

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053023\
 Data File : BM040067.D
 Acq On : 30 May 2023 22:19
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4113

Quant Time: May 31 02:03:48 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 14:54:33 2023
 Response via : Initial Calibration

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

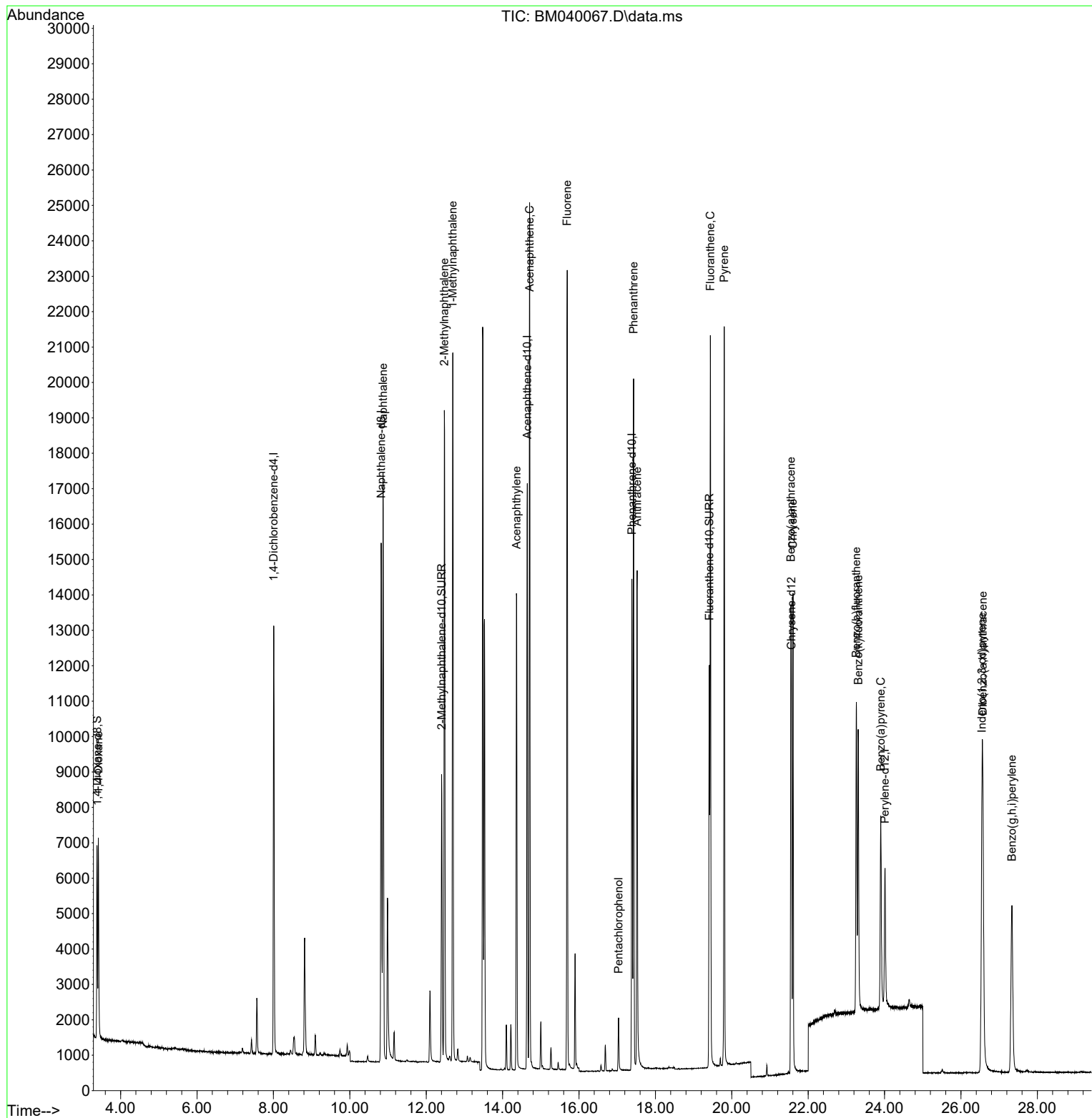
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	6244	0.400	ng/ul	0.00
4) Naphthalene-d8	10.821	136	19491	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	8548	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	15190	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.563	240	6754	0.400	ng/ul	0.00
23) Perylene-d12	24.010	264	5678	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	3538	0.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	10471	0.439	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	11338	0.558	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.417	88	3679	0.481	ng/ul	96
5) Naphthalene	10.870	128	22358	0.470	ng/ul	100
7) 2-Methylnaphthalene	12.476	142	13081	0.455	ng/ul	100
8) 1-Methylnaphthalene	12.696	142	13543	0.453	ng/ul	99
10) Acenaphthylene	14.363	152	15490	0.455	ng/ul	100
11) Acenaphthene	14.705	153	13479	0.486	ng/ul	98
12) Fluorene	15.691	166	13709	0.474	ng/ul	97
14) Pentachlorophenol	17.035	266	1038	0.337	ng/ul	98
15) Phenanthrene	17.428	178	19974	0.464	ng/ul	100
16) Anthracene	17.521	178	15728	0.436	ng/ul	99
19) Fluoranthene	19.439	202	17199	0.566	ng/ul	97
20) Pyrene	19.801	202	16886	0.548	ng/ul	97
21) Benzo(a)anthracene	21.548	228	10465	0.460	ng/ul	99
22) Chrysene	21.601	228	11848	0.490	ng/ul	98
24) Benzo(b)fluoranthene	23.261	252	11118	0.493	ng/ul	97
25) Benzo(k)fluoranthene	23.311	252	10903	0.480	ng/ul	97
26) Benzo(a)pyrene	23.898	252	8954	0.475	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.550	276	13054	0.481	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.570	278	10319	0.470	ng/ul	97
29) Benzo(g,h,i)perylene	27.335	276	10652	0.479	ng/ul	97

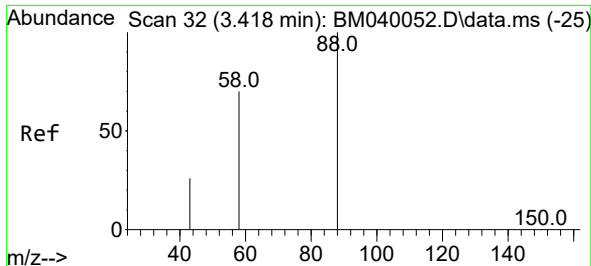
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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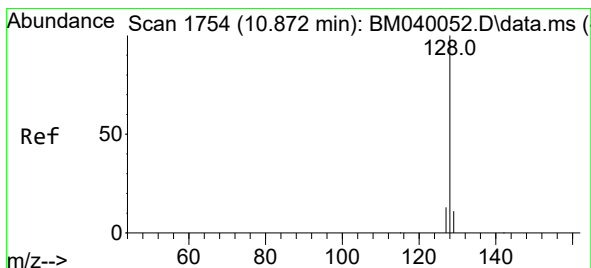
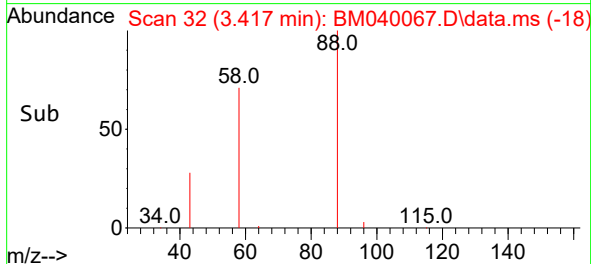
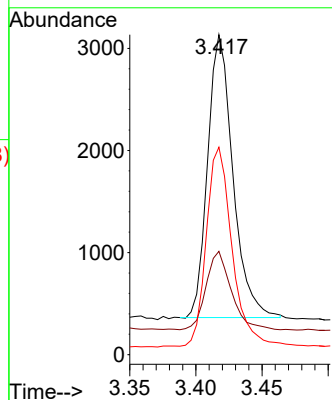
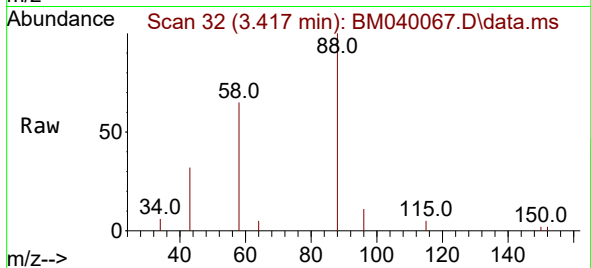




#2
1,4-Dioxane
Concen: 0.481 ng/ul
RT: 3.417 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

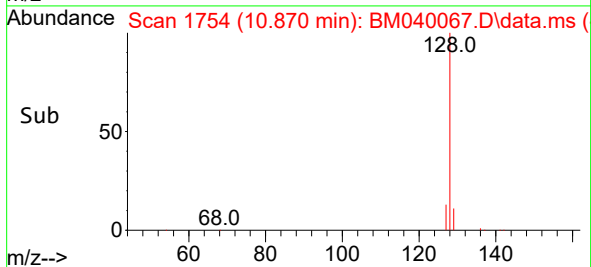
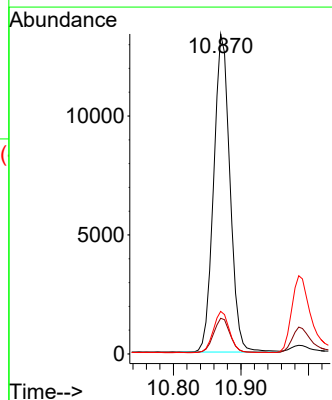
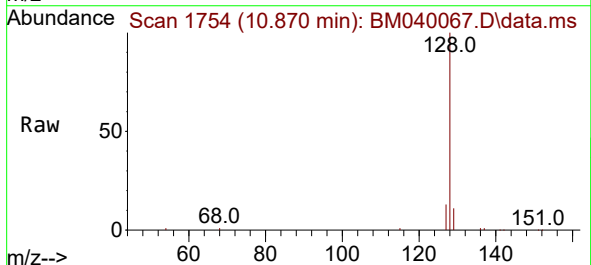
Instrument :
BNA_M
ClientSampleId :
SSTD0.4113

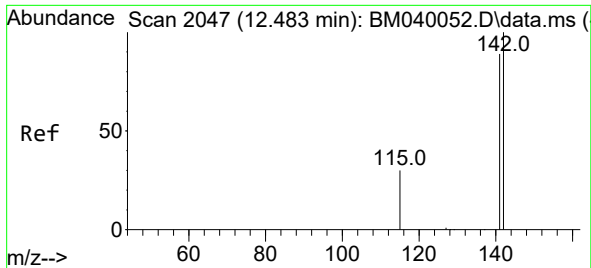
Tgt Ion: 88 Resp: 3679
Ion Ratio Lower Upper
88 100
43 32.3 25.9 38.9
58 64.9 48.5 72.7



#5
Naphthalene
Concen: 0.470 ng/ul
RT: 10.870 min Scan# 1754
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

Tgt Ion: 128 Resp: 22358
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.5 15.7

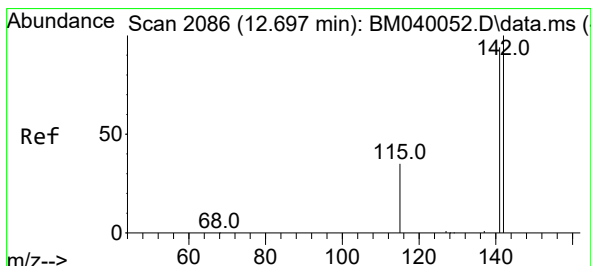
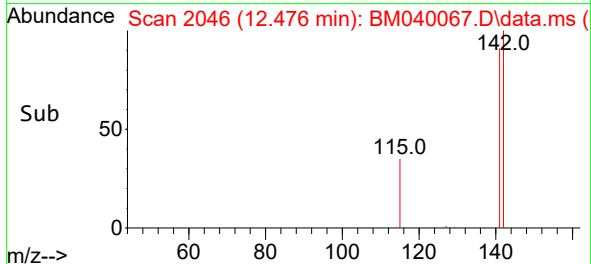
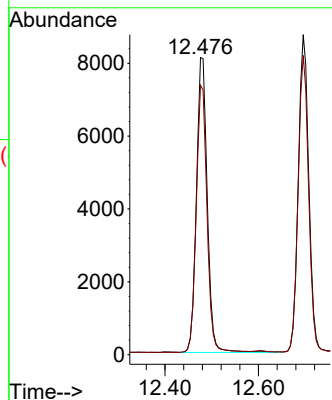
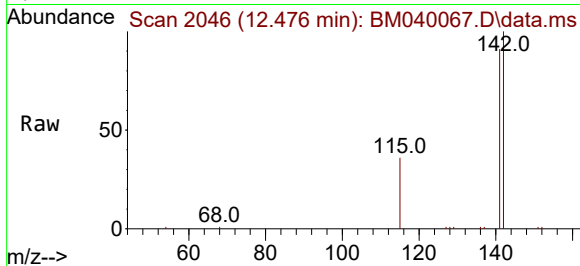




#7
2-Methylnaphthalene
Concen: 0.455 ng/ul
RT: 12.476 min Scan# 2046
Delta R.T. -0.007 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

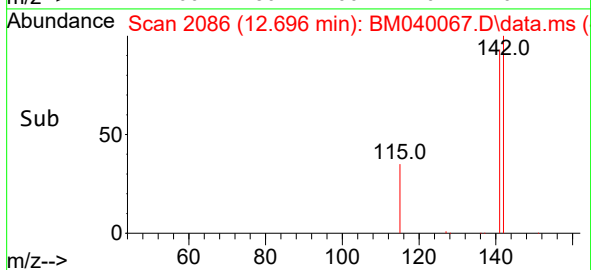
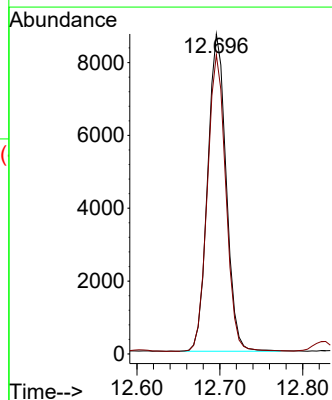
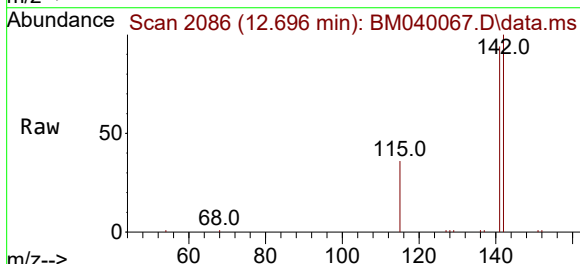
Instrument :
BNA_M
ClientSampleId :
SSTD0.4113

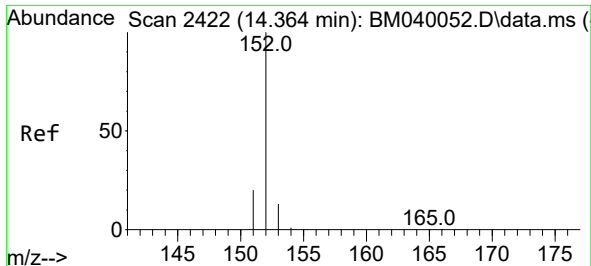
Tgt Ion:142 Resp: 13081
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.453 ng/ul
RT: 12.696 min Scan# 2086
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

Tgt Ion:142 Resp: 13543
Ion Ratio Lower Upper
142 100
141 93.3 73.8 110.6

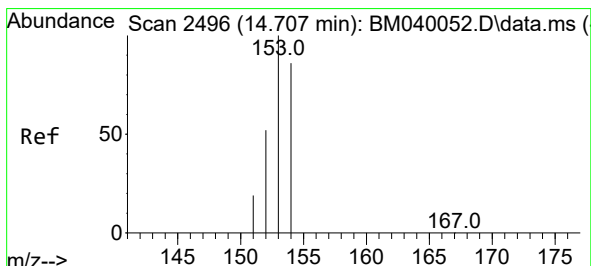
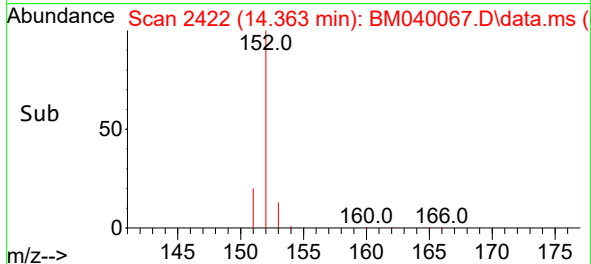
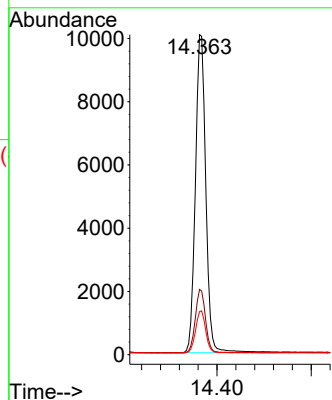
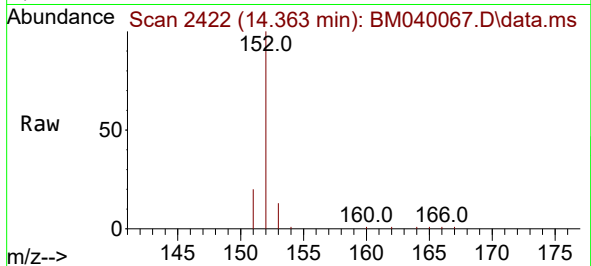




#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.363 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

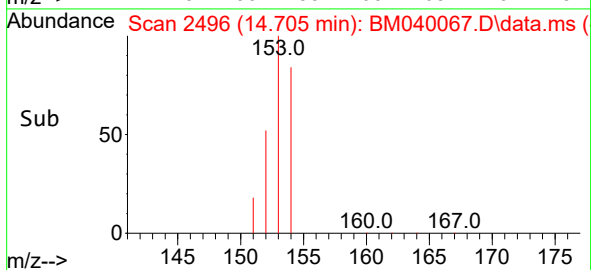
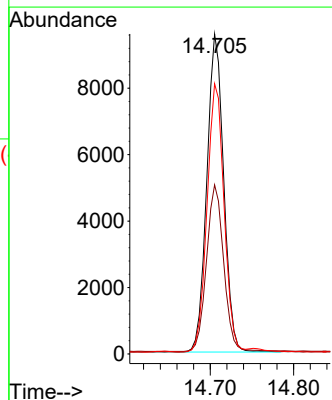
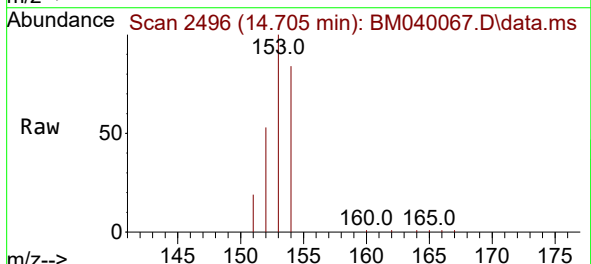
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ClientSampleId :
SSTD0.4113

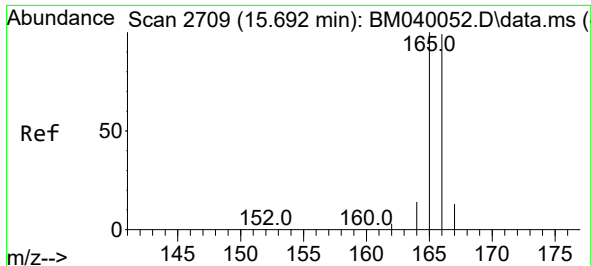
Tgt Ion:152 Resp: 15490
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.486 ng/ul
RT: 14.705 min Scan# 2496
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

Tgt Ion:153 Resp: 13479
Ion Ratio Lower Upper
153 100
152 52.8 42.0 63.0
154 84.5 69.4 104.2

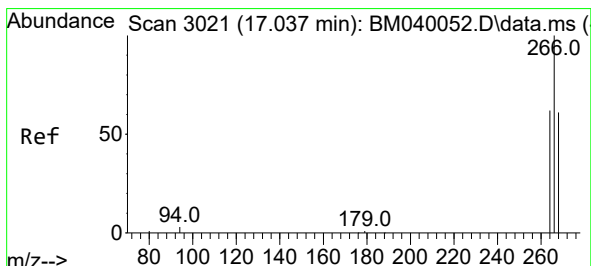
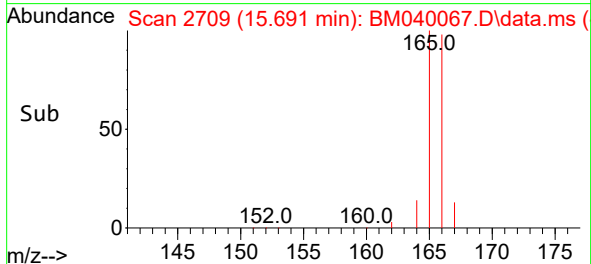
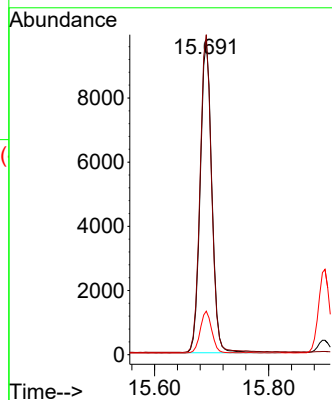
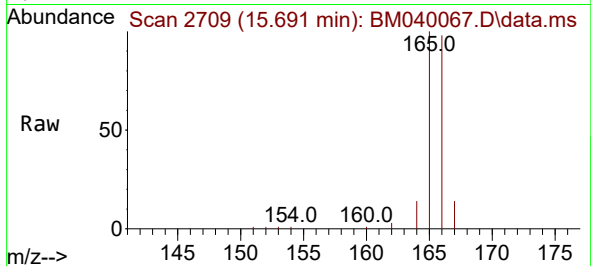




#12
Fluorene
Concen: 0.474 ng/ul
RT: 15.691 min Scan# 21
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

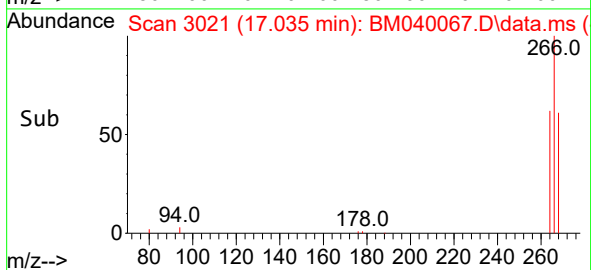
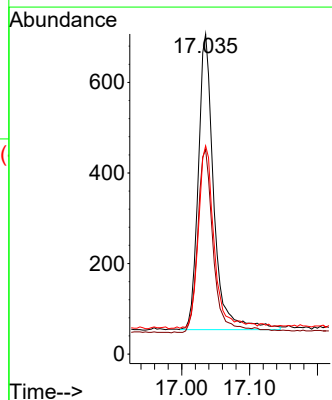
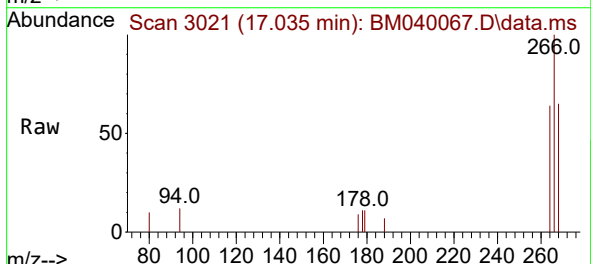
Instrument :
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ClientSampleId :
SSTD0.4113

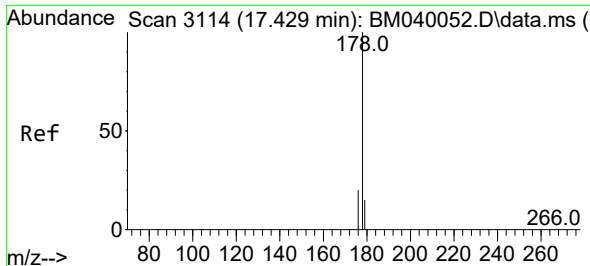
Tgt Ion:166 Resp: 13709
Ion Ratio Lower Upper
166 100
165 102.0 79.3 118.9
167 13.9 10.8 16.2



#14
Pentachlorophenol
Concen: 0.337 ng/ul
RT: 17.035 min Scan# 3021
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

Tgt Ion:266 Resp: 1038
Ion Ratio Lower Upper
266 100
264 63.1 49.2 73.8
268 62.9 51.9 77.9

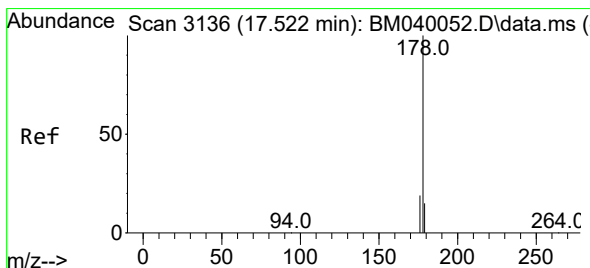
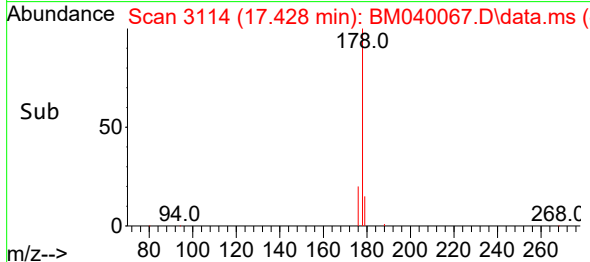
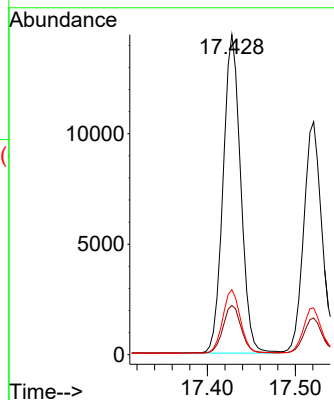
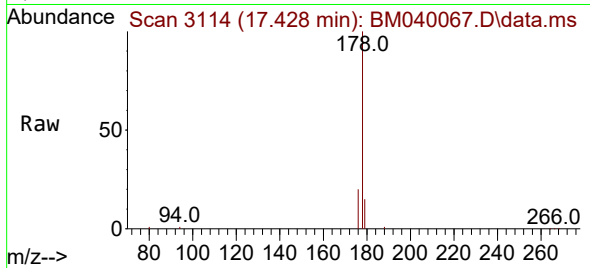




#15
Phenanthrene
Concen: 0.464 ng/ul
RT: 17.428 min Scan# 3114
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

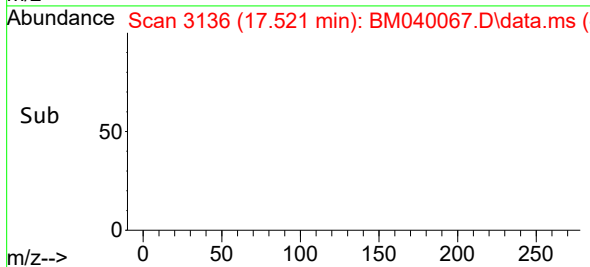
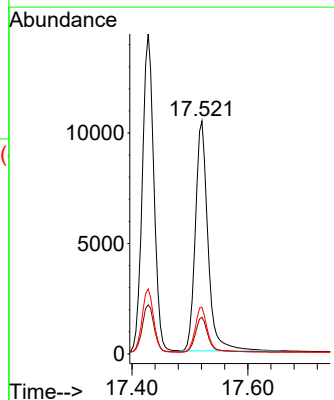
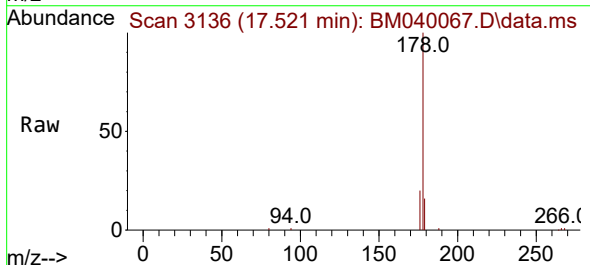
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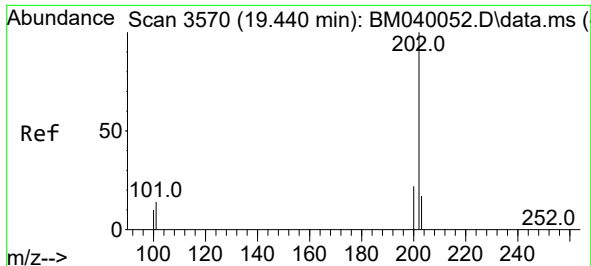
Tgt Ion:178 Resp: 19974
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 20.3 16.3 24.5



#16
Anthracene
Concen: 0.436 ng/ul
RT: 17.521 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

Tgt Ion:178 Resp: 15728
Ion Ratio Lower Upper
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179 15.8 12.6 19.0
176 20.1 15.5 23.3

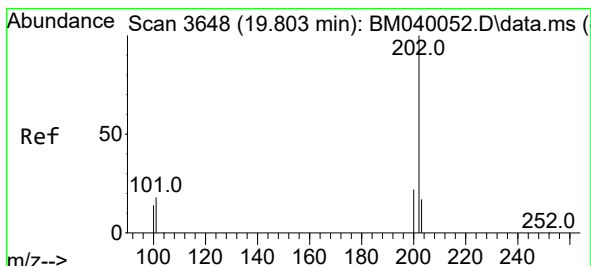
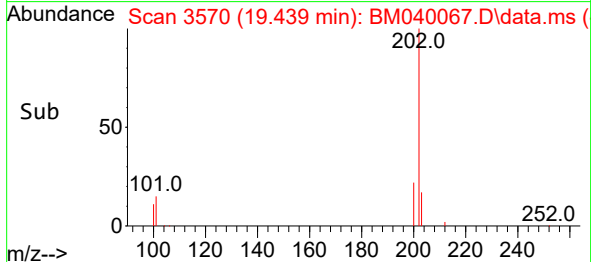
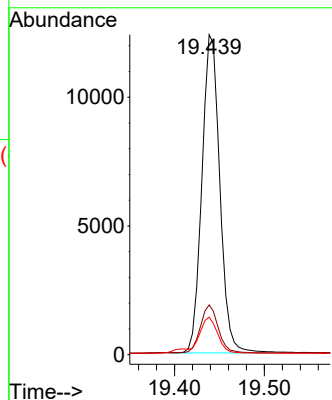
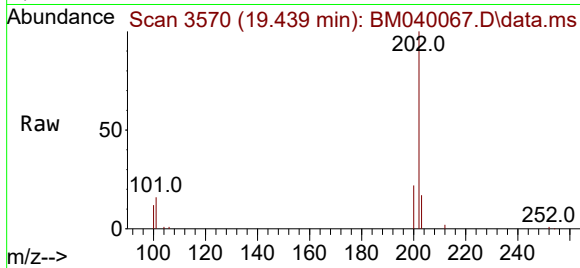




#19
Fluoranthene
Concen: 0.566 ng/ul
RT: 19.439 min Scan# 3570
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

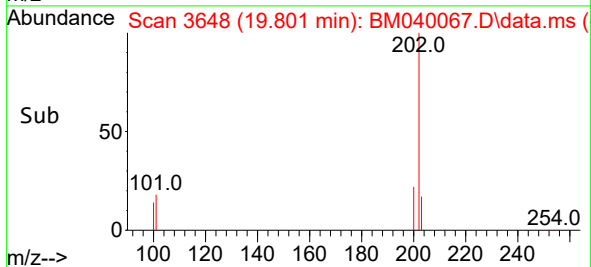
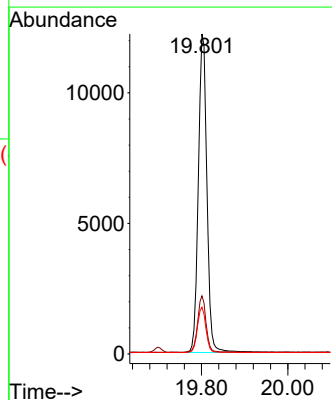
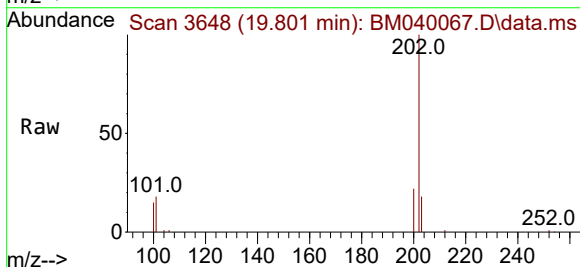
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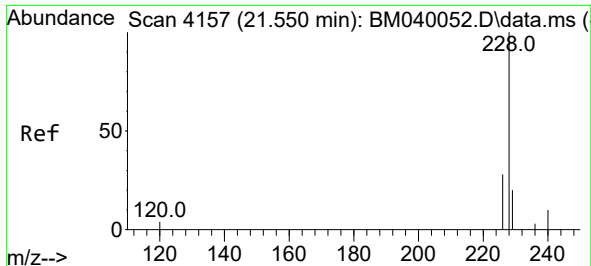
Tgt Ion:202 Resp: 17199
Ion Ratio Lower Upper
202 100
101 15.5 11.5 17.3
100 11.7 8.5 12.7



#20
Pyrene
Concen: 0.548 ng/ul
RT: 19.801 min Scan# 3648
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

Tgt Ion:202 Resp: 16886
Ion Ratio Lower Upper
202 100
101 18.2 13.3 19.9
100 14.6 10.9 16.3

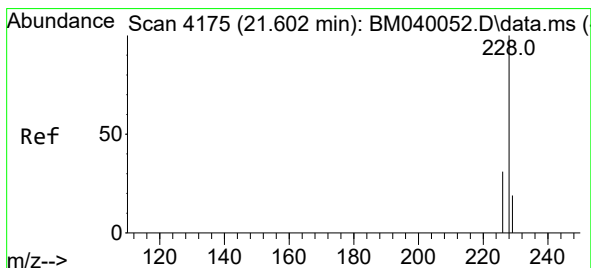
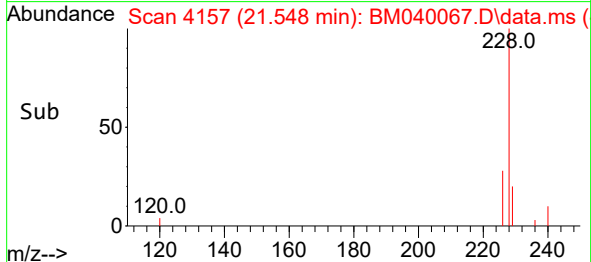
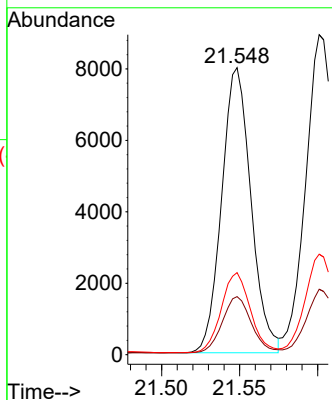
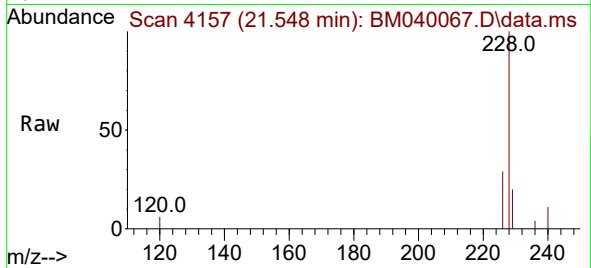




#21
Benzo(a)anthracene
Concen: 0.460 ng/ul
RT: 21.548 min Scan# 4157
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

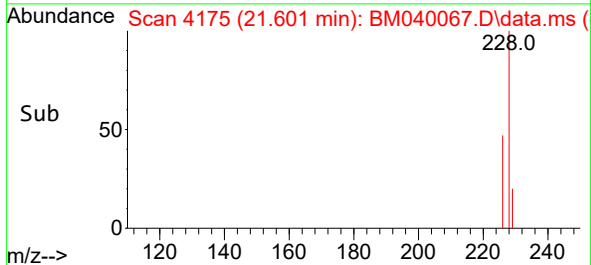
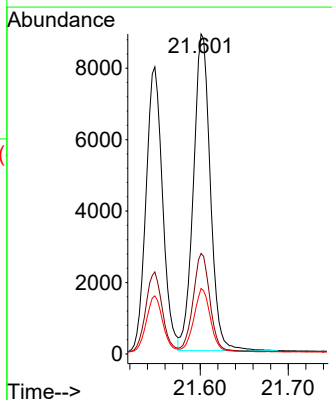
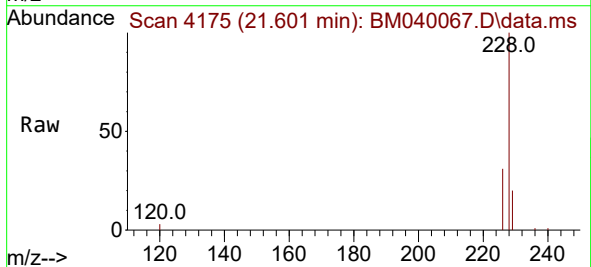
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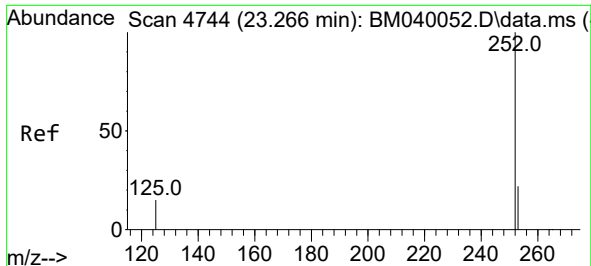
Tgt Ion:228 Resp: 10465
Ion Ratio Lower Upper
228 100
229 20.2 15.6 23.4
226 28.6 22.5 33.7



#22
Chrysene
Concen: 0.490 ng/ul
RT: 21.601 min Scan# 4175
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

Tgt Ion:228 Resp: 11848
Ion Ratio Lower Upper
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226 31.4 24.6 36.8
229 20.4 15.6 23.4

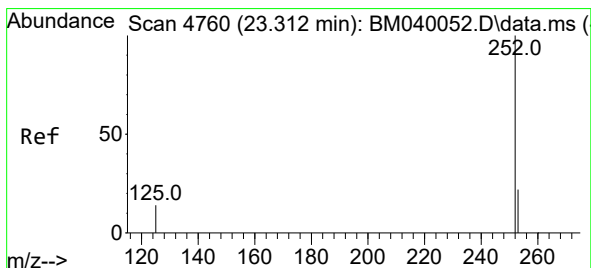
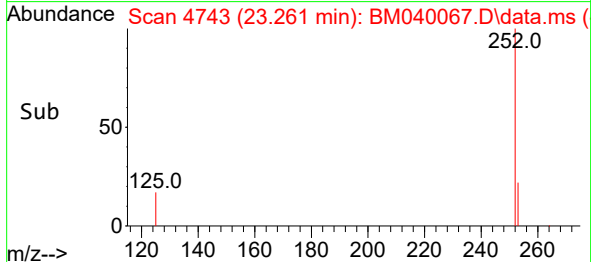
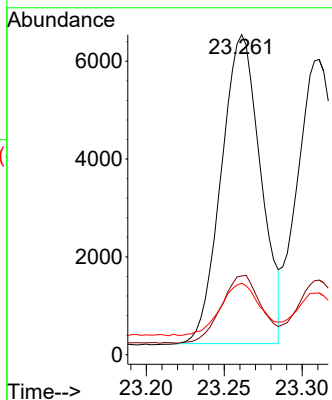
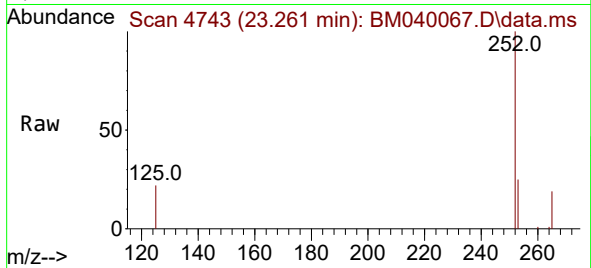




#24
Benzo(b)fluoranthene
Concen: 0.493 ng/ul
RT: 23.261 min Scan# 4743
Delta R.T. -0.004 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

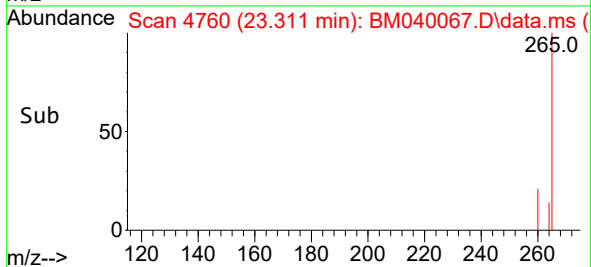
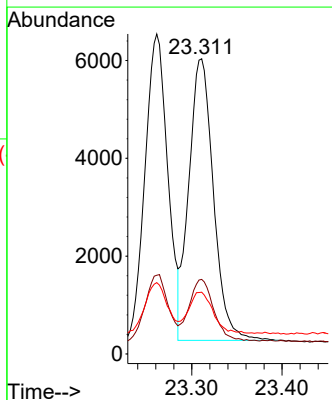
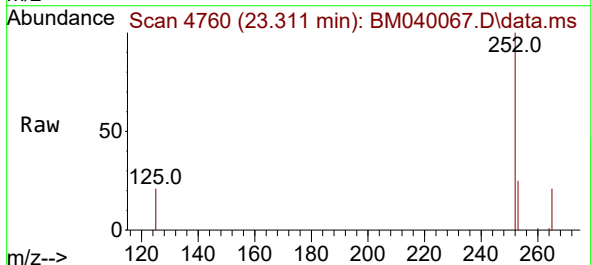
Instrument :
BNA_M
ClientSampleId :
SSTD0.4113

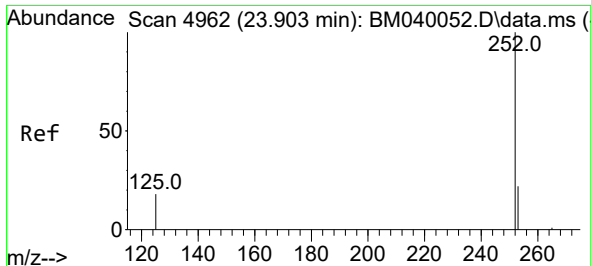
Tgt Ion:252 Resp: 11118
Ion Ratio Lower Upper
252 100
253 24.6 0.0 49.8
125 22.3 0.0 39.2



#25
Benzo(k)fluoranthene
Concen: 0.480 ng/ul
RT: 23.311 min Scan# 4760
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

Tgt Ion:252 Resp: 10903
Ion Ratio Lower Upper
252 100
253 25.3 19.7 29.5
125 20.9 15.0 22.4

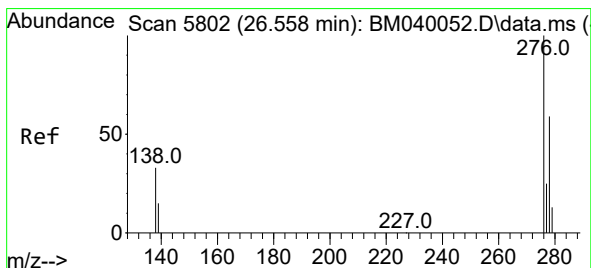
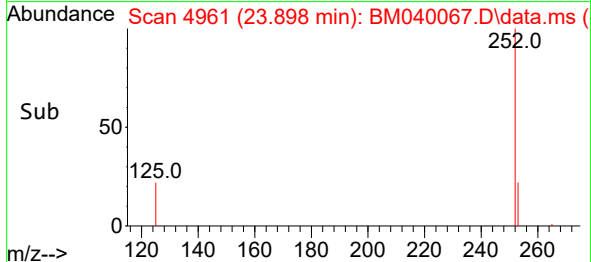
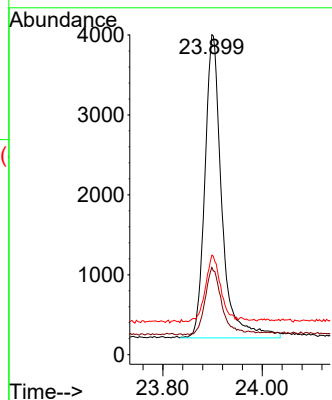
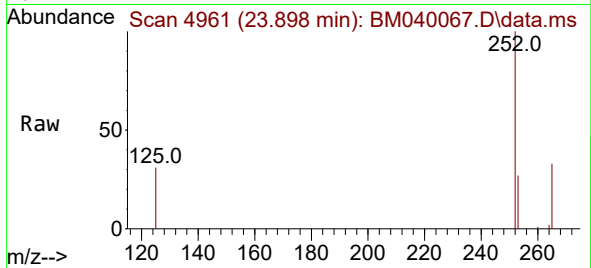




#26
Benzo(a)pyrene
Concen: 0.475 ng/ul
RT: 23.898 min Scan# 4961
Delta R.T. -0.004 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

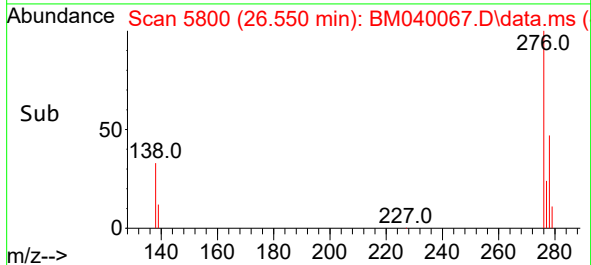
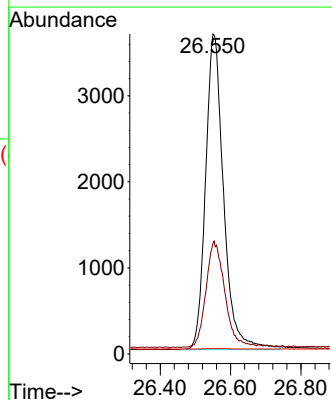
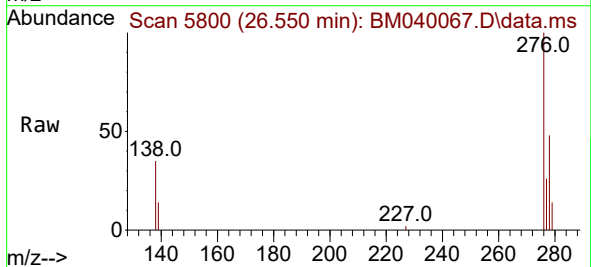
Instrument :
BNA_M
ClientSampleId :
SSTD0.4113

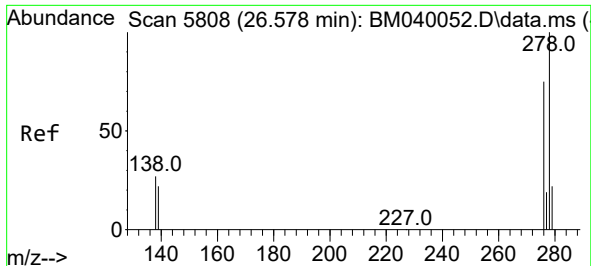
Tgt Ion:252 Resp: 8954
Ion Ratio Lower Upper
252 100
253 27.2 20.6 31.0
125 31.1 19.1 28.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.481 ng/ul
RT: 26.550 min Scan# 5800
Delta R.T. -0.008 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

Tgt Ion:276 Resp: 13054
Ion Ratio Lower Upper
276 100
138 35.3 26.9 40.3
227 0.0 0.1 0.1#

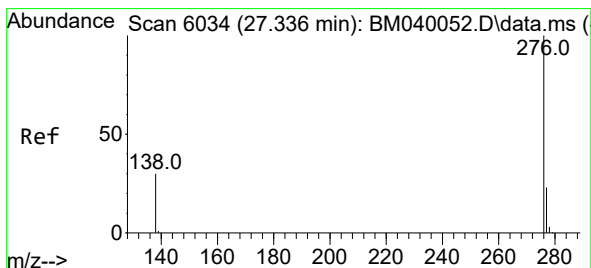
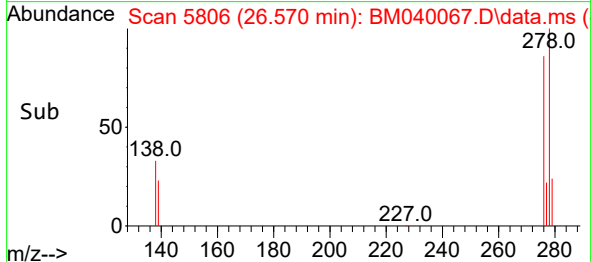
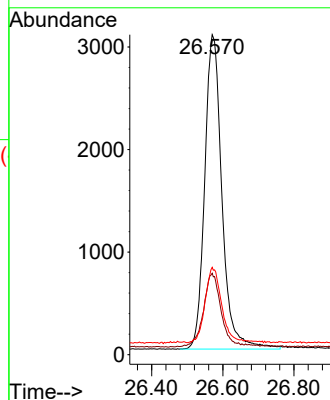
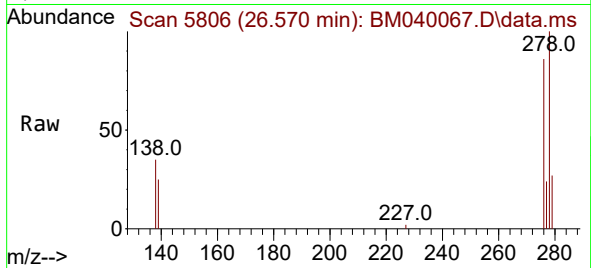




#28
Dibenzo(a,h)anthracene
Concen: 0.470 ng/ul
RT: 26.570 min Scan# 5806
Delta R.T. -0.008 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.4113

Tgt Ion:278 Resp: 10319
Ion Ratio Lower Upper
278 100
139 25.4 19.0 28.4
279 27.3 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.479 ng/ul
RT: 27.335 min Scan# 6034
Delta R.T. -0.002 min
Lab File: BM040067.D
Acq: 30 May 2023 22:19

Tgt Ion:276 Resp: 10652
Ion Ratio Lower Upper
276 100
138 32.1 23.9 35.9
277 24.9 19.5 29.3

