

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038236.D
 Acq On : 23 Dec 2022 17:18
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 23:23:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

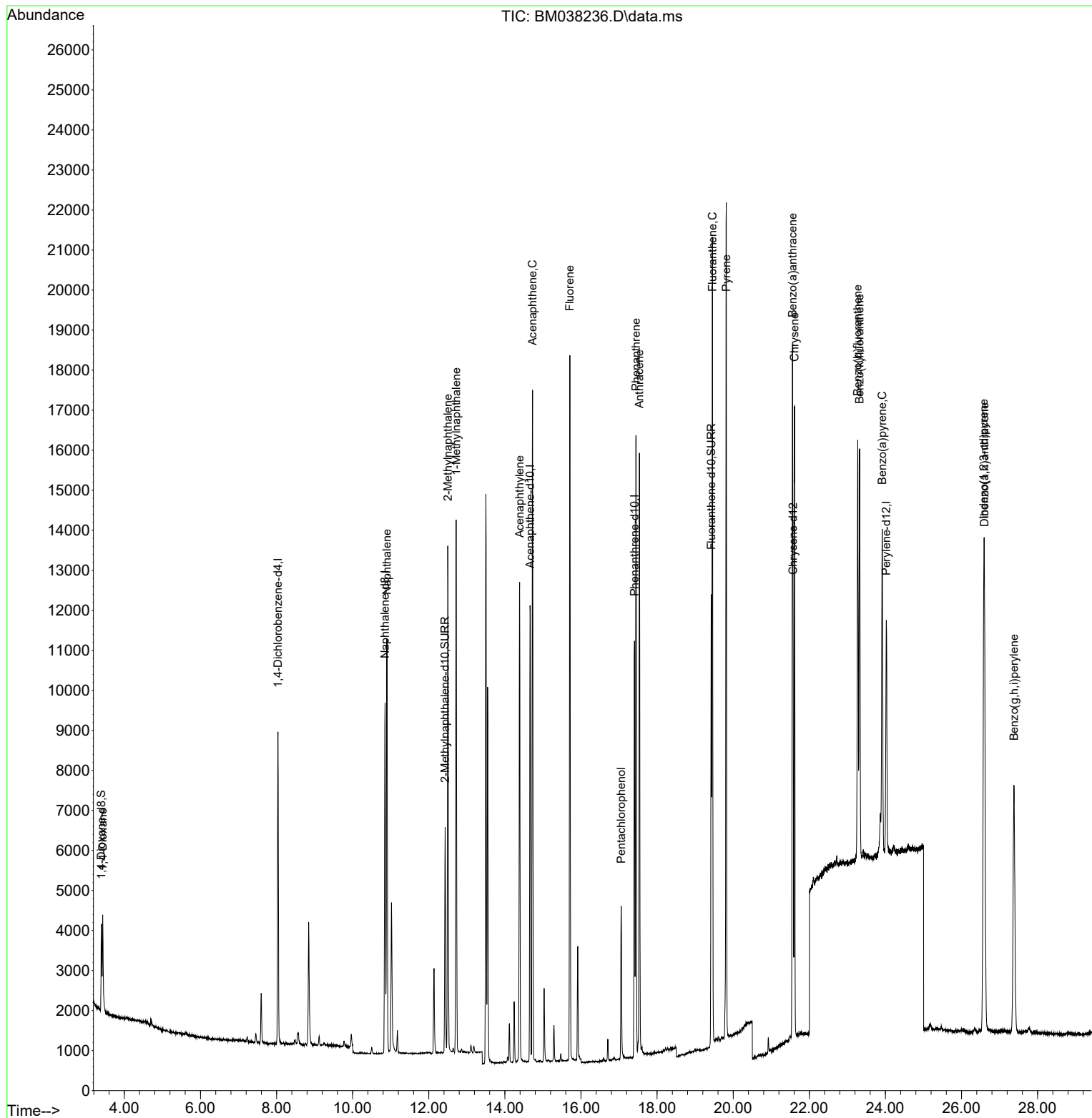
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4061	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	11753	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6157	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	12306	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	7600	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	8148	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	1686	0.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	7026	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	11876	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	1475	0.364	ng/ul#	84
5) Naphthalene	10.900	128	13691	0.398	ng/ul	99
7) 2-Methylnaphthalene	12.500	142	8685	0.405	ng/ul	100
8) 1-Methylnaphthalene	12.720	142	8870	0.405	ng/ul	99
10) Acenaphthylene	14.388	152	13651	0.402	ng/ul	99
11) Acenaphthene	14.726	153	9654	0.398	ng/ul	99
12) Fluorene	15.707	166	10626	0.404	ng/ul	98
14) Pentachlorophenol	17.054	266	2649	0.432	ng/ul	99
15) Phenanthrene	17.447	178	15945	0.387	ng/ul	100
16) Anthracene	17.535	178	15663	0.396	ng/ul	99
19) Fluoranthene	19.454	202	17232	0.414	ng/ul	99
20) Pyrene	19.817	202	17379	0.413	ng/ul	97
21) Benzo(a)anthracene	21.556	228	13971	0.419	ng/ul	98
22) Chrysene	21.612	228	13369	0.412	ng/ul	99
24) Benzo(b)fluoranthene	23.272	252	13792	0.382	ng/ul	95
25) Benzo(k)fluoranthene	23.322	252	13709	0.396	ng/ul	95
26) Benzo(a)pyrene	23.915	252	12217	0.388	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.585	276	16367	0.375	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.602	278	12704	0.375	ng/ul	97
29) Benzo(g,h,i)perylene	27.377	276	13564	0.369	ng/ul	100

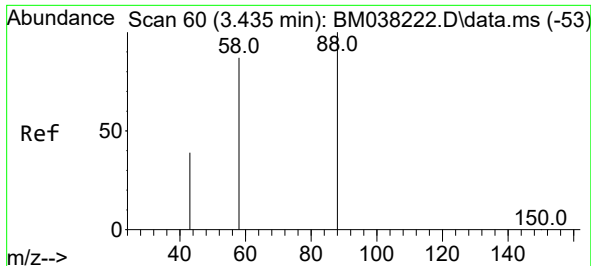
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

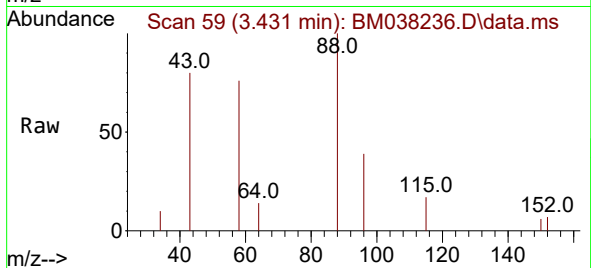
Quant Time: Dec 23 23:23:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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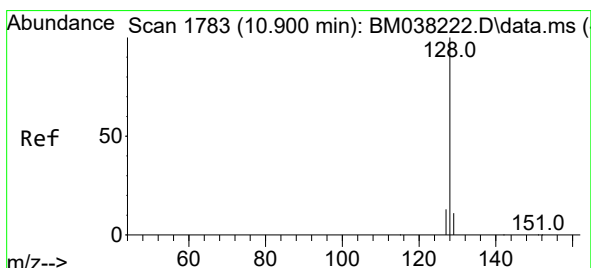
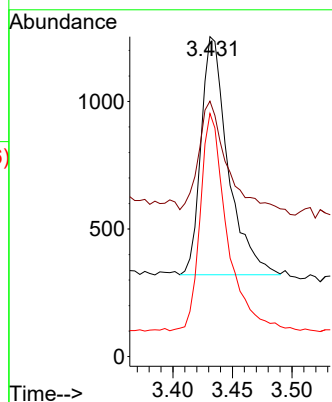
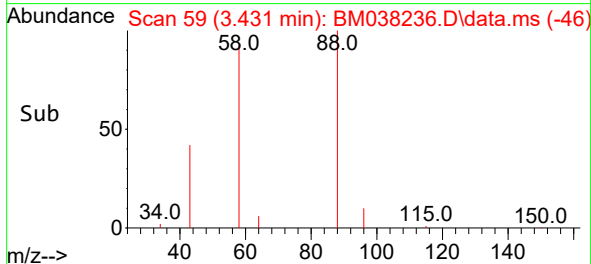


#2
1,4-Dioxane
Concen: 0.364 ng/ul
RT: 3.431 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

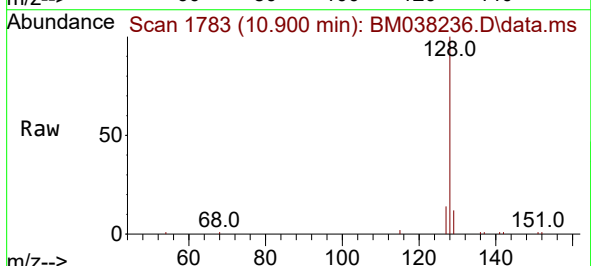
Instrument :
BNA_M
ClientSampleId :



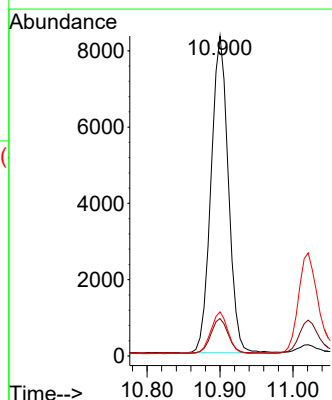
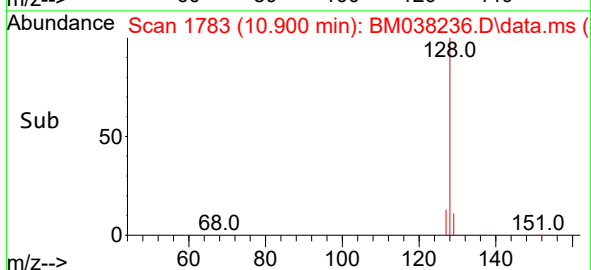
Tgt Ion: 88 Resp: 1475
Ion Ratio Lower Upper
88 100
43 79.8 46.4 69.6#
58 76.0 56.9 85.3

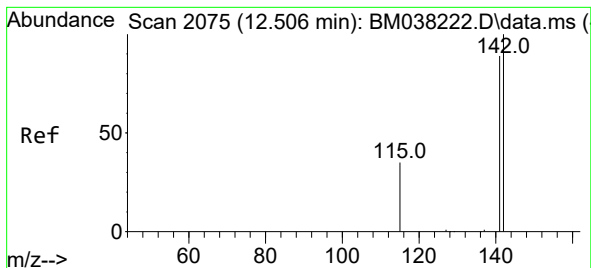


#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18



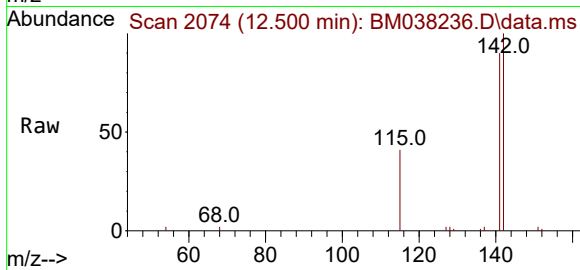
Tgt Ion: 128 Resp: 13691
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.8 10.7 16.1



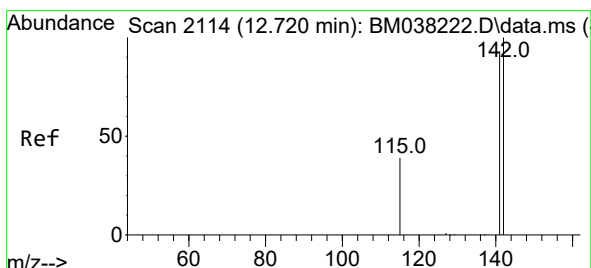
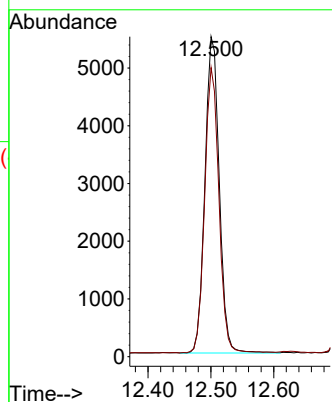
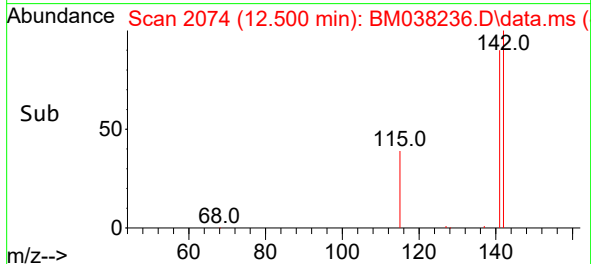


#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

Instrument :
BNA_M
ClientSampleId :

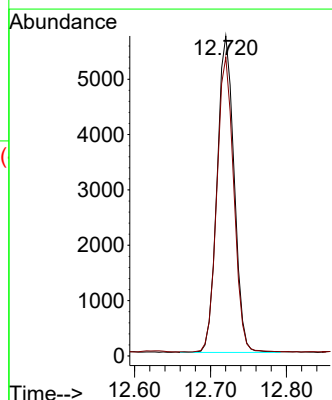
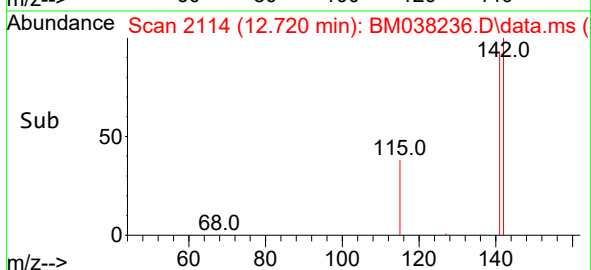
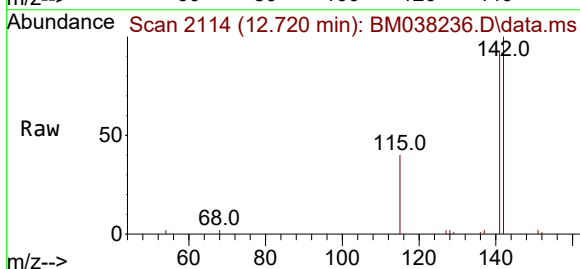


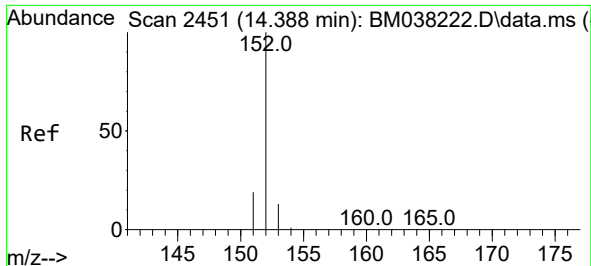
Tgt Ion:142 Resp: 8685
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

Tgt Ion:142 Resp: 8870
Ion Ratio Lower Upper
142 100
141 92.7 74.7 112.1

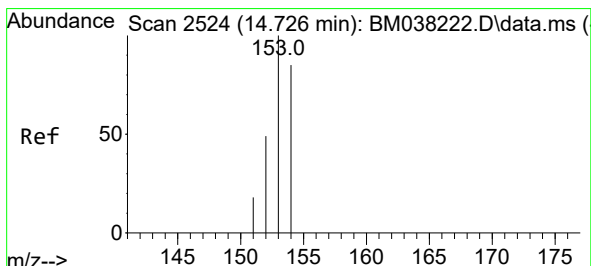
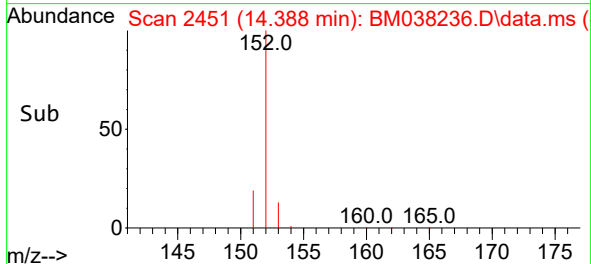
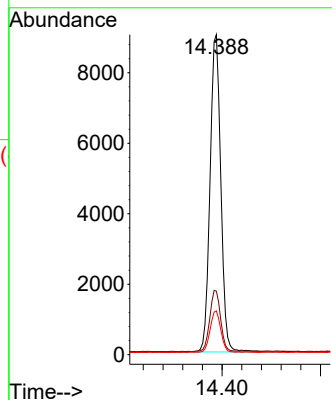
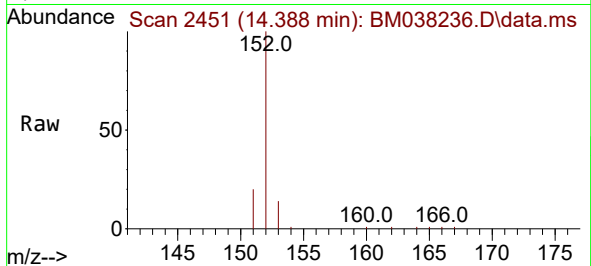




#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

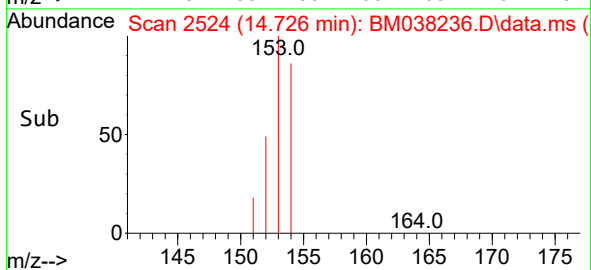
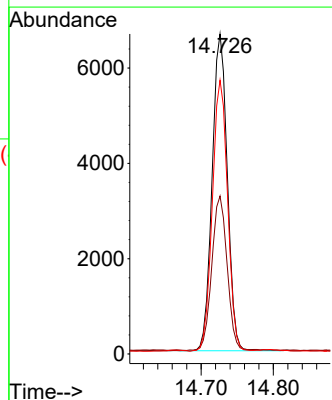
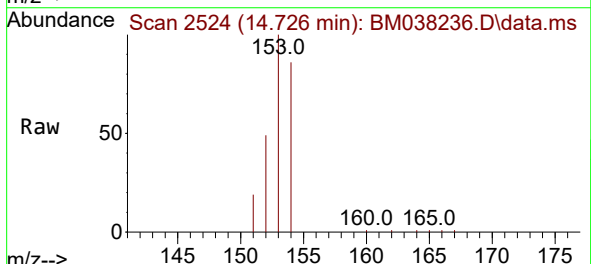
Instrument :
BNA_M
ClientSampleId :

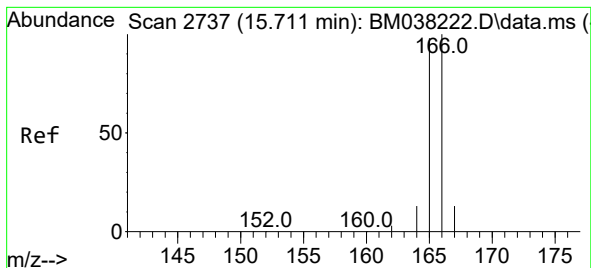
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.7	10.7	16.1



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.4	39.4	59.0
154	85.6	69.0	103.4





#12

Fluorene

Concen: 0.404 ng/ul

RT: 15.707 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM038236.D

Acq: 23 Dec 2022 17:18

Instrument :

BNA_M

ClientSampleId :

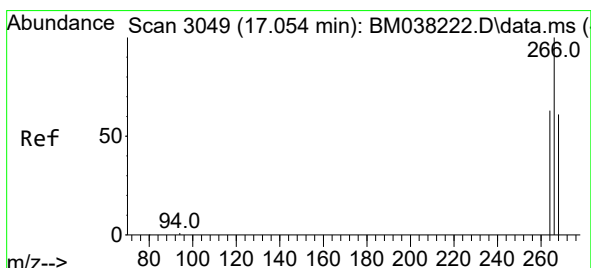
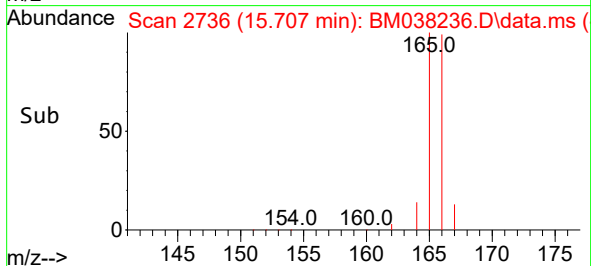
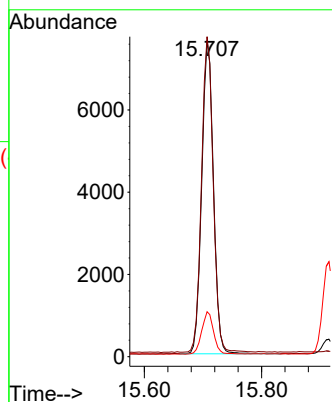
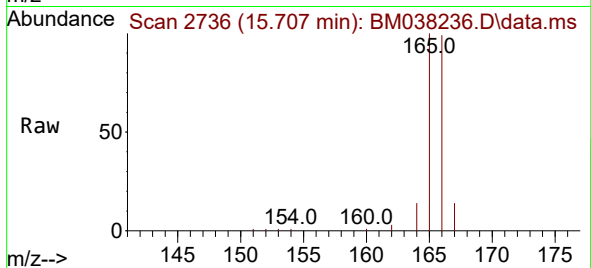
Tgt Ion:166 Resp: 10626

Ion Ratio Lower Upper

166 100

165 101.2 79.0 118.6

167 14.2 11.0 16.6



#14

Pentachlorophenol

Concen: 0.432 ng/ul

RT: 17.054 min Scan# 3049

Delta R.T. -0.004 min

Lab File: BM038236.D

Acq: 23 Dec 2022 17:18

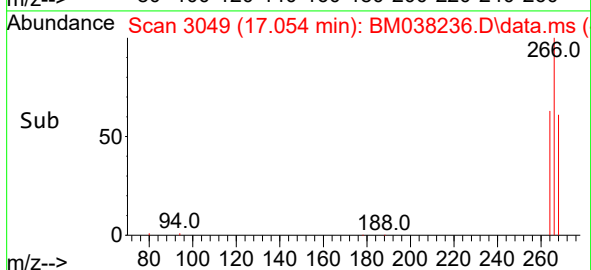
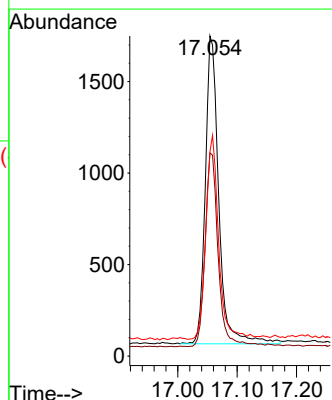
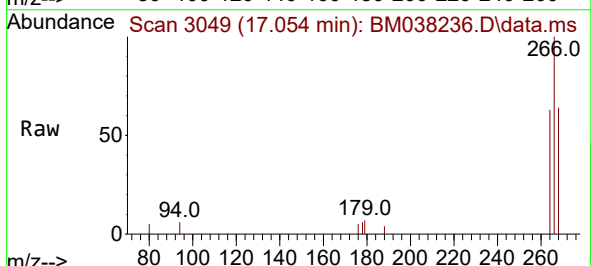
Tgt Ion:266 Resp: 2649

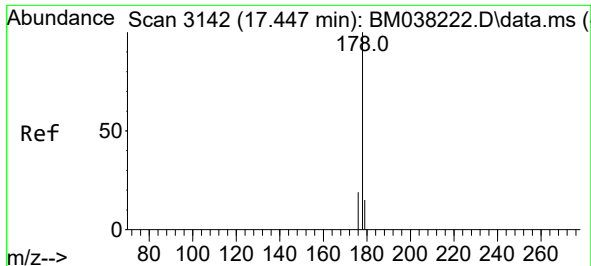
Ion Ratio Lower Upper

266 100

264 61.1 49.9 74.9

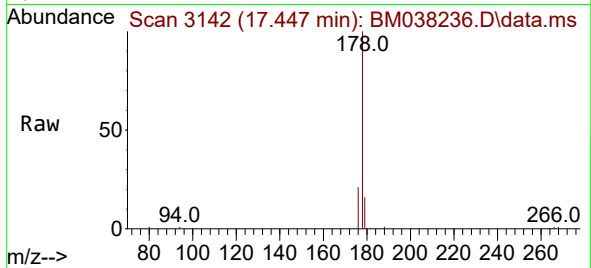
268 63.9 51.2 76.8



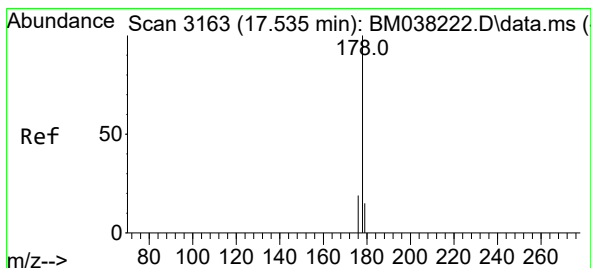
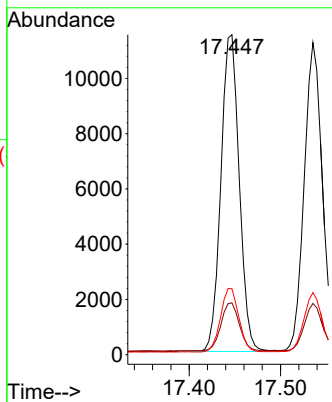
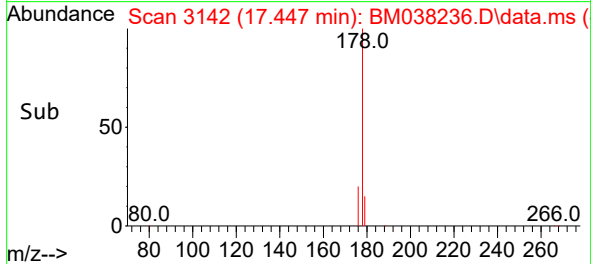


#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

Instrument :
BNA_M
ClientSampleId :

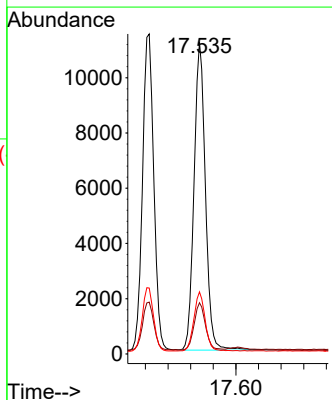
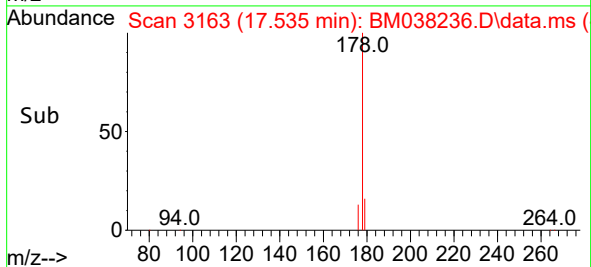
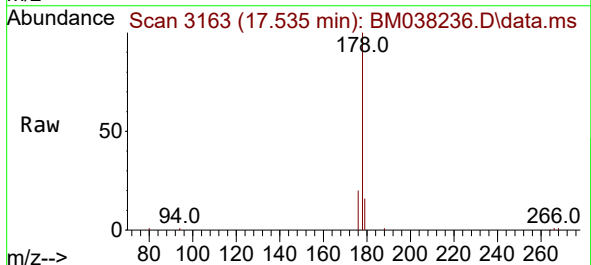


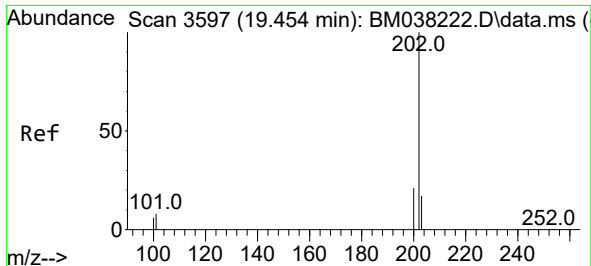
Tgt Ion:178 Resp: 15945
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 20.6 16.2 24.4



#16
Anthracene
Concen: 0.396 ng/ul
RT: 17.535 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

Tgt Ion:178 Resp: 15663
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 19.9 15.6 23.4

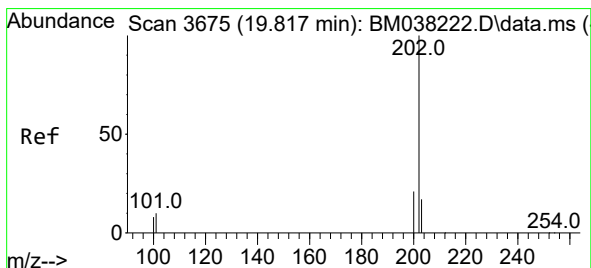
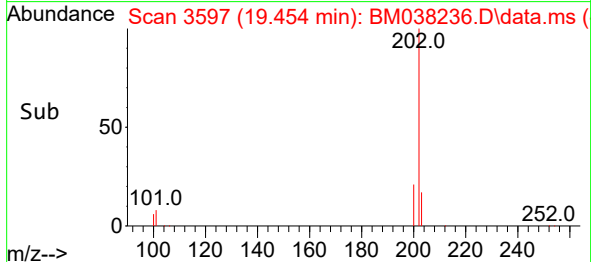
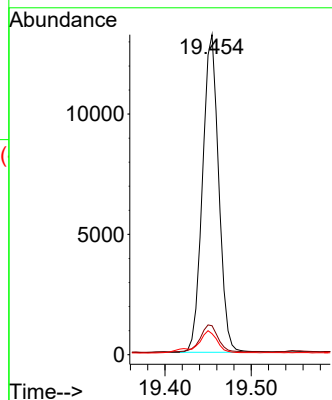
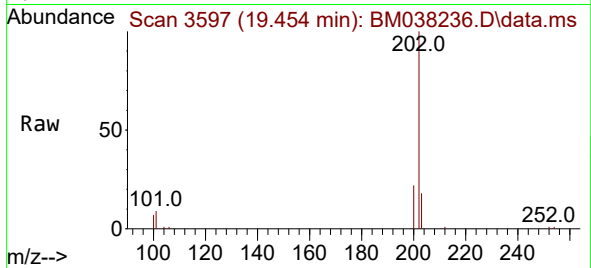




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.454 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

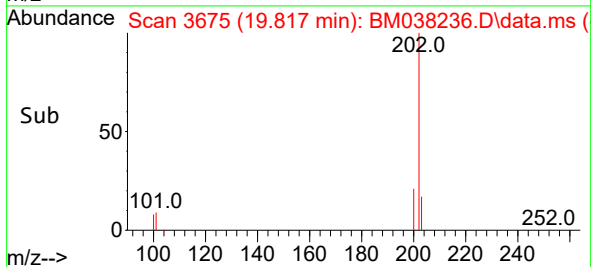
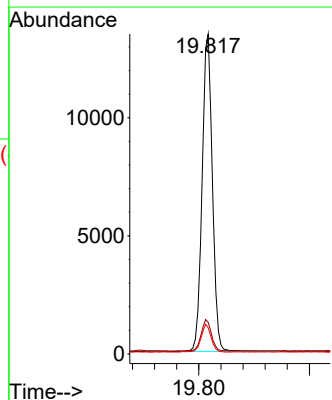
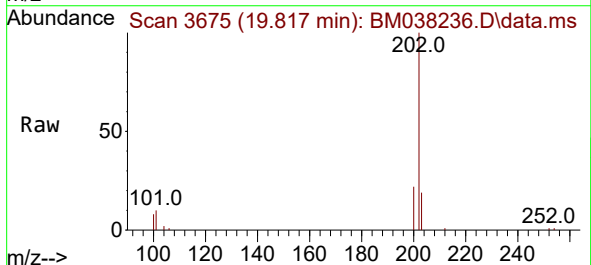
Instrument :
BNA_M
ClientSampleId :

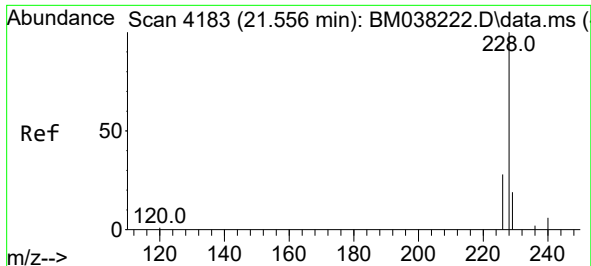
Tgt Ion:202 Resp: 17232
Ion Ratio Lower Upper
202 100
101 9.1 7.5 11.3
100 6.5 5.6 8.4



#20
Pyrene
Concen: 0.413 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

Tgt Ion:202 Resp: 17379
Ion Ratio Lower Upper
202 100
101 9.9 8.9 13.3
100 8.1 7.4 11.0

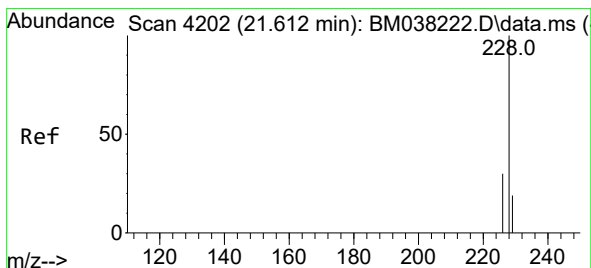
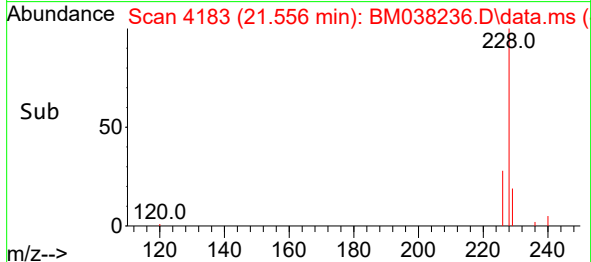
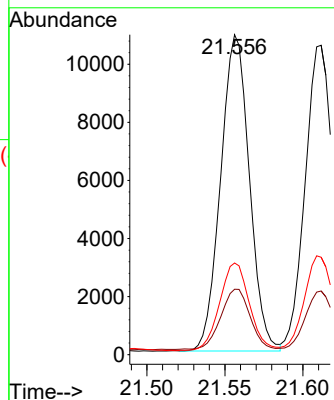
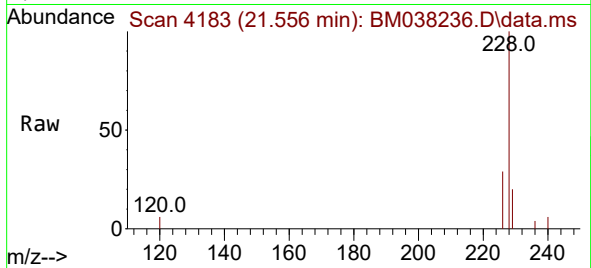




#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

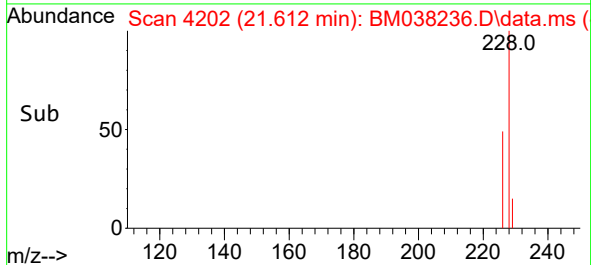
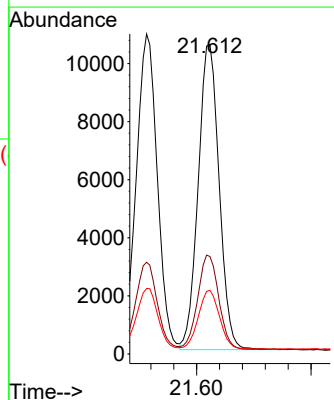
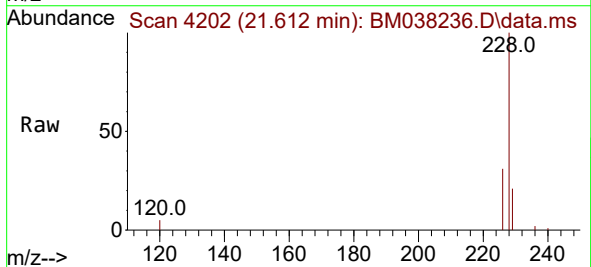
Instrument :
BNA_M
ClientSampleId :

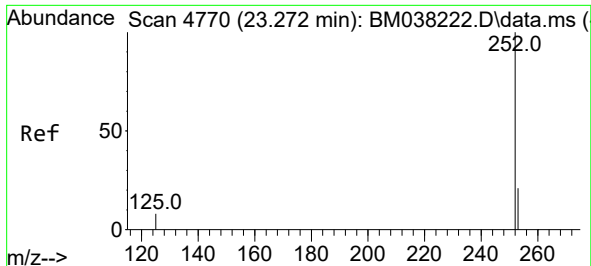
Tgt Ion:228 Resp: 13971
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 28.7 22.2 33.2



#22
Chrysene
Concen: 0.412 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

Tgt Ion:228 Resp: 13369
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.4
229 20.6 16.0 24.0

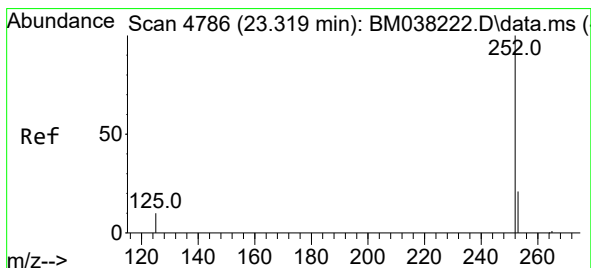
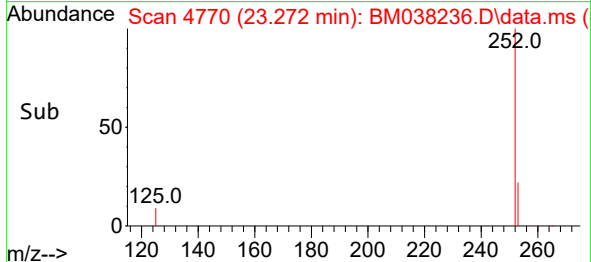
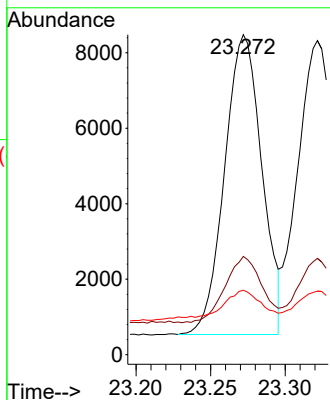
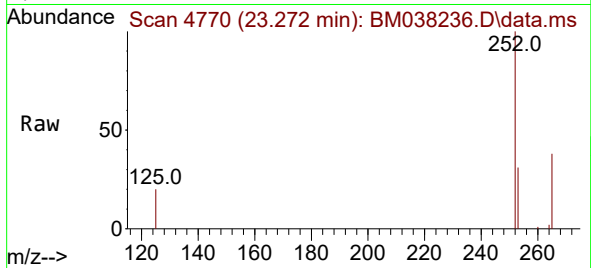




#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.272 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

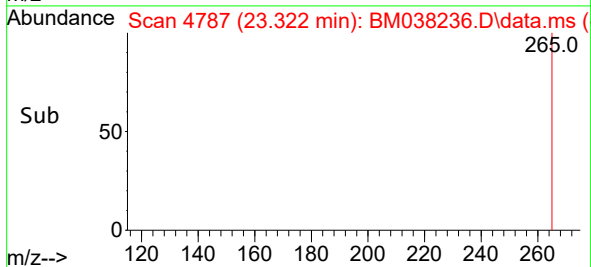
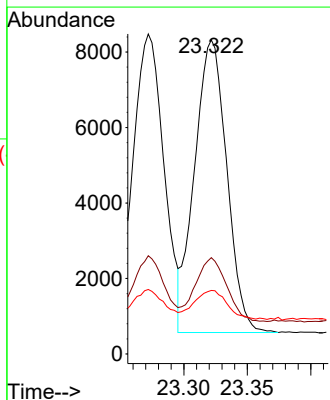
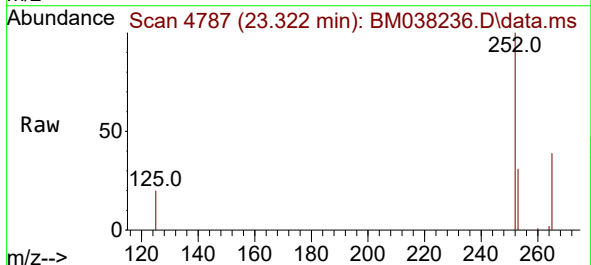
Instrument :
BNA_M
ClientSampleId :

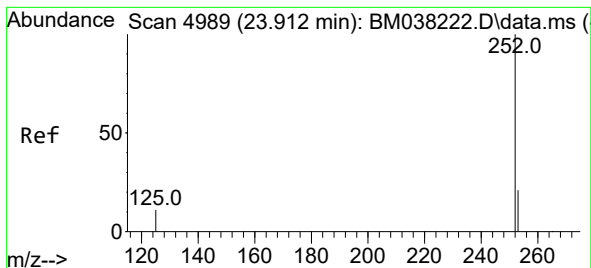
Tgt Ion:252 Resp: 13792
Ion Ratio Lower Upper
252 100
253 30.7 0.0 56.0
125 20.2 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.322 min Scan# 4787
Delta R.T. 0.000 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

Tgt Ion:252 Resp: 13709
Ion Ratio Lower Upper
252 100
253 30.7 22.5 33.7
125 20.2 14.4 21.6





#26

Benzo(a)pyrene

Concen: 0.388 ng/ul

RT: 23.915 min Scan# 4989

Delta R.T. 0.003 min

Lab File: BM038236.D

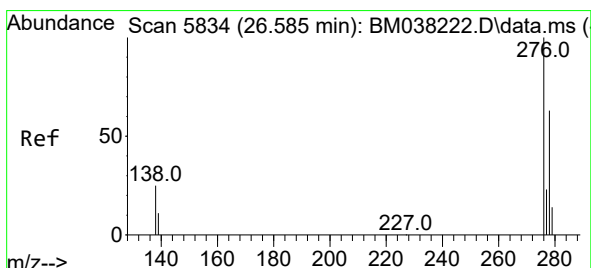
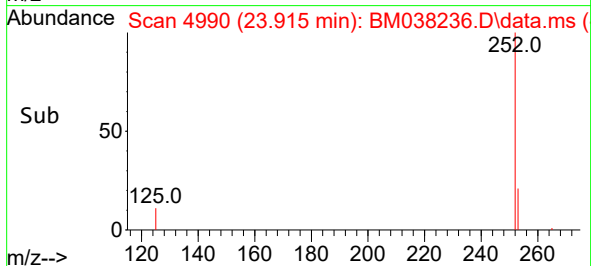
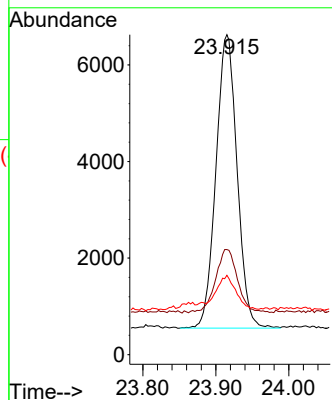
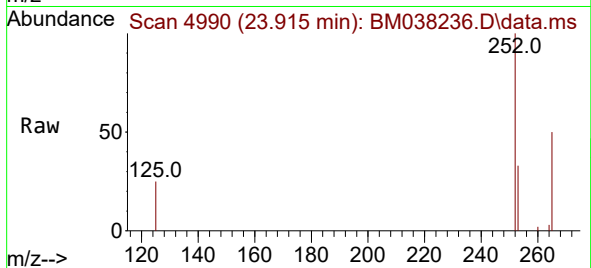
Acq: 23 Dec 2022 17:18

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	252	Resp:	12217
Ion Ratio	Lower	Upper	
252	100		
253	32.9	24.2	36.4
125	24.8	17.3	25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.375 ng/ul

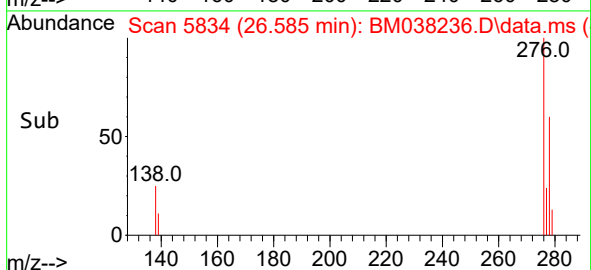
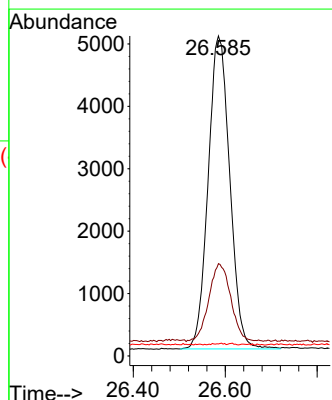
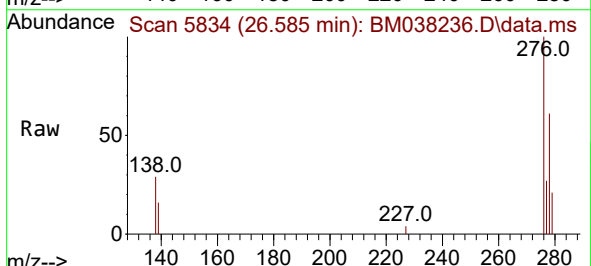
RT: 26.585 min Scan# 5834

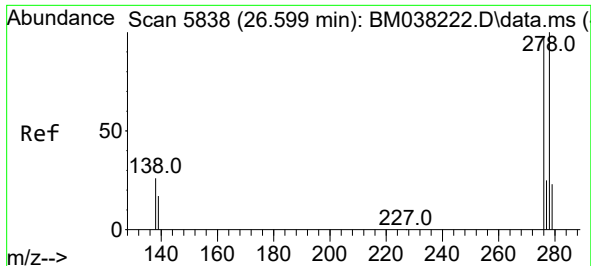
Delta R.T. 0.003 min

Lab File: BM038236.D

Acq: 23 Dec 2022 17:18

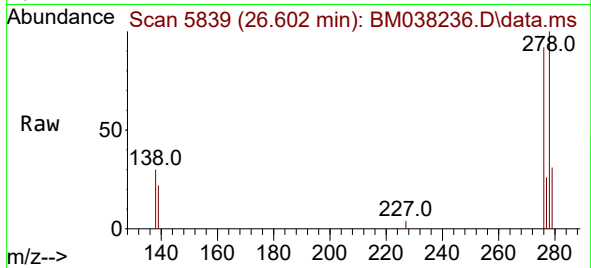
Tgt Ion:	276	Resp:	16367
Ion Ratio	Lower	Upper	
276	100		
138	25.4	21.7	32.5
227	0.1	0.0	0.0#



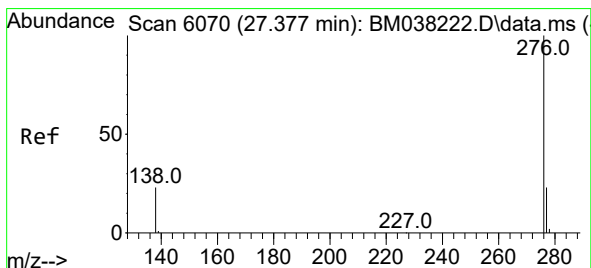
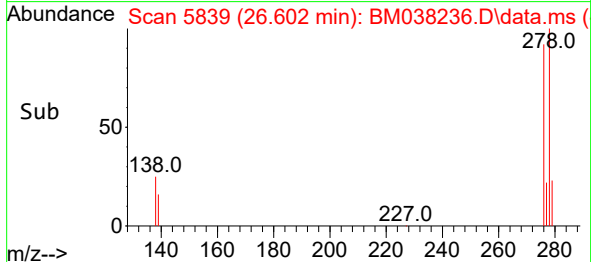
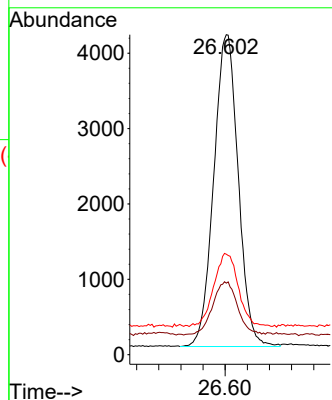


#28
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. 0.007 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 12704
Ion Ratio Lower Upper
278 100
139 22.4 16.8 25.2
279 31.4 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.369 ng/ul
RT: 27.377 min Scan# 6070
Delta R.T. 0.007 min
Lab File: BM038236.D
Acq: 23 Dec 2022 17:18

Tgt Ion:276 Resp: 13564
Ion Ratio Lower Upper
276 100
138 26.3 20.8 31.2
277 25.6 20.5 30.7

