

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110522\
 Data File : BM037380.D
 Acq On : 05 Nov 2022 16:42
 Operator : CG/JU
 Sample : SSTD3.284
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2041

Quant Time: Nov 07 00:19:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:16:16 2022
 Response via : Initial Calibration

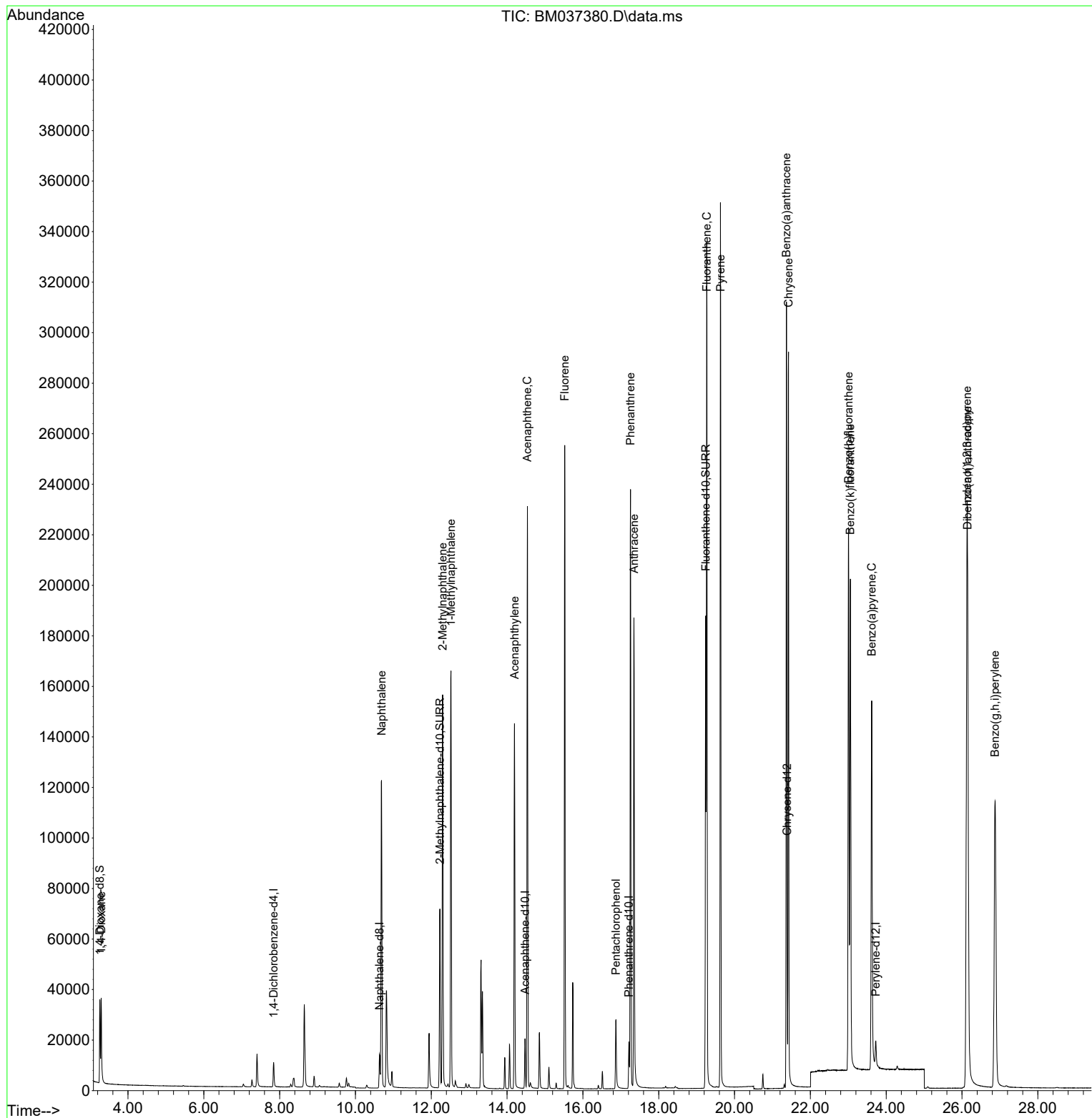
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	5475	0.400	ng/ul	0.00
4) Naphthalene-d8	10.633	136	17730	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	10372	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	21451	0.400	ng/ul	0.00
17) Chrysene-d12	21.383	240	17313	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	14441	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	20949	3.138	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	91363	3.624	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	187490	3.580	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	21406	3.087	ng/ul#	83
5) Naphthalene	10.688	128	169529	3.228	ng/ul	99
7) 2-Methylnaphthalene	12.299	142	110327	3.508	ng/ul	99
8) 1-Methylnaphthalene	12.519	142	115154	3.587	ng/ul	100
10) Acenaphthylene	14.196	152	160413	3.600	ng/ul	98
11) Acenaphthene	14.533	153	128764	3.198	ng/ul	99
12) Fluorene	15.519	166	150183	3.188	ng/ul	100
14) Pentachlorophenol	16.870	266	21382	4.117	ng/ul	99
15) Phenanthrene	17.254	178	235450	3.251	ng/ul	98
16) Anthracene	17.347	178	211348	3.685	ng/ul	99
19) Fluoranthene	19.266	202	275626	3.665	ng/ul	98
20) Pyrene	19.628	202	279834	3.670	ng/ul	98
21) Benzo(a)anthracene	21.368	228	255101	3.797	ng/ul	100
22) Chrysene	21.421	228	250175	3.236	ng/ul	100
24) Benzo(b)fluoranthene	23.005	252	274955	3.594	ng/ul	91
25) Benzo(k)fluoranthene	23.055	252	259221	3.507	ng/ul#	89
26) Benzo(a)pyrene	23.616	252	228909	3.727	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.128	276	313097	3.650	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.148	278	243444	3.596	ng/ul	95
29) Benzo(g,h,i)perylene	26.869	276	259714	3.442	ng/ul	97

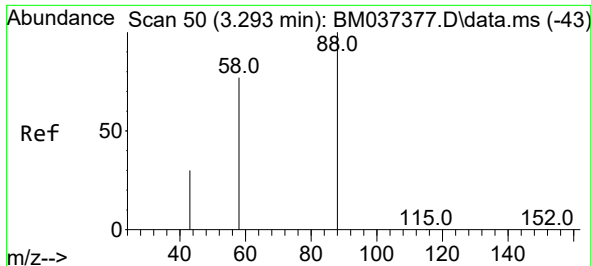
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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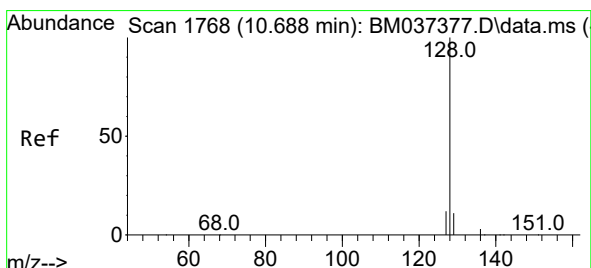
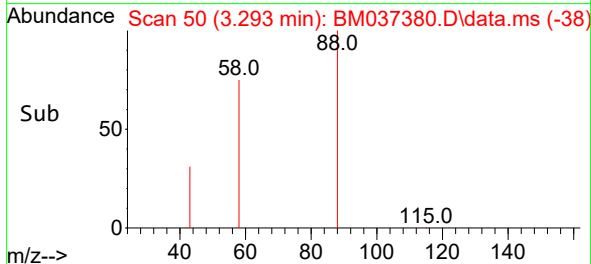
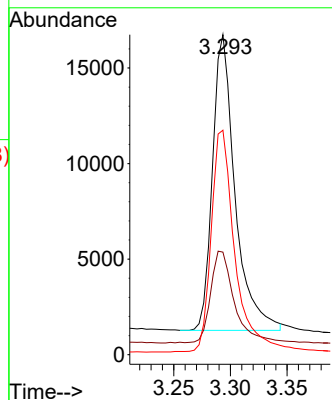
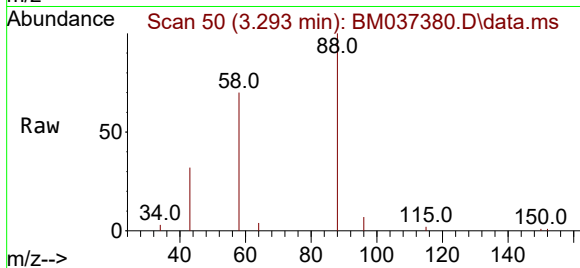




#2
1,4-Dioxane
Concen: 3.087 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

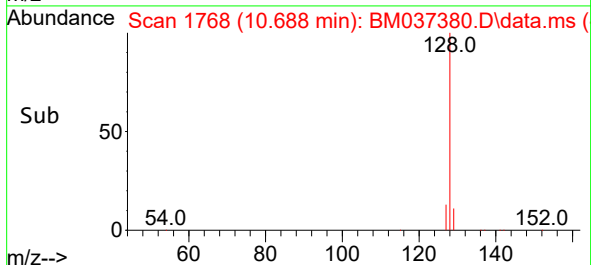
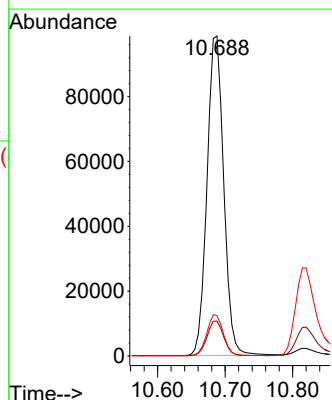
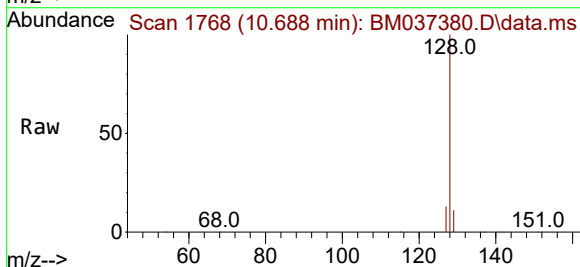
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

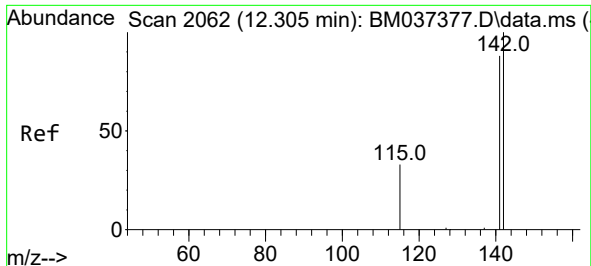
Tgt Ion: 88 Resp: 21406
Ion Ratio Lower Upper
88 100
43 32.1 39.9 59.9#
58 70.1 50.2 75.2



#5
Naphthalene
Concen: 3.228 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

Tgt Ion: 128 Resp: 169529
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 12.6 10.2 15.4

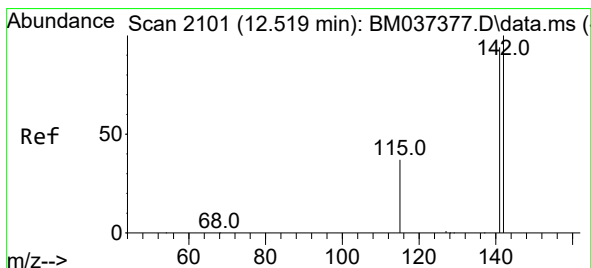
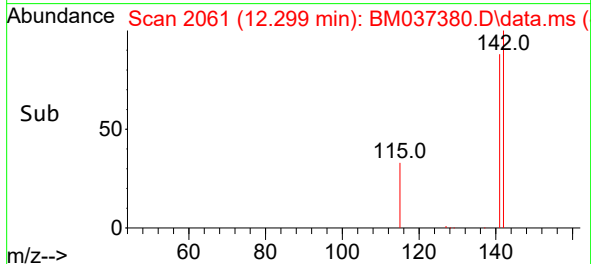
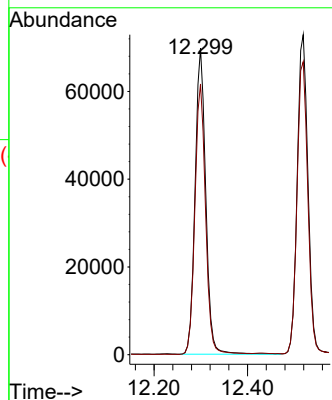
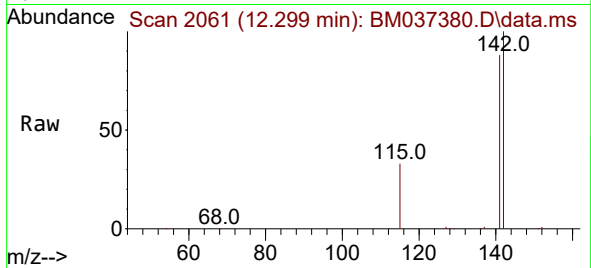




#7
2-Methylnaphthalene
Concen: 3.508 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

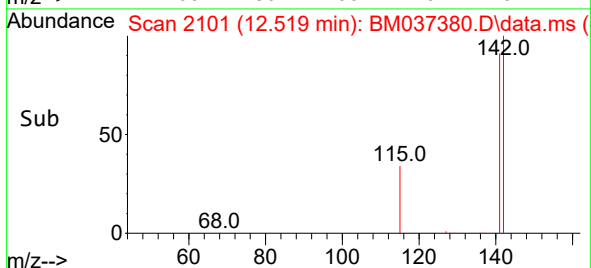
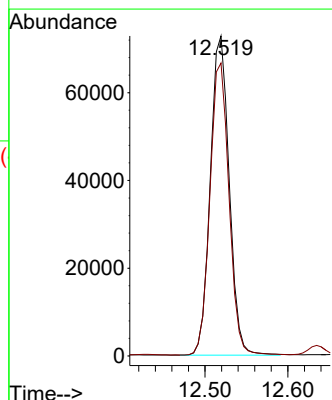
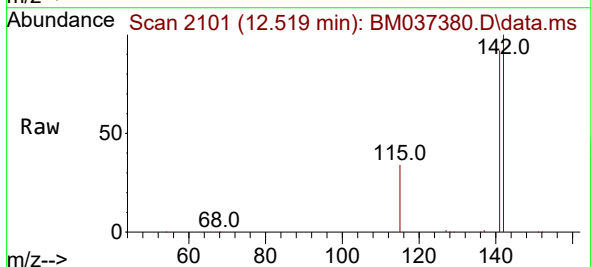
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

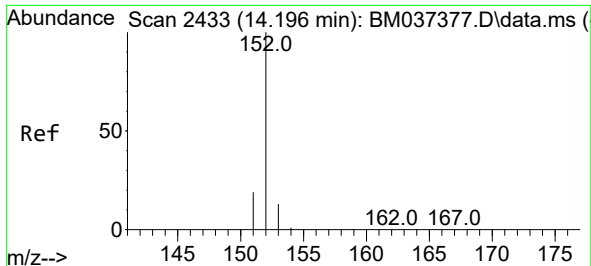
Tgt Ion:142 Resp: 110327
Ion Ratio Lower Upper
142 100
141 88.7 70.6 105.8



#8
1-Methylnaphthalene
Concen: 3.587 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

Tgt Ion:142 Resp: 115154
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9

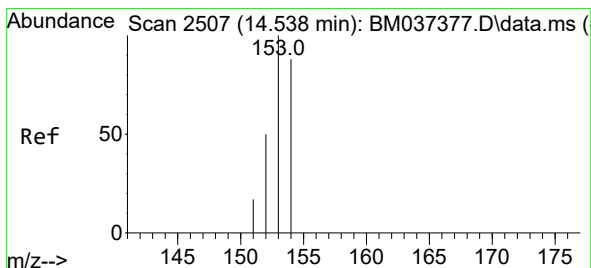
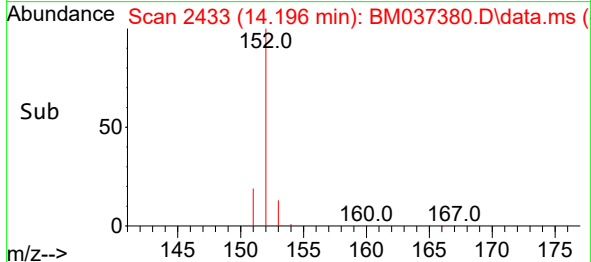
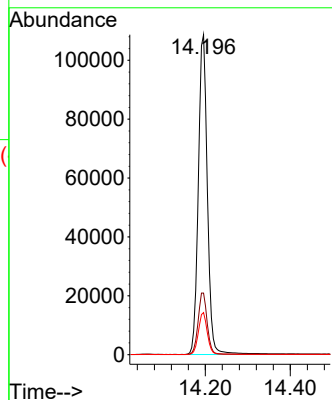
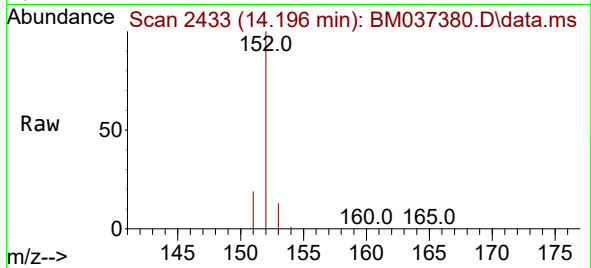




#10
Acenaphthylene
Concen: 3.600 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

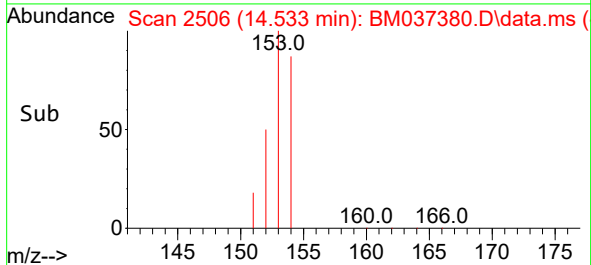
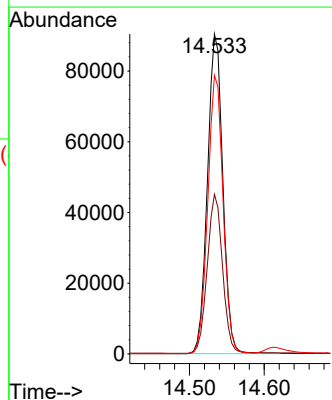
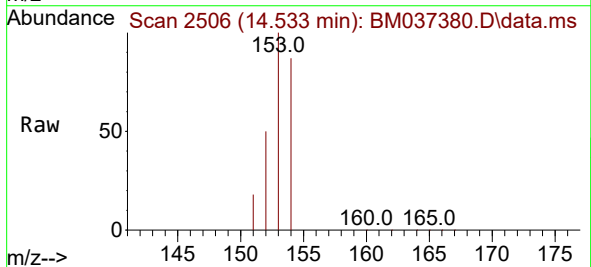
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ClientSampleId :
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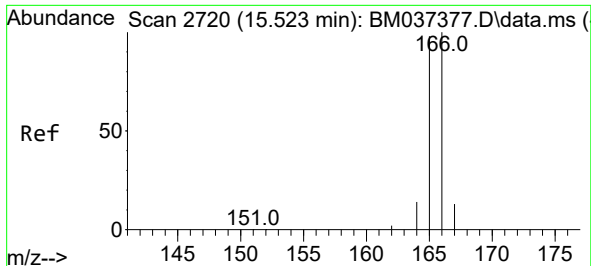
Tgt Ion:152 Resp: 160413
Ion Ratio Lower Upper
152 100
151 19.3 16.1 24.1
153 13.1 11.0 16.4



#11
Acenaphthene
Concen: 3.198 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

Tgt Ion:153 Resp: 128764
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 87.1 70.4 105.6

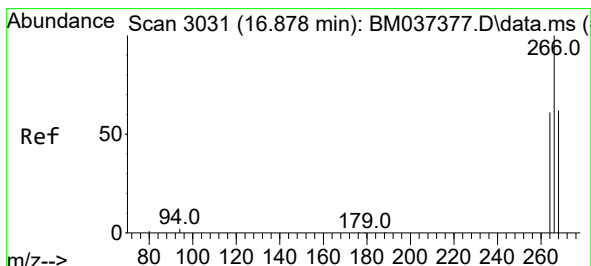
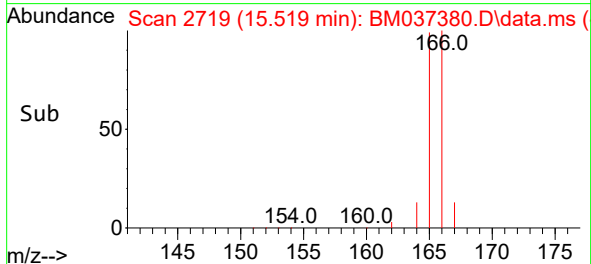
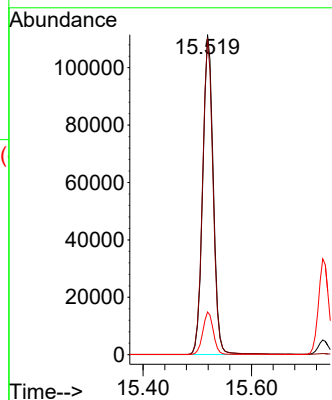
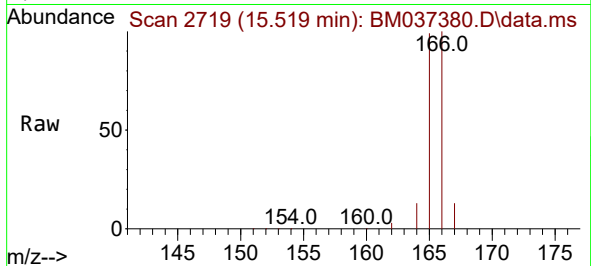




#12
Fluorene
Concen: 3.188 ng/ul
RT: 15.519 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

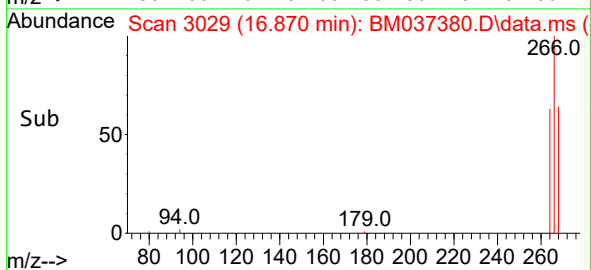
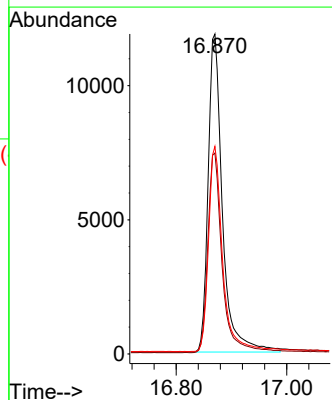
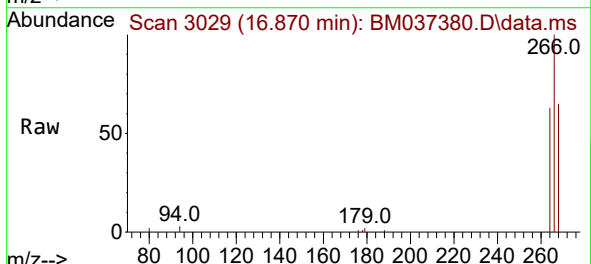
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SSTD3.2041

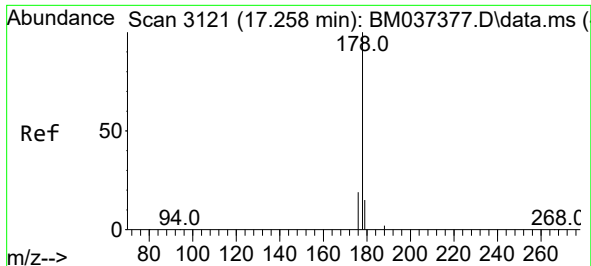
Tgt Ion:166 Resp: 150183
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.4
167 13.3 11.1 16.7



#14
Pentachlorophenol
Concen: 4.117 ng/ul
RT: 16.870 min Scan# 3029
Delta R.T. -0.008 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

Tgt Ion:266 Resp: 21382
Ion Ratio Lower Upper
266 100
264 62.8 49.9 74.9
268 63.8 51.9 77.9

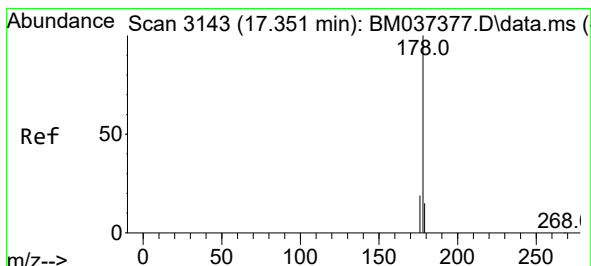
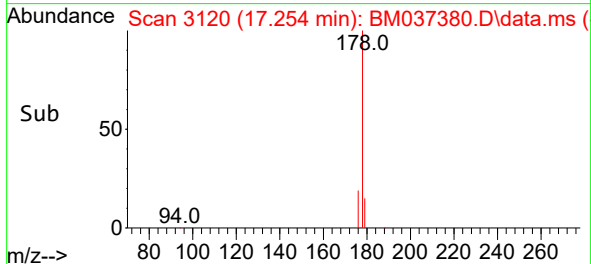
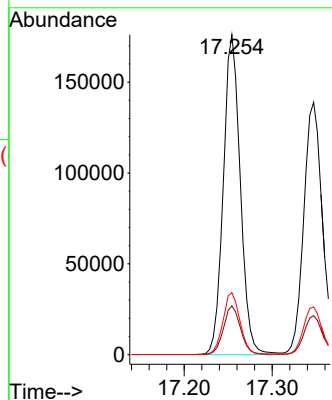
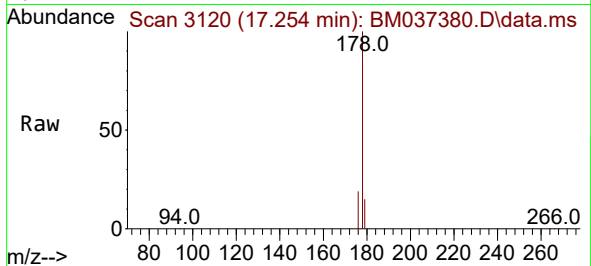




#15
Phenanthrene
Concen: 3.251 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

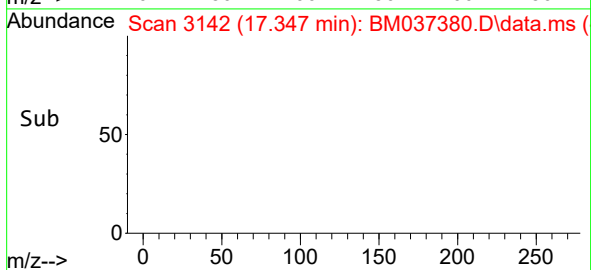
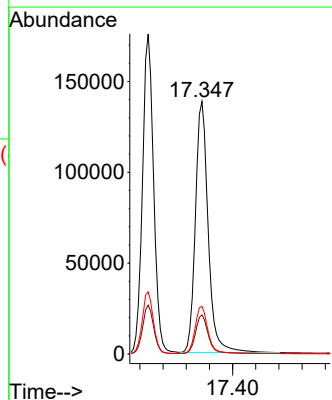
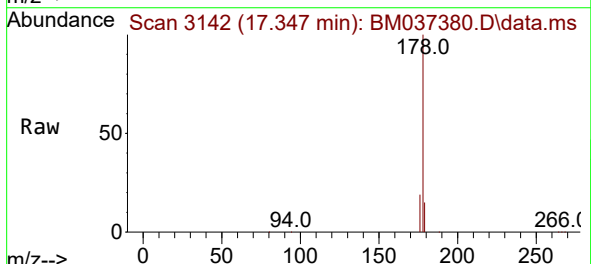
Instrument :
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ClientSampleId :
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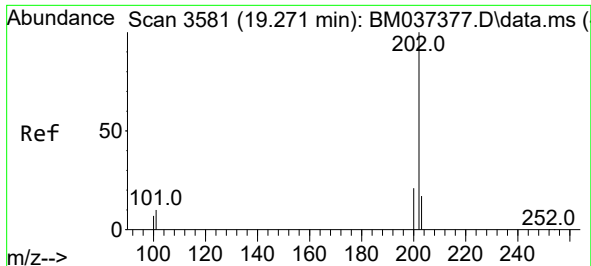
Tgt Ion:178 Resp: 235450
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.4 16.0 24.0



#16
Anthracene
Concen: 3.685 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

Tgt Ion:178 Resp: 211348
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 18.9 15.5 23.3

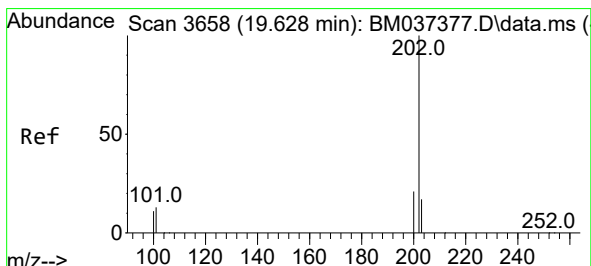
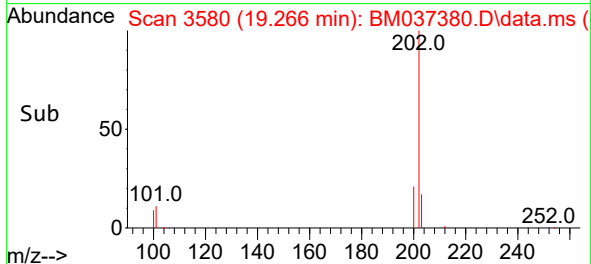
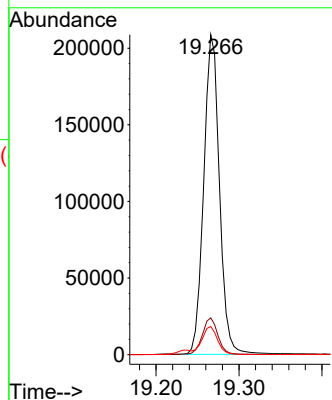
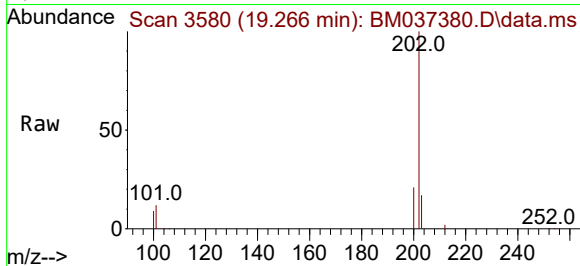




#19
Fluoranthene
Concen: 3.665 ng/u1
RT: 19.266 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

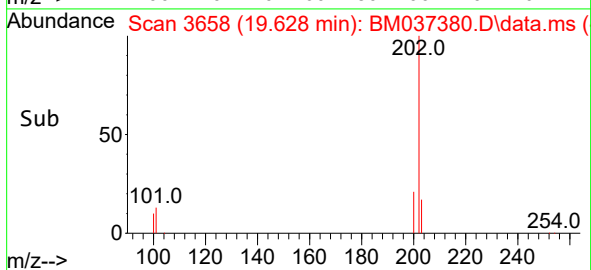
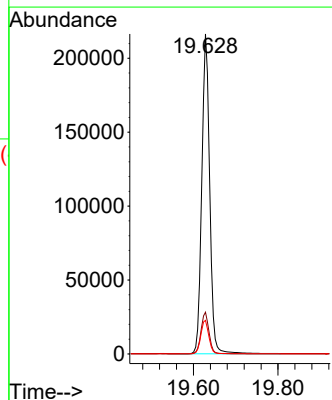
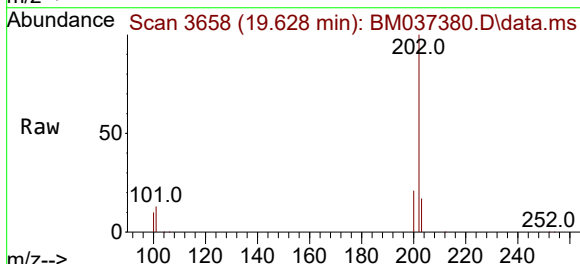
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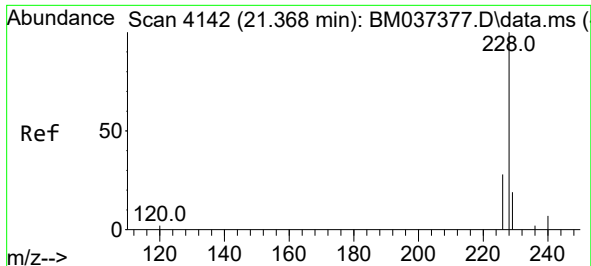
Tgt Ion:202 Resp: 275626
Ion Ratio Lower Upper
202 100
101 11.5 8.7 13.1
100 8.8 6.6 10.0



#20
Pyrene
Concen: 3.670 ng/u1
RT: 19.628 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

Tgt Ion:202 Resp: 279834
Ion Ratio Lower Upper
202 100
101 13.1 11.1 16.7
100 10.5 9.0 13.4

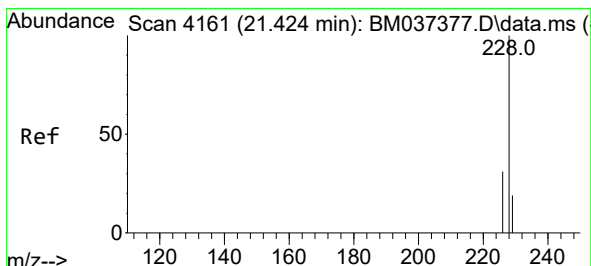
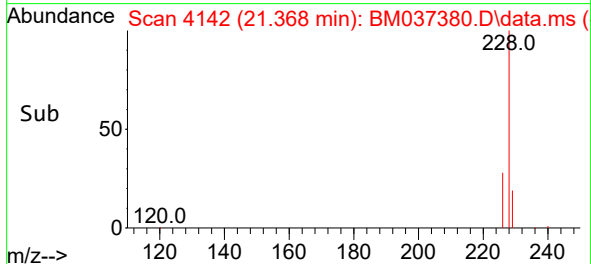
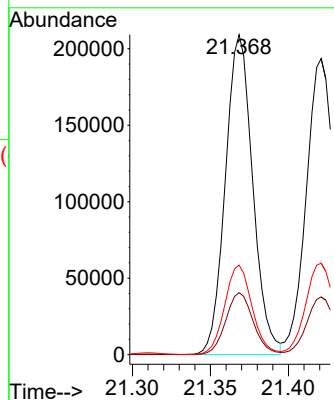
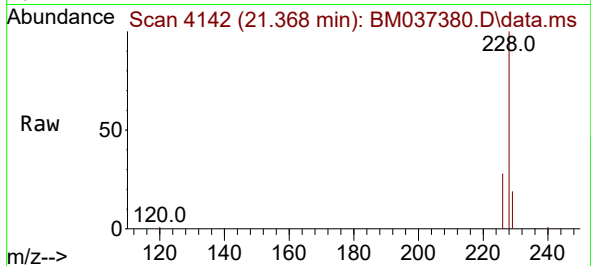




#21
Benzo(a)anthracene
Concen: 3.797 ng/ul
RT: 21.368 min Scan# 4142
Delta R.T. 0.000 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

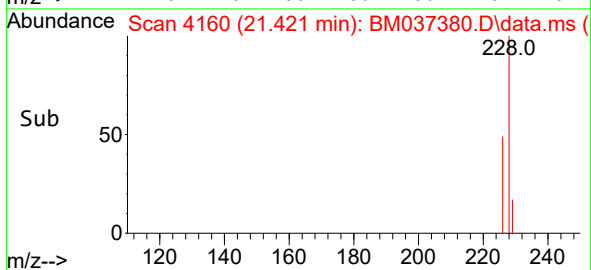
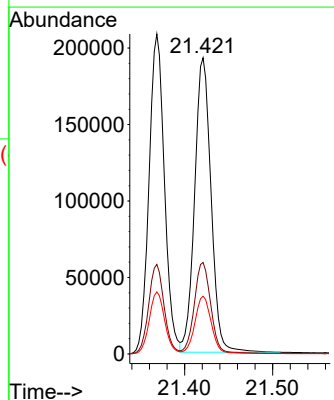
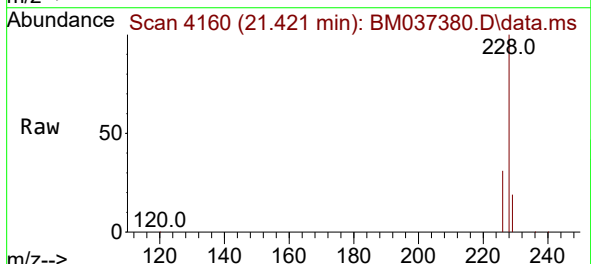
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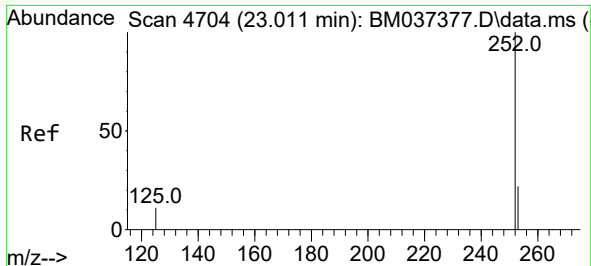
Tgt Ion:228 Resp: 255101
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 28.0 22.6 33.8



#22
Chrysene
Concen: 3.236 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.003 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

Tgt Ion:228 Resp: 250175
Ion Ratio Lower Upper
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226 30.9 24.8 37.2
229 19.5 15.6 23.4

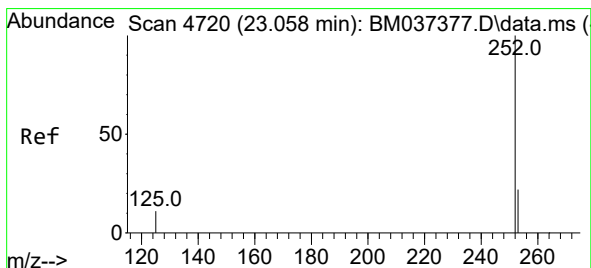
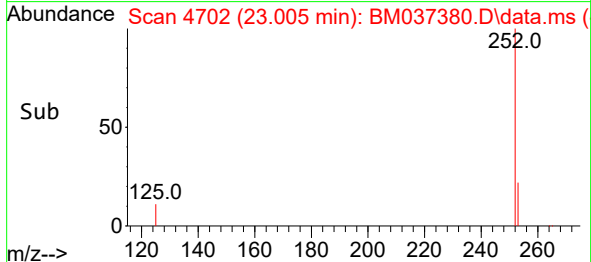
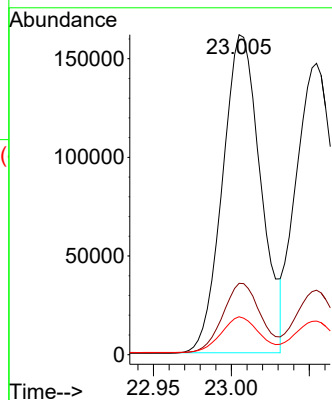
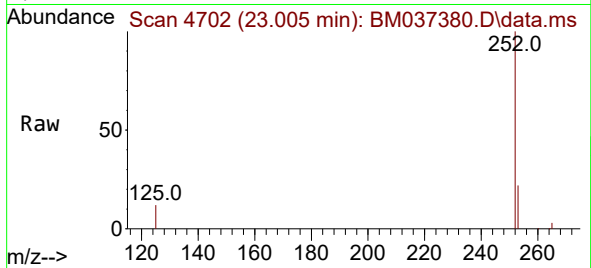




#24
Benzo(b)fluoranthene
Concen: 3.594 ng/ul
RT: 23.005 min Scan# 4719
Delta R.T. -0.006 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

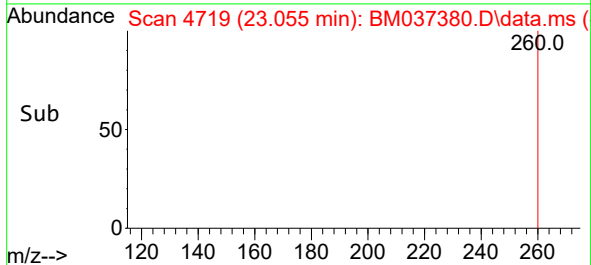
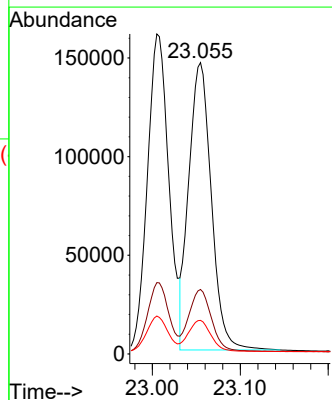
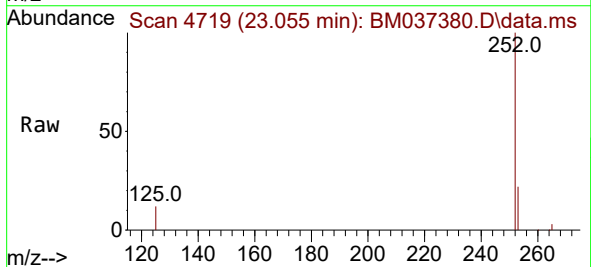
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

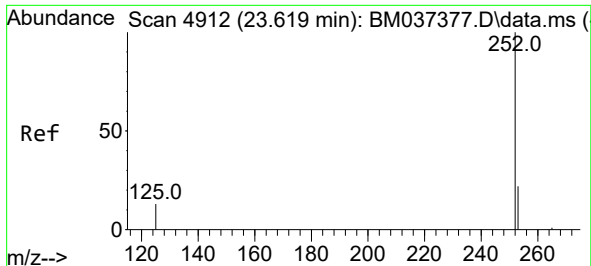
Tgt Ion:252 Resp: 274955
Ion Ratio Lower Upper
252 100
253 22.3 0.0 52.6
125 11.9 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 3.507 ng/ul
RT: 23.055 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

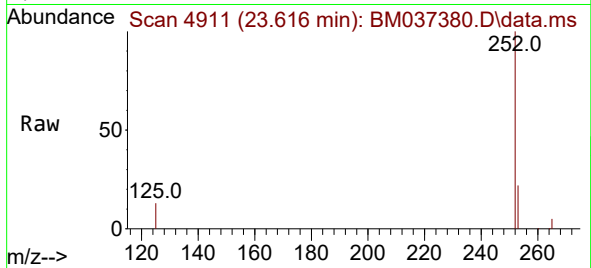
Tgt Ion:252 Resp: 259221
Ion Ratio Lower Upper
252 100
253 22.1 21.6 32.4
125 11.6 13.8 20.8#



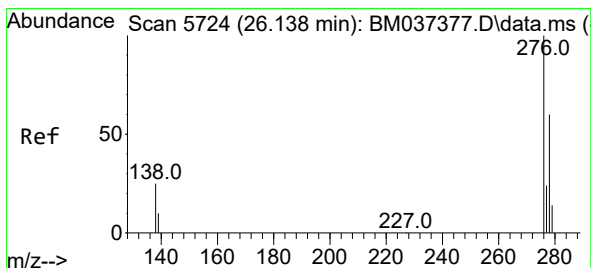
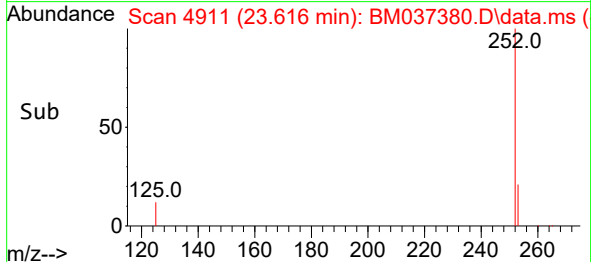
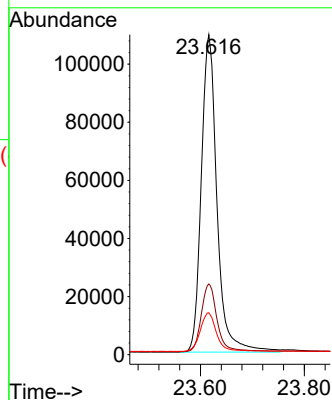


#26
Benzo(a)pyrene
Concen: 3.727 ng/ul
RT: 23.616 min Scan# 4911
Delta R.T. -0.003 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

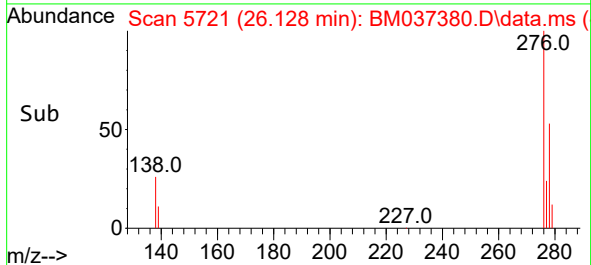
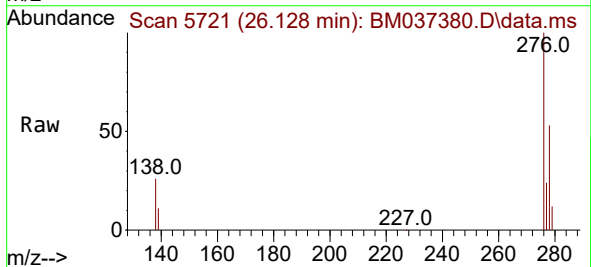
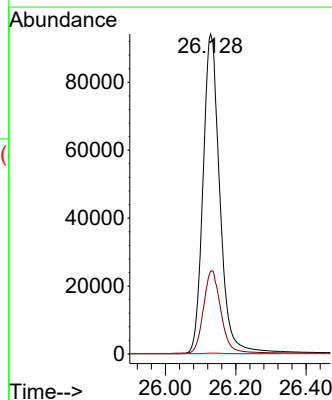


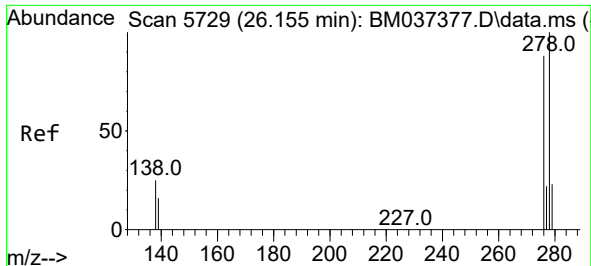
Tgt Ion:252 Resp: 228909
Ion Ratio Lower Upper
252 100
253 22.1 23.8 35.6#
125 13.1 17.2 25.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.650 ng/ul
RT: 26.128 min Scan# 5721
Delta R.T. -0.010 min
Lab File: BM037380.D
Acq: 05 Nov 2022 16:42

Tgt Ion:276 Resp: 313097
Ion Ratio Lower Upper
276 100
138 26.4 20.8 31.2
227 0.2 0.1 0.1#

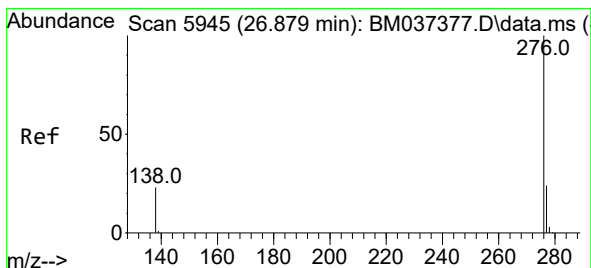
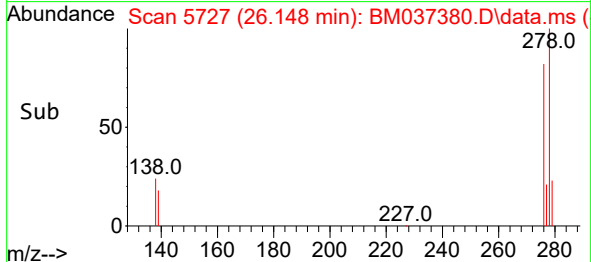
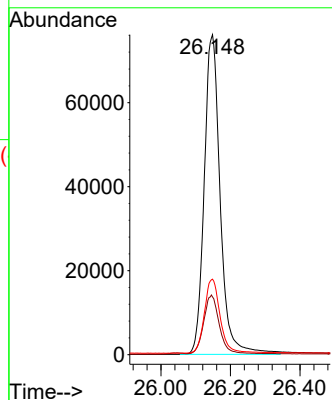
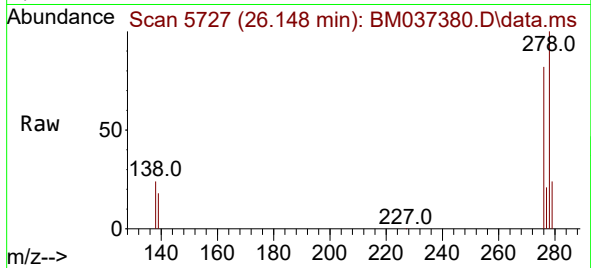




#28
 Dibenzo(a,h)anthracene
 Concen: 3.596 ng/ul
 RT: 26.148 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BM037380.D
 Acq: 05 Nov 2022 16:42

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2041

Tgt Ion:278 Resp: 243444
 Ion Ratio Lower Upper
 278 100
 139 18.1 15.2 22.8
 279 23.6 22.2 33.2



#29
 Benzo(g,h,i)perylene
 Concen: 3.442 ng/ul
 RT: 26.869 min Scan# 5942
 Delta R.T. -0.010 min
 Lab File: BM037380.D
 Acq: 05 Nov 2022 16:42

Tgt Ion:276 Resp: 259714
 Ion Ratio Lower Upper
 276 100
 138 23.3 19.6 29.4
 277 23.6 20.1 30.1

