

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061822\
 Data File : BM035522.D
 Acq On : 18 Jun 2022 15:12
 Operator : CG/JU
 Sample : SSTD3.248
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2048

Quant Time: Jun 20 01:40:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:37:25 2022
 Response via : Initial Calibration

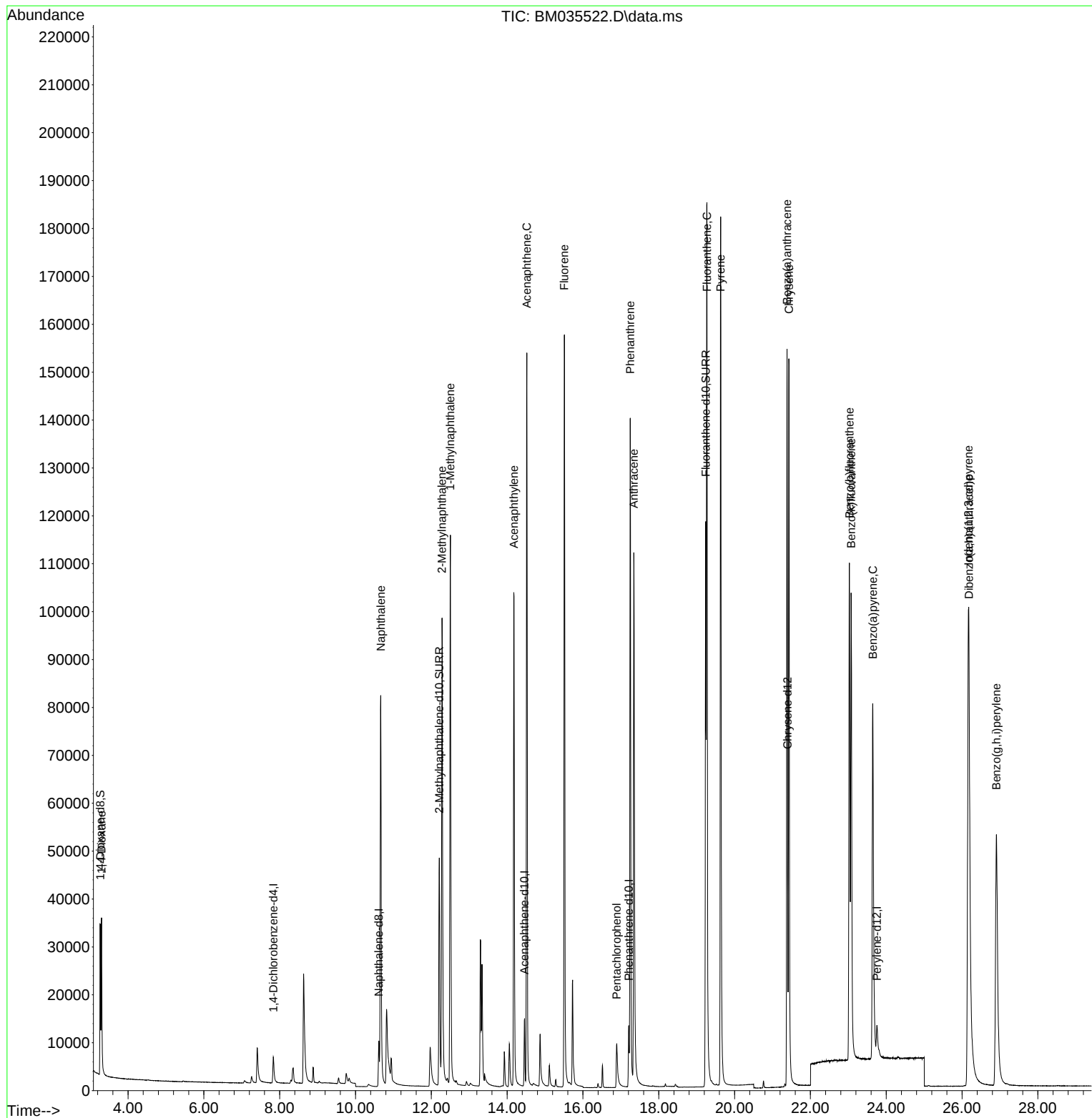
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4291	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.616	136	14231	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.459	164	7949	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.208	188	15871	0.400	ng/ul	-0.02
17) Chrysene-d12	21.398	240	12446	0.400	ng/ul	-0.01
23) Perylene-d12	23.756	264	10689	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	17772	3.457	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	71014	3.128	ng/ul	-0.03
18) Fluoranthene-d10	19.238	212	136853	3.206	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	18222	3.530	ng/ul#	58
5) Naphthalene	10.666	128	128680	2.738	ng/ul	96
7) 2-Methylnaphthalene	12.283	142	83019	2.690	ng/ul	98
8) 1-Methylnaphthalene	12.503	142	87466	3.047	ng/ul	95
10) Acenaphthylene	14.177	152	131308	2.788	ng/ul	98
11) Acenaphthene	14.519	153	93856	2.763	ng/ul	98
12) Fluorene	15.509	166	107537	2.707	ng/ul	99
14) Pentachlorophenol	16.891	266	9302	1.552	ng/ul#	63
15) Phenanthrene	17.250	178	162940	2.695	ng/ul	97
16) Anthracene	17.343	178	153172	2.781	ng/ul	97
19) Fluoranthene	19.271	202	181855	2.602	ng/ul	97
20) Pyrene	19.633	202	181352	2.554	ng/ul	99
21) Benzo(a)anthracene	21.383	228	142466	2.474	ng/ul	99
22) Chrysene	21.433	228	154567	2.579	ng/ul	99
24) Benzo(b)fluoranthene	23.028	252	136847	2.441	ng/ul	84
25) Benzo(k)fluoranthene	23.075	252	142889	2.671	ng/ul#	83
26) Benzo(a)pyrene	23.645	252	141522	2.775	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.168	276	162018	3.211	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.182	278	132418	3.299	ng/ul#	87
29) Benzo(g,h,i)perylene	26.906	276	141200	3.253	ng/ul	96

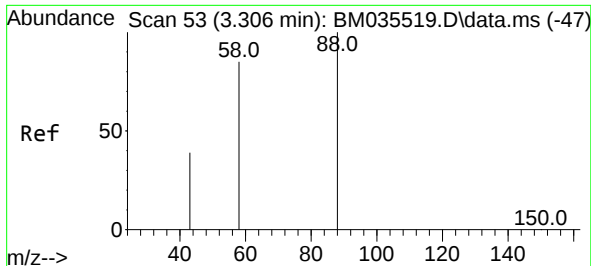
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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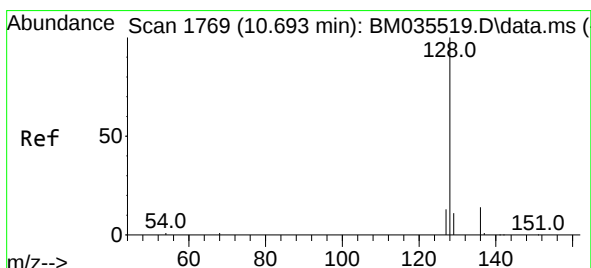
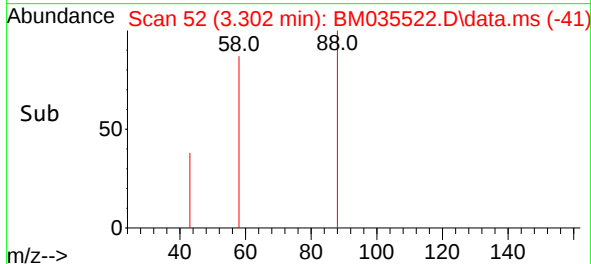
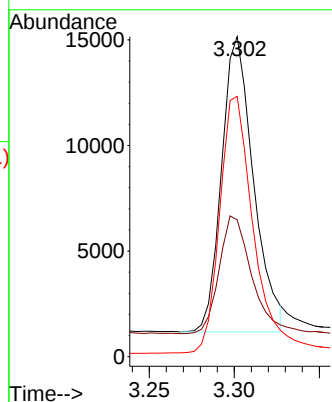
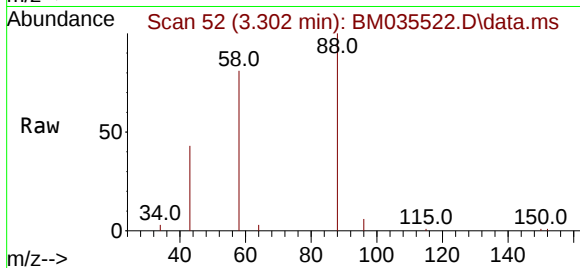




#2
1,4-Dioxane
Concen: 3.530 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

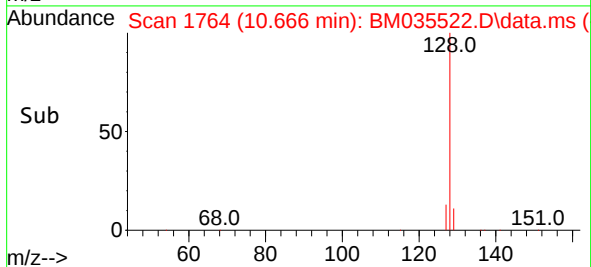
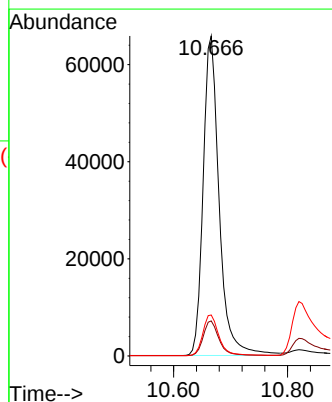
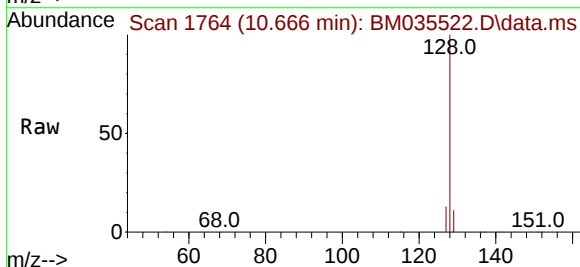
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BNA_M
ClientSampleId :
SSTD3.2048

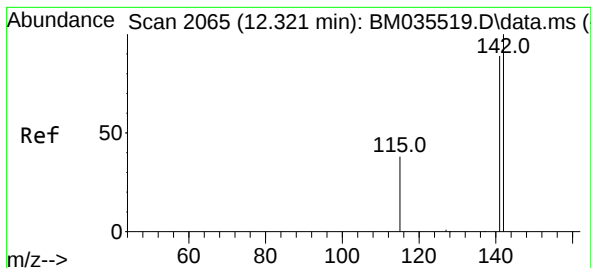
Tgt Ion: 88 Resp: 18222
Ion Ratio Lower Upper
88 100
43 42.8 70.4 105.6#
58 81.3 45.6 68.4#



#5
Naphthalene
Concen: 2.738 ng/ul
RT: 10.666 min Scan# 1764
Delta R.T. -0.028 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

Tgt Ion: 128 Resp: 128680
Ion Ratio Lower Upper
128 100
129 10.9 10.1 15.1
127 12.8 11.4 17.2

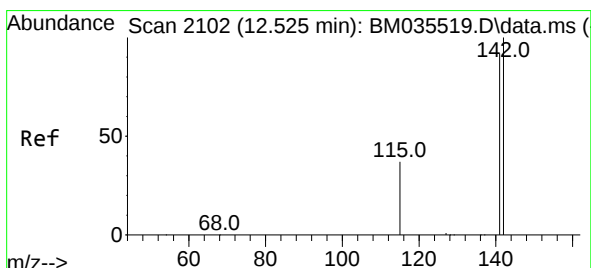
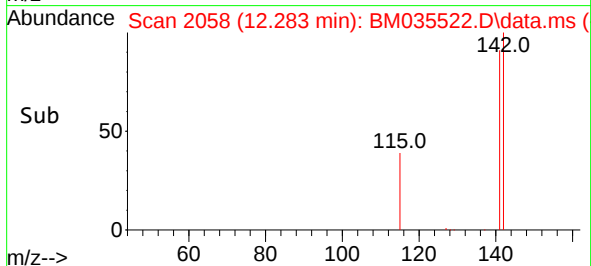
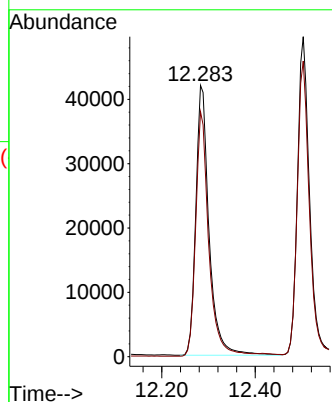
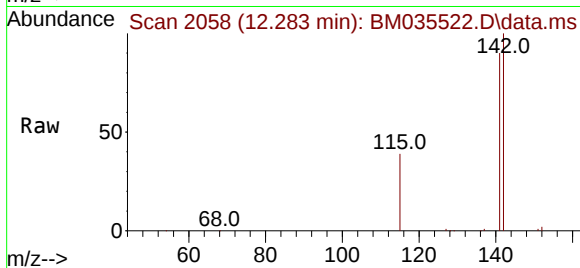




#7
2-Methylnaphthalene
Concen: 2.690 ng/ul
RT: 12.283 min Scan# 2058
Delta R.T. -0.039 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

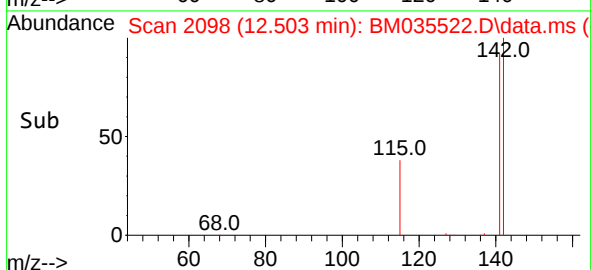
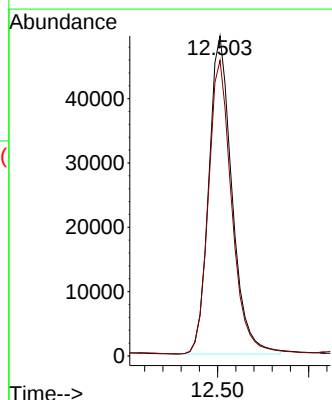
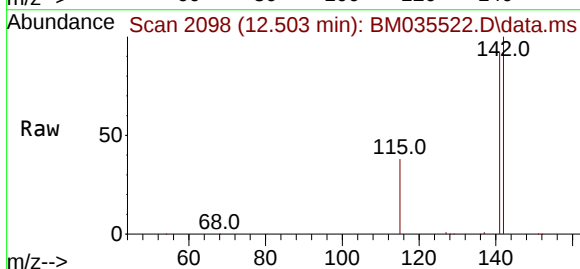
Instrument :
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ClientSampleId :
SSTD3.2048

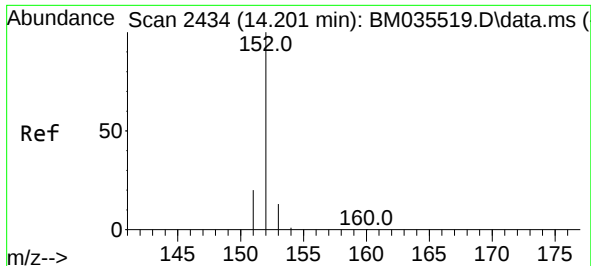
Tgt Ion:142 Resp: 83019
Ion Ratio Lower Upper
142 100
141 90.7 74.1 111.1



#8
1-Methylnaphthalene
Concen: 3.047 ng/ul
RT: 12.503 min Scan# 2098
Delta R.T. -0.022 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

Tgt Ion:142 Resp: 87466
Ion Ratio Lower Upper
142 100
141 92.4 70.1 105.1

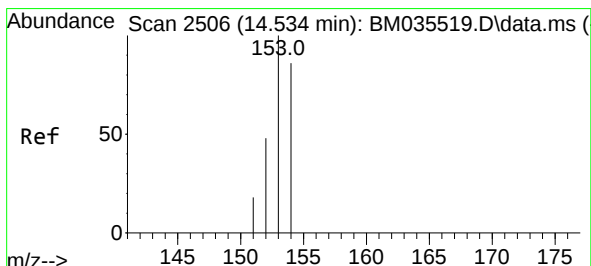
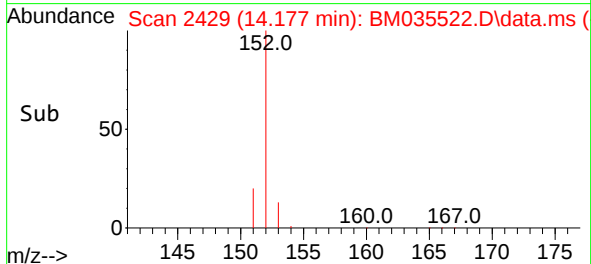
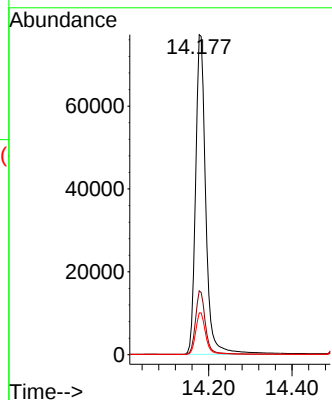
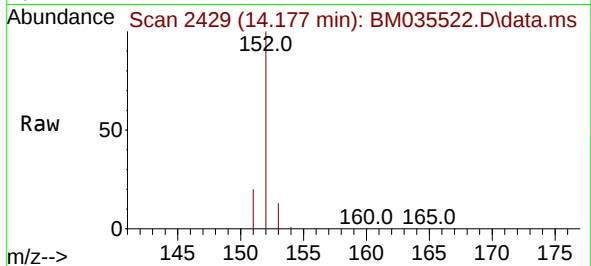




#10
Acenaphthylene
Concen: 2.788 ng/ul
RT: 14.177 min Scan# 2434
Delta R.T. -0.024 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

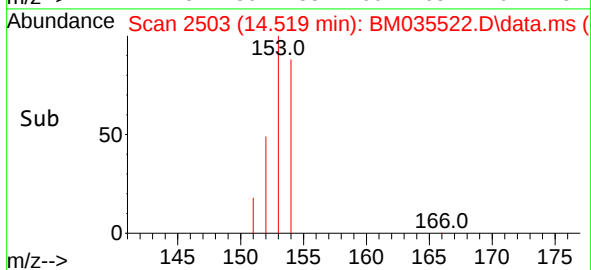
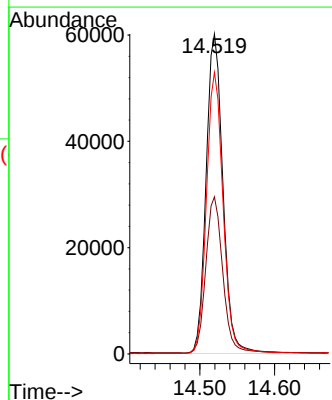
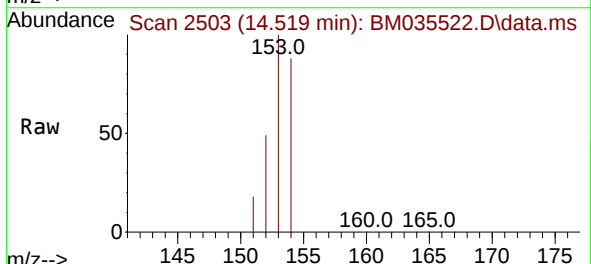
Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

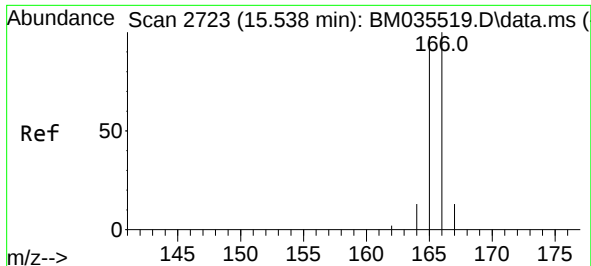
Tgt Ion:152 Resp: 131308
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.1 11.1 16.7



#11
Acenaphthene
Concen: 2.763 ng/ul
RT: 14.519 min Scan# 2503
Delta R.T. -0.015 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

Tgt Ion:153 Resp: 93856
Ion Ratio Lower Upper
153 100
152 49.1 40.0 60.0
154 88.0 69.1 103.7

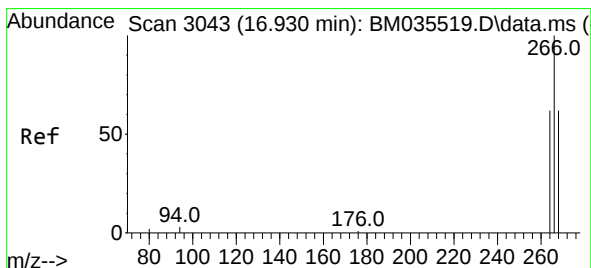
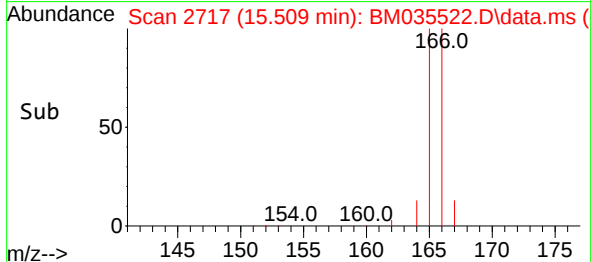
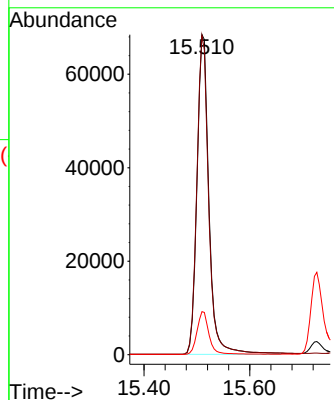
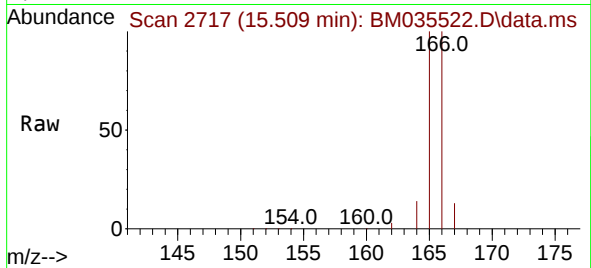




#12
Fluorene
Concen: 2.707 ng/ul
RT: 15.509 min Scan# 21
Delta R.T. -0.029 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

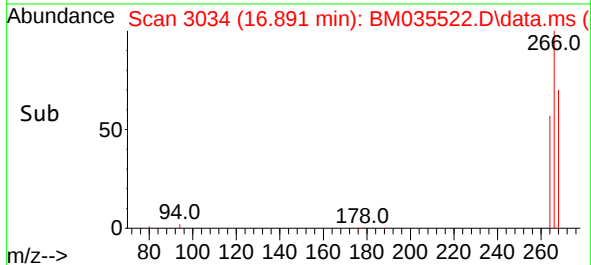
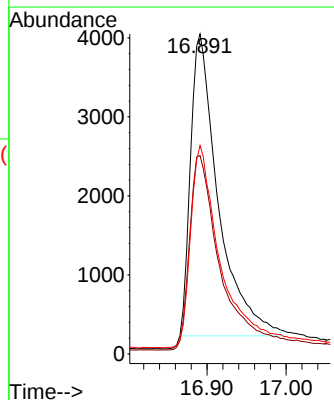
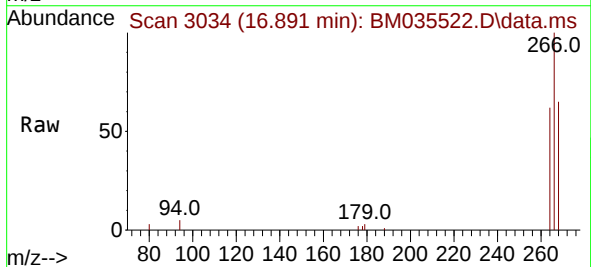
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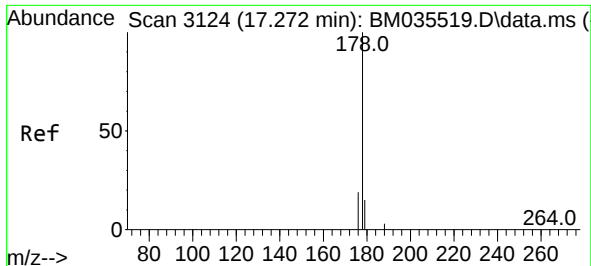
Tgt Ion:166 Resp: 107537
Ion Ratio Lower Upper
166 100
165 99.7 78.7 118.1
167 13.4 11.6 17.4



#14
Pentachlorophenol
Concen: 1.552 ng/ul
RT: 16.891 min Scan# 3034
Delta R.T. -0.039 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

Tgt Ion:266 Resp: 9302
Ion Ratio Lower Upper
266 100
264 61.7 31.4 47.2#
268 64.7 32.9 49.3#

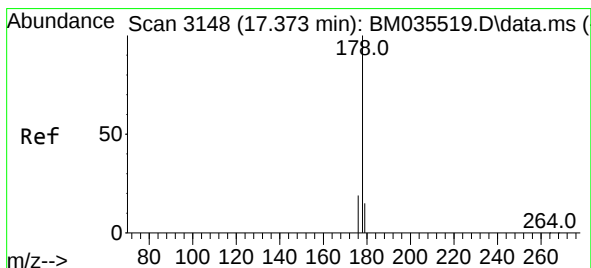
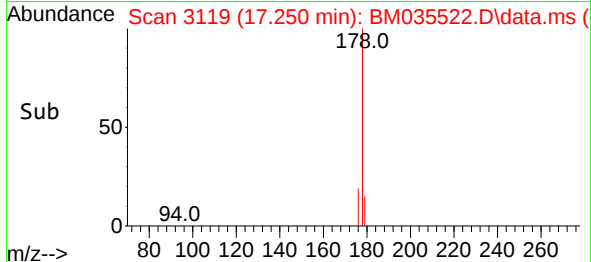
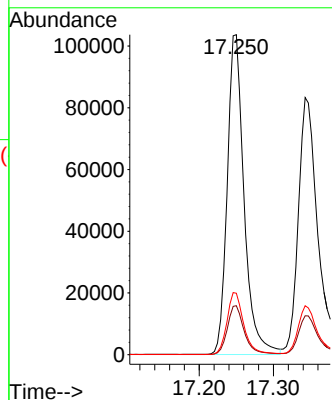
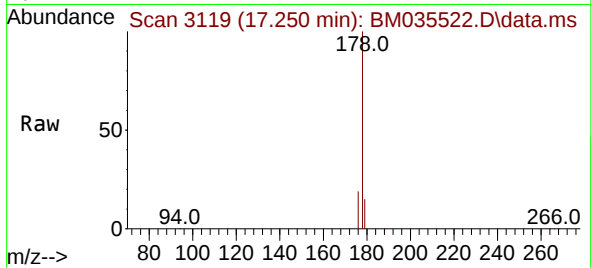




#15
Phenanthrene
Concen: 2.695 ng/ul
RT: 17.250 min Scan# 3119
Delta R.T. -0.022 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

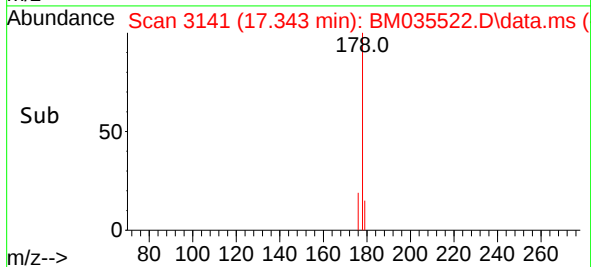
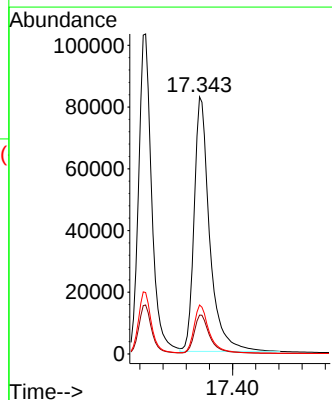
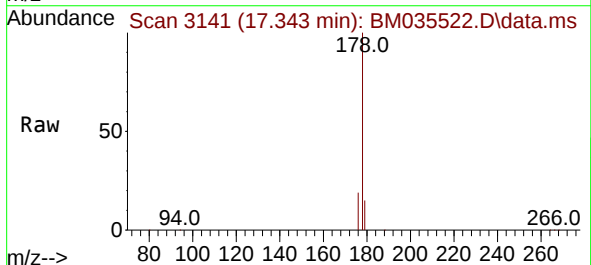
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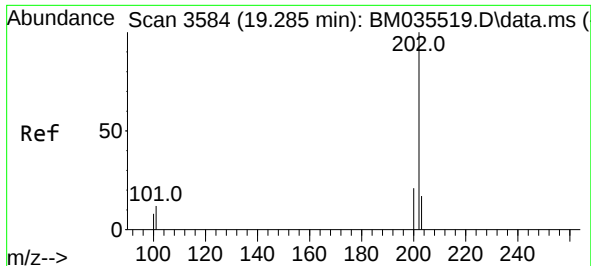
Tgt Ion:178 Resp: 162940
Ion Ratio Lower Upper
178 100
179 15.3 13.2 19.8
176 19.2 16.2 24.4



#16
Anthracene
Concen: 2.781 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.030 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

Tgt Ion:178 Resp: 153172
Ion Ratio Lower Upper
178 100
179 15.1 13.4 20.0
176 19.0 15.9 23.9

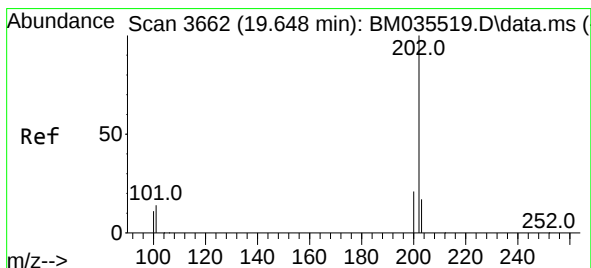
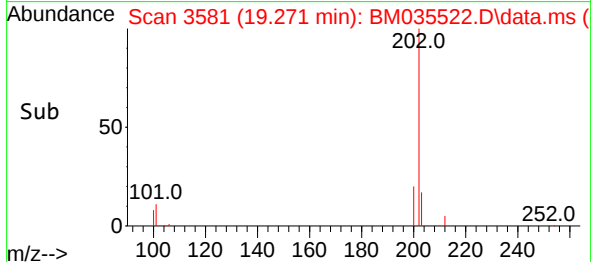
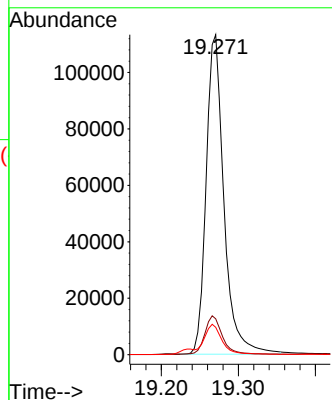
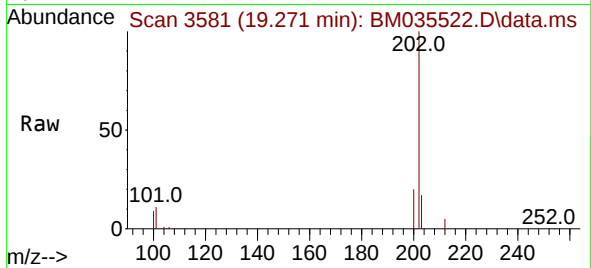




#19
Fluoranthene
Concen: 2.602 ng/u1
RT: 19.271 min Scan# 3581
Delta R.T. -0.015 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

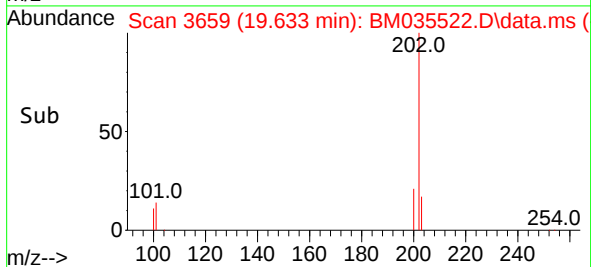
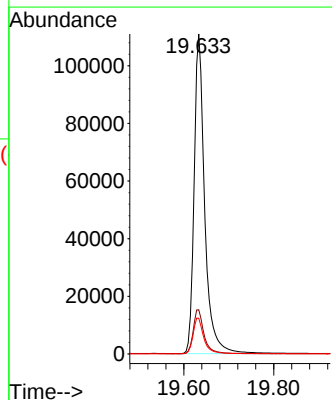
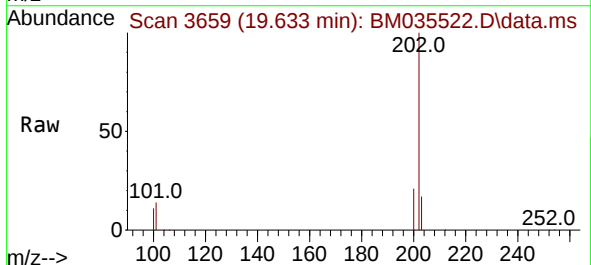
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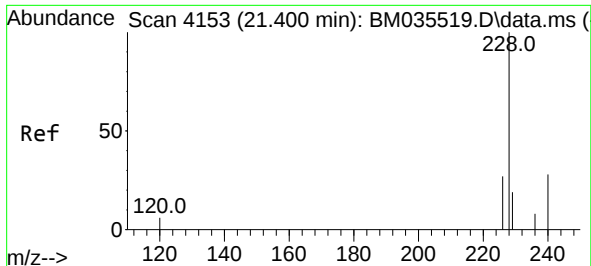
Tgt Ion:202 Resp: 181855
Ion Ratio Lower Upper
202 100
101 11.2 10.0 15.0
100 8.5 7.5 11.3



#20
Pyrene
Concen: 2.554 ng/u1
RT: 19.633 min Scan# 3659
Delta R.T. -0.015 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

Tgt Ion:202 Resp: 181352
Ion Ratio Lower Upper
202 100
101 13.8 11.6 17.4
100 11.2 9.3 13.9

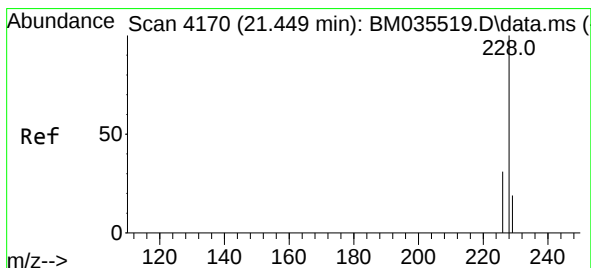
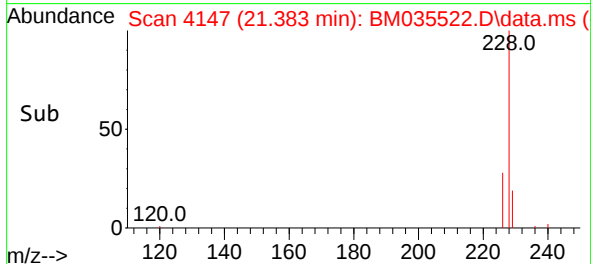
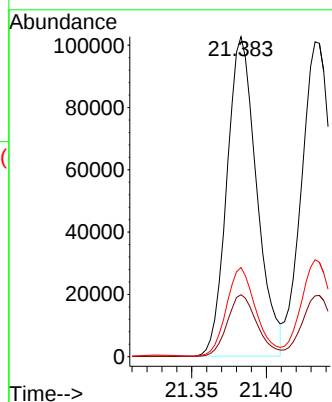
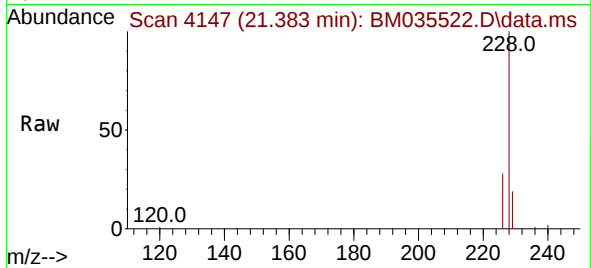




#21
Benzo(a)anthracene
Concen: 2.474 ng/ul
RT: 21.383 min Scan# 4153
Delta R.T. -0.017 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

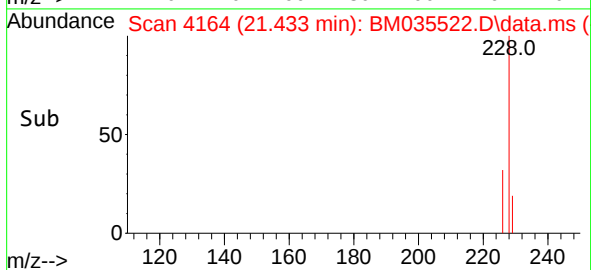
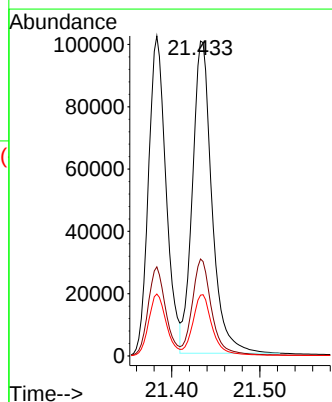
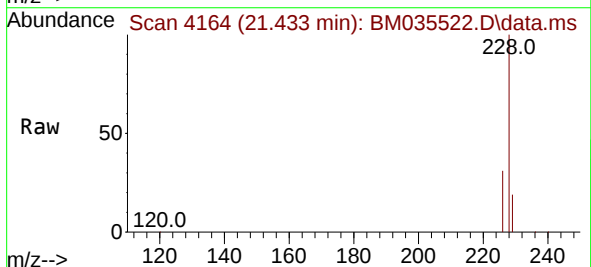
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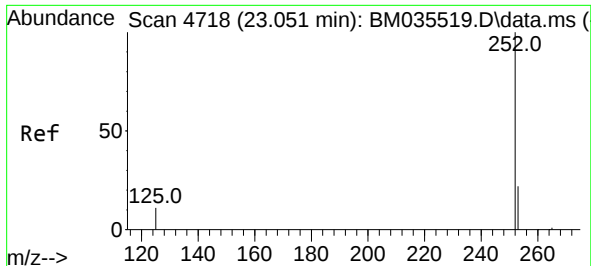
Tgt Ion:228 Resp: 142466
Ion Ratio Lower Upper
228 100
229 19.3 16.2 24.2
226 27.8 22.3 33.5



#22
Chrysene
Concen: 2.579 ng/ul
RT: 21.433 min Scan# 4164
Delta R.T. -0.017 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

Tgt Ion:228 Resp: 154567
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 19.3 15.8 23.8

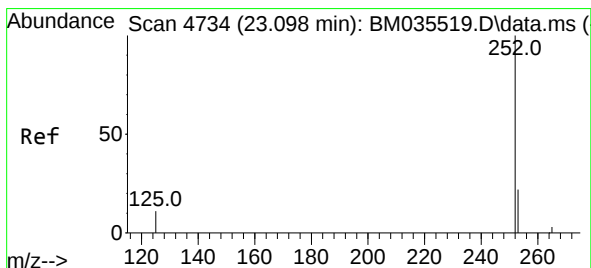
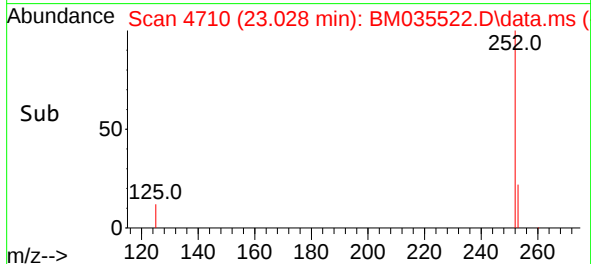
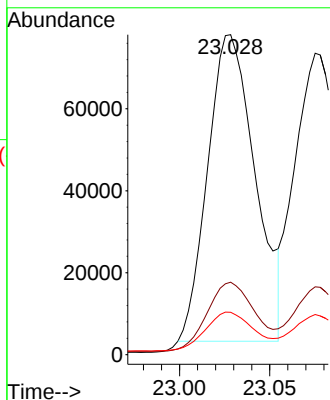
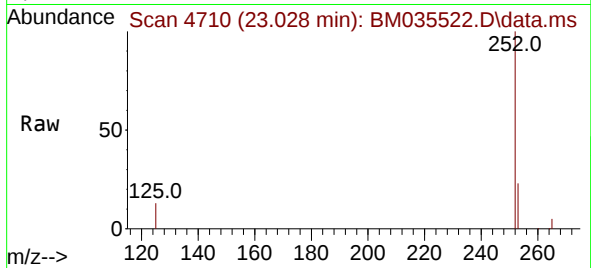




#24
Benzo(b)fluoranthene
Concen: 2.441 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.023 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

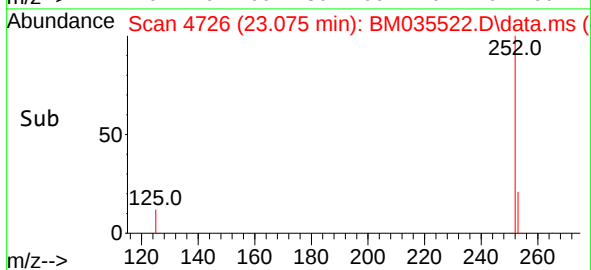
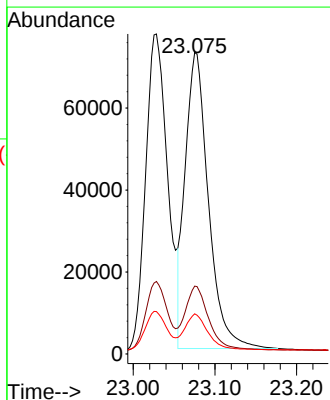
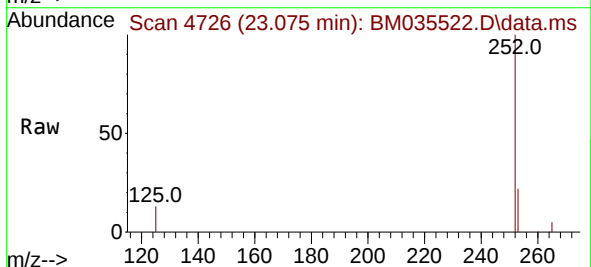
Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

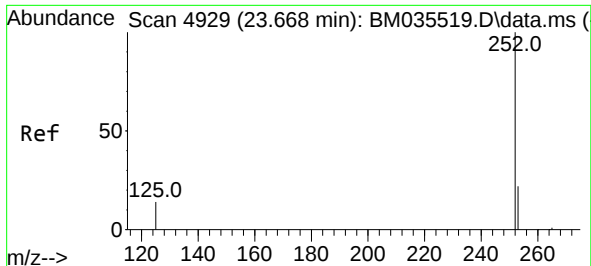
Tgt Ion:252 Resp: 136847
Ion Ratio Lower Upper
252 100
253 22.7 0.0 60.6
125 13.2 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 2.671 ng/ul
RT: 23.075 min Scan# 4726
Delta R.T. -0.023 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

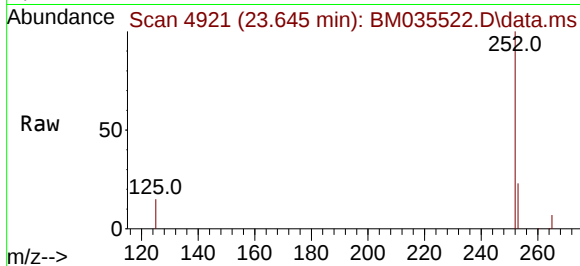
Tgt Ion:252 Resp: 142889
Ion Ratio Lower Upper
252 100
253 22.5 24.7 37.1#
125 13.3 18.2 27.4#



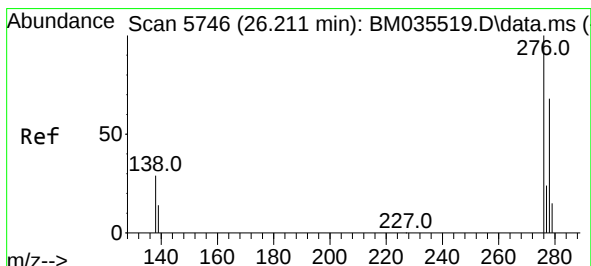
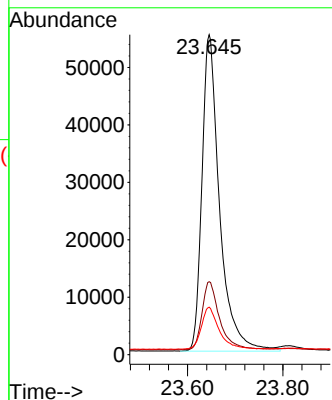
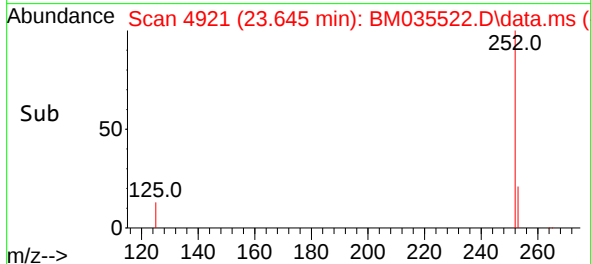


#26
Benzo(a)pyrene
Concen: 2.775 ng/ul
RT: 23.645 min Scan# 4921
Delta R.T. -0.023 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

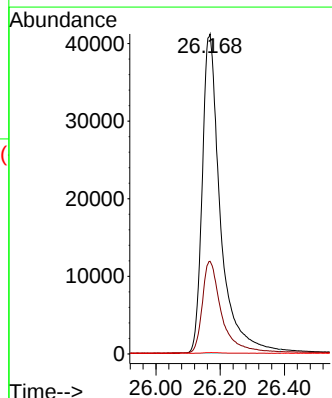
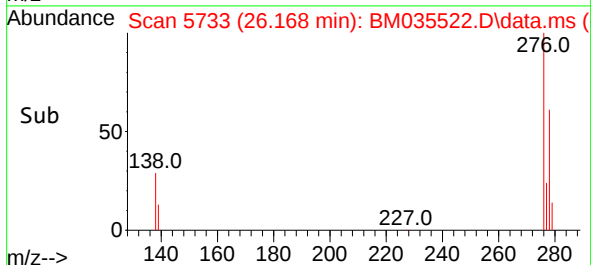
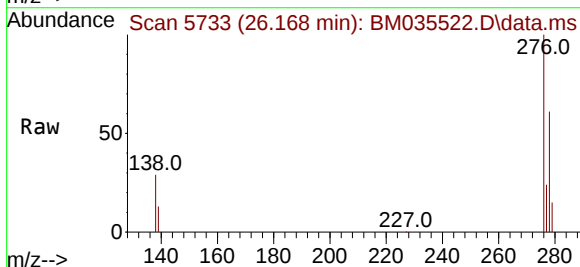


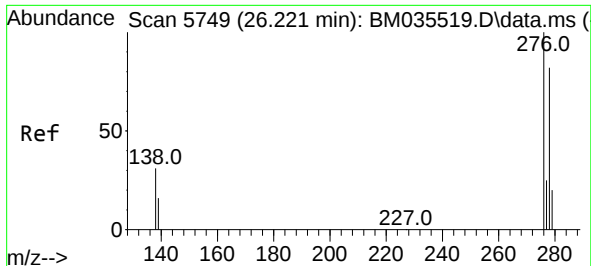
Tgt Ion:252 Resp: 141522
Ion Ratio Lower Upper
252 100
253 22.8 27.8 41.6#
125 14.8 23.3 34.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.211 ng/ul
RT: 26.168 min Scan# 5733
Delta R.T. -0.043 min
Lab File: BM035522.D
Acq: 18 Jun 2022 15:12

Tgt Ion:276 Resp: 162018
Ion Ratio Lower Upper
276 100
138 30.2 24.8 37.2
227 0.2 0.1 0.1#

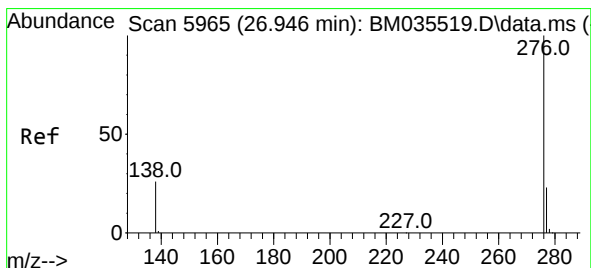
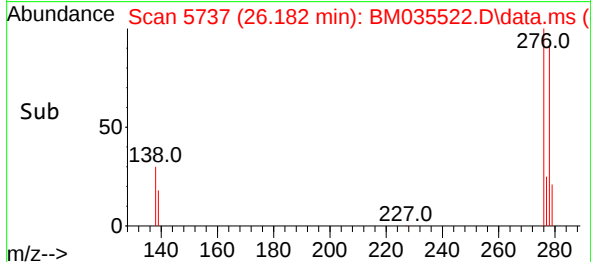
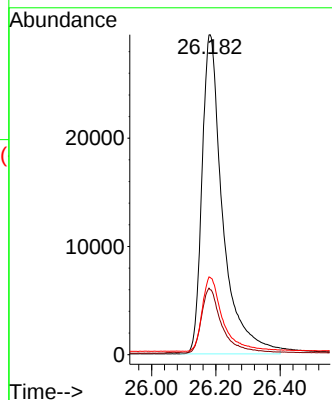
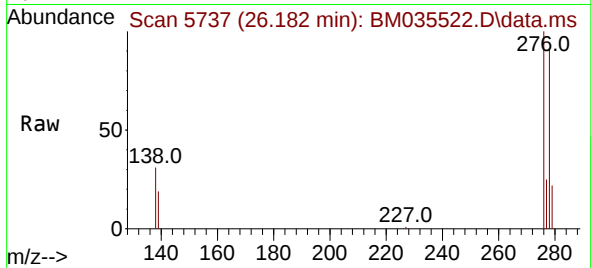




#28
 Dibenzo(a,h)anthracene
 Concen: 3.299 ng/ul
 RT: 26.182 min Scan# 51
 Delta R.T. -0.039 min
 Lab File: BM035522.D
 Acq: 18 Jun 2022 15:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2048

Tgt Ion:278 Resp: 132418
 Ion Ratio Lower Upper
 278 100
 139 20.3 19.1 28.7
 279 24.2 26.7 40.1#



#29
 Benzo(g,h,i)perylene
 Concen: 3.253 ng/ul
 RT: 26.906 min Scan# 5953
 Delta R.T. -0.039 min
 Lab File: BM035522.D
 Acq: 18 Jun 2022 15:12

Tgt Ion:276 Resp: 141200
 Ion Ratio Lower Upper
 276 100
 138 26.3 23.1 34.7
 277 23.8 20.3 30.5

