

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040640.D
 Acq On : 05 Jul 2023 14:33
 Operator : MA/JU
 Sample : PB153767BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS767

Quant Time: Jul 05 16:25:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 09:30:35 2023
 Response via : Initial Calibration

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

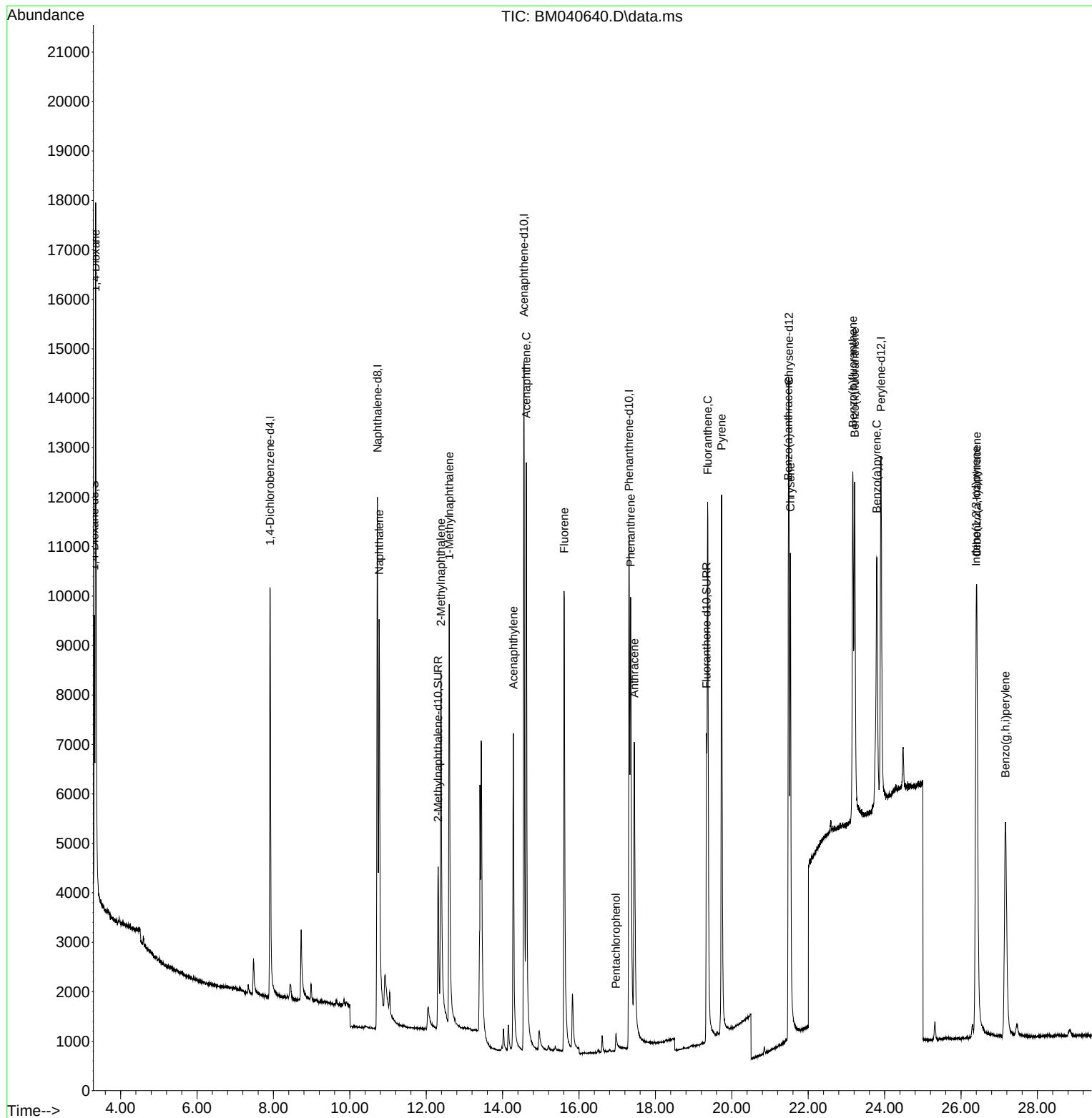
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	5187	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	20050	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.559	164	9511	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	17631	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	11294	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	12197	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	3451	0.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	6750	0.240	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	9399	0.260	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	9410	1.135	ng/ul	94
5) Naphthalene	10.767	128	13476	0.244	ng/ul	98
7) 2-Methylnaphthalene	12.384	142	7792	0.240	ng/ul	97
8) 1-Methylnaphthalene	12.604	142	7616	0.235	ng/ul	99
10) Acenaphthylene	14.281	152	10245	0.241	ng/ul	98
11) Acenaphthene	14.619	153	8341	0.232	ng/ul	98
12) Fluorene	15.613	166	8798	0.230	ng/ul	100
14) Pentachlorophenol	16.969	266	506	0.149	ng/ul	88
15) Phenanthrene	17.353	178	12408	0.227	ng/ul	98
16) Anthracene	17.446	178	10590	0.230	ng/ul	97
19) Fluoranthene	19.370	202	12345	0.257	ng/ul	100
20) Pyrene	19.733	202	12939	0.252	ng/ul	99
21) Benzo(a)anthracene	21.480	228	9730	0.255	ng/ul	98
22) Chrysene	21.535	228	10506	0.241	ng/ul	99
24) Benzo(b)fluoranthene	23.166	252	11016	0.233	ng/ul	87
25) Benzo(k)fluoranthene	23.216	252	11039	0.237	ng/ul#	87
26) Benzo(a)pyrene	23.795	252	10162	0.239	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.397	276	14593	0.246	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.414	278	11482	0.248	ng/ul	93
29) Benzo(g,h,i)perylene	27.161	276	12701	0.245	ng/ul	96

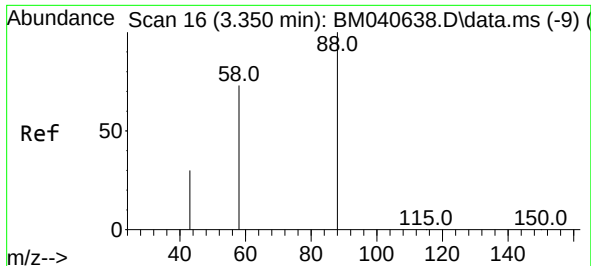
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
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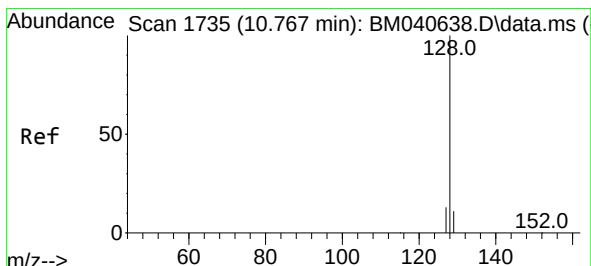
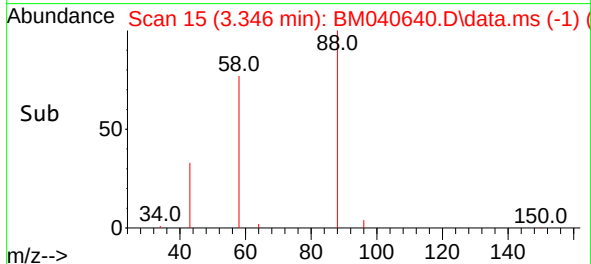
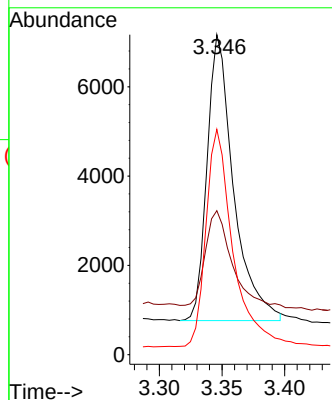
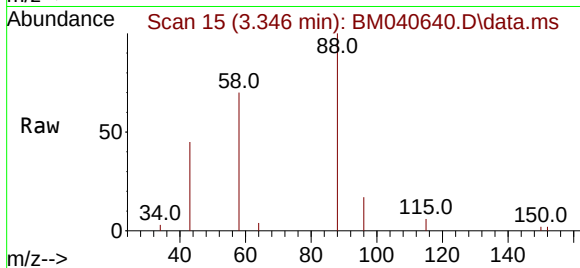




#2
1,4-Dioxane
Concen: 1.135 ng/ul
RT: 3.346 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

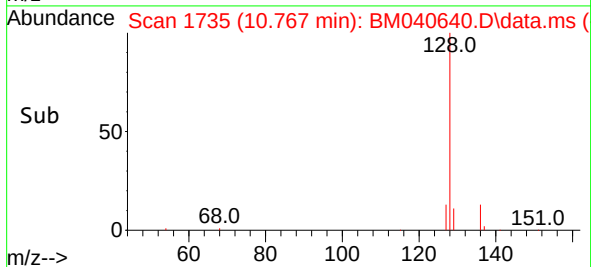
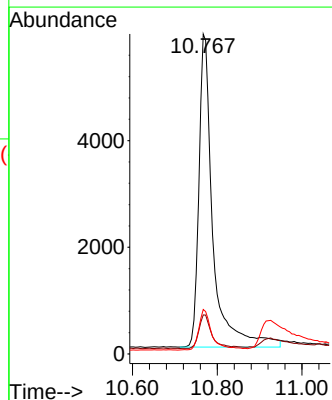
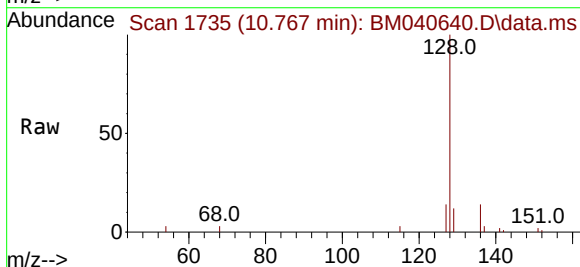
Instrument :
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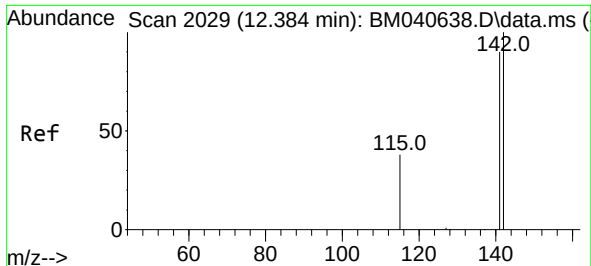
Tgt Ion: 88 Resp: 9410
Ion Ratio Lower Upper
88 100
43 45.0 36.1 54.1
58 70.4 49.8 74.8



#5
Naphthalene
Concen: 0.244 ng/ul
RT: 10.767 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

Tgt Ion:128 Resp: 13476
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.9 10.6 15.8

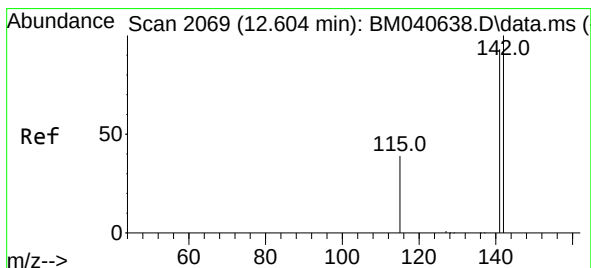
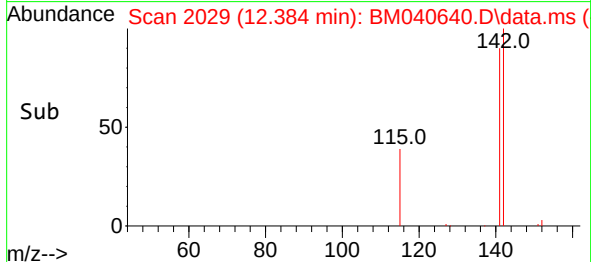
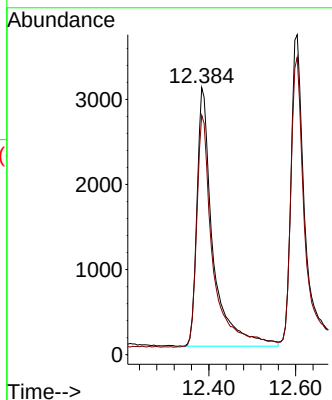
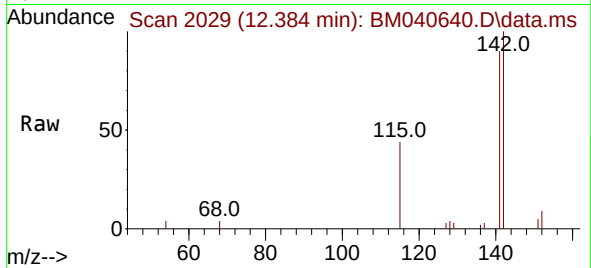




#7
2-Methylnaphthalene
Concen: 0.240 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

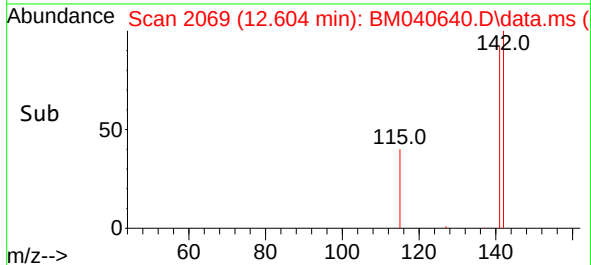
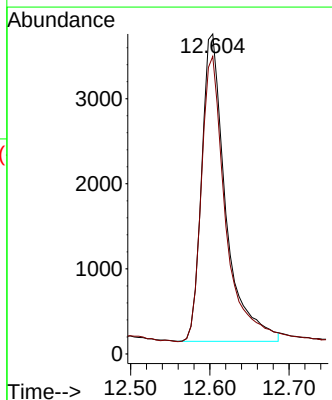
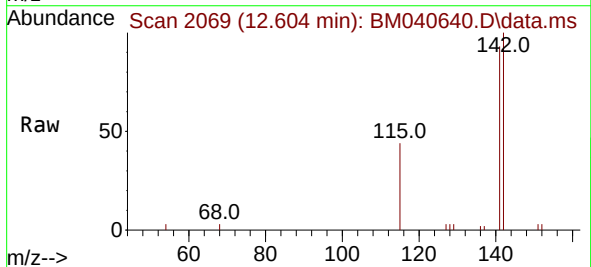
Instrument :
BNA_M
ClientSampleId :
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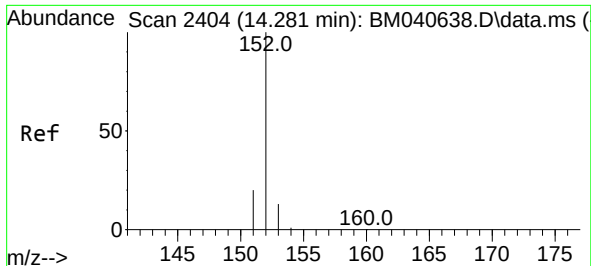
Tgt Ion:142 Resp: 7792
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.235 ng/ul
RT: 12.604 min Scan# 2069
Delta R.T. 0.001 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

Tgt Ion:142 Resp: 7616
Ion Ratio Lower Upper
142 100
141 93.3 73.7 110.5

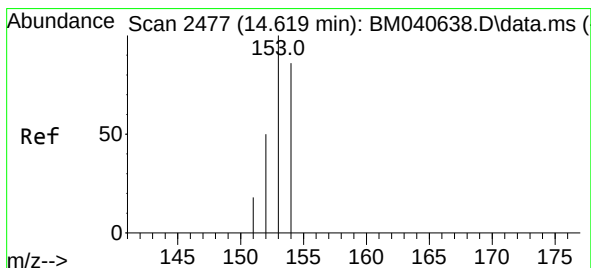
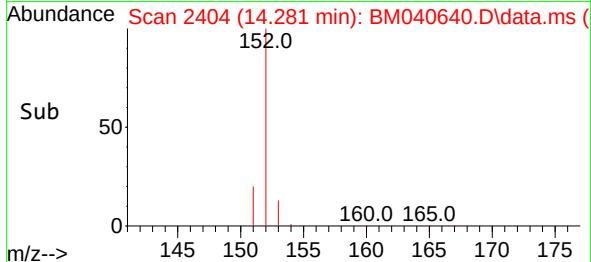
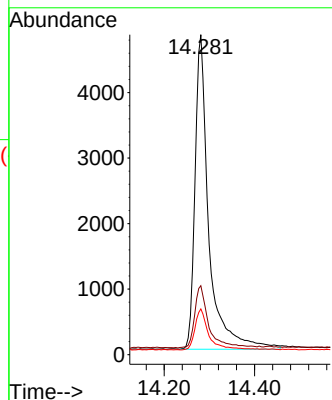
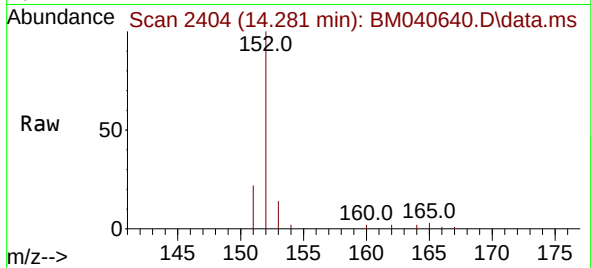




#10
Acenaphthylene
Concen: 0.241 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. 0.001 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

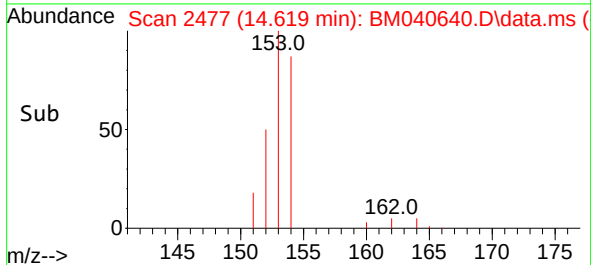
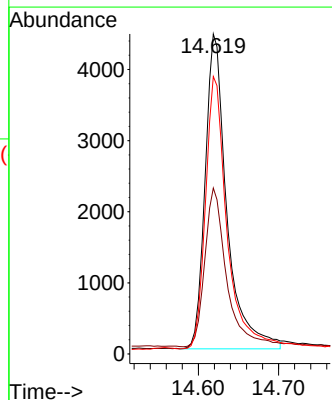
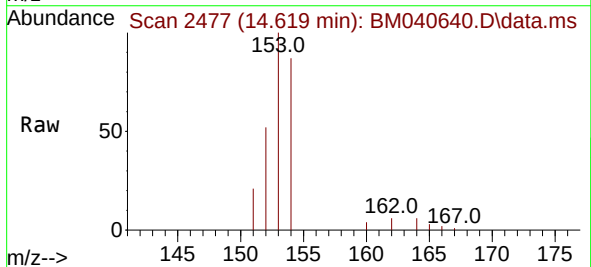
Instrument :
BNA_M
ClientSampleId :
SLCS767

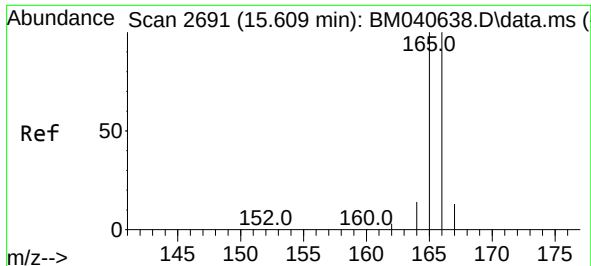
Tgt Ion:152 Resp: 10245
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 14.3 10.9 16.3



#11
Acenaphthene
Concen: 0.232 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. 0.001 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

Tgt Ion:153 Resp: 8341
Ion Ratio Lower Upper
153 100
152 51.8 41.0 61.4
154 86.7 70.8 106.2

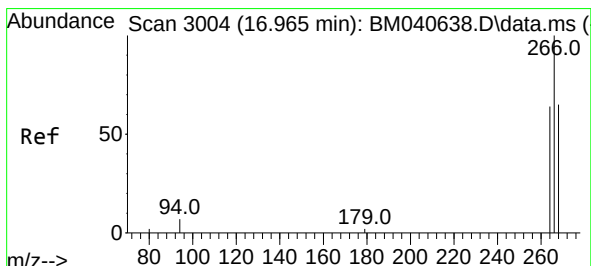
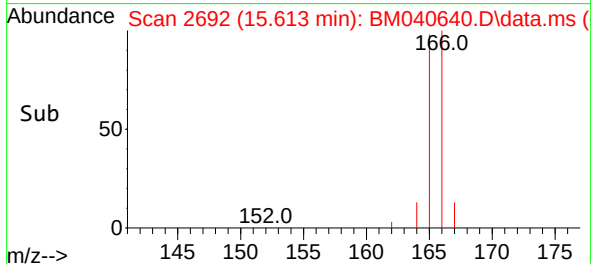
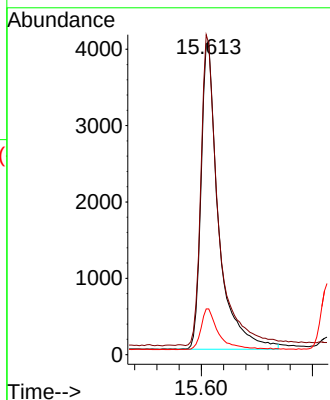
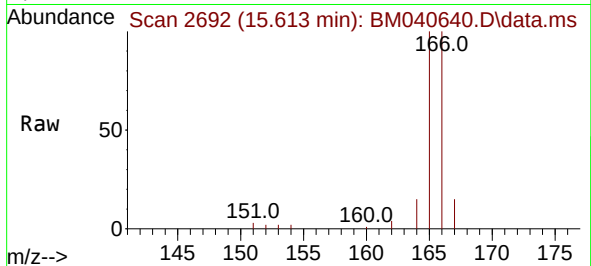




#12
 Fluorene
 Concen: 0.230 ng/ul
 RT: 15.613 min Scan# 2
 Delta R.T. 0.006 min
 Lab File: BM040640.D
 Acq: 05 Jul 2023 14:33

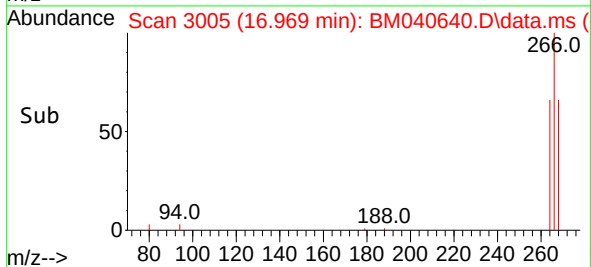
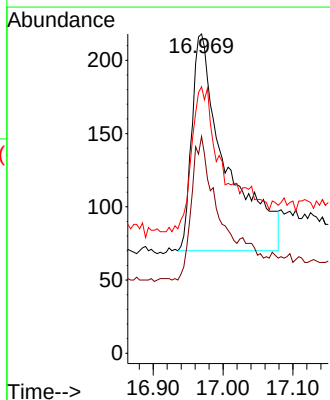
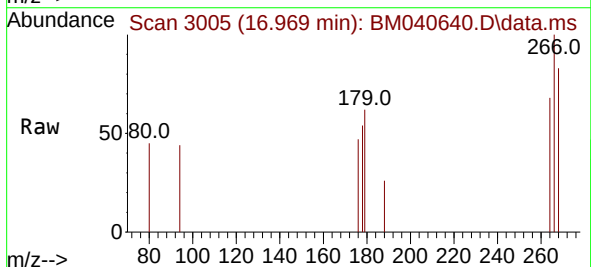
Instrument :
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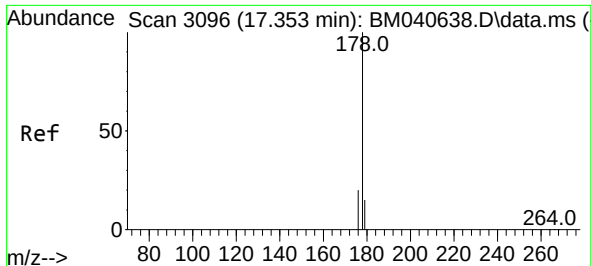
Tgt Ion:166 Resp: 8798
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.6 119.4
 167 14.7 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.149 ng/ul
 RT: 16.969 min Scan# 3005
 Delta R.T. 0.001 min
 Lab File: BM040640.D
 Acq: 05 Jul 2023 14:33

Tgt Ion:266 Resp: 506
 Ion Ratio Lower Upper
 266 100
 264 63.2 45.4 68.0
 268 70.6 47.2 70.8

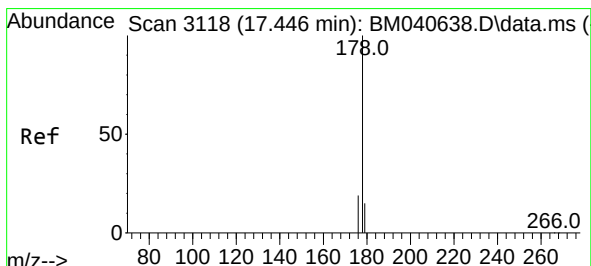
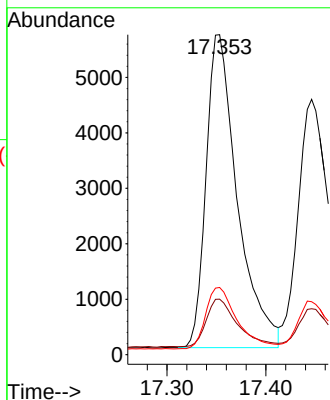
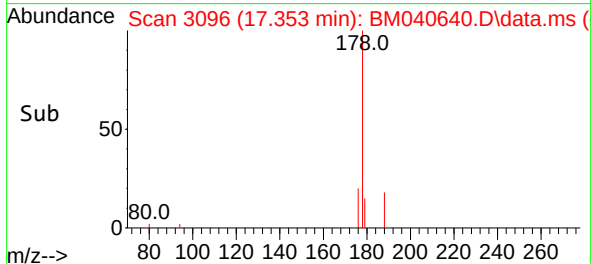
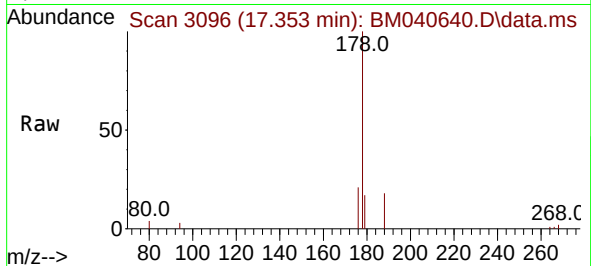




#15
Phenanthrene
Concen: 0.227 ng/ul
RT: 17.353 min Scan# 3096
Delta R.T. 0.001 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

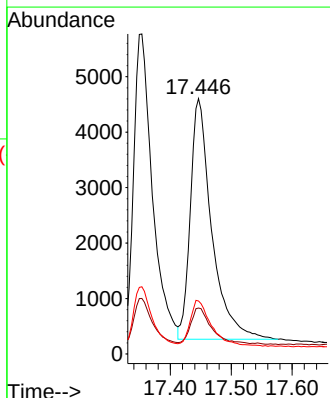
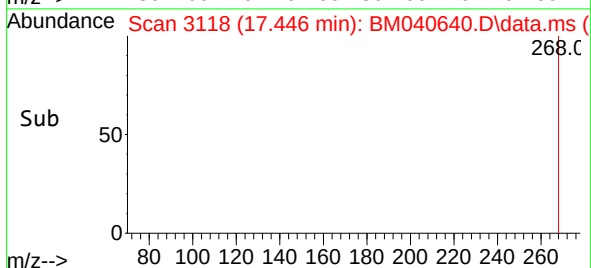
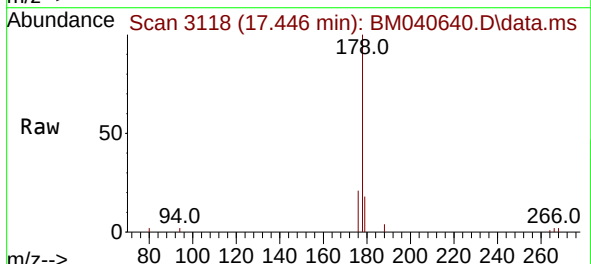
Instrument :
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ClientSampleId :
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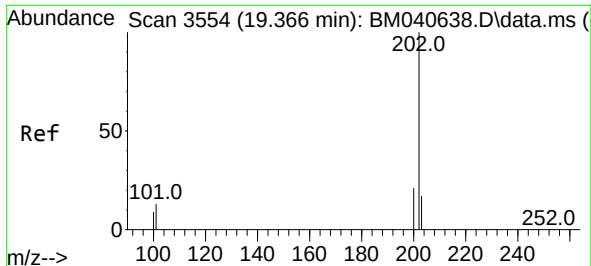
Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.8	19.2
176	21.0	16.4	24.6



#16
Anthracene
Concen: 0.230 ng/ul
RT: 17.446 min Scan# 3118
Delta R.T. 0.001 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.9	19.3
176	20.7	15.8	23.6

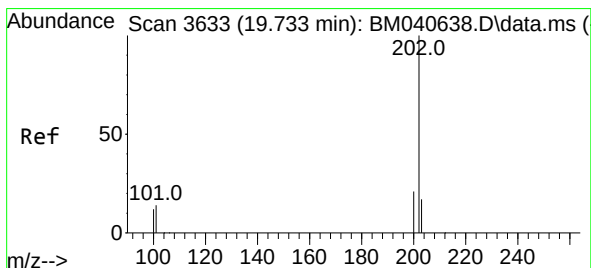
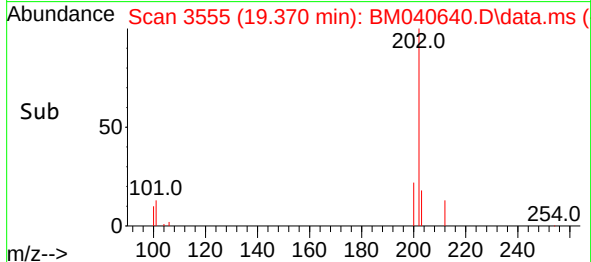
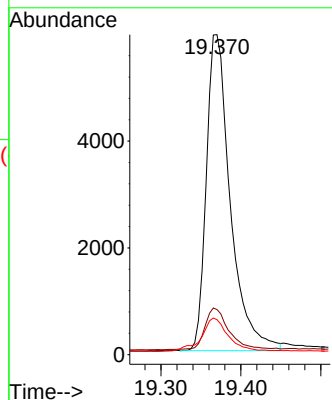
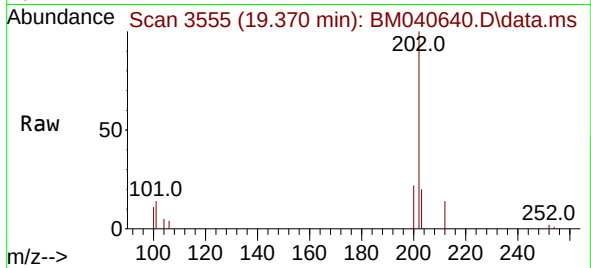




#19
Fluoranthene
Concen: 0.257 ng/ul
RT: 19.370 min Scan# 3555
Delta R.T. 0.001 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

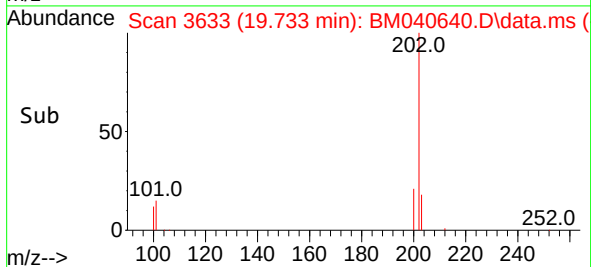
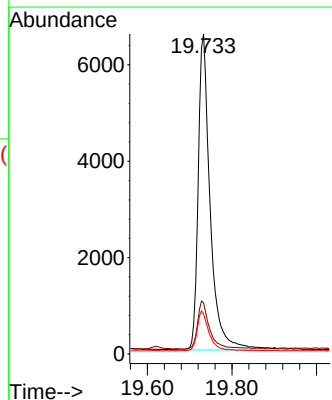
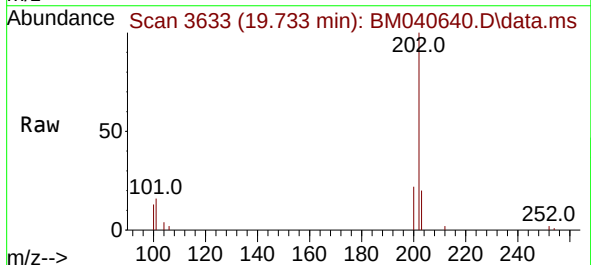
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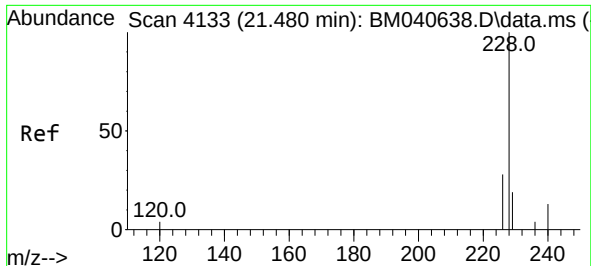
Tgt Ion:202 Resp: 12345
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.0 8.7 13.1



#20
Pyrene
Concen: 0.252 ng/ul
RT: 19.733 min Scan# 3633
Delta R.T. 0.001 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

Tgt Ion:202 Resp: 12939
Ion Ratio Lower Upper
202 100
101 16.0 12.6 18.8
100 12.6 9.8 14.6

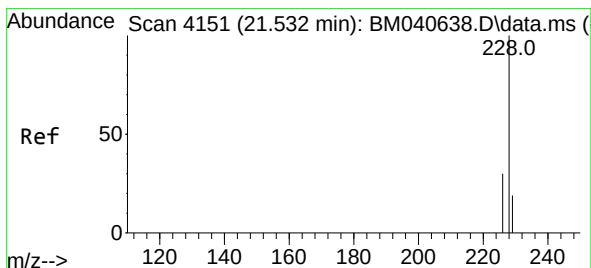
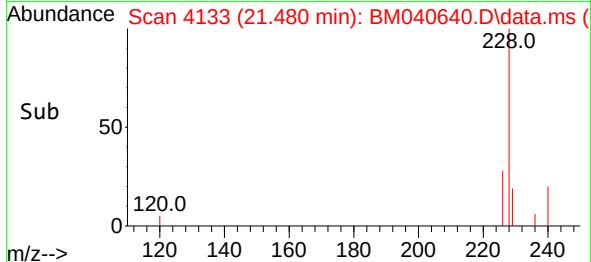
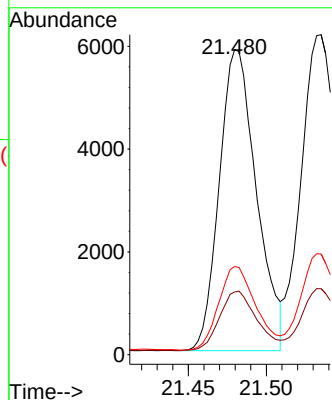
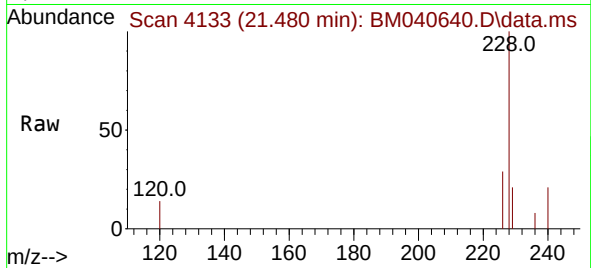




#21
Benzo(a)anthracene
Concen: 0.255 ng/ul
RT: 21.480 min Scan# 4133
Delta R.T. 0.001 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

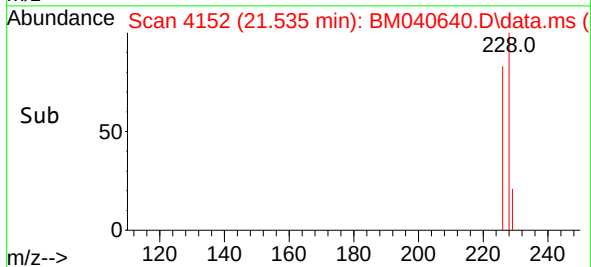
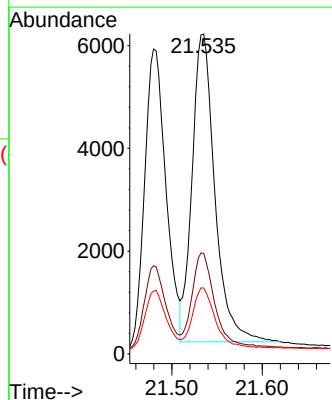
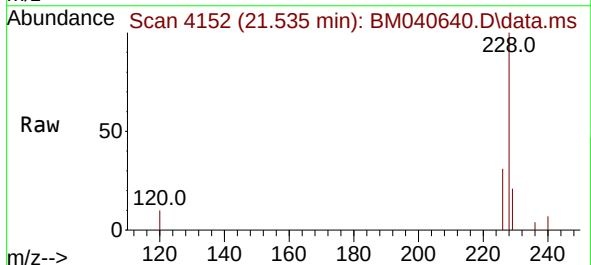
Instrument :
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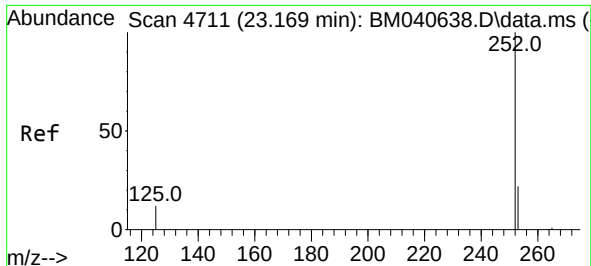
Tgt Ion:228 Resp: 9730
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.9 22.3 33.5



#22
Chrysene
Concen: 0.241 ng/ul
RT: 21.535 min Scan# 4152
Delta R.T. 0.004 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

Tgt Ion:228 Resp: 10506
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 20.6 15.8 23.6

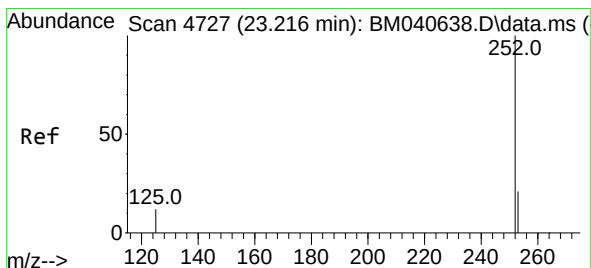
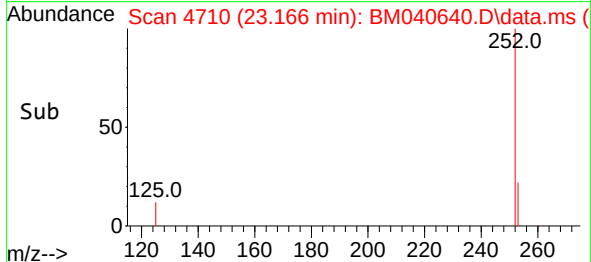
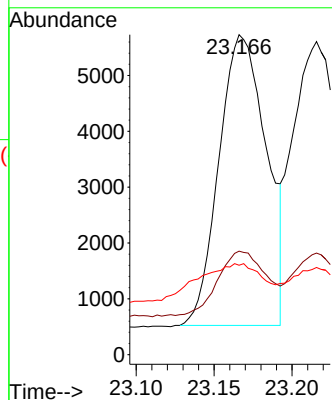
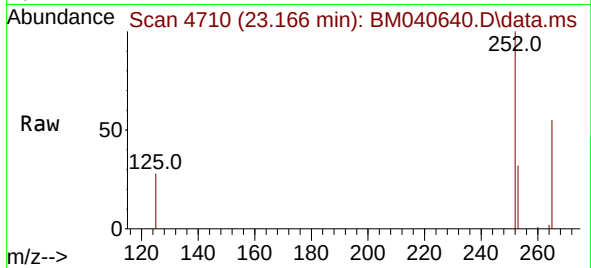




#24
Benzo(b)fluoranthene
Concen: 0.233 ng/ul
RT: 23.166 min Scan# 4710
Delta R.T. -0.002 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

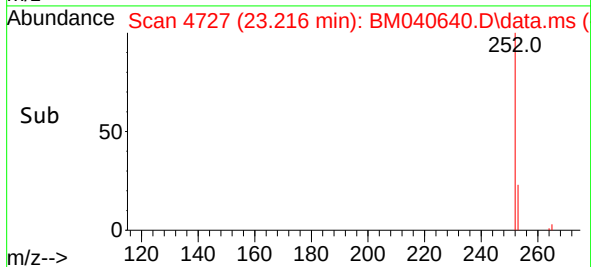
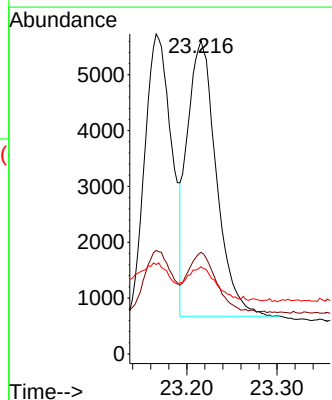
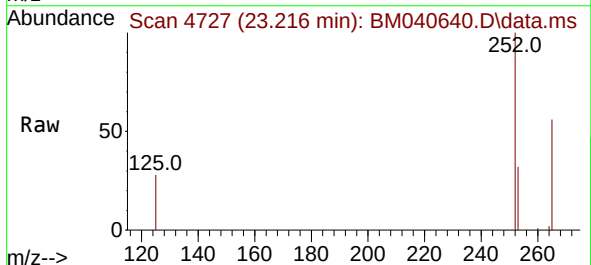
Instrument :
BNA_M
ClientSampleId :
SLCS767

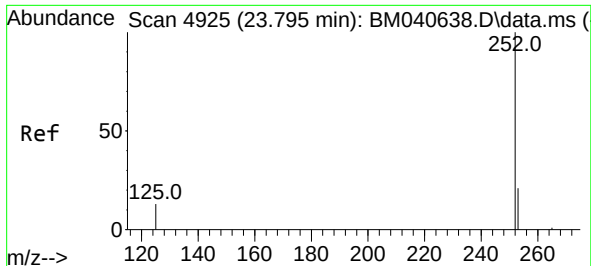
Tgt Ion:252	Resp:	11016
Ion Ratio	Lower	Upper
252	100	
253	32.3	0.0 52.8
125	28.0	0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.237 ng/ul
RT: 23.216 min Scan# 4727
Delta R.T. 0.004 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

Tgt Ion:252	Resp:	11039
Ion Ratio	Lower	Upper
252	100	
253	32.5	21.2 31.8#
125	27.8	16.4 24.6#

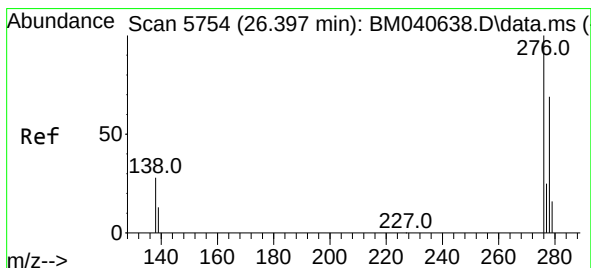
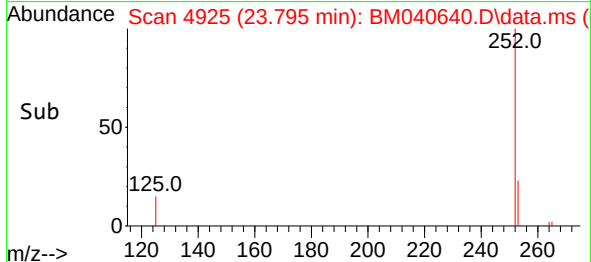
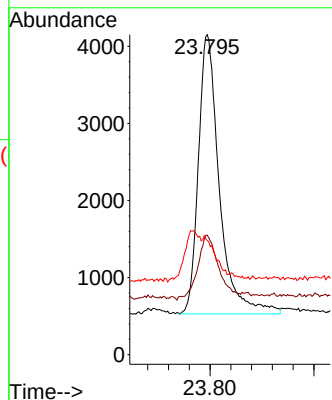
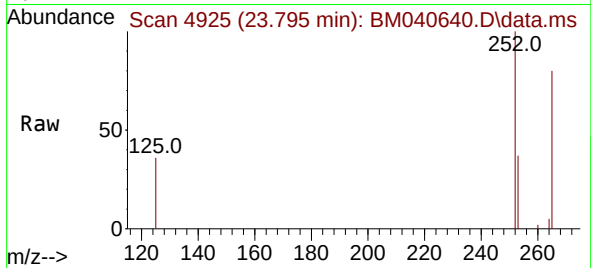




#26
Benzo(a)pyrene
Concen: 0.239 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. 0.001 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

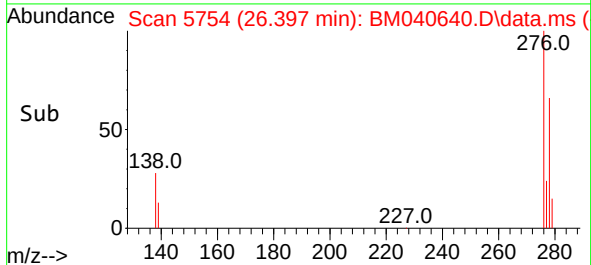
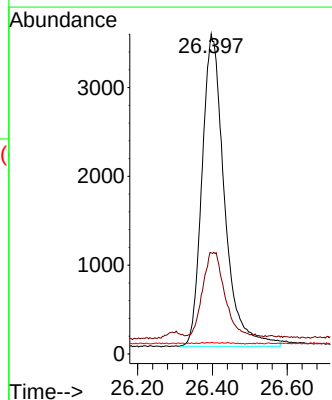
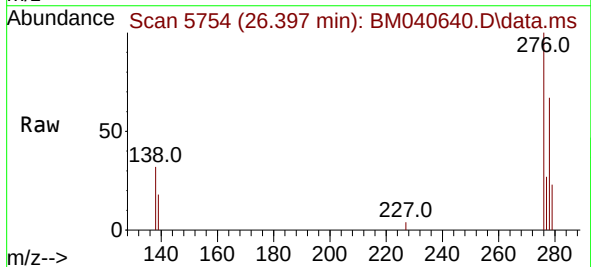
Instrument :
BNA_M
ClientSampleId :
SLCS767

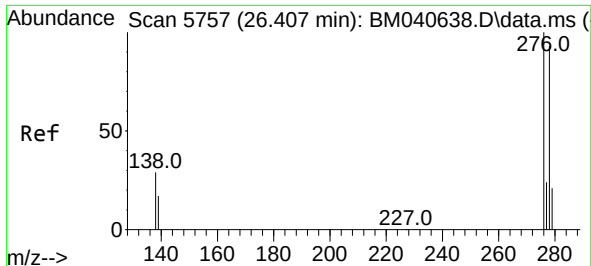
Tgt Ion:252 Resp: 10162
Ion Ratio Lower Upper
252 100
253 37.3 22.9 34.3#
125 35.7 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul
RT: 26.397 min Scan# 5754
Delta R.T. 0.008 min
Lab File: BM040640.D
Acq: 05 Jul 2023 14:33

Tgt Ion:276 Resp: 14593
Ion Ratio Lower Upper
276 100
138 27.2 24.5 36.7
227 0.0 0.1 0.1#

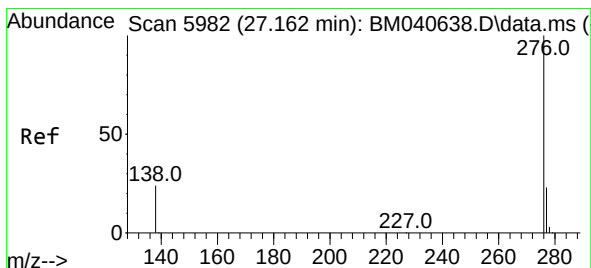
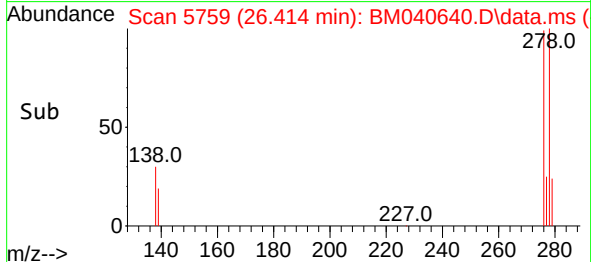
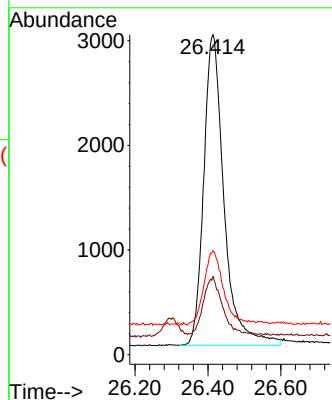
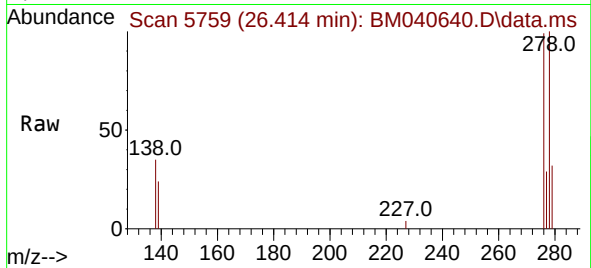




#28
 Dibenzo(a,h)anthracene
 Concen: 0.248 ng/ul
 RT: 26.414 min Scan# 5759
 Delta R.T. 0.005 min
 Lab File: BM040640.D
 Acq: 05 Jul 2023 14:33

Instrument :
 BNA_M
 ClientSampleId :
 SLCS767

Tgt Ion:278 Resp: 11482
 Ion Ratio Lower Upper
 278 100
 139 24.4 17.9 26.9
 279 32.5 22.0 33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.245 ng/ul
 RT: 27.161 min Scan# 5982
 Delta R.T. -0.002 min
 Lab File: BM040640.D
 Acq: 05 Jul 2023 14:33

Tgt Ion:276 Resp: 12701
 Ion Ratio Lower Upper
 276 100
 138 30.4 23.0 34.6
 277 28.4 20.3 30.5

