

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041569.D
 Acq On : 29 Aug 2023 23:16
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Quant Time: Aug 30 01:51:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:50:06 2023
 Response via : Initial Calibration

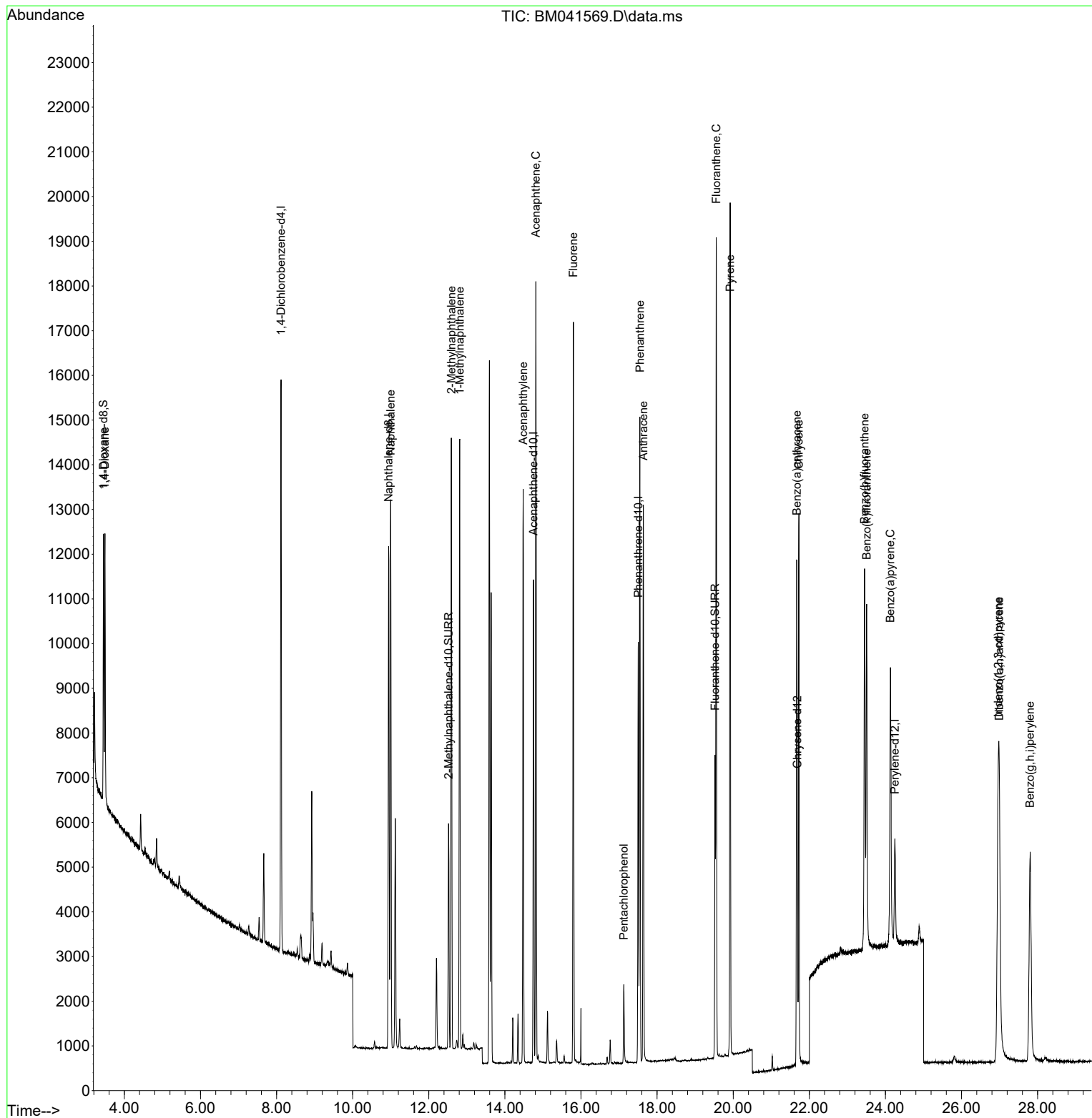
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	6290	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	14192	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	5362	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	9582	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	3002	0.400	ng/ul	0.00
23) Perylene-d12	24.248	264	3371	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	3398	0.366	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	6116	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	5492	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	3592	0.363	ng/ul	92
5) Naphthalene	10.999	128	16506	0.364	ng/ul	100
7) 2-Methylnaphthalene	12.594	142	9215	0.358	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	9235	0.355	ng/ul	99
10) Acenaphthylene	14.481	152	13926	0.373	ng/ul	100
11) Acenaphthene	14.814	153	9492	0.368	ng/ul	98
12) Fluorene	15.799	166	10175	0.363	ng/ul	98
14) Pentachlorophenol	17.126	266	1174	0.319	ng/ul	98
15) Phenanthrene	17.548	178	15150	0.362	ng/ul	99
16) Anthracene	17.637	178	13263	0.365	ng/ul	99
19) Fluoranthene	19.557	202	14999	0.381	ng/ul	100
20) Pyrene	19.919	202	14849	0.375	ng/ul	97
21) Benzo(a)anthracene	21.670	228	9620	0.359	ng/ul	99
22) Chrysene	21.726	228	10625	0.369	ng/ul	99
24) Benzo(b)fluoranthene	23.453	252	11654	0.372	ng/ul	98
25) Benzo(k)fluoranthene	23.506	252	11092	0.373	ng/ul	99
26) Benzo(a)pyrene	24.132	252	10536	0.378	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.964	276	13855	0.372	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.991	278	9157	0.365	ng/ul	99
29) Benzo(g,h,i)perylene	27.803	276	11553	0.370	ng/ul	98

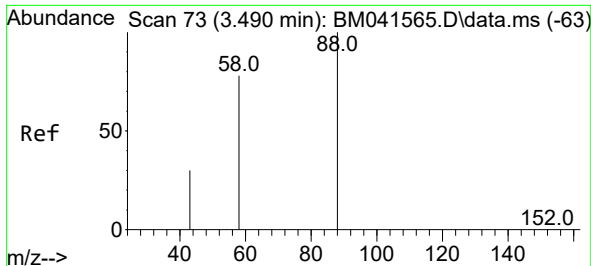
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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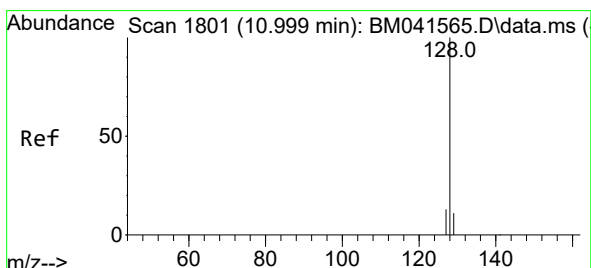
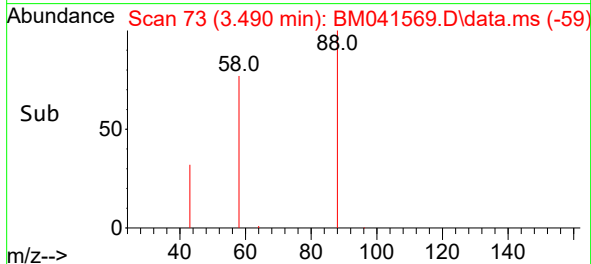
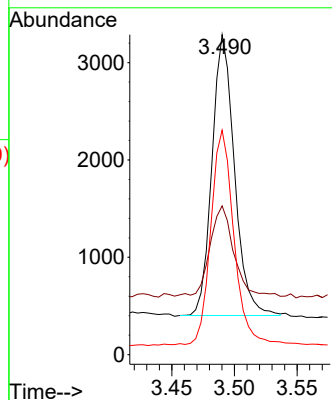
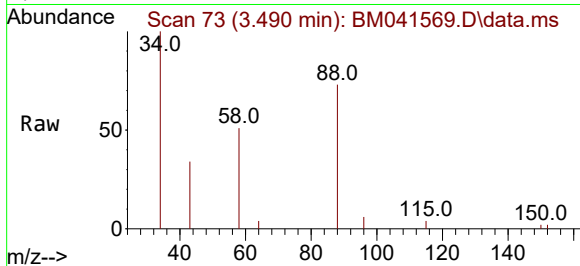




#2
1,4-Dioxane
Concen: 0.363 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

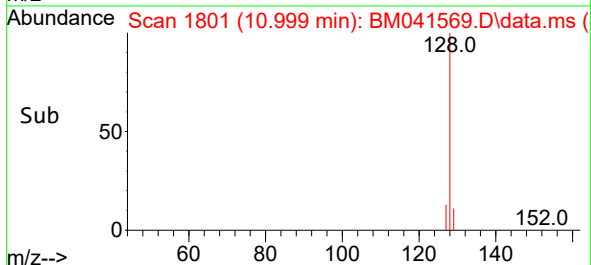
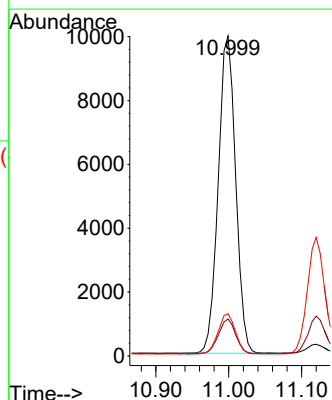
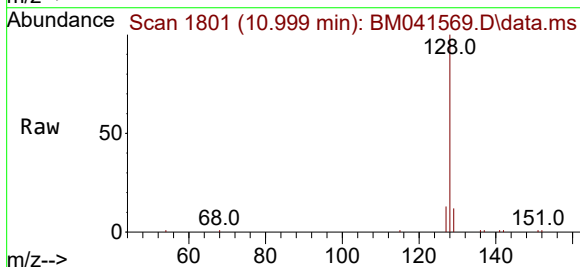
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BNA_M
ClientSampleId :
SICV014

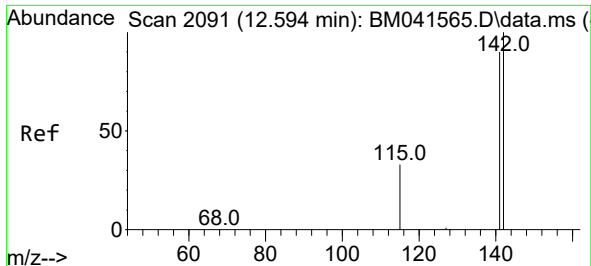
Tgt Ion: 88 Resp: 3592
Ion Ratio Lower Upper
88 100
43 46.5 46.2 69.2
58 70.2 58.1 87.1



#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

Tgt Ion: 128 Resp: 16506
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.2 10.6 15.8

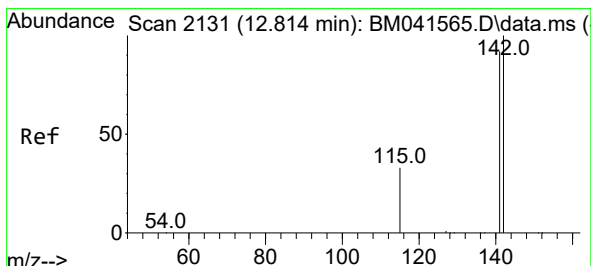
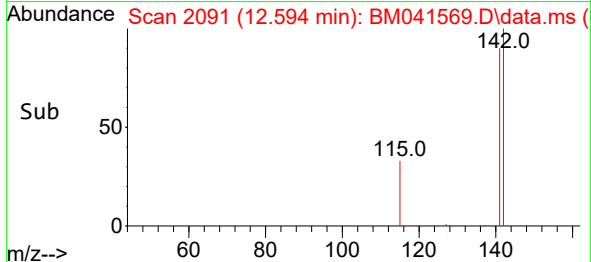
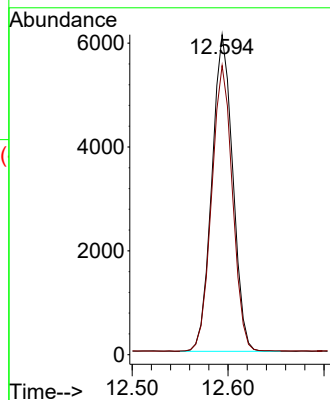
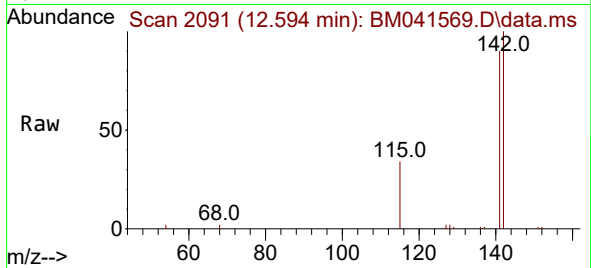




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

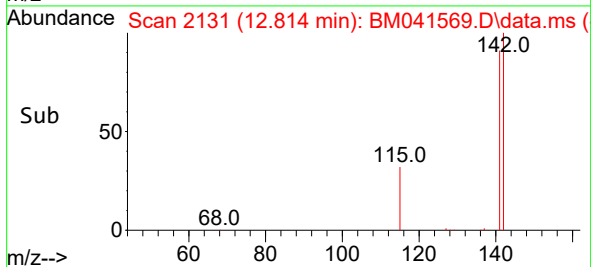
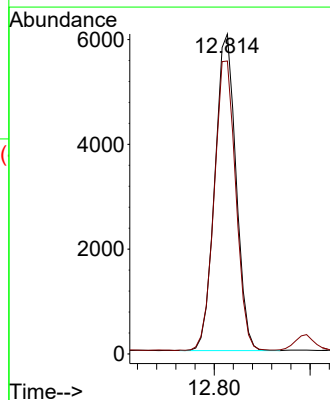
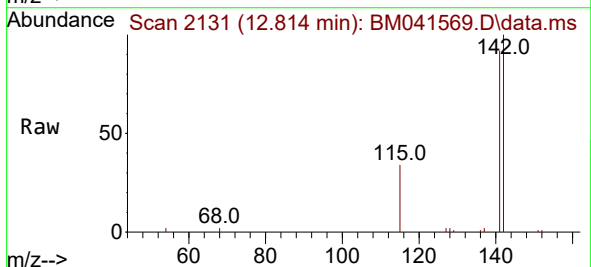
Instrument :
BNA_M
ClientSampleId :
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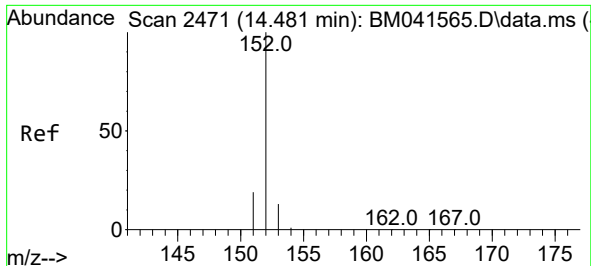
Tgt Ion:142 Resp: 9215
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

Tgt Ion:142 Resp: 9235
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.2

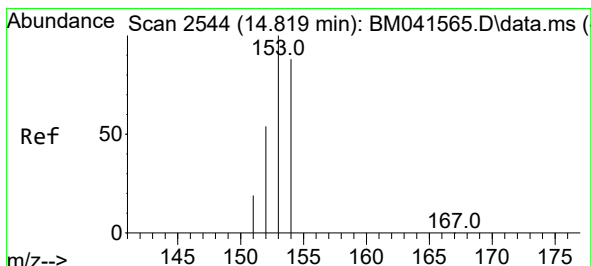
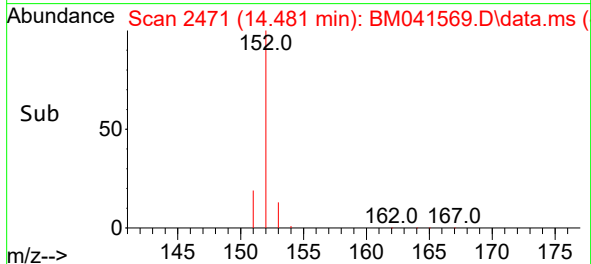
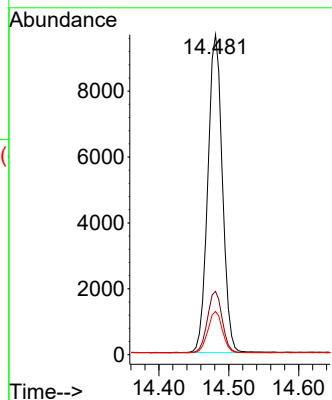
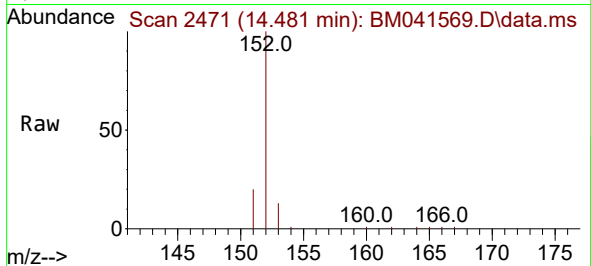




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

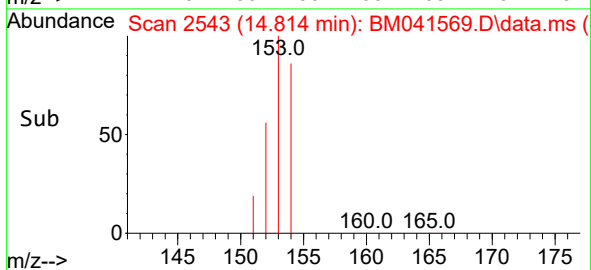
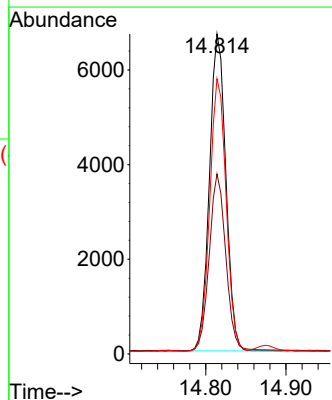
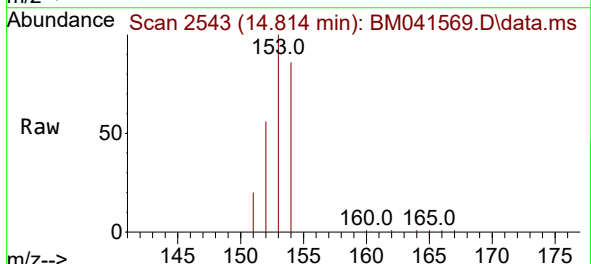
Instrument :
BNA_M
ClientSampleId :
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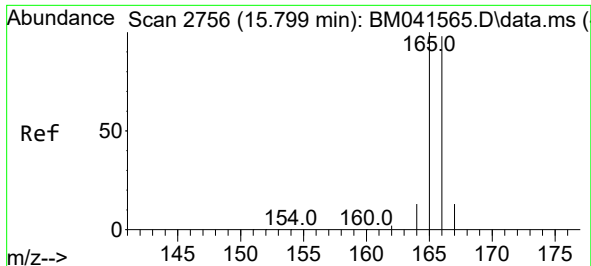
Tgt Ion:	152	Resp:	13926
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	13.5	10.6	15.8



#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.005 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

Tgt Ion:	153	Resp:	9492
Ion Ratio	Lower	Upper	
153	100		
152	56.2	43.4	65.2
154	86.0	70.2	105.2

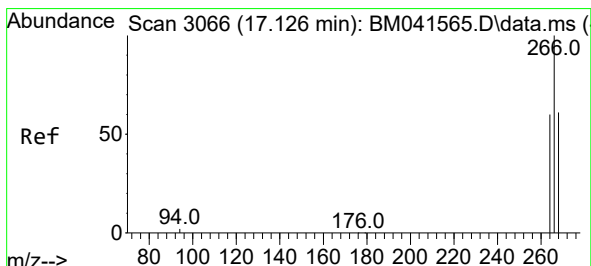
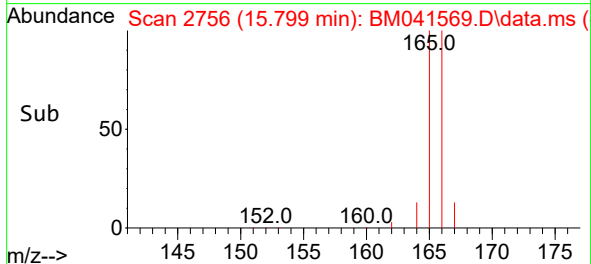
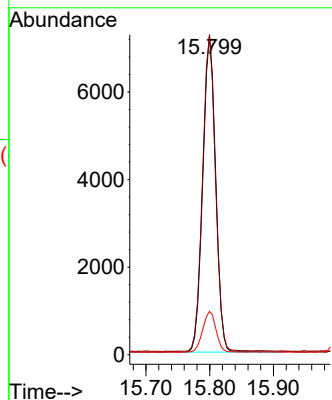
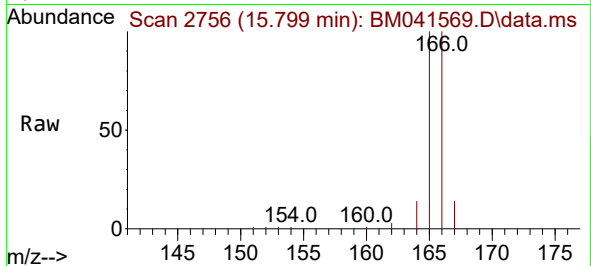




#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.799 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

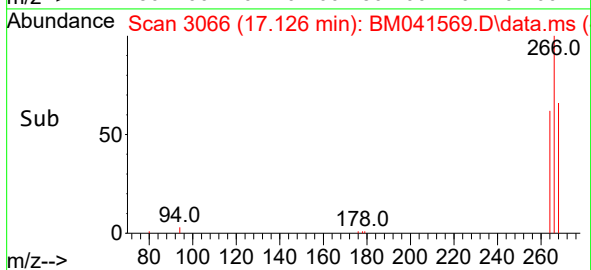
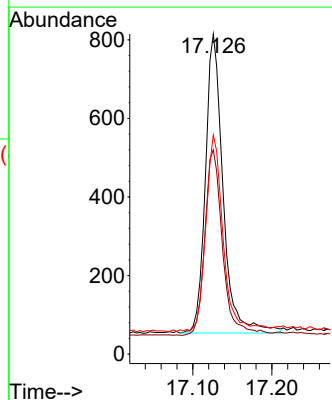
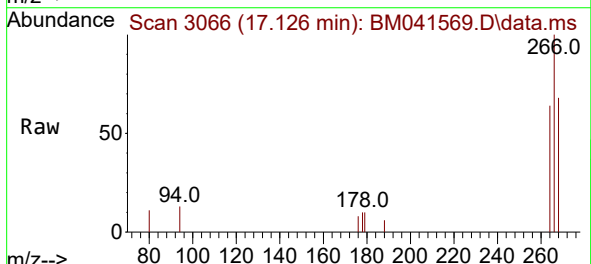
Instrument :
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ClientSampleId :
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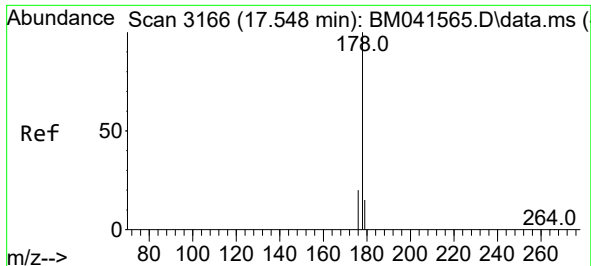
Tgt Ion:166 Resp: 10175
Ion Ratio Lower Upper
166 100
165 100.2 82.2 123.2
167 13.6 11.5 17.3



#14
Pentachlorophenol
Concen: 0.319 ng/ul
RT: 17.126 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

Tgt Ion:266 Resp: 1174
Ion Ratio Lower Upper
266 100
264 62.5 49.3 73.9
268 64.7 50.2 75.4

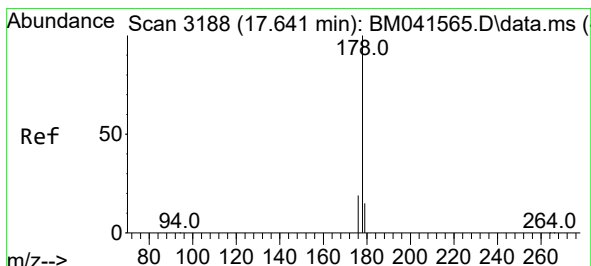
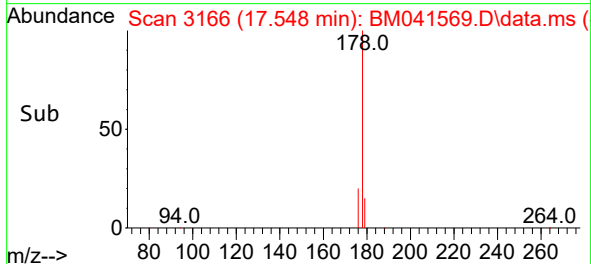
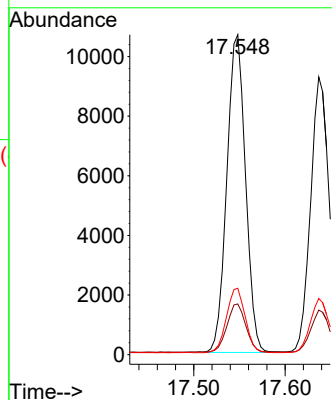
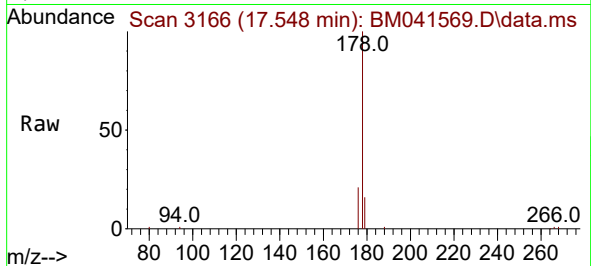




#15
Phenanthrene
Concen: 0.362 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

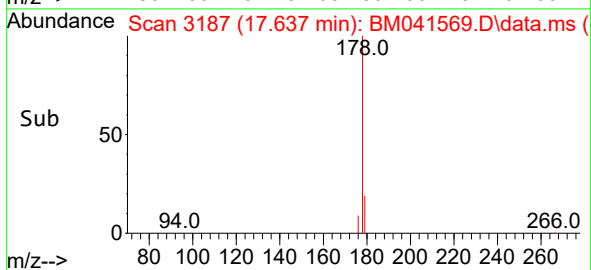
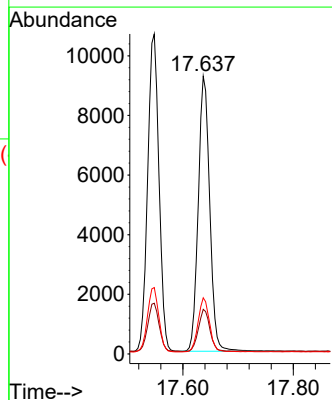
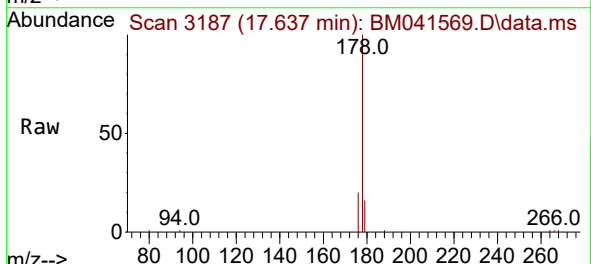
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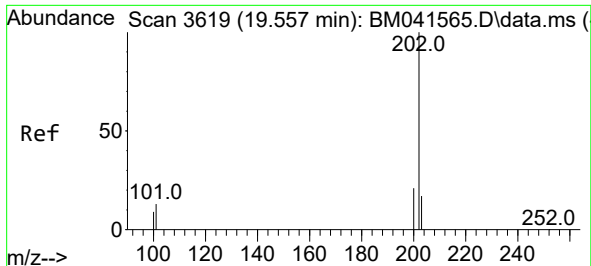
Tgt Ion:178 Resp: 15150
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.7 16.2 24.4



#16
Anthracene
Concen: 0.365 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. -0.004 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

Tgt Ion:178 Resp: 13263
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.2 15.6 23.4

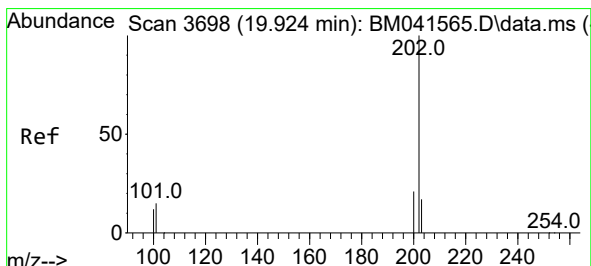
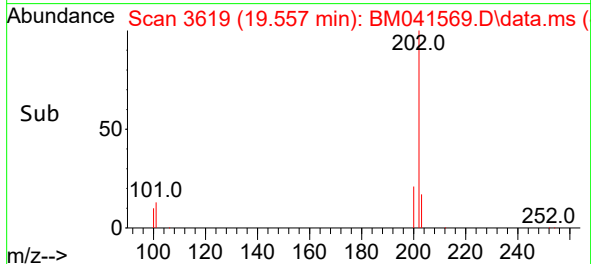
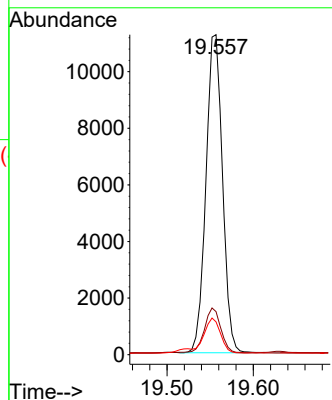
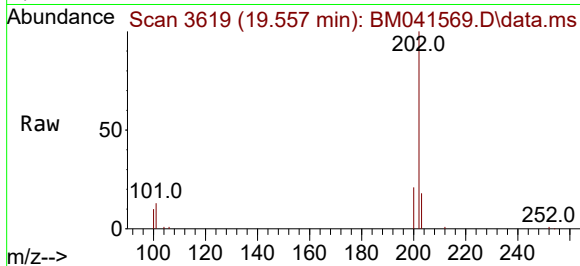




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

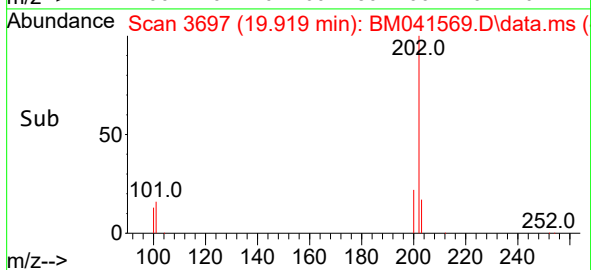
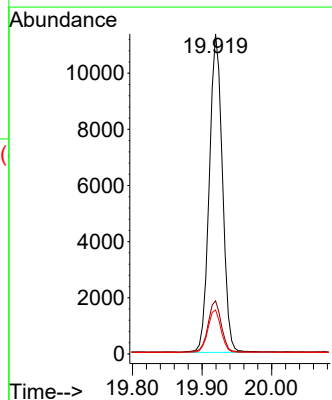
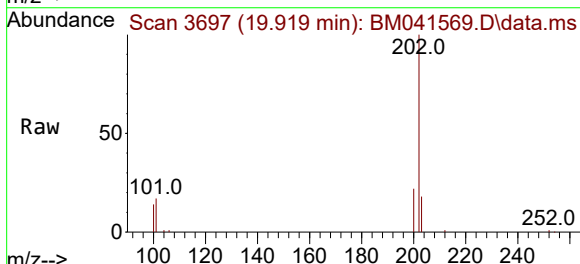
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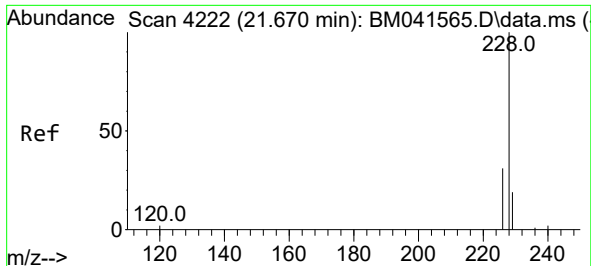
Tgt Ion:202 Resp: 14999
Ion Ratio Lower Upper
202 100
101 13.5 10.7 16.1
100 10.3 8.1 12.1



#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

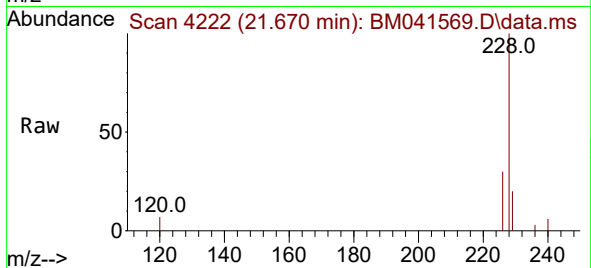
Tgt Ion:202 Resp: 14849
Ion Ratio Lower Upper
202 100
101 16.6 12.2 18.4
100 13.8 9.8 14.8



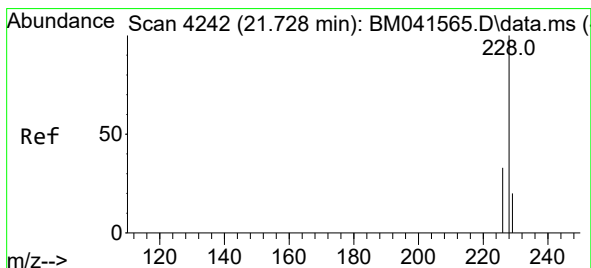
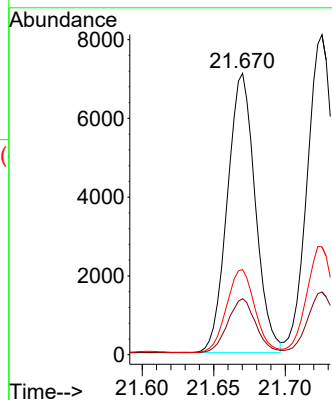
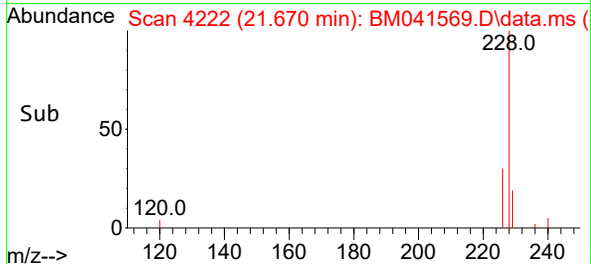


#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.670 min Scan# 4222
Delta R.T. 0.000 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

Instrument :
BNA_M
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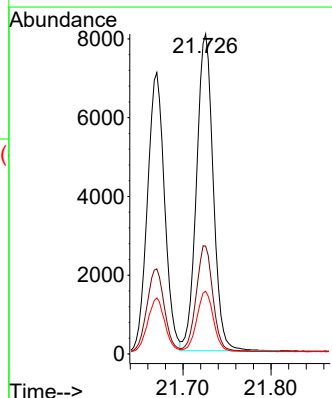
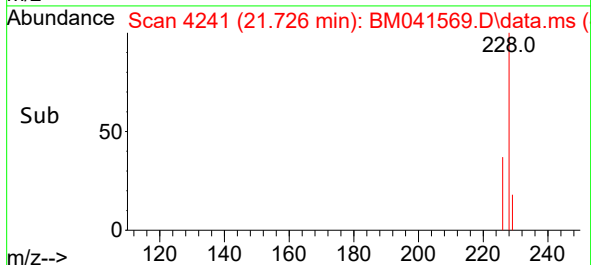
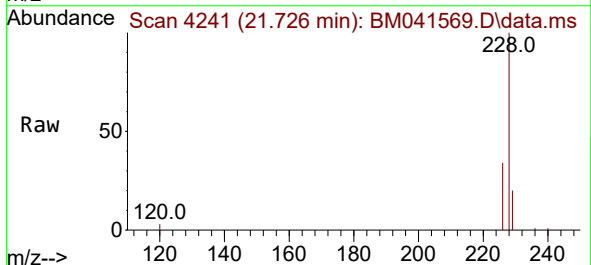


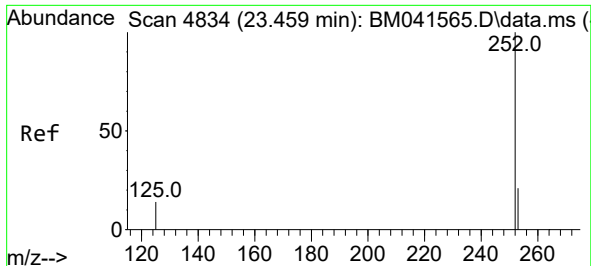
Tgt Ion:228 Resp: 9620
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 30.2 25.0 37.4



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.726 min Scan# 4241
Delta R.T. -0.003 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

Tgt Ion:228 Resp: 10625
Ion Ratio Lower Upper
228 100
226 33.7 26.7 40.1
229 19.6 15.9 23.9

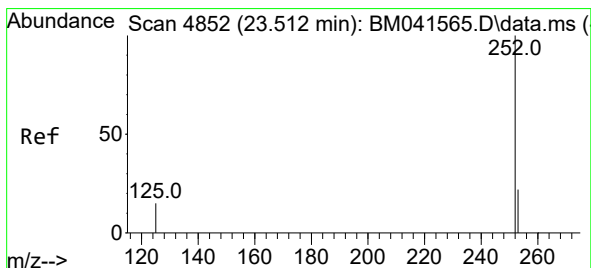
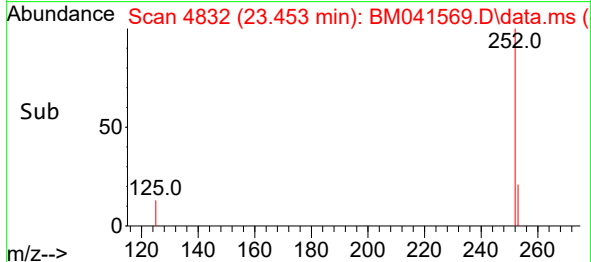
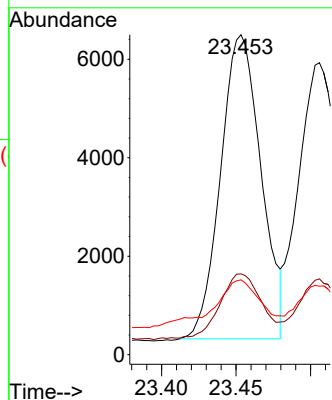
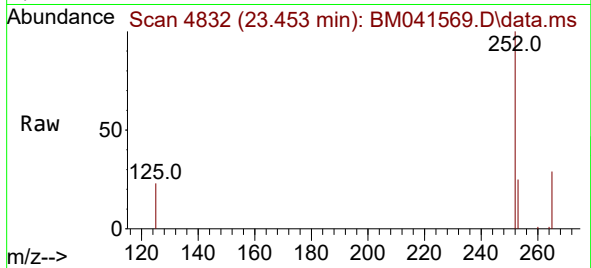




#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.453 min Scan# 4832
Delta R.T. -0.006 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

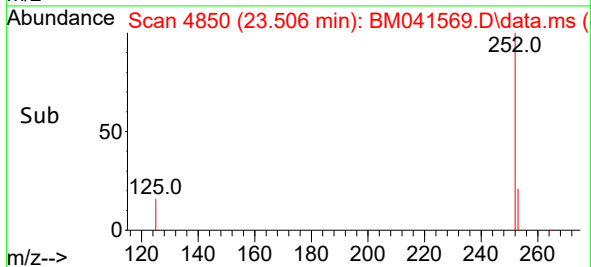
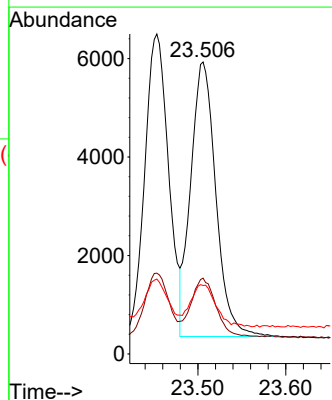
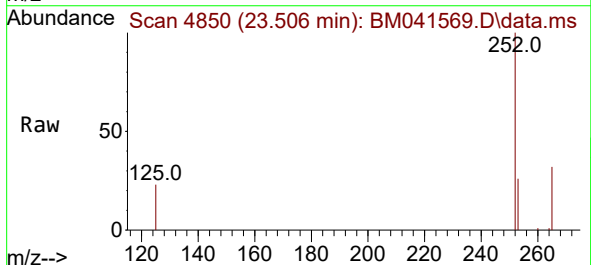
Instrument :
BNA_M
ClientSampleId :
SICV014

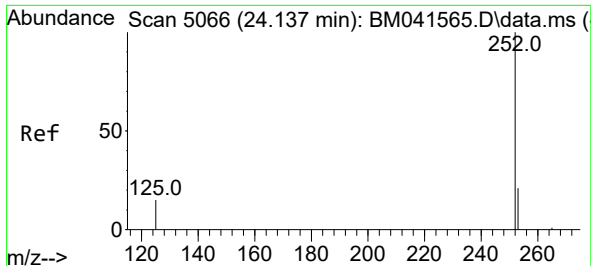
Tgt Ion:	252	Resp:	11654
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	50.0
125	23.4	0.0	44.0



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.506 min Scan# 4850
Delta R.T. -0.006 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

Tgt Ion:	252	Resp:	11092
Ion Ratio	Lower	Upper	
252	100		
253	25.9	20.2	30.4
125	23.5	18.2	27.4

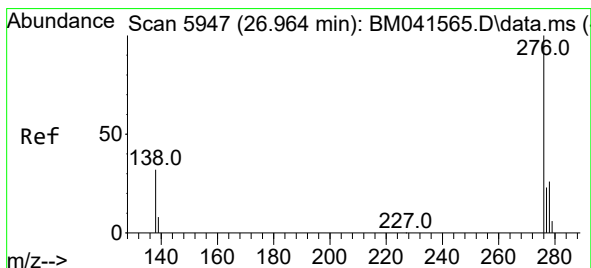
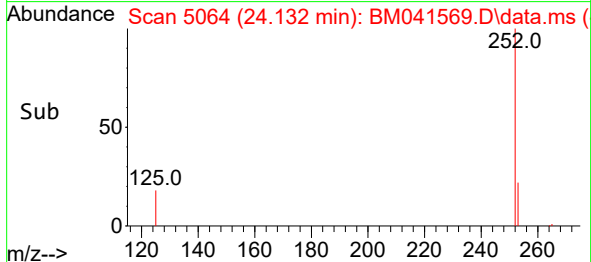
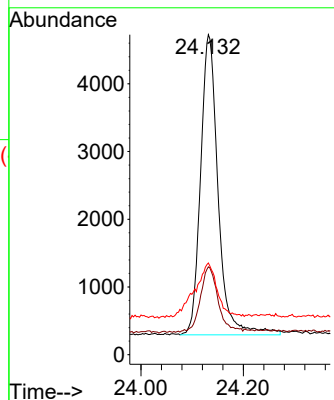
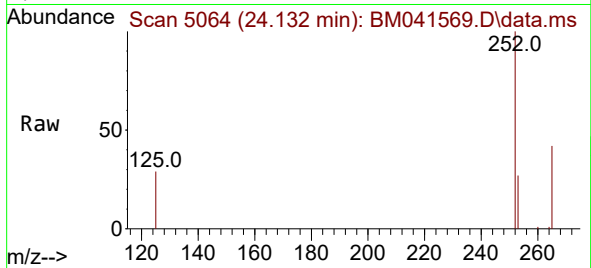




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 24.132 min Scan# 5066
Delta R.T. -0.006 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

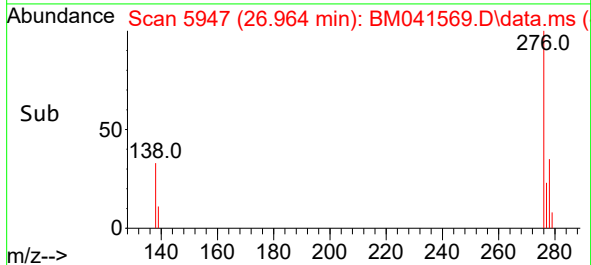
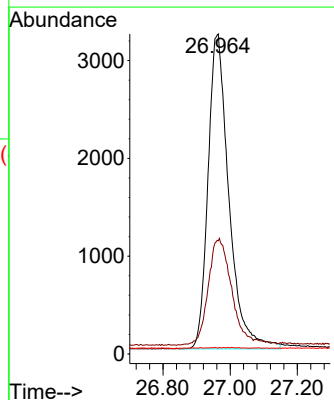
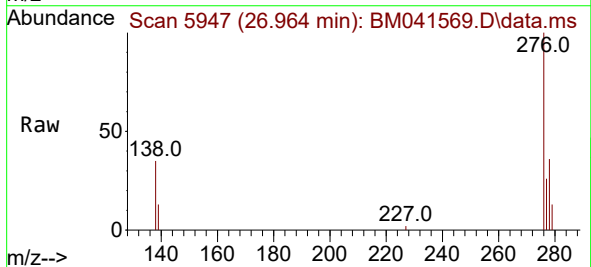
Instrument :
BNA_M
ClientSampleId :
SICV014

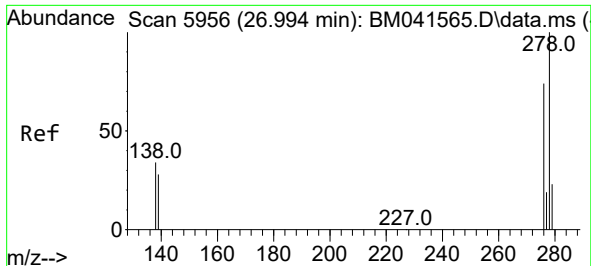
Tgt Ion:252 Resp: 10536
Ion Ratio Lower Upper
252 100
253 27.5 20.9 31.3
125 28.6 21.1 31.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng/ul
RT: 26.964 min Scan# 5947
Delta R.T. 0.000 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

Tgt Ion:276 Resp: 13855
Ion Ratio Lower Upper
276 100
138 38.4 30.3 45.5
227 0.0 0.1 0.1#

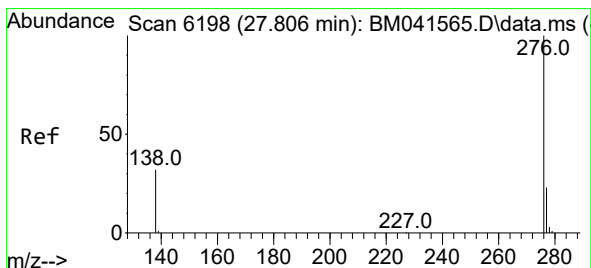
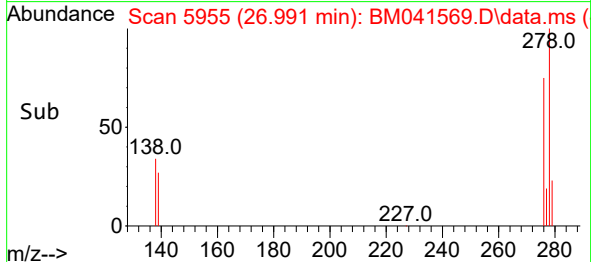
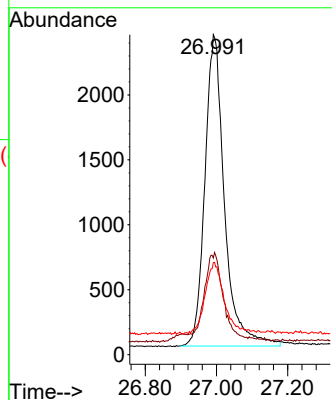
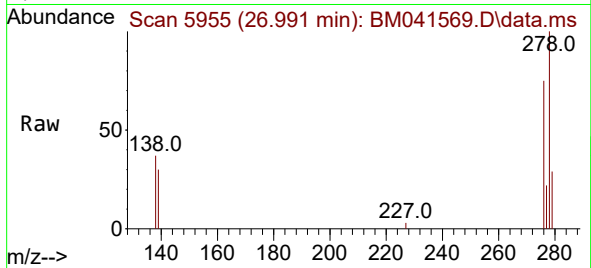




#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 26.991 min Scan# 5955
Delta R.T. -0.003 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

Instrument :
BNA_M
ClientSampleId :
SICV014

Tgt Ion:278 Resp: 9157
Ion Ratio Lower Upper
278 100
139 30.2 25.0 37.4
279 28.7 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 27.803 min Scan# 6197
Delta R.T. -0.003 min
Lab File: BM041569.D
Acq: 29 Aug 2023 23:16

Tgt Ion:276 Resp: 11553
Ion Ratio Lower Upper
276 100
138 35.4 27.4 41.0
277 26.2 20.4 30.6

