

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036940.D
 Acq On : 11 Oct 2022 11:32
 Operator : CG/JU
 Sample : N4824-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8P1

Quant Time: Oct 12 01:25:54 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

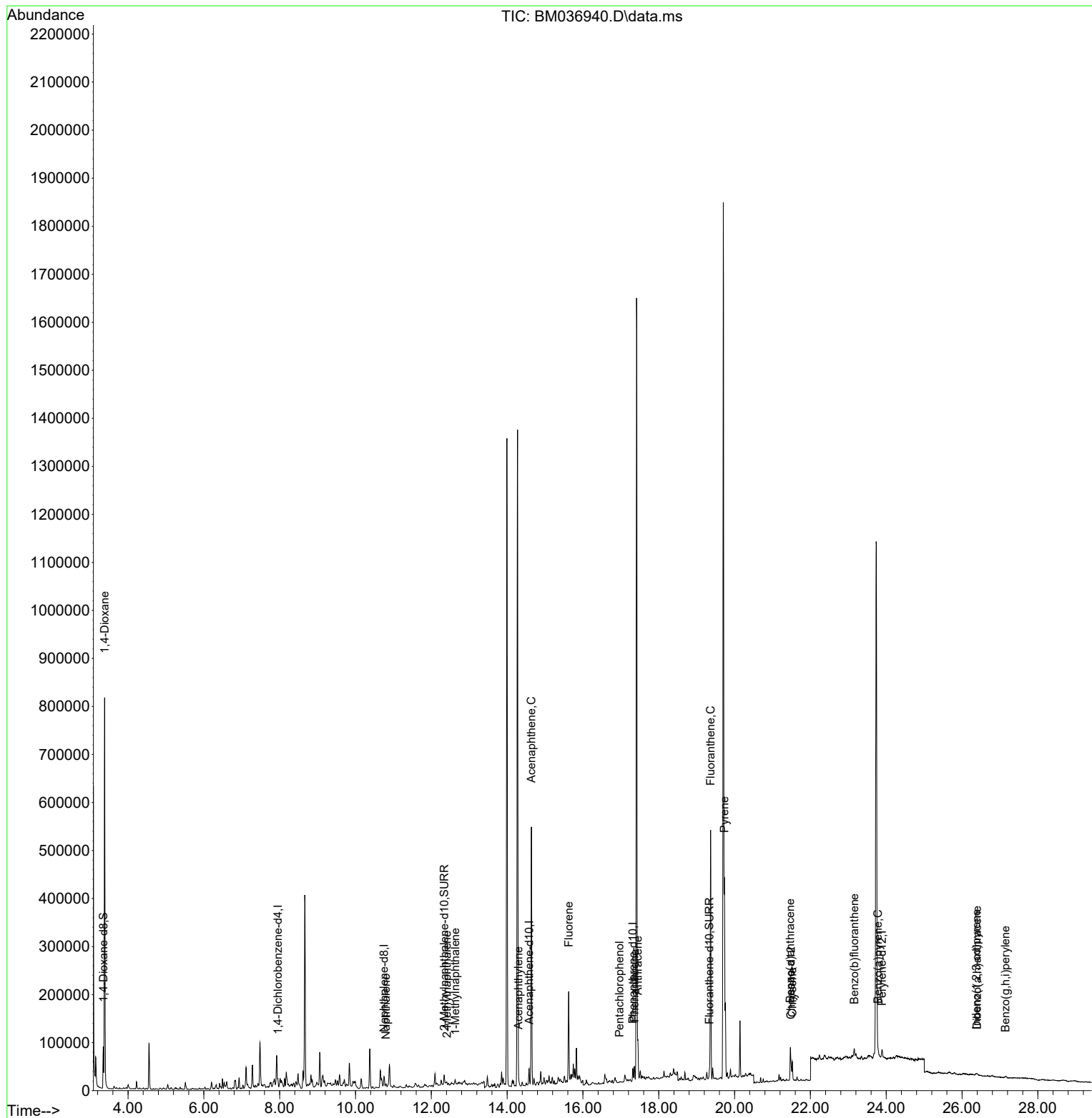
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8450	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	29021	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	19208	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	30381	0.400	ng/ul #	0.00
17) Chrysene-d12	21.488	240	21079	0.400	ng/ul #	0.00
23) Perylene-d12	23.891	264	21633	0.400	ng/ul #	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	48715	4.088	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	14936	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	23147	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	491817	42.220	ng/ul#	74
5) Naphthalene	10.803	128	6516	0.079	ng/ul#	53
7) 2-Methylnaphthalene	12.415	142	3966	0.078	ng/ul	96
8) 1-Methylnaphthalene	12.629	142	5694	0.110	ng/ul	100
10) Acenaphthylene	14.302	152	11161	0.140	ng/ul#	15
11) Acenaphthene	14.640	153	286271	4.132	ng/ul	98
12) Fluorene	15.625	166	116743	1.487	ng/ul	99
14) Pentachlorophenol	16.967	266	252	0.034	ng/ul	94
15) Phenanthrene	17.360	178	32547	0.336	ng/ul#	80
16) Anthracene	17.448	178	83192	1.026	ng/ul	94
19) Fluoranthene	19.368	202	417045	4.974	ng/ul	99
20) Pyrene	19.731	202	326606	3.736	ng/ul	99
21) Benzo(a)anthracene	21.471	228	52823	0.694	ng/ul#	90
22) Chrysene	21.523	228	43792	0.536	ng/ul#	86
24) Benzo(b)fluoranthene	23.157	252	24956	0.258	ng/ul#	1
26) Benzo(a)pyrene	23.783	252	16110	0.205	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.376	276	5929	0.053	ng/ul#	27
28) Dibenzo(a,h)anthracene	26.400	278	2086	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	27.148	276	7590	0.078	ng/ul#	1

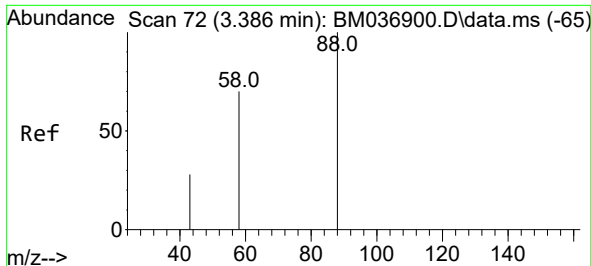
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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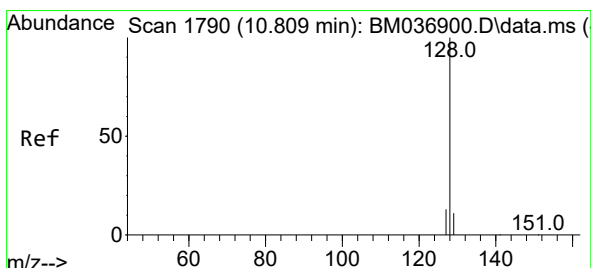
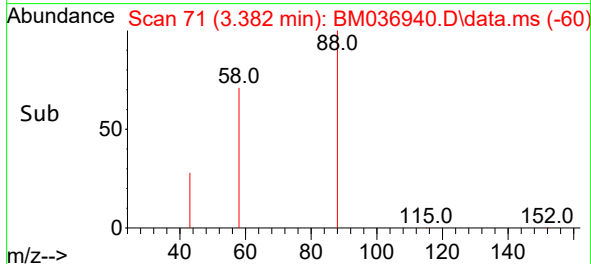
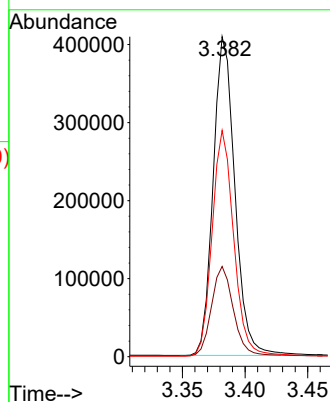
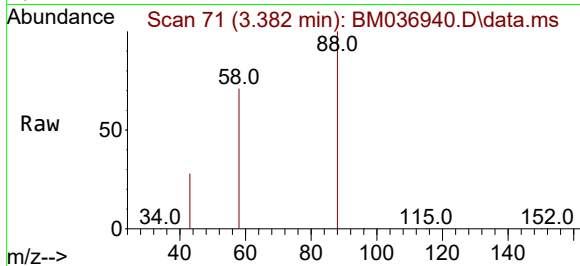




#2
1,4-Dioxane
Concen: 42.220 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

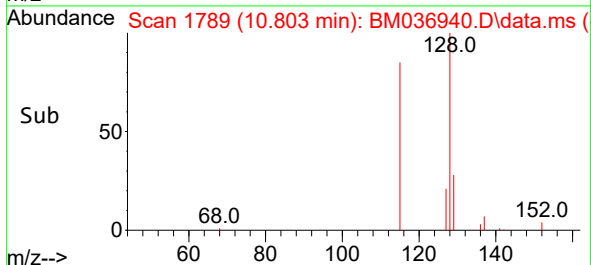
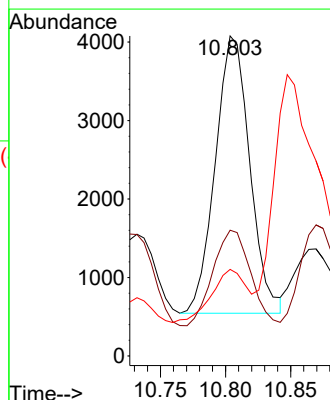
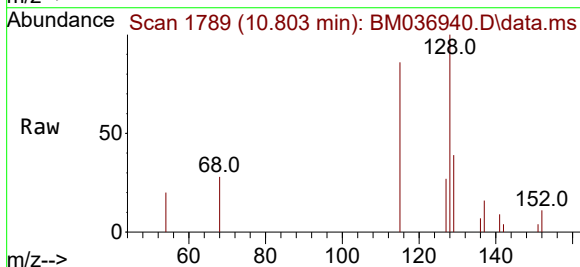
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ClientSampleId :
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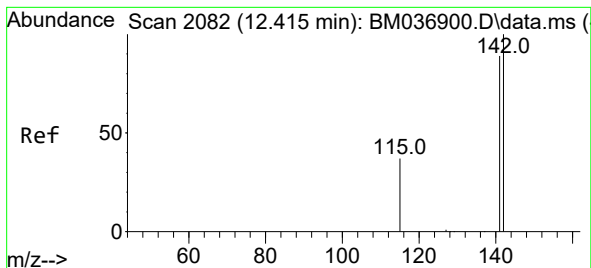
Tgt Ion: 88 Resp: 491817
Ion Ratio Lower Upper
88 100
43 28.2 37.8 56.6#
58 70.7 42.6 63.8#



#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

Tgt Ion: 128 Resp: 6516
Ion Ratio Lower Upper
128 100
129 39.3 10.2 15.2#
127 27.0 11.7 17.5#

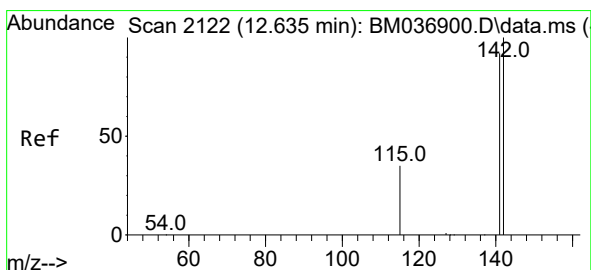
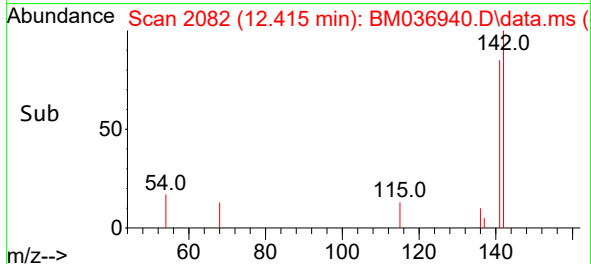
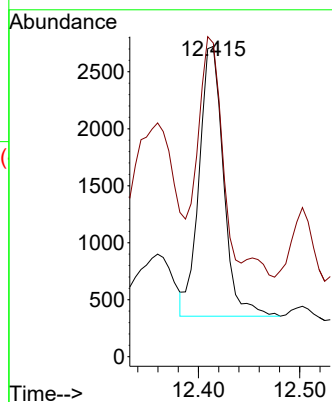
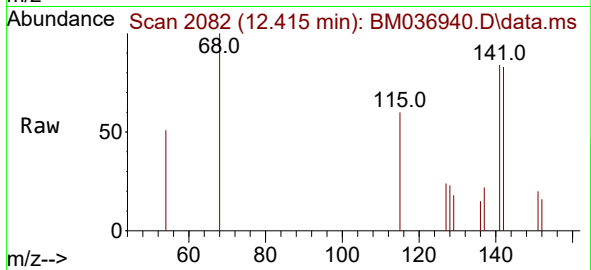




#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

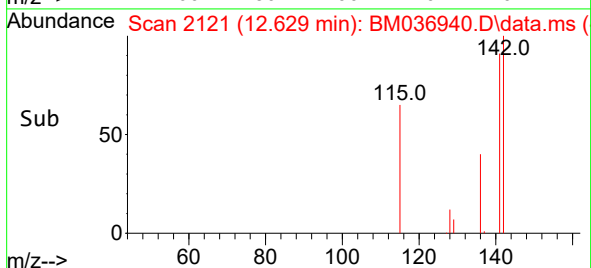
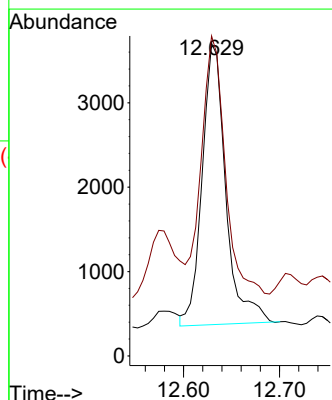
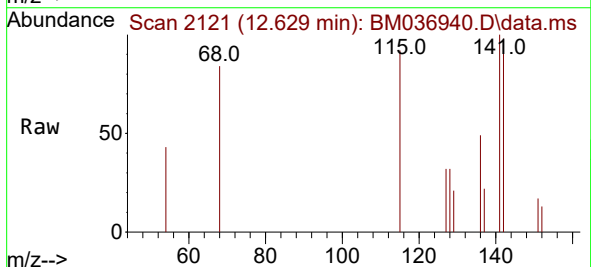
Instrument :
BNA_M
ClientSampleId :
CB8P1

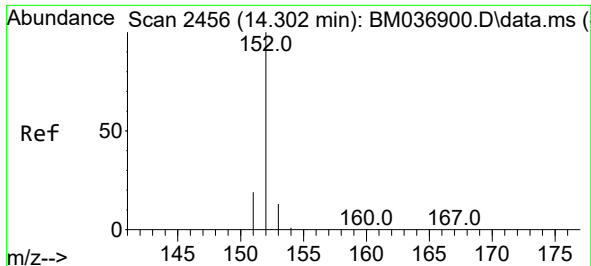
Tgt Ion:142 Resp: 3966
Ion Ratio Lower Upper
142 100
141 93.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

Tgt Ion:142 Resp: 5694
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1

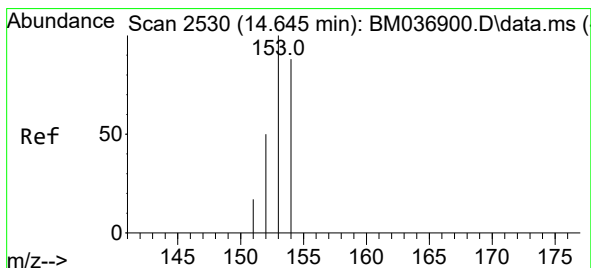
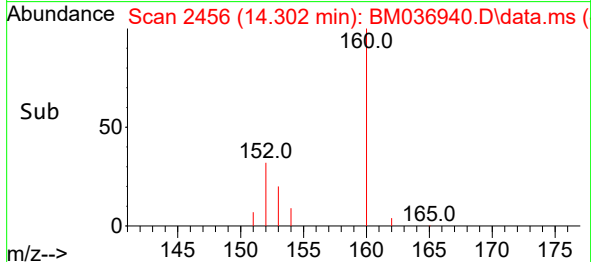
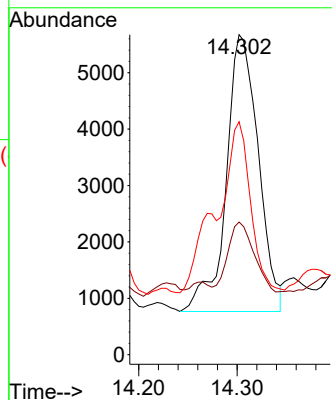
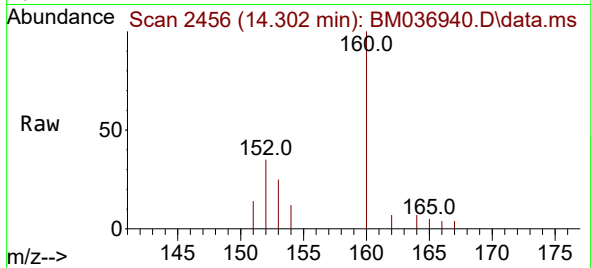




#10
Acenaphthylene
Concen: 0.140 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

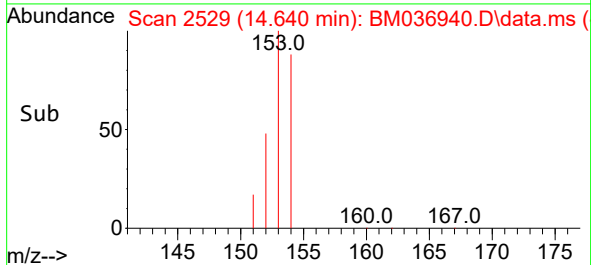
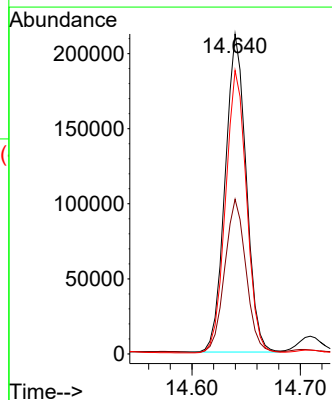
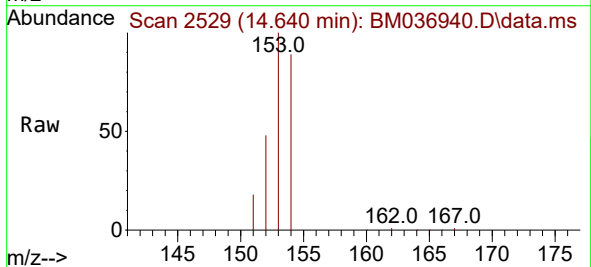
Instrument :
BNA_M
ClientSampleId :
CB8P1

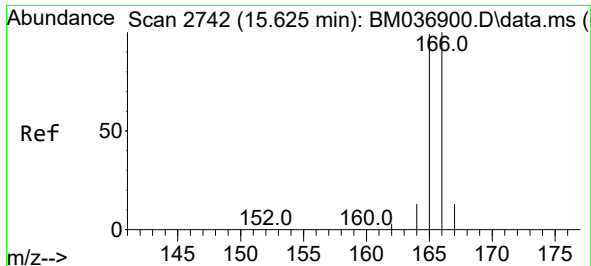
Tgt Ion:152 Resp: 11161
Ion Ratio Lower Upper
152 100
151 41.5 16.6 24.8#
153 72.8 11.4 17.0#



#11
Acenaphthene
Concen: 4.132 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

Tgt Ion:153 Resp: 286271
Ion Ratio Lower Upper
153 100
152 48.4 40.2 60.4
154 88.6 69.7 104.5

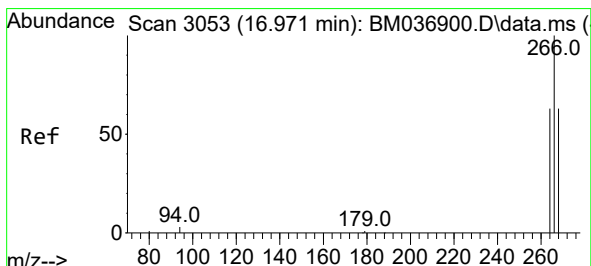
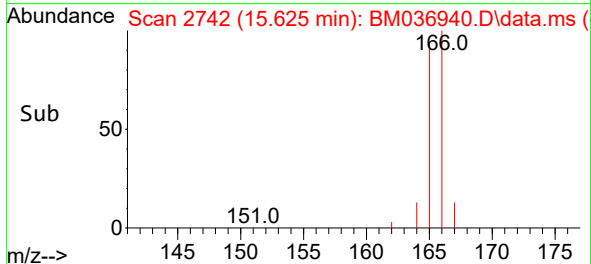
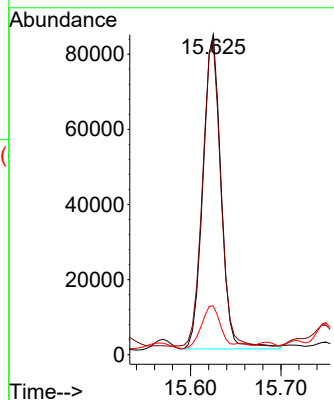
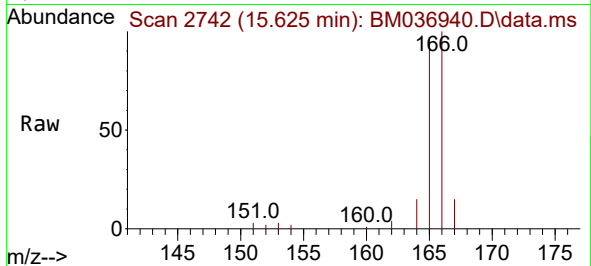




#12
Fluorene
Concen: 1.487 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

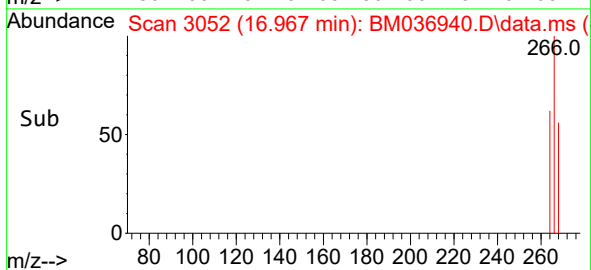
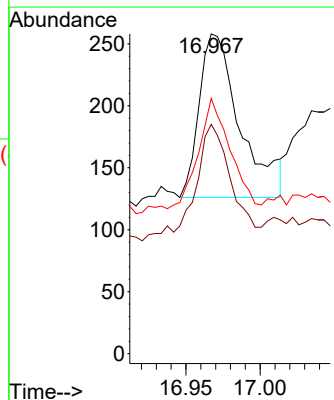
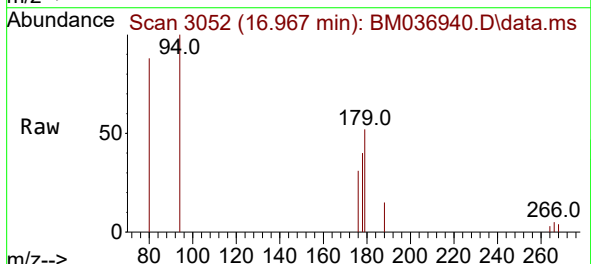
Instrument :
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ClientSampleId :
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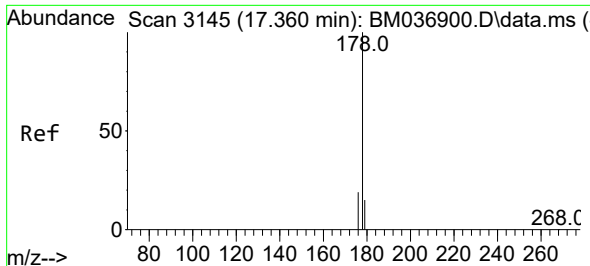
Tgt Ion:166 Resp: 116743
Ion Ratio Lower Upper
166 100
165 97.5 78.9 118.3
167 15.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.034 ng/ul
RT: 16.967 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

Tgt Ion:266 Resp: 252
Ion Ratio Lower Upper
266 100
264 64.7 50.3 75.5
268 58.7 53.5 80.3

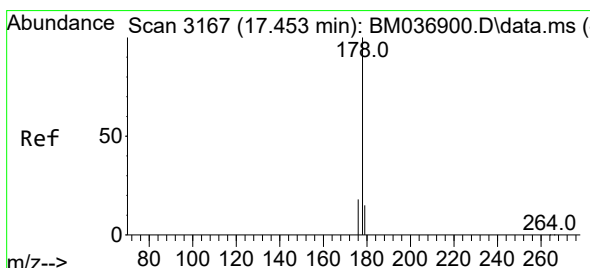
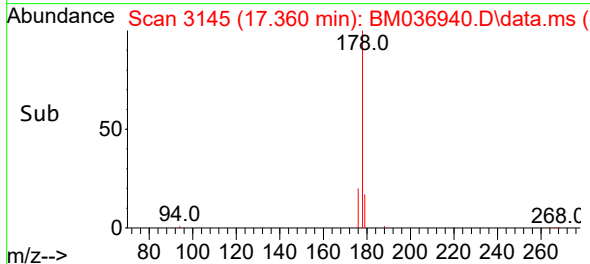
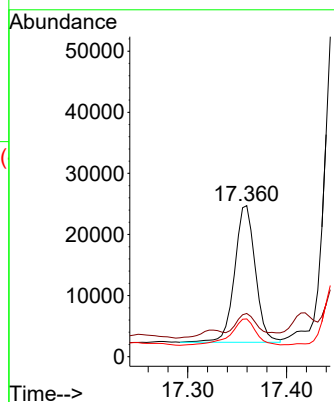
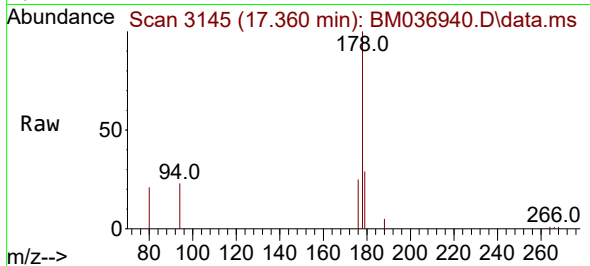




#15
Phenanthrene
Concen: 0.336 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. 0.004 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

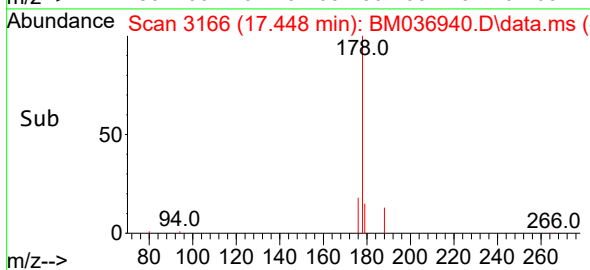
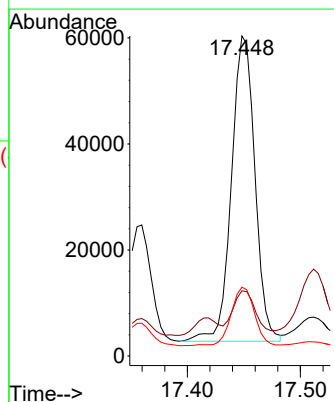
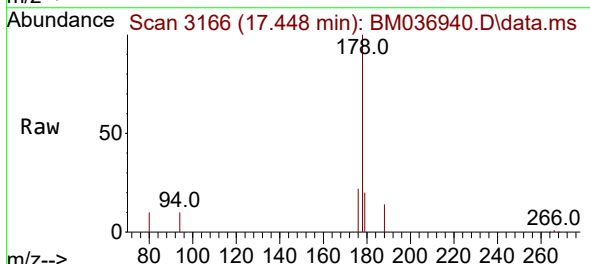
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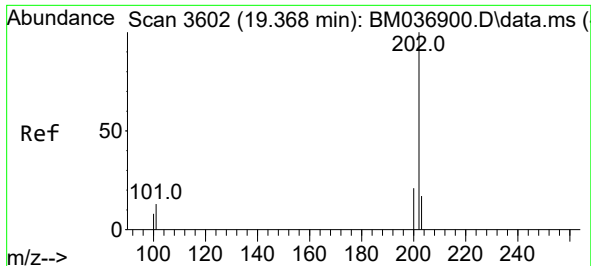
Tgt Ion:178 Resp: 32547
Ion Ratio Lower Upper
178 100
179 28.6 13.0 19.6#
176 25.0 15.6 23.4#



#16
Anthracene
Concen: 1.026 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

Tgt Ion:178 Resp: 83192
Ion Ratio Lower Upper
178 100
179 20.4 13.6 20.4
176 21.5 15.6 23.4

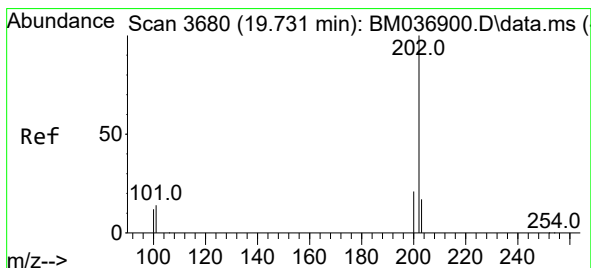
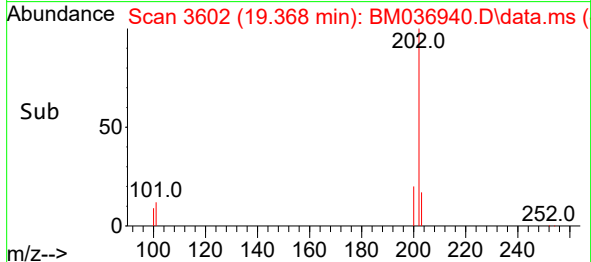
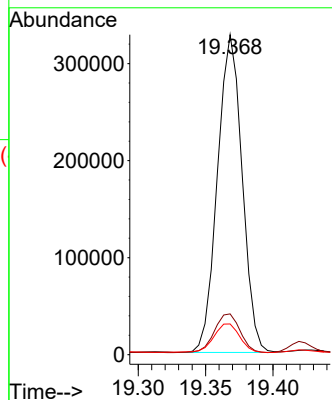
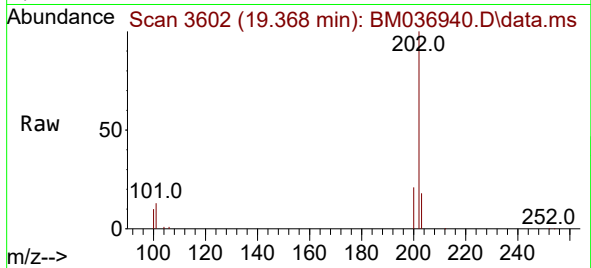




#19
Fluoranthene
Concen: 4.974 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. 0.005 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

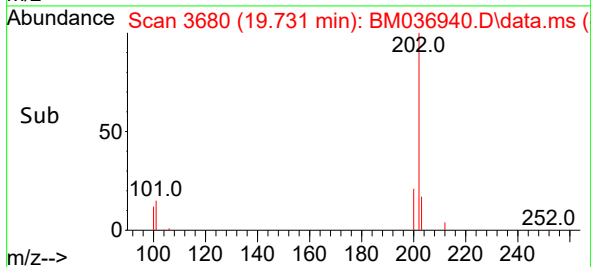
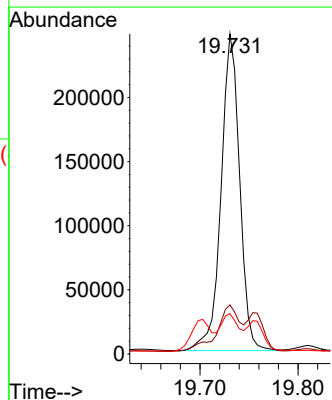
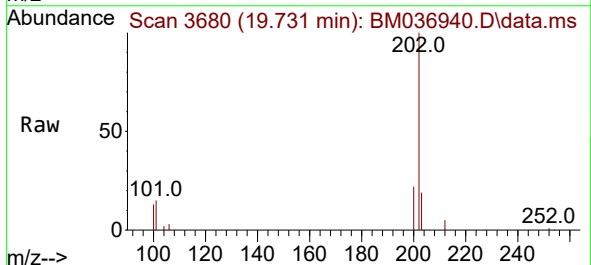
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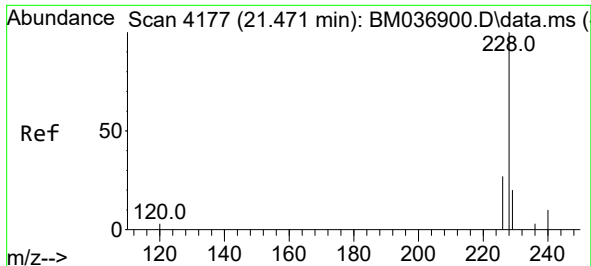
Tgt Ion:202 Resp: 417045
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 9.6 7.9 11.9



#20
Pyrene
Concen: 3.736 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. 0.005 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

Tgt Ion:202 Resp: 326606
Ion Ratio Lower Upper
202 100
101 15.3 12.0 18.0
100 12.6 9.8 14.6

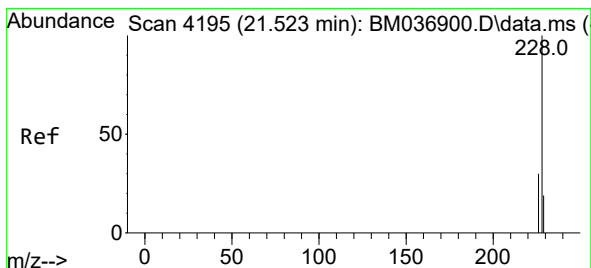
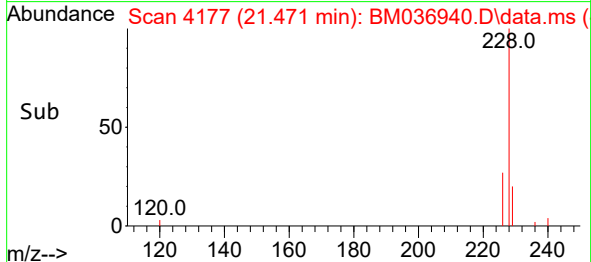
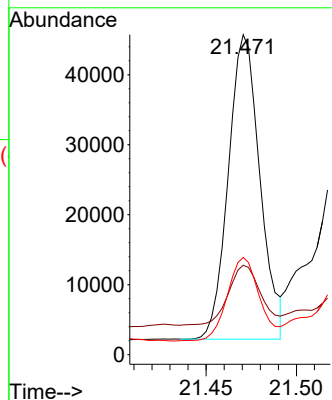
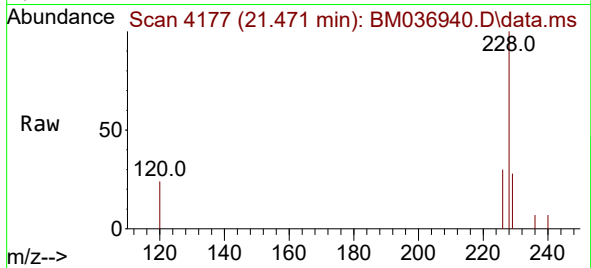




#21
Benzo(a)anthracene
Concen: 0.694 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

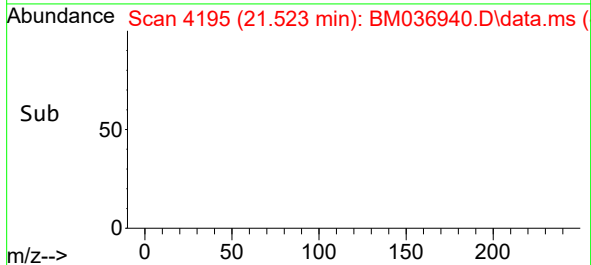
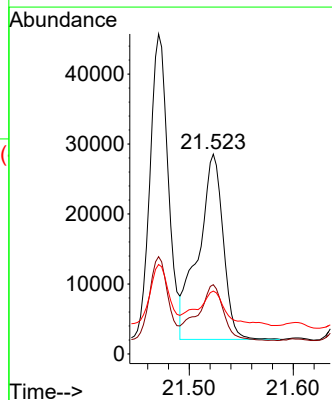
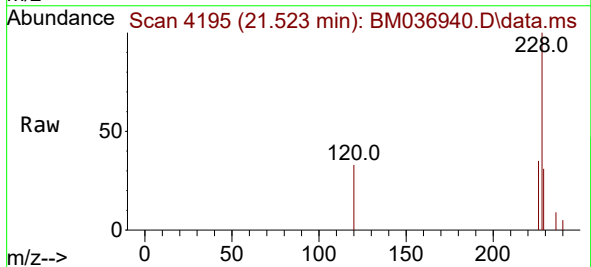
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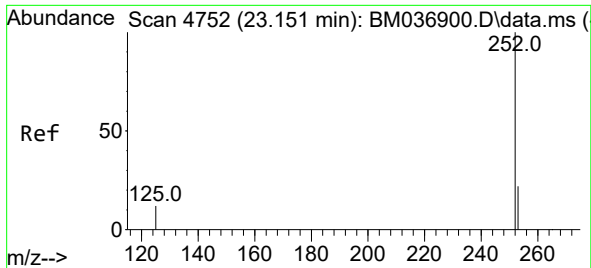
Tgt Ion:228 Resp: 52823
Ion Ratio Lower Upper
228 100
229 27.9 16.2 24.2#
226 30.4 22.5 33.7



#22
Chrysene
Concen: 0.536 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. 0.003 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

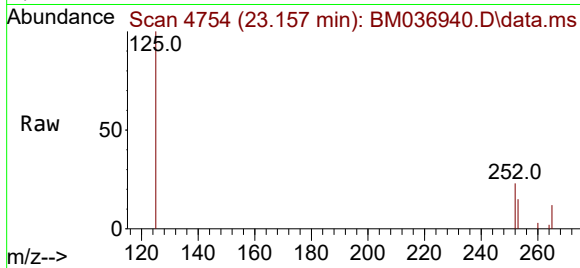
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Ion Ratio Lower Upper
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226 34.7 24.6 37.0
229 31.4 16.4 24.6#



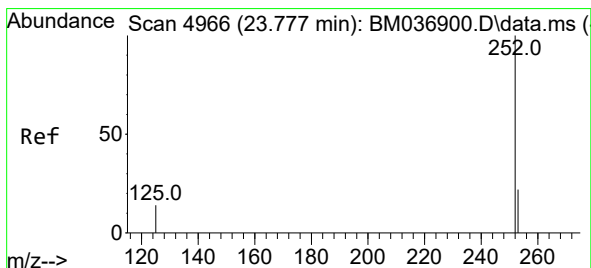
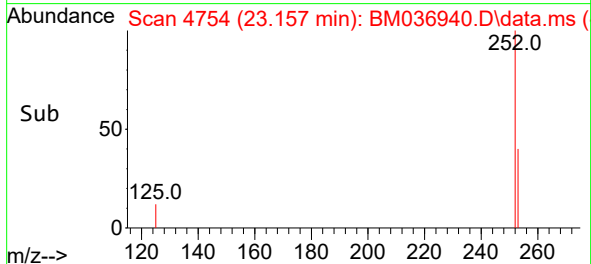
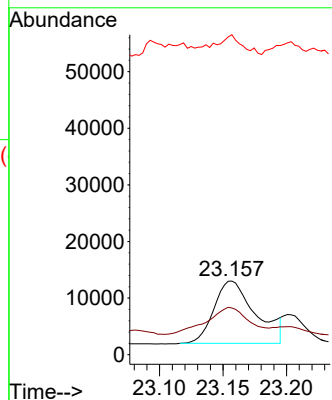


#24
Benzo(b)fluoranthene
Concen: 0.258 ng/ul
RT: 23.157 min Scan# 4754
Delta R.T. 0.012 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

Instrument :
BNA_M
ClientSampleId :
CB8P1

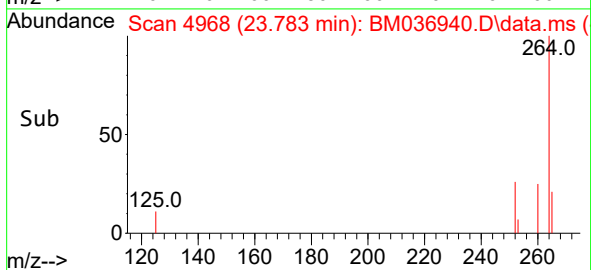
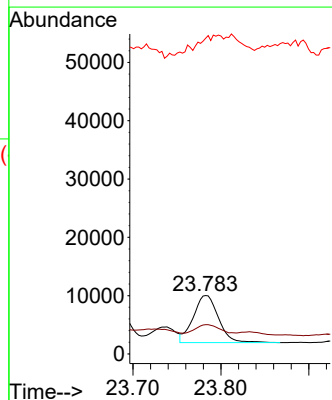
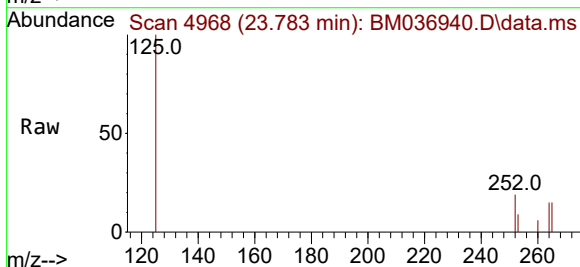


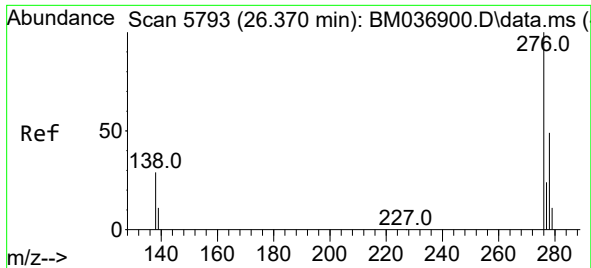
Tgt Ion:252 Resp: 24956
Ion Ratio Lower Upper
252 100
253 63.5 0.0 61.4#
125 434.9 0.0 42.6#



#26
Benzo(a)pyrene
Concen: 0.205 ng/ul
RT: 23.783 min Scan# 4968
Delta R.T. 0.012 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

Tgt Ion:252 Resp: 16110
Ion Ratio Lower Upper
252 100
253 50.0 29.7 44.5#
125 539.9 23.6 35.4#

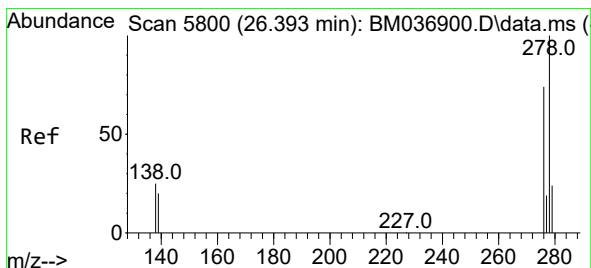
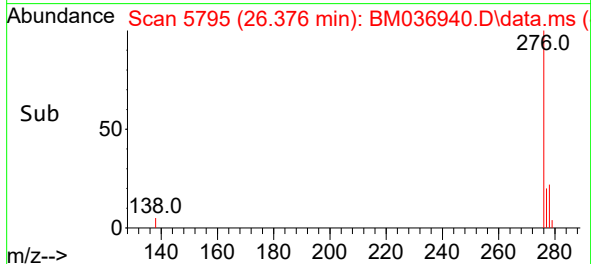
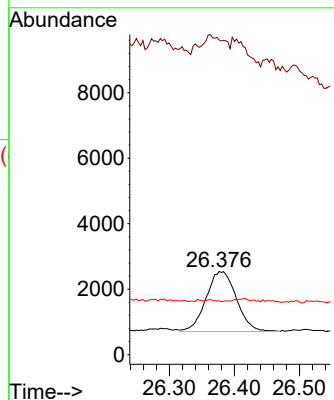
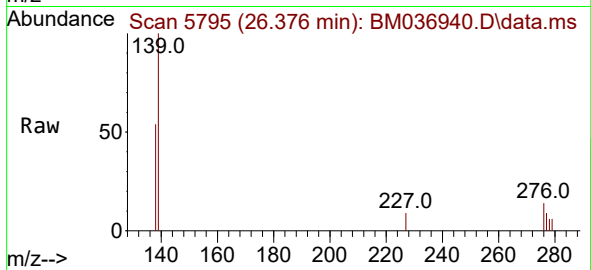




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng/ul
RT: 26.376 min Scan# 5793
Delta R.T. 0.013 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

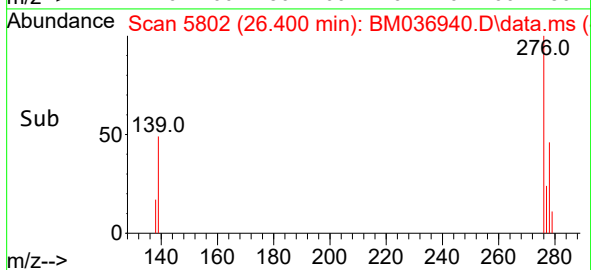
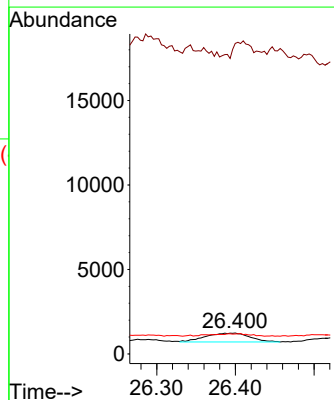
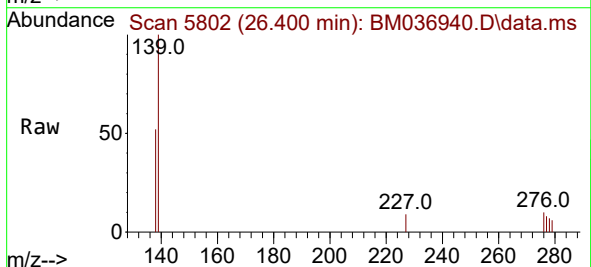
Instrument :
BNA_M
ClientSampleId :
CB8P1

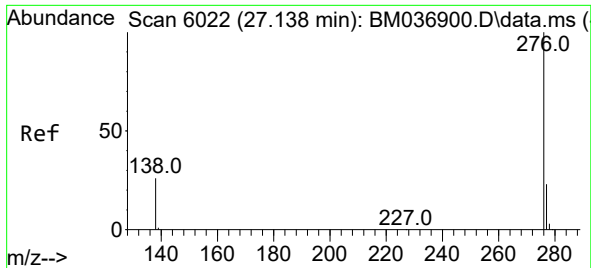
Tgt Ion:276 Resp: 5929
Ion Ratio Lower Upper
276 100
138 69.7 23.9 35.9#
227 1.1 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.400 min Scan# 5802
Delta R.T. 0.020 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

Tgt Ion:278 Resp: 2086
Ion Ratio Lower Upper
278 100
139 1483.1 19.8 29.6#
279 95.3 27.7 41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.078 ng/ul
RT: 27.148 min Scan# 6025
Delta R.T. 0.020 min
Lab File: BM036940.D
Acq: 11 Oct 2022 11:32

Instrument :
BNA_M
ClientSampleId :
CB8P1

Tgt Ion:276 Resp: 7590
Ion Ratio Lower Upper
276 100
138 259.4 23.4 35.0#
277 56.3 21.0 31.4#

