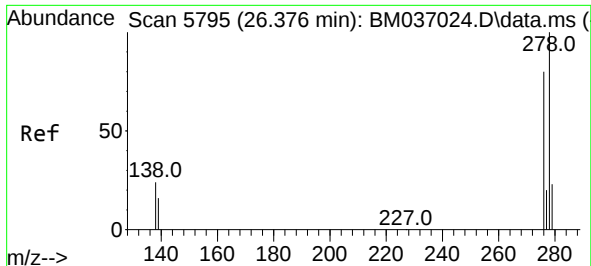
Tgt Ion:252 Resp: 39759
Ion Ratio Lower Upper
252 100
253 27.7 29.7 44.5#
125 20.5 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul
RT: 26.335 min Scan# 5783
Delta R.T. -0.007 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

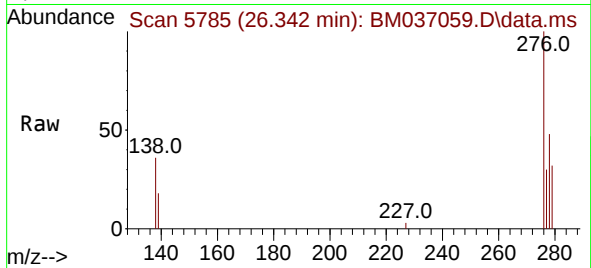
Tgt Ion:276 Resp: 13077
Ion Ratio Lower Upper
276 100
138 32.0 23.9 35.9
227 0.2 0.1 0.1#



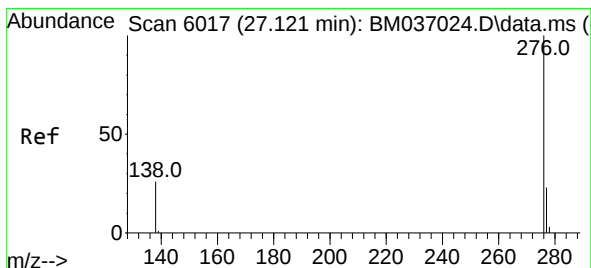
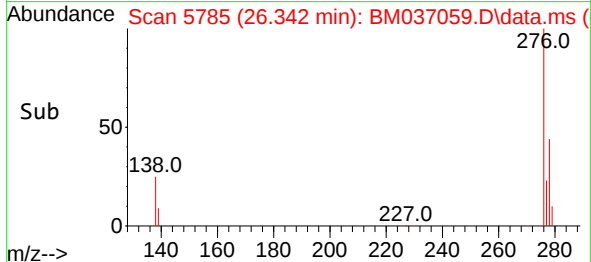
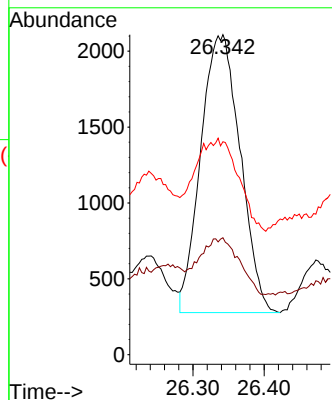


#28
 Dibenzo(a,h)anthracene
 Concen: 0.168 ng/ul
 RT: 26.342 min Scan# 5795
 Delta R.T. -0.020 min
 Lab File: BM037059.D
 Acq: 14 Oct 2022 18:31

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 7048
 Ion Ratio Lower Upper
 278 100
 139 36.6 19.8 29.6#
 279 66.6 27.7 41.5#



#29
 Benzo(g,h,i)perylene
 Concen: 0.527 ng/ul
 RT: 27.097 min Scan# 6010
 Delta R.T. -0.010 min
 Lab File: BM037059.D
 Acq: 14 Oct 2022 18:31

Tgt Ion:276 Resp: 24079
 Ion Ratio Lower Upper
 276 100
 138 31.4 23.4 35.0
 277 26.9 21.0 31.4

