

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040250.D
 Acq On : 14 Jun 2023 23:43
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

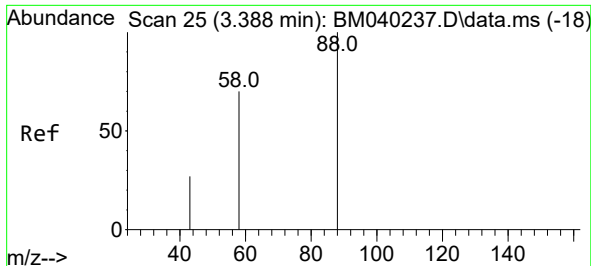
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4117

Quant Time: Jun 15 00:52:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	10275	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	36851	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	18944	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	35329	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	21382	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	21641	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	5226	0.412	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	18861	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	26478	0.496	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.384	88	5421	0.407	ng/ul	89
5) Naphthalene	10.833	128	35782	0.410	ng/ul	100
7) 2-Methylnaphthalene	12.439	142	21972	0.405	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	23110	0.407	ng/ul	100
10) Acenaphthylene	14.332	152	27465	0.414	ng/ul	99
11) Acenaphthene	14.670	153	23853	0.420	ng/ul	99
12) Fluorene	15.655	166	25618	0.405	ng/ul	99
14) Pentachlorophenol	17.003	266	2833	0.393	ng/ul	100
15) Phenanthrene	17.396	178	37640	0.405	ng/ul	99
16) Anthracene	17.484	178	31328	0.398	ng/ul	100
19) Fluoranthene	19.407	202	35669	0.490	ng/ul	99
20) Pyrene	19.770	202	36183	0.478	ng/ul	99
21) Benzo(a)anthracene	21.512	228	27889	0.442	ng/ul	100
22) Chrysene	21.564	228	29273	0.439	ng/ul	100
24) Benzo(b)fluoranthene	23.210	252	31883	0.400	ng/ul	96
25) Benzo(k)fluoranthene	23.260	252	30212	0.402	ng/ul	97
26) Benzo(a)pyrene	23.844	252	26422	0.404	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.467	276	36144	0.436	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.491	278	29168	0.438	ng/ul	99
29) Benzo(g,h,i)perylene	27.245	276	30887	0.446	ng/ul	99

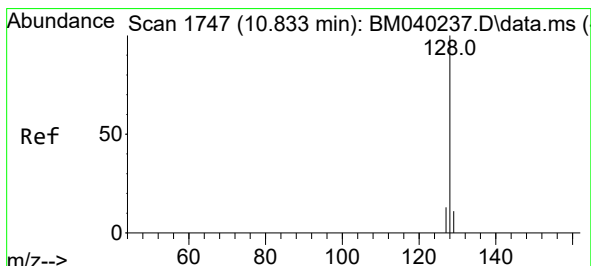
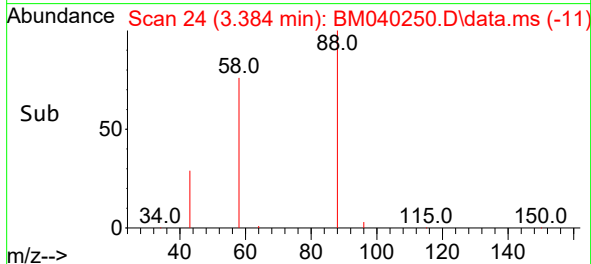
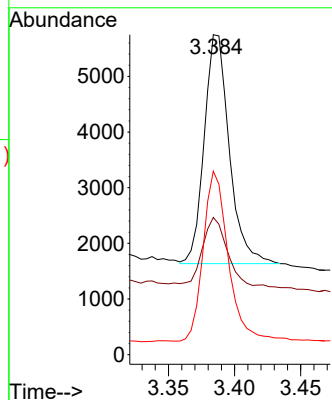
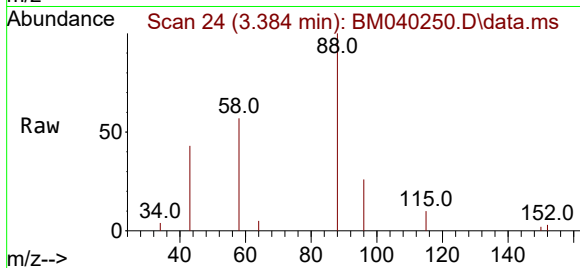
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.407 ng/ul
RT: 3.384 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

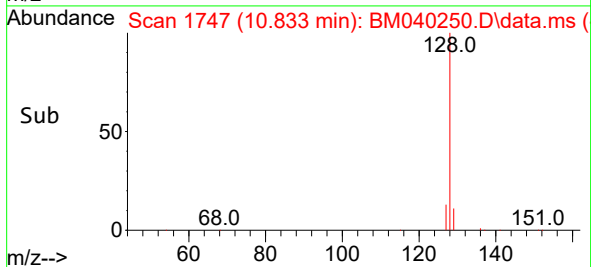
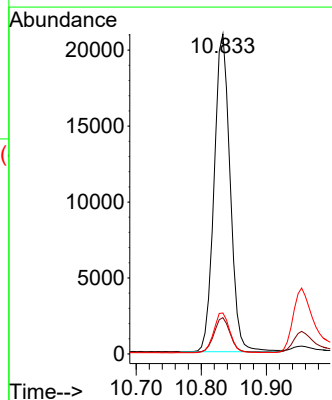
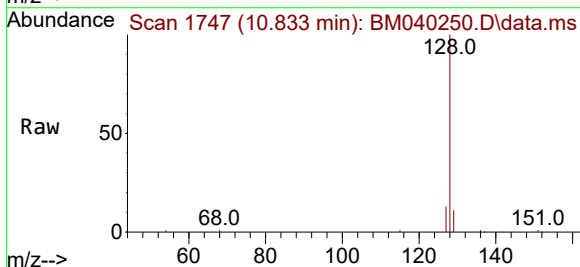
Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

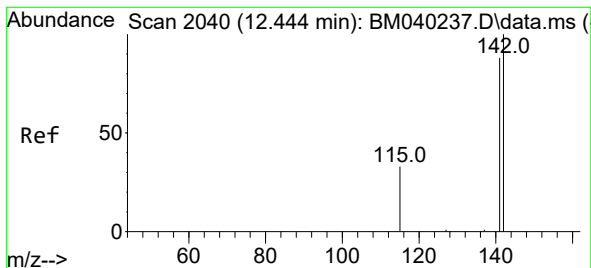
Tgt Ion: 88 Resp: 5421
Ion Ratio Lower Upper
88 100
43 42.9 30.3 45.5
58 57.3 38.8 58.2



#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

Tgt Ion: 128 Resp: 35782
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.8 10.4 15.6

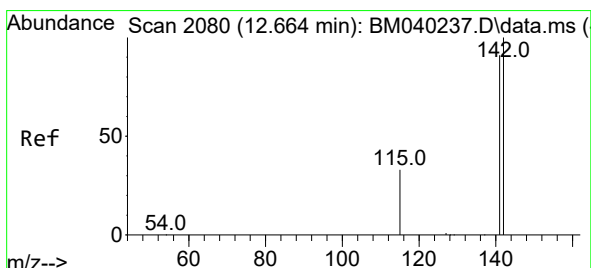
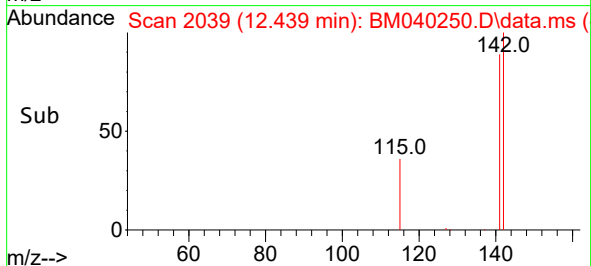
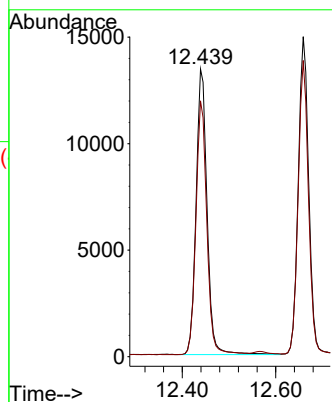
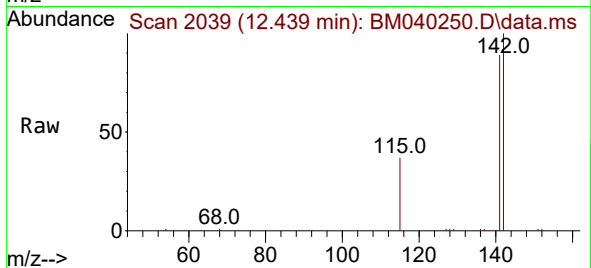




#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

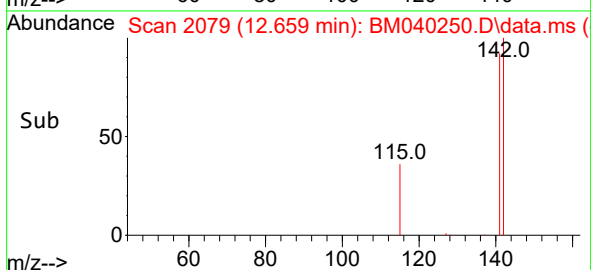
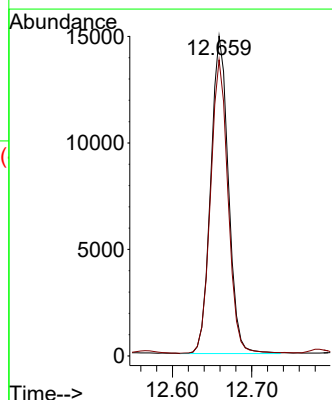
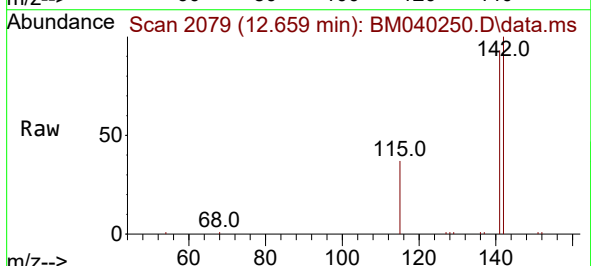
Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

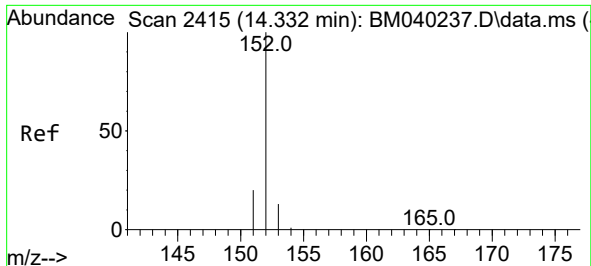
Tgt Ion:142 Resp: 21972
Ion Ratio Lower Upper
142 100
141 88.0 70.6 106.0



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

Tgt Ion:142 Resp: 23110
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4

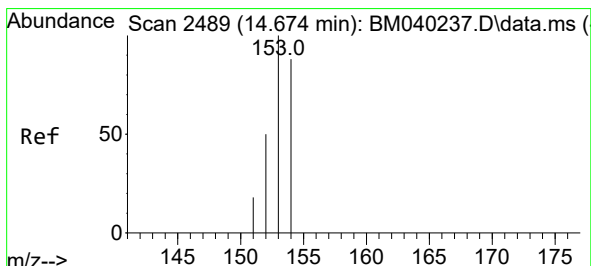
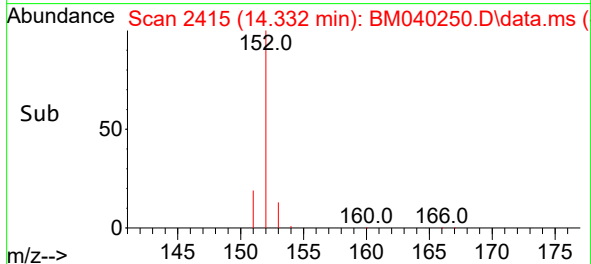
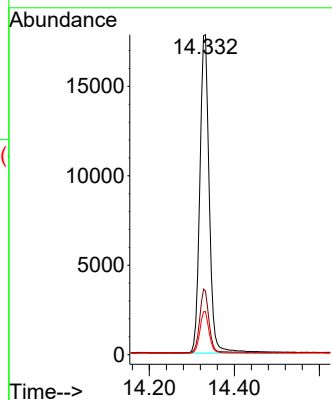
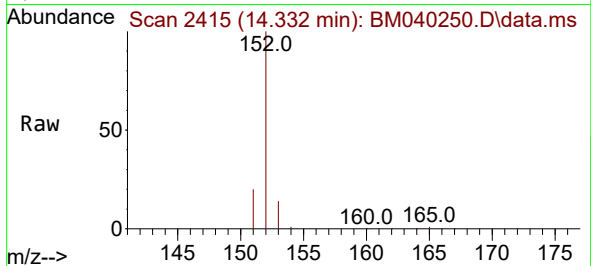




#10
Acenaphthylene
Concen: 0.414 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

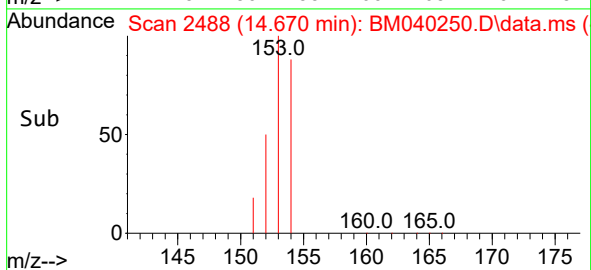
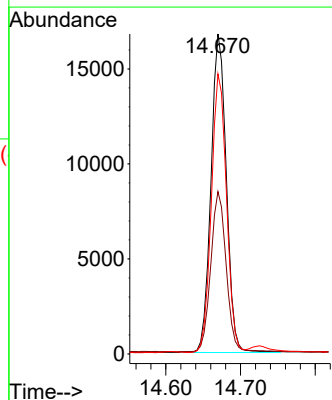
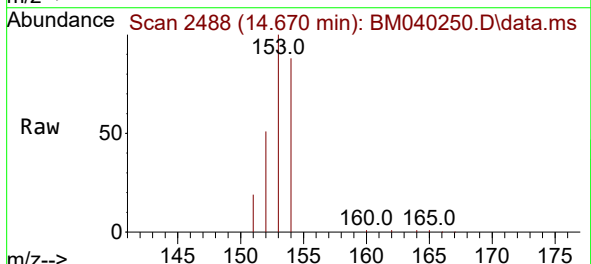
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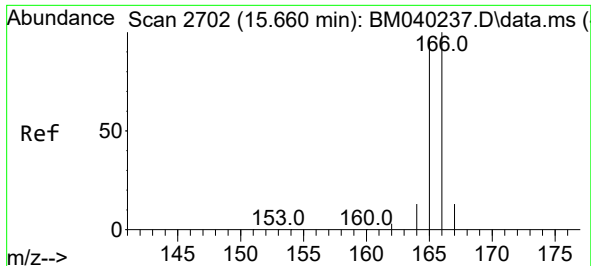
Tgt Ion:152 Resp: 27465
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.5 10.7 16.1



#11
Acenaphthene
Concen: 0.420 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

Tgt Ion:153 Resp: 23853
Ion Ratio Lower Upper
153 100
152 50.7 40.3 60.5
154 87.5 70.5 105.7

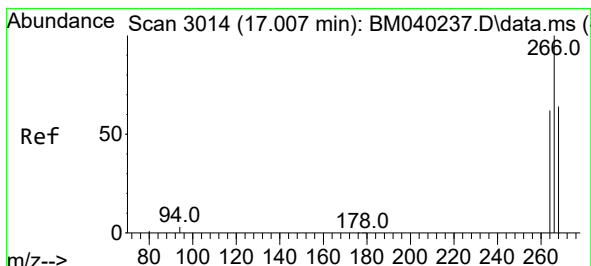
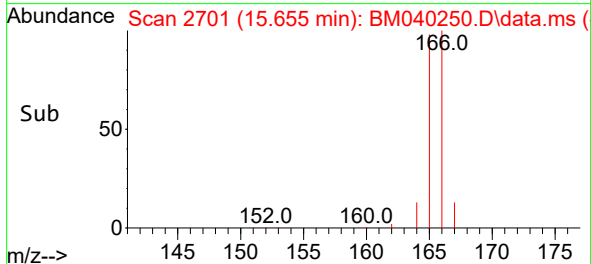
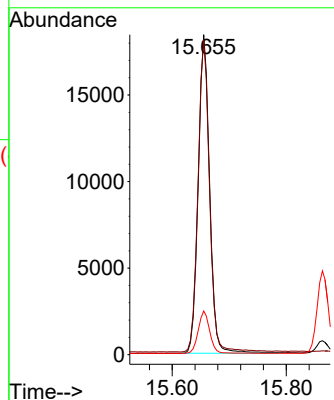
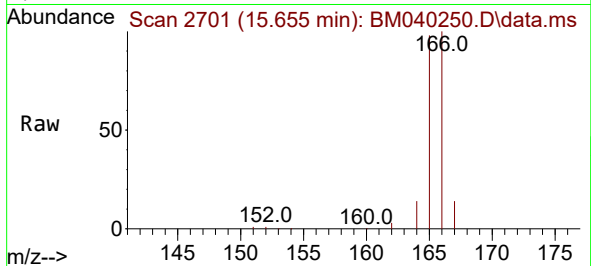




#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.655 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

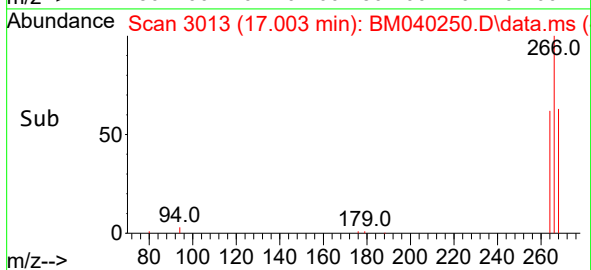
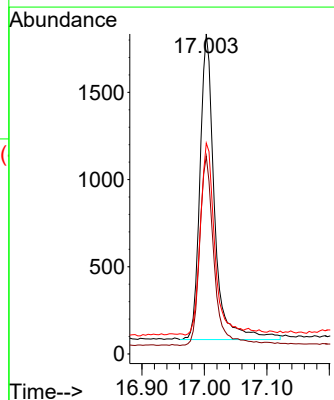
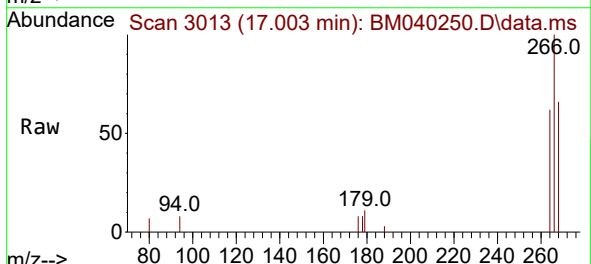
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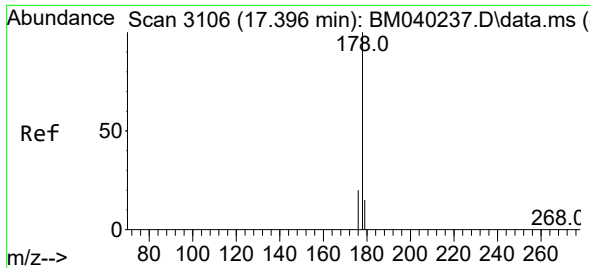
Tgt Ion:166 Resp: 25618
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.4
167 13.6 11.0 16.4



#14
Pentachlorophenol
Concen: 0.393 ng/ul
RT: 17.003 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

Tgt Ion:266 Resp: 2833
Ion Ratio Lower Upper
266 100
264 61.6 49.4 74.0
268 63.9 51.3 76.9

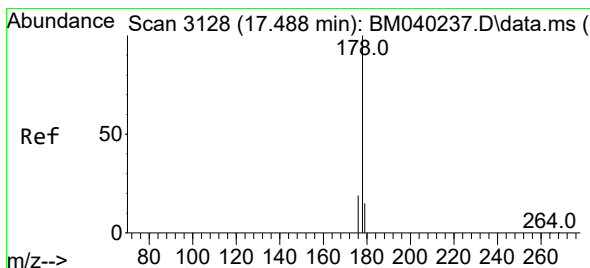
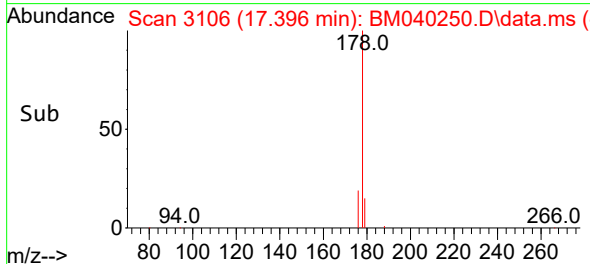
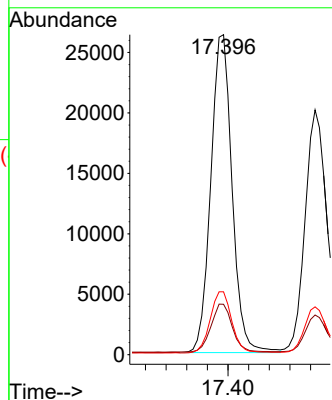
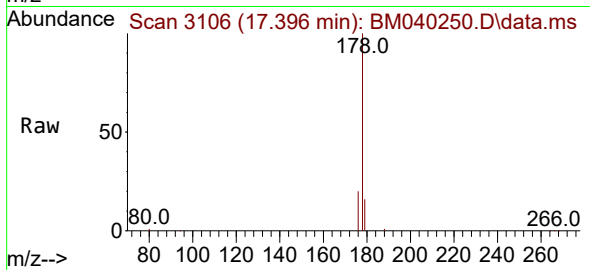




#15
Phenanthrene
Concen: 0.405 ng/ul
RT: 17.396 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

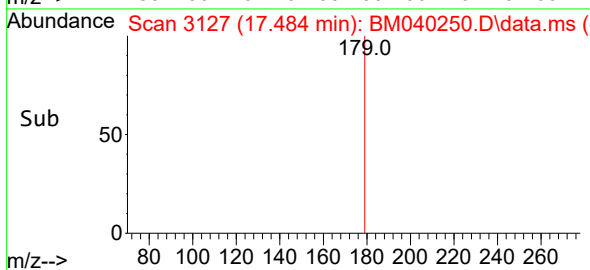
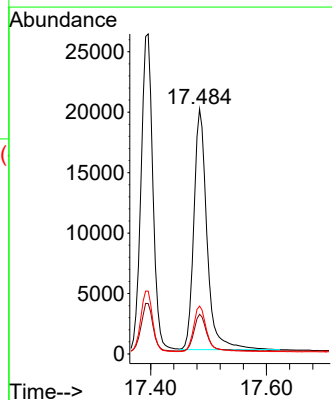
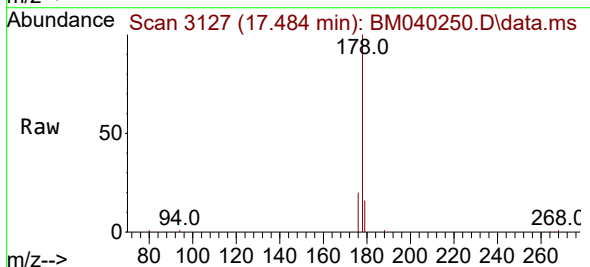
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ClientSampleId :
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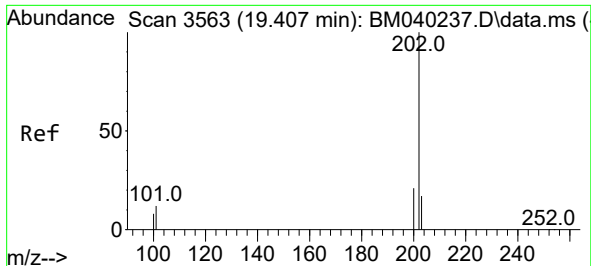
Tgt Ion:178 Resp: 37640
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.7 16.1 24.1



#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

Tgt Ion:178 Resp: 31328
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.6 15.5 23.3

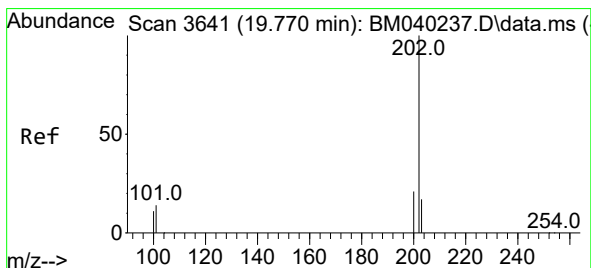
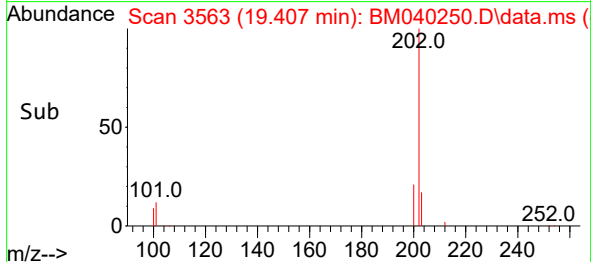
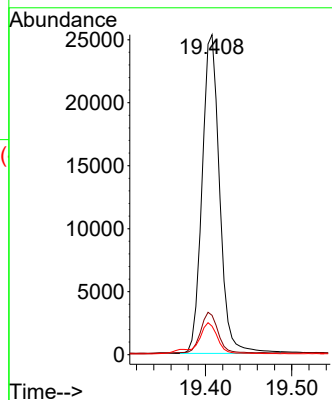
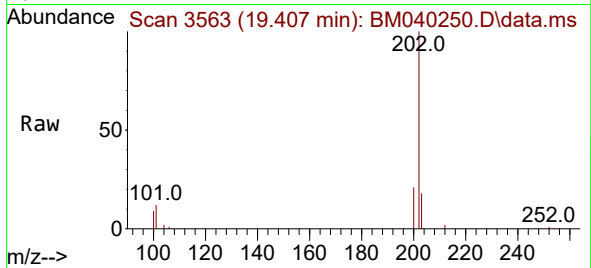




#19
Fluoranthene
Concen: 0.490 ng/ul
RT: 19.407 min Scan# 3563
Delta R.T. 0.000 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

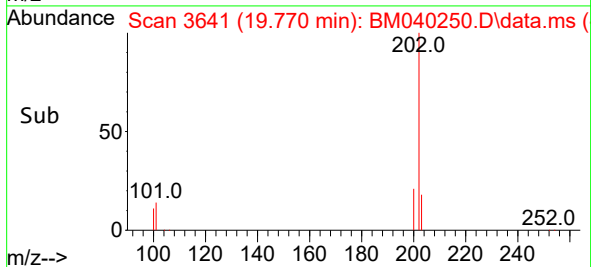
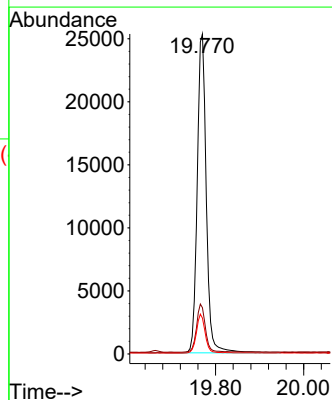
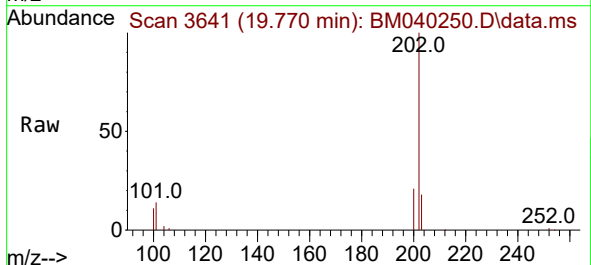
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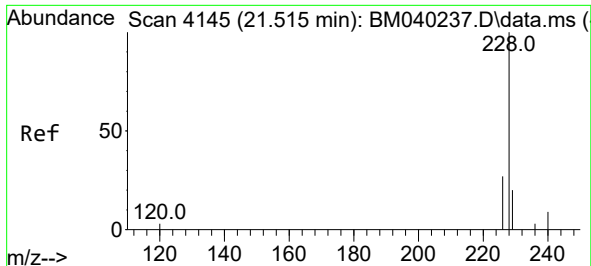
Tgt Ion:202 Resp: 35669
Ion Ratio Lower Upper
202 100
101 12.3 10.2 15.4
100 8.9 7.6 11.4



#20
Pyrene
Concen: 0.478 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

Tgt Ion:202 Resp: 36183
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.8
100 11.2 9.3 13.9

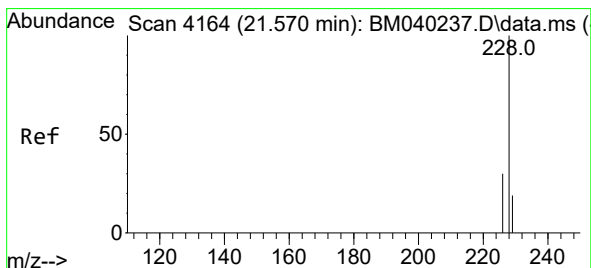
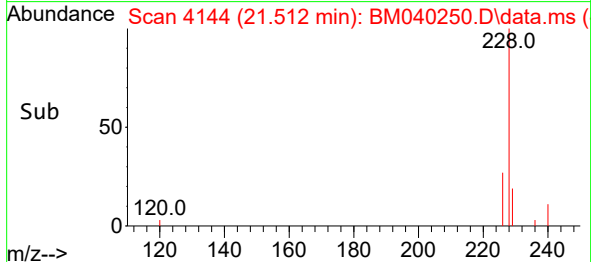
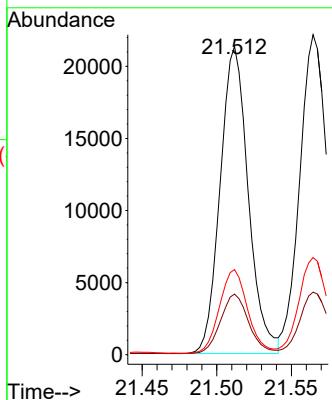
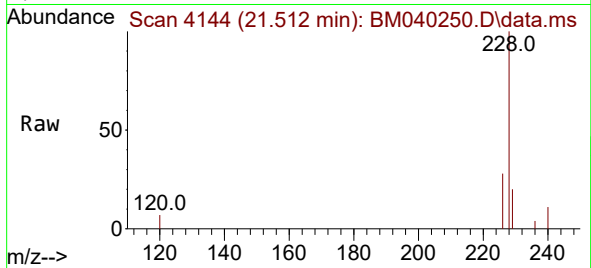




#21
Benzo(a)anthracene
Concen: 0.442 ng/ul
RT: 21.512 min Scan# 4145
Delta R.T. -0.003 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

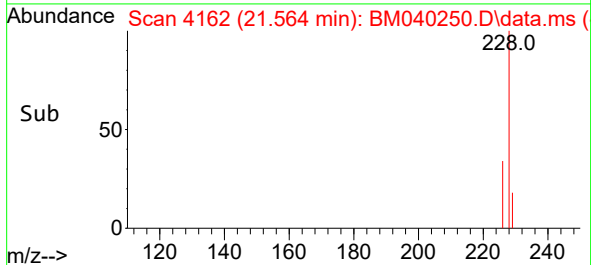
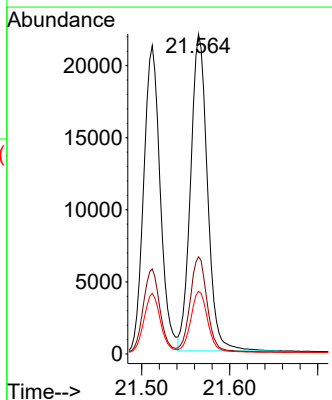
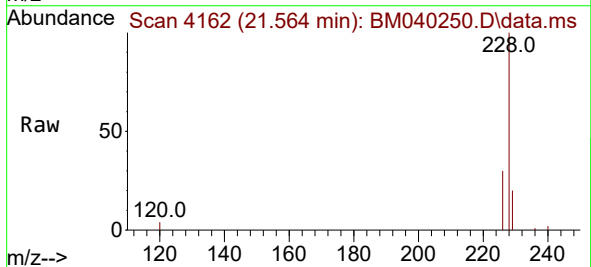
Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

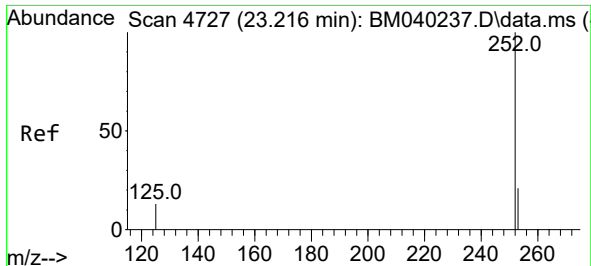
Tgt Ion:228 Resp: 27889
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.6 22.0 33.0



#22
Chrysene
Concen: 0.439 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

Tgt Ion:228 Resp: 29273
Ion Ratio Lower Upper
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226 30.3 24.3 36.5
229 19.6 15.7 23.5

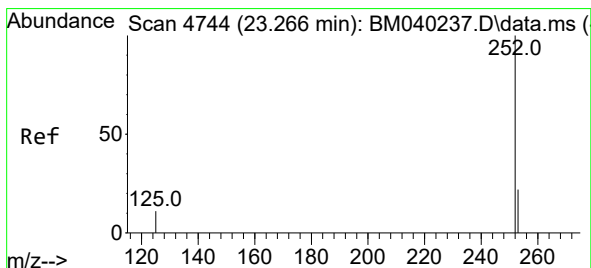
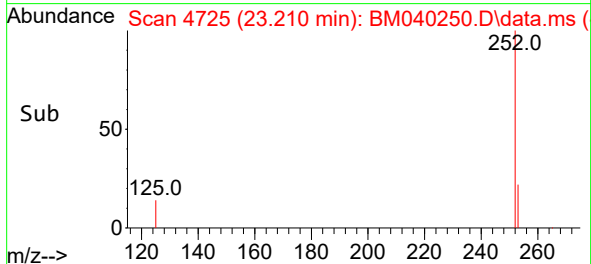
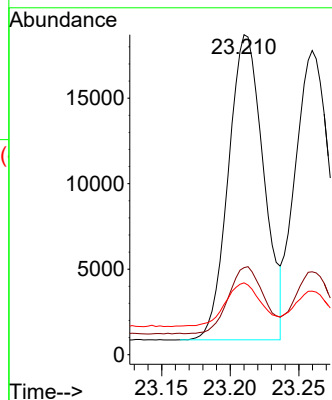
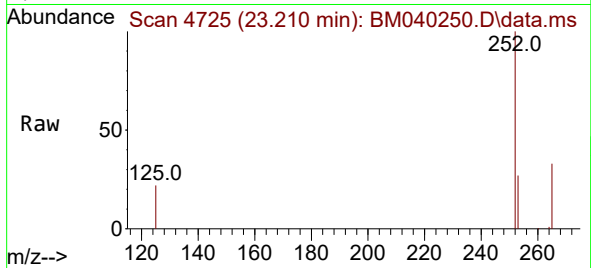




#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul
RT: 23.210 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

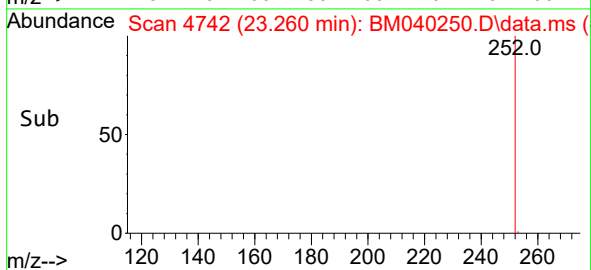
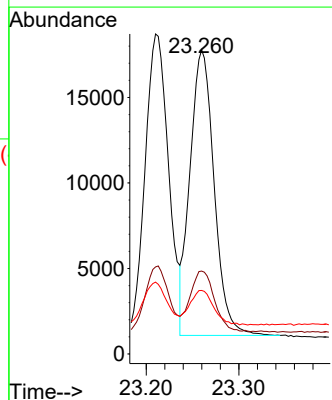
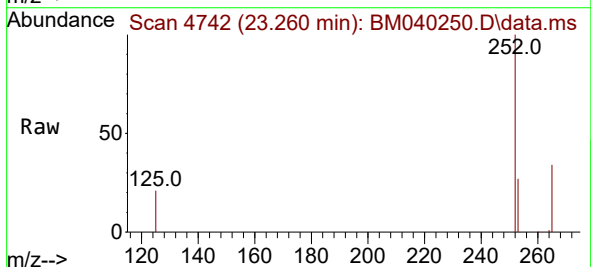
Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

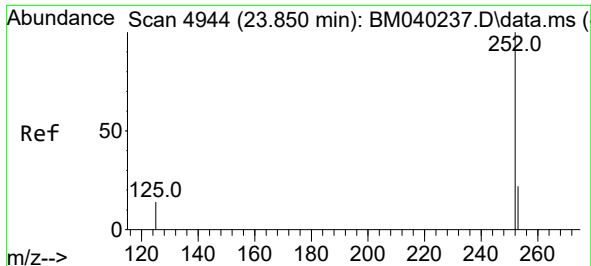
Tgt Ion:252 Resp: 31883
Ion Ratio Lower Upper
252 100
253 27.2 0.0 52.4
125 22.5 0.0 38.4



#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 23.260 min Scan# 4742
Delta R.T. -0.006 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

Tgt Ion:252 Resp: 30212
Ion Ratio Lower Upper
252 100
253 27.3 21.5 32.3
125 20.9 14.7 22.1

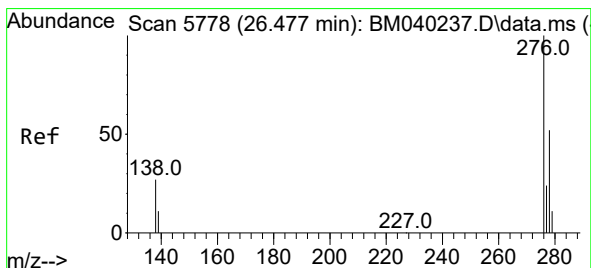
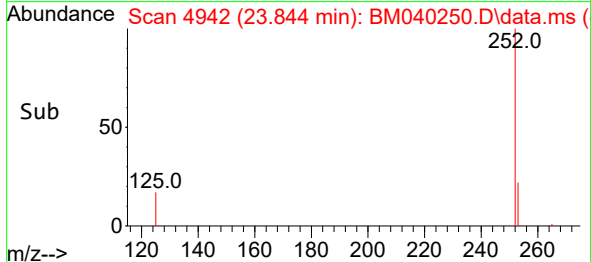
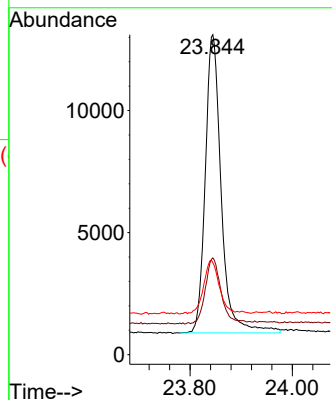
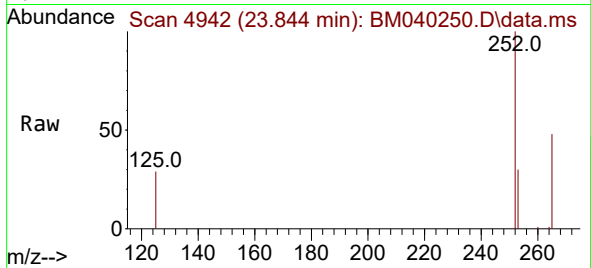




#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.844 min Scan# 4944
Delta R.T. -0.006 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

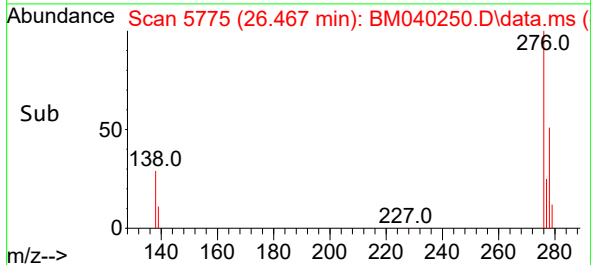
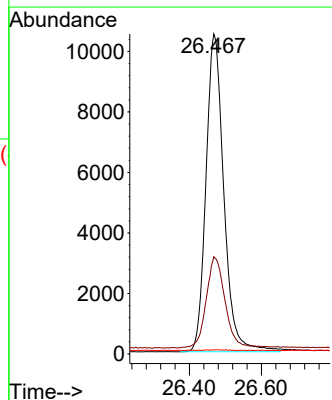
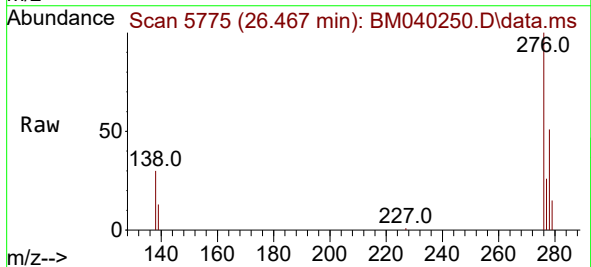
Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

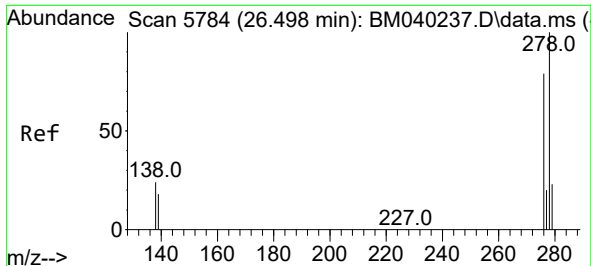
Tgt Ion:252 Resp: 26422
Ion Ratio Lower Upper
252 100
253 30.2 23.4 35.0
125 28.8 19.7 29.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng/ul
RT: 26.467 min Scan# 5775
Delta R.T. -0.010 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

Tgt Ion:276 Resp: 36144
Ion Ratio Lower Upper
276 100
138 30.7 23.3 34.9
227 0.0 0.1 0.1#

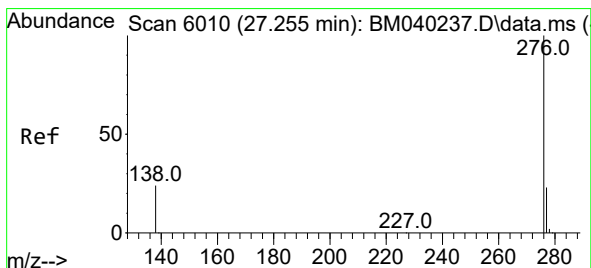
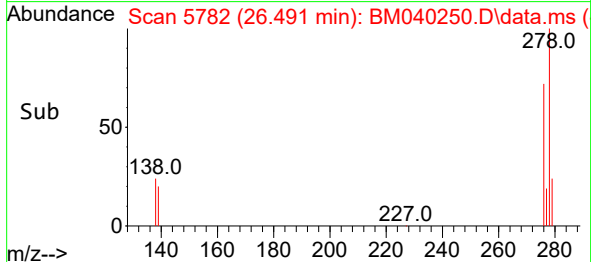
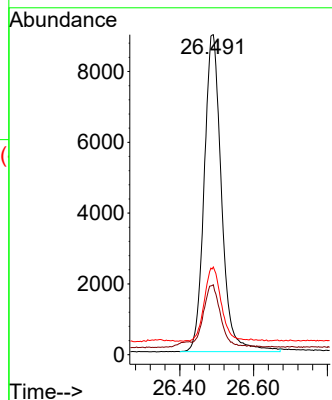
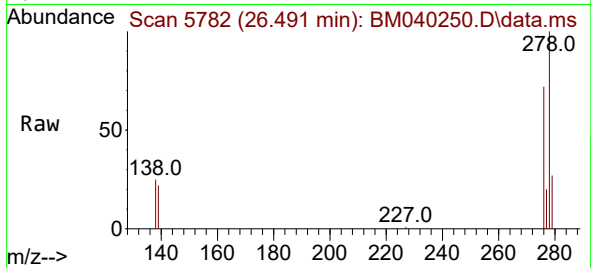




#28
Dibenzo(a,h)anthracene
Concen: 0.438 ng/ul
RT: 26.491 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Tgt Ion:278 Resp: 29168
Ion Ratio Lower Upper
278 100
139 21.9 16.4 24.6
279 27.4 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 27.245 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BM040250.D
Acq: 14 Jun 2023 23:43

Tgt Ion:276 Resp: 30887
Ion Ratio Lower Upper
276 100
138 27.2 21.0 31.4
277 24.6 19.6 29.4

