

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040235.D
 Acq On : 14 Jun 2023 12:40
 Operator : MA/JU
 Sample : SST0.182
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1015

Quant Time: Jun 15 00:20:45 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 00:19:21 2023
 Response via : Initial Calibration

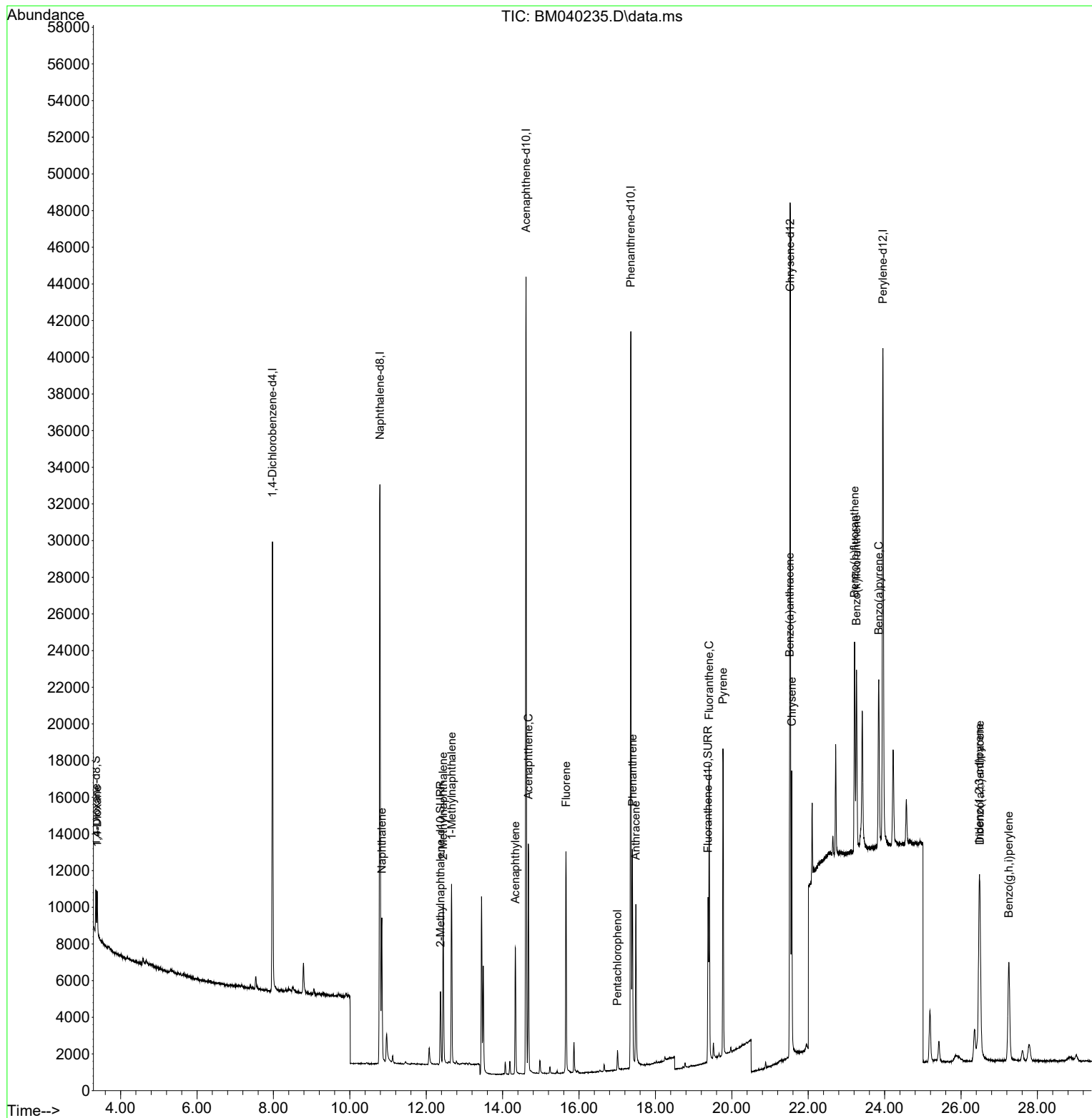
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	12753	0.400	ng/ul	0.00
4) Naphthalene-d8	10.788	136	44834	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.613	164	23673	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.356	188	47399	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	40212	0.400	ng/ul	0.00
23) Perylene-d12	23.956	264	38941	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.354	96	1539	0.097	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	5594	0.098	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	9763	0.097	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.388	88	1574	0.095	ng/ul#	74
5) Naphthalene	10.837	128	10540	0.099	ng/ul	97
7) 2-Methylnaphthalene	12.443	142	6428	0.097	ng/ul	100
8) 1-Methylnaphthalene	12.663	142	6737	0.097	ng/ul	100
10) Acenaphthylene	14.335	152	8303	0.100	ng/ul	99
11) Acenaphthene	14.673	153	7004	0.099	ng/ul	99
12) Fluorene	15.658	166	7740	0.098	ng/ul	99
14) Pentachlorophenol	17.006	266	816	0.084	ng/ul	96
15) Phenanthrene	17.398	178	12522	0.100	ng/ul	98
16) Anthracene	17.487	178	10171	0.096	ng/ul	96
19) Fluoranthene	19.406	202	13603	0.099	ng/ul	96
20) Pyrene	19.768	202	14557	0.102	ng/ul	98
21) Benzo(a)anthracene	21.512	228	12549	0.106	ng/ul	99
22) Chrysene	21.568	228	13266	0.106	ng/ul	99
24) Benzo(b)fluoranthene	23.213	252	14303	0.100	ng/ul#	61
25) Benzo(k)fluoranthene	23.263	252	13387	0.099	ng/ul#	71
26) Benzo(a)pyrene	23.848	252	12229	0.104	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	26.474	276	14922	0.100	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.494	278	11902	0.099	ng/ul#	83
29) Benzo(g,h,i)perylene	27.252	276	12497	0.100	ng/ul	93

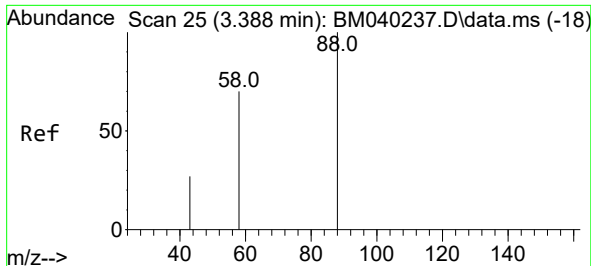
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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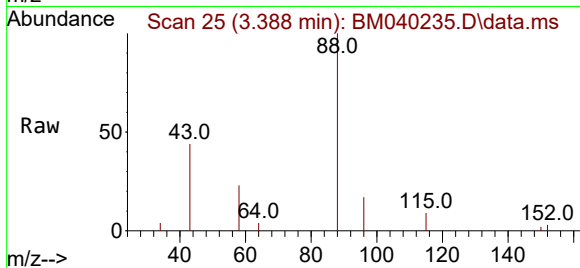
Quant Time: Jun 15 00:20:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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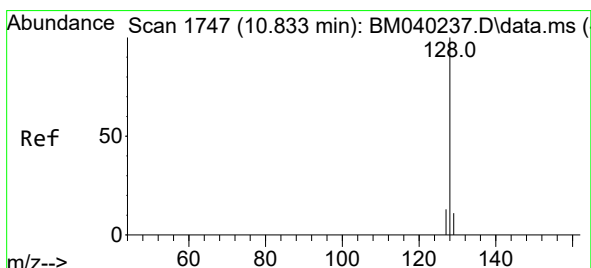
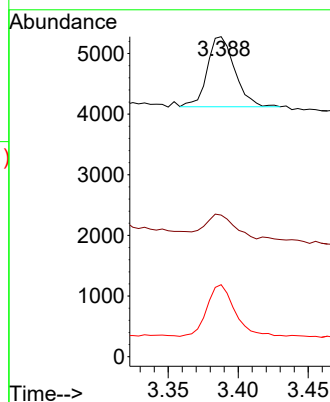
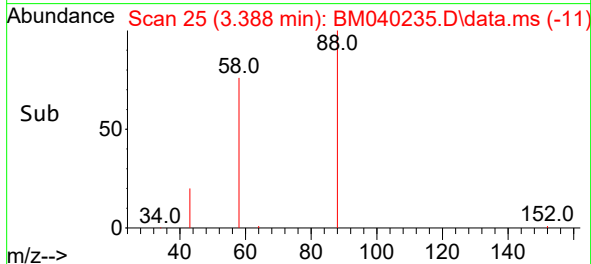


#2
1,4-Dioxane
Concen: 0.095 ng/ul
RT: 3.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

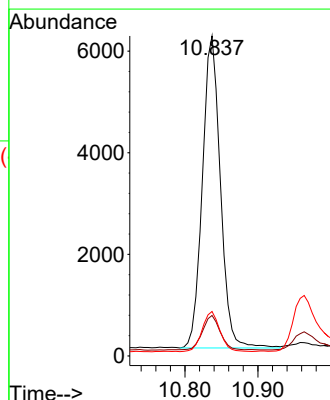
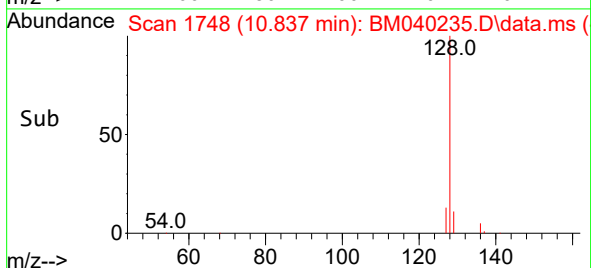
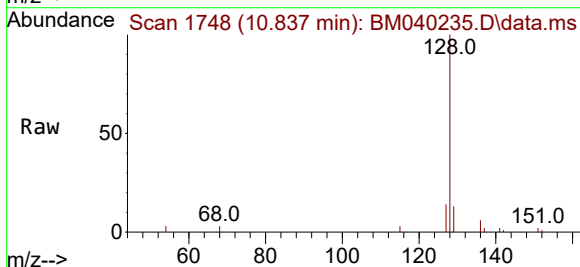


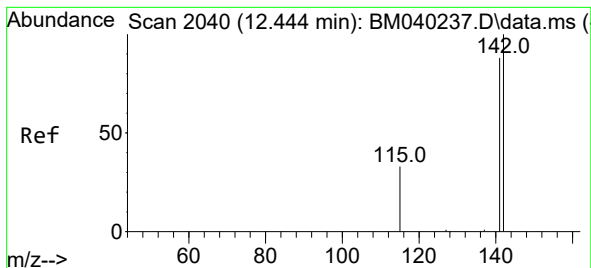
Tgt Ion: 88 Resp: 1574
Ion Ratio Lower Upper
88 100
43 44.3 30.3 45.5
58 22.5 38.8 58.2#



#5
Naphthalene
Concen: 0.099 ng/ul
RT: 10.837 min Scan# 1748
Delta R.T. 0.004 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Tgt Ion: 128 Resp: 10540
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 13.9 10.4 15.6

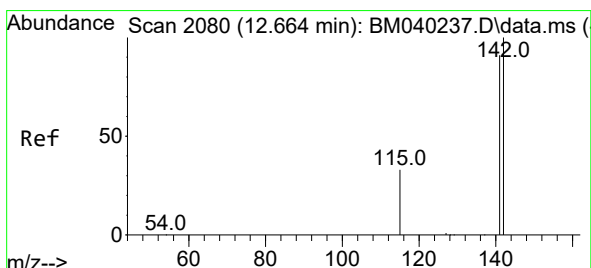
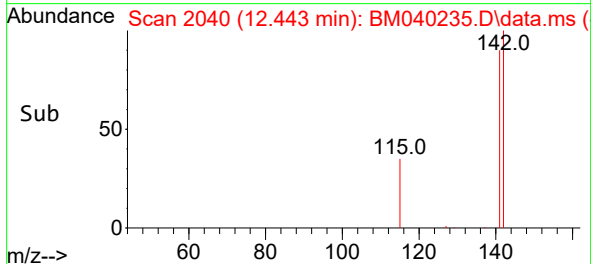
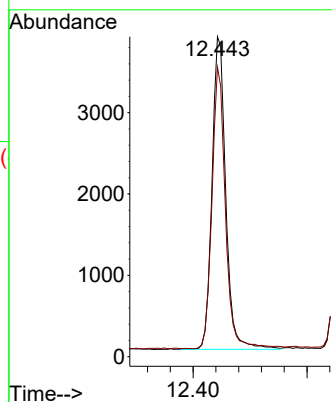
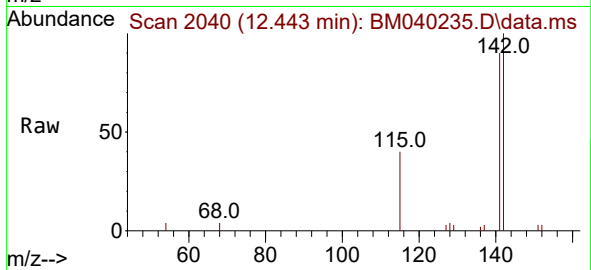




#7
2-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.443 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

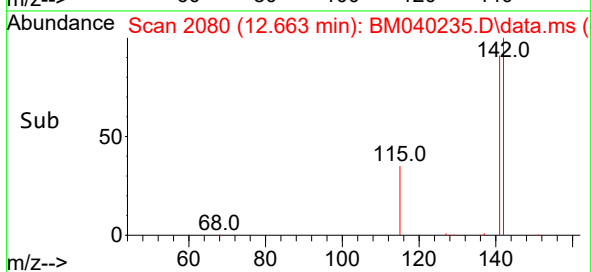
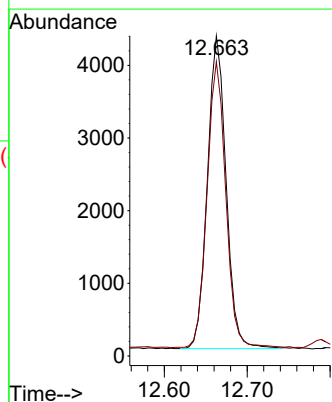
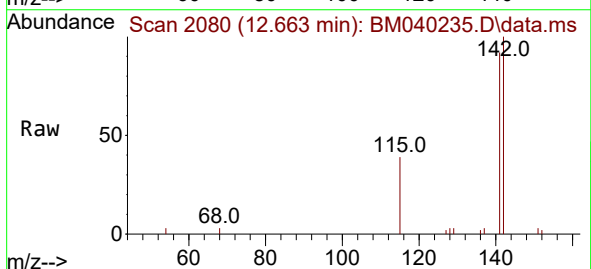
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

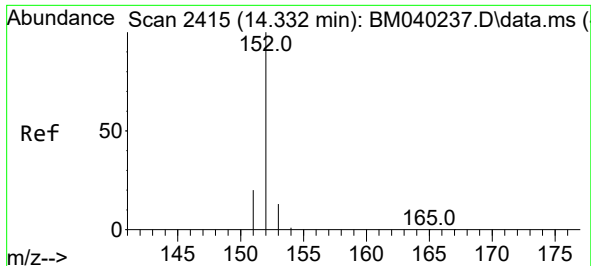
Tgt Ion:142 Resp: 6428
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0



#8
1-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.663 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Tgt Ion:142 Resp: 6737
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4

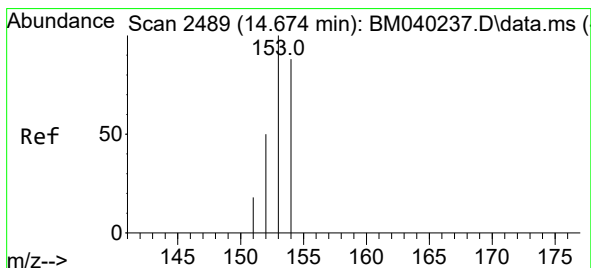
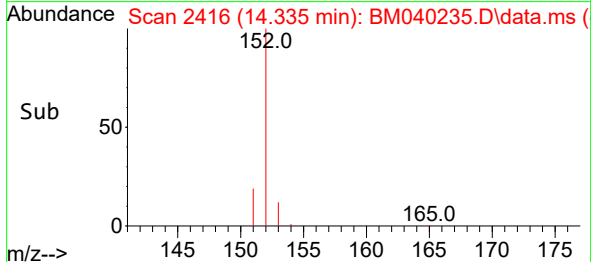
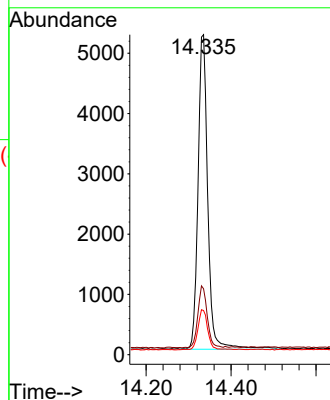
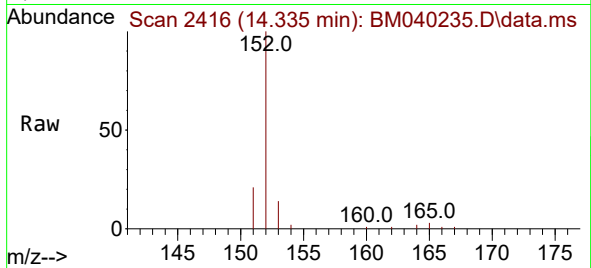




#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 14.335 min Scan# 2415
Delta R.T. 0.003 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

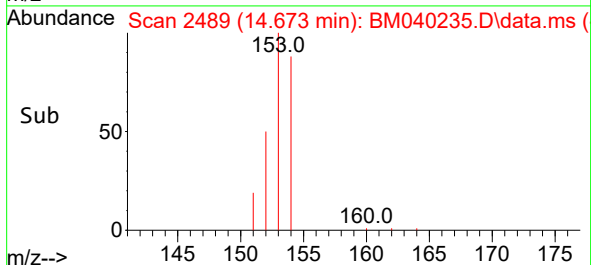
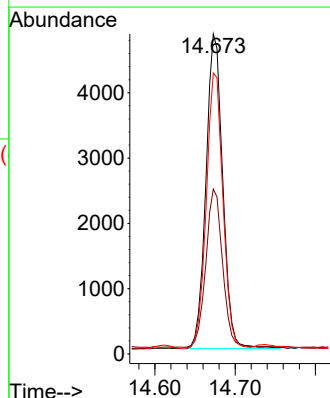
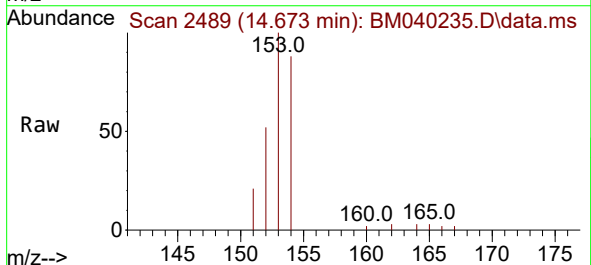
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

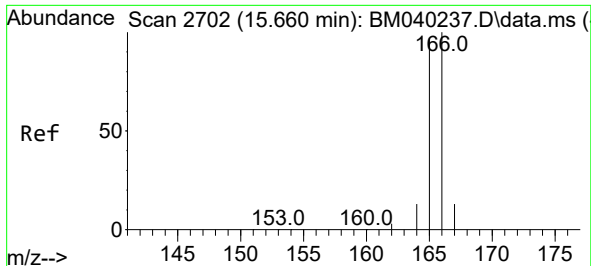
Tgt Ion:152 Resp: 8303
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.8 10.7 16.1



#11
Acenaphthene
Concen: 0.099 ng/ul
RT: 14.673 min Scan# 2489
Delta R.T. -0.001 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Tgt Ion:153 Resp: 7004
Ion Ratio Lower Upper
153 100
152 51.5 40.3 60.5
154 87.8 70.5 105.7

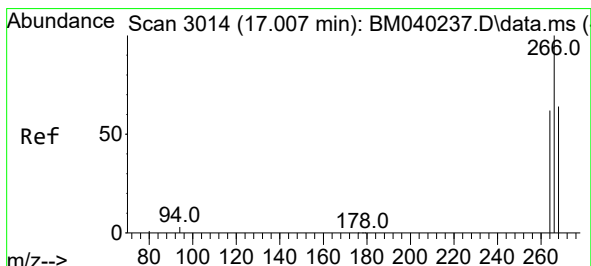
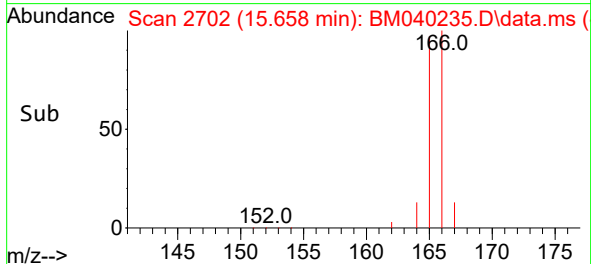
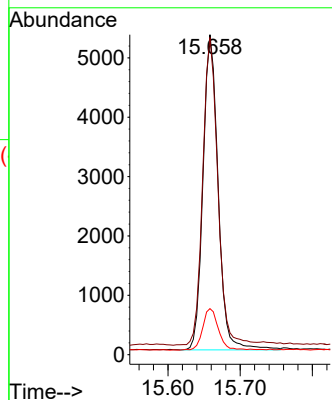
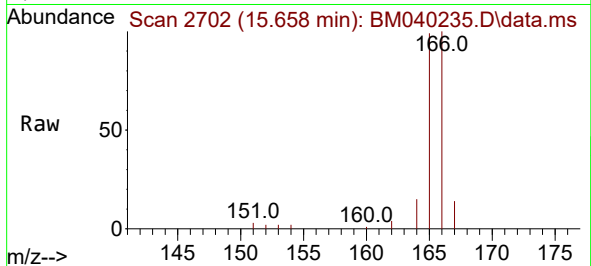




#12
Fluorene
Concen: 0.098 ng/ul
RT: 15.658 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

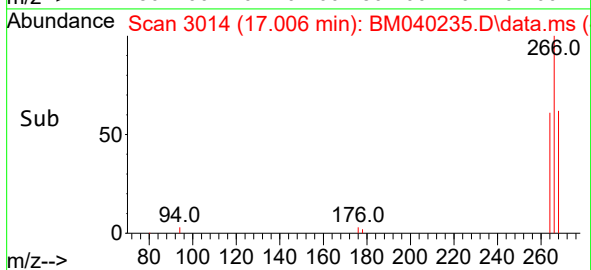
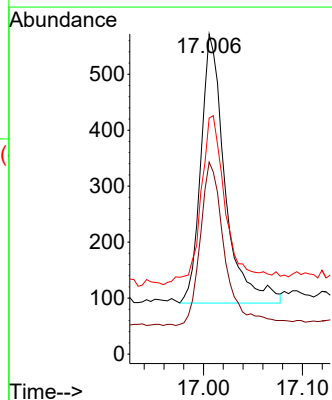
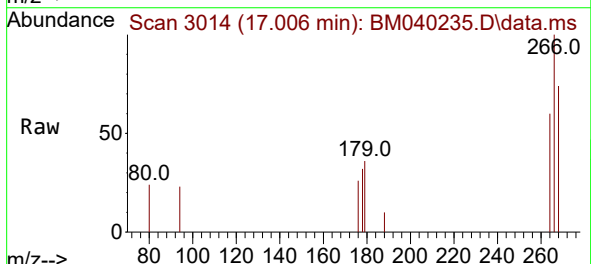
Instrument :
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SSTD0.1015

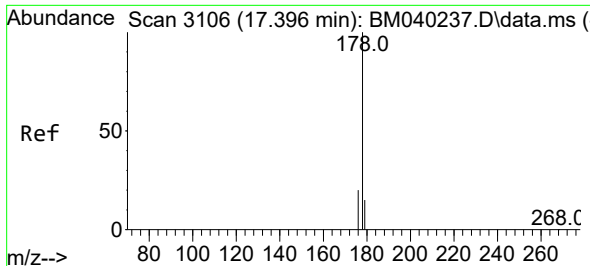
Tgt Ion:166 Resp: 7740
Ion Ratio Lower Upper
166 100
165 99.1 78.2 117.4
167 14.4 11.0 16.4



#14
Pentachlorophenol
Concen: 0.084 ng/ul
RT: 17.006 min Scan# 3014
Delta R.T. -0.001 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Tgt Ion:266 Resp: 816
Ion Ratio Lower Upper
266 100
264 63.7 49.4 74.0
268 68.3 51.3 76.9

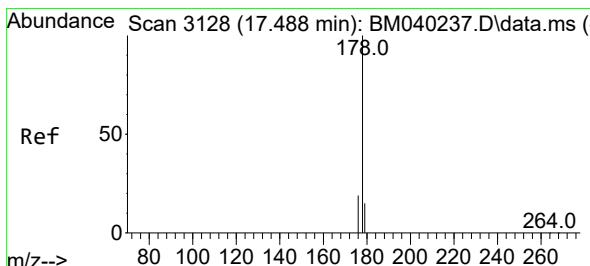
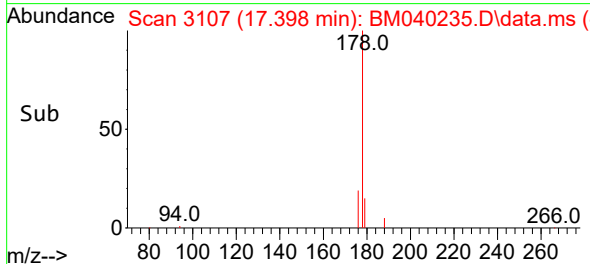
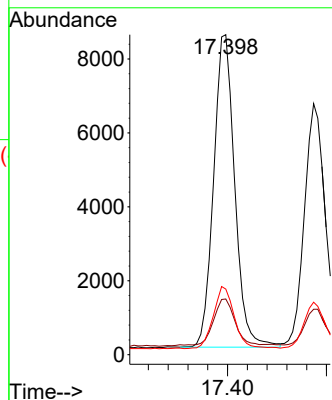
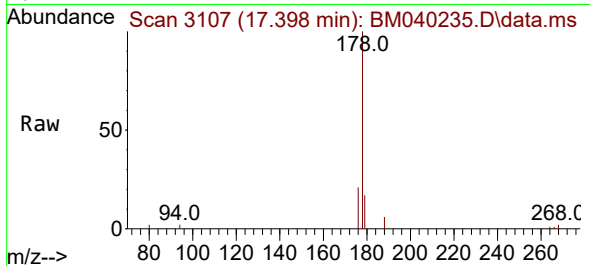




#15
Phenanthrene
Concen: 0.100 ng/ul
RT: 17.398 min Scan# 3106
Delta R.T. 0.003 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

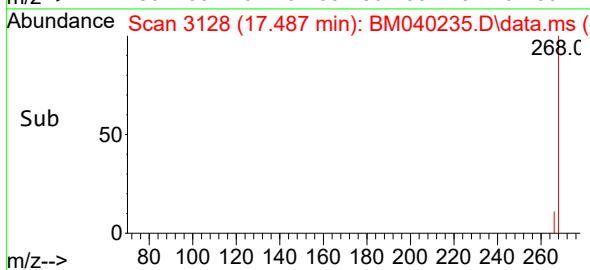
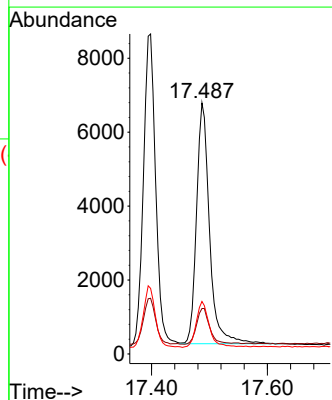
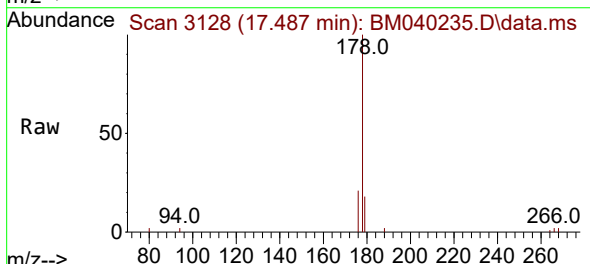
Instrument :
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ClientSampleId :
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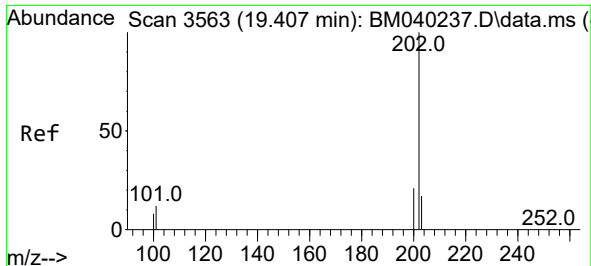
Tgt Ion:178 Resp: 12522
Ion Ratio Lower Upper
178 100
179 17.4 12.6 19.0
176 20.5 16.1 24.1



#16
Anthracene
Concen: 0.096 ng/ul
RT: 17.487 min Scan# 3128
Delta R.T. -0.001 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Tgt Ion:178 Resp: 10171
Ion Ratio Lower Upper
178 100
179 18.1 13.0 19.4
176 20.9 15.5 23.3

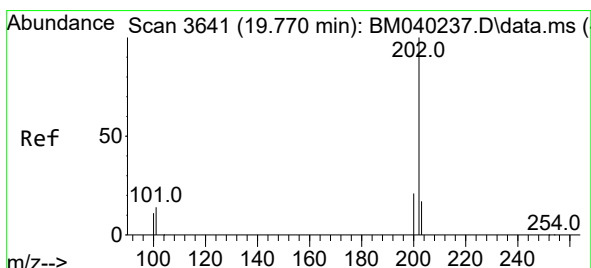
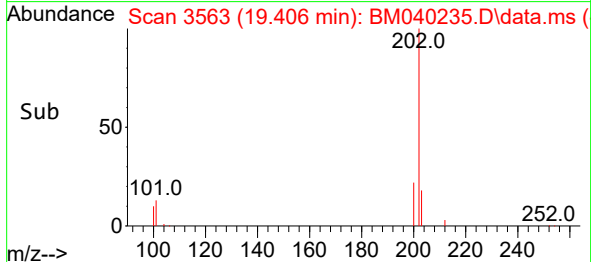
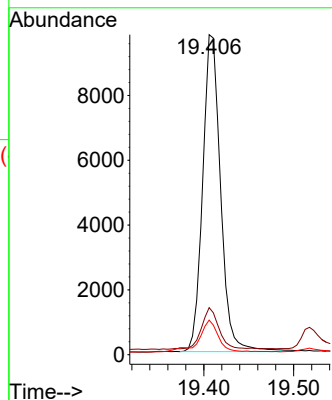
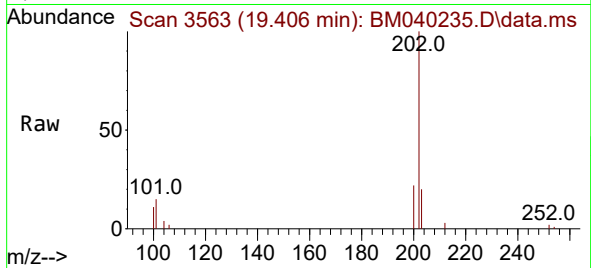




#19
Fluoranthene
Concen: 0.099 ng/ul
RT: 19.406 min Scan# 3563
Delta R.T. -0.001 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

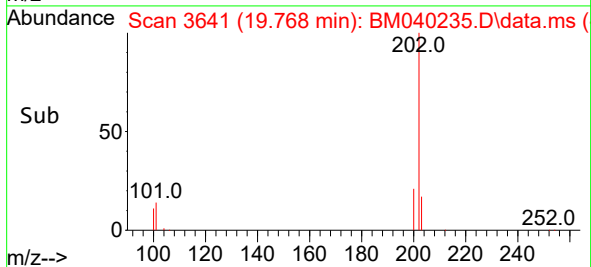
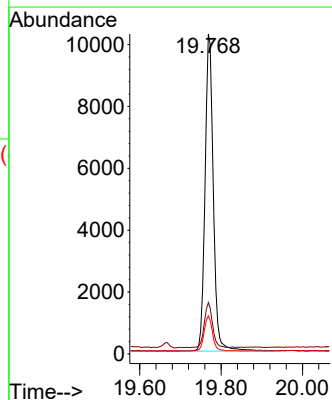
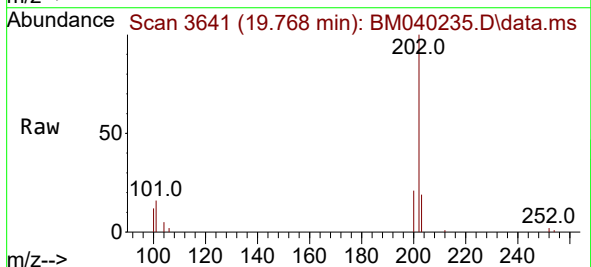
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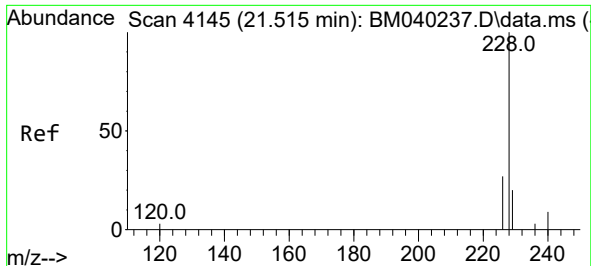
Tgt Ion:202 Resp: 13603
Ion Ratio Lower Upper
202 100
101 14.7 10.2 15.4
100 10.8 7.6 11.4



#20
Pyrene
Concen: 0.102 ng/ul
RT: 19.768 min Scan# 3641
Delta R.T. -0.001 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Tgt Ion:202 Resp: 14557
Ion Ratio Lower Upper
202 100
101 16.1 11.8 17.8
100 11.9 9.3 13.9

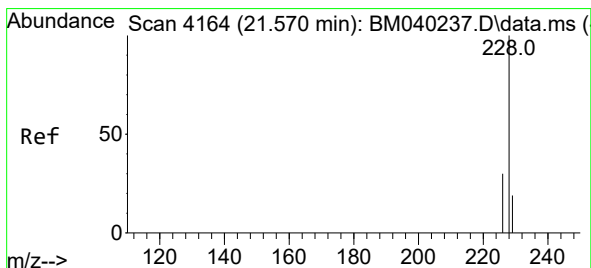
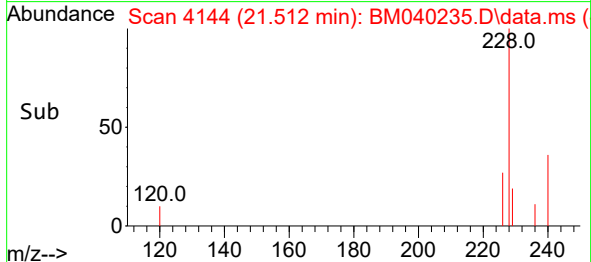
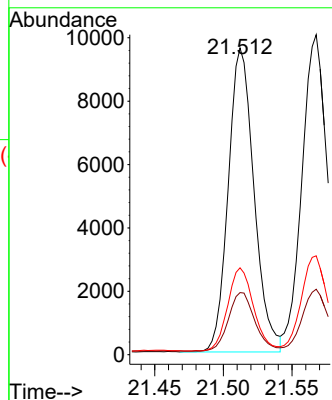
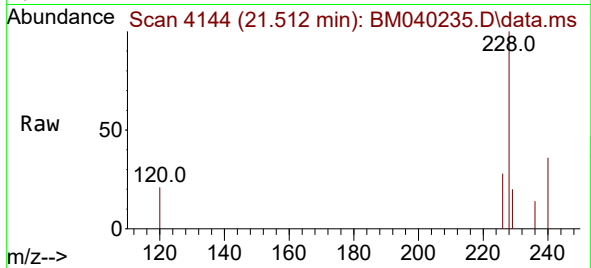




#21
Benzo(a)anthracene
Concen: 0.106 ng/ul
RT: 21.512 min Scan# 4145
Delta R.T. -0.003 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

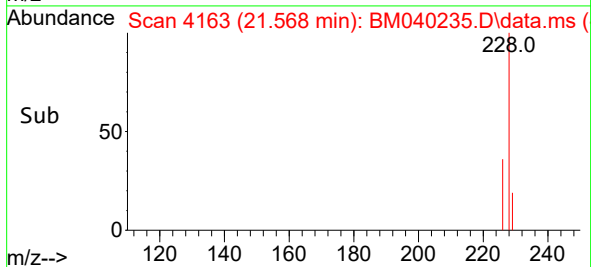
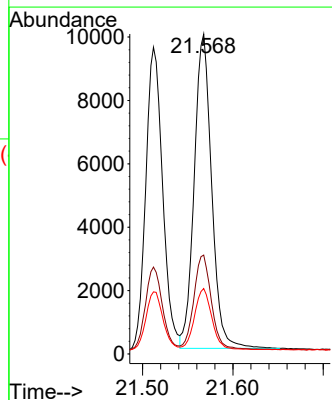
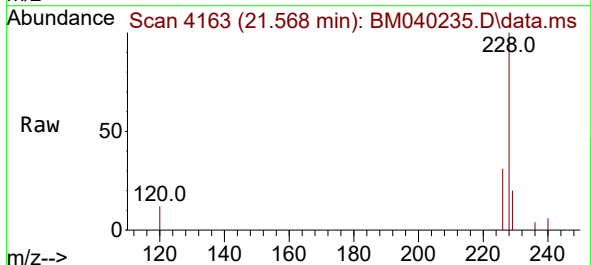
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

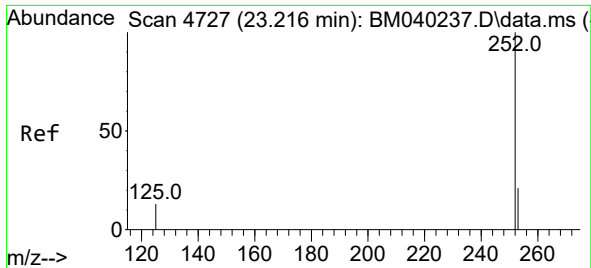
Tgt Ion:228 Resp: 12549
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 28.3 22.0 33.0



#22
Chrysene
Concen: 0.106 ng/ul
RT: 21.568 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Tgt Ion:228 Resp: 13266
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 20.5 15.7 23.5

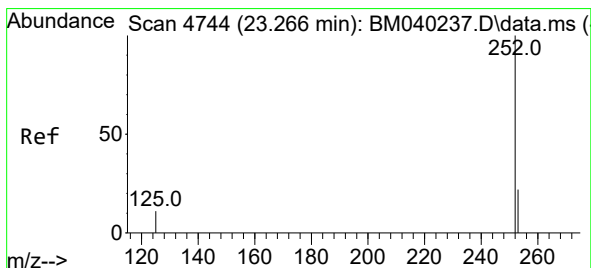
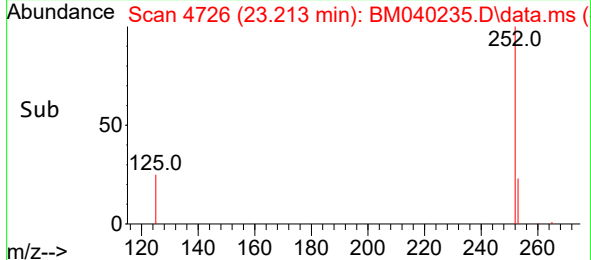
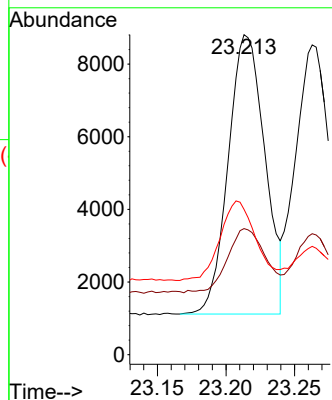
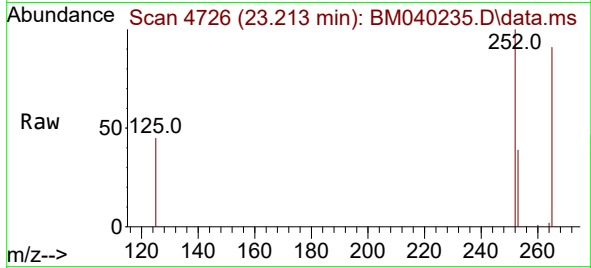




#24
Benzo(b)fluoranthene
Concen: 0.100 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

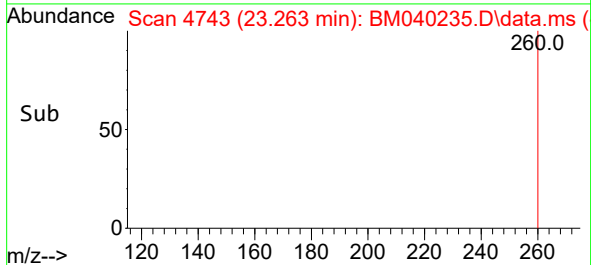
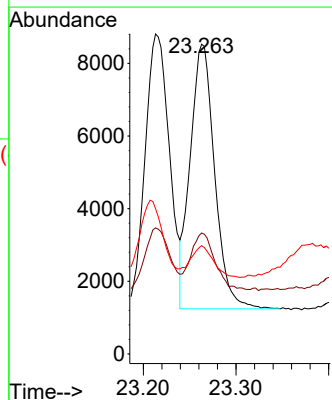
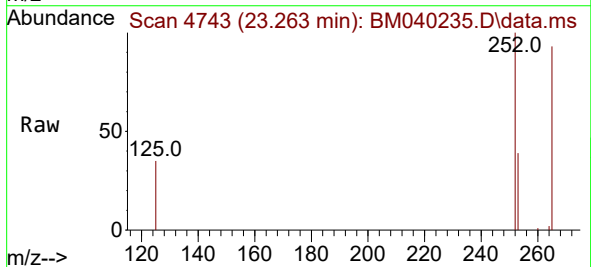
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

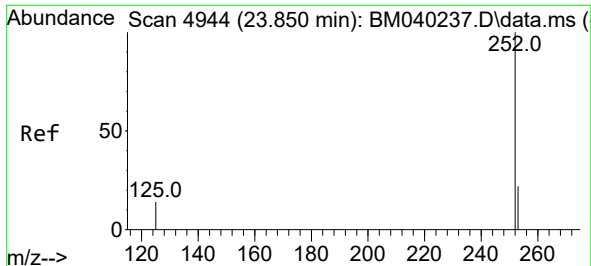
Tgt Ion:252 Resp: 14303
Ion Ratio Lower Upper
252 100
253 39.4 0.0 52.4
125 45.4 0.0 38.4#



#25
Benzo(k)fluoranthene
Concen: 0.099 ng/ul
RT: 23.263 min Scan# 4743
Delta R.T. -0.003 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Tgt Ion:252 Resp: 13387
Ion Ratio Lower Upper
252 100
253 39.0 21.5 32.3#
125 35.0 14.7 22.1#

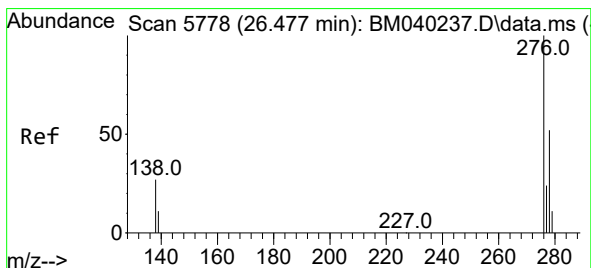
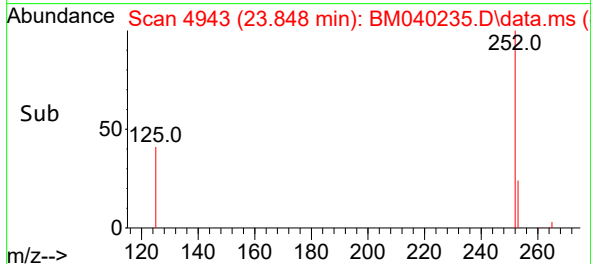
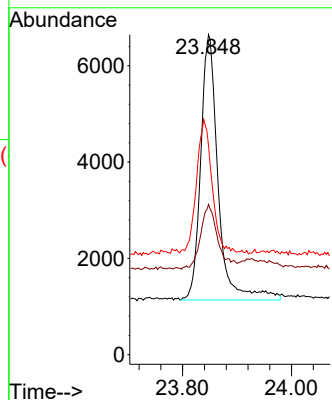
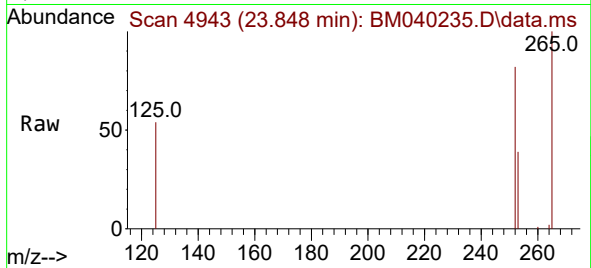




#26
Benzo(a)pyrene
Concen: 0.104 ng/ul
RT: 23.848 min Scan# 4944
Delta R.T. -0.003 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

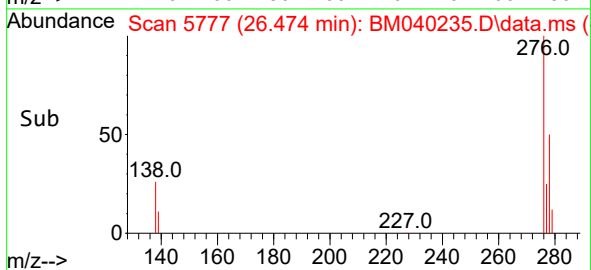
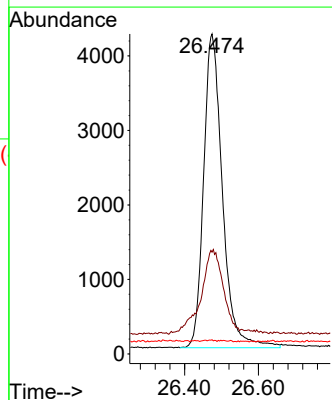
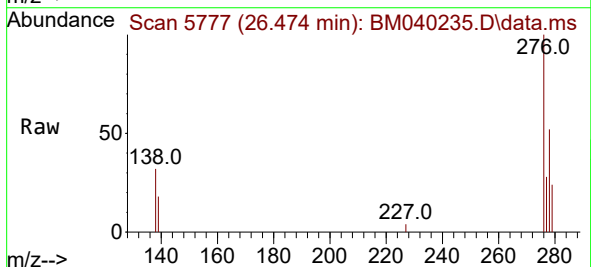
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

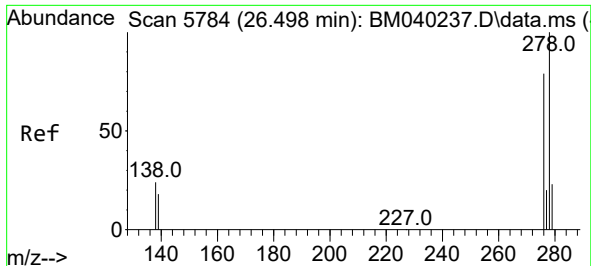
Tgt Ion:252 Resp: 12229
Ion Ratio Lower Upper
252 100
253 47.0 23.4 35.0#
125 65.3 19.7 29.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng/ul
RT: 26.474 min Scan# 5777
Delta R.T. -0.003 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Tgt Ion:276 Resp: 14922
Ion Ratio Lower Upper
276 100
138 31.5 23.3 34.9
227 0.2 0.1 0.1#

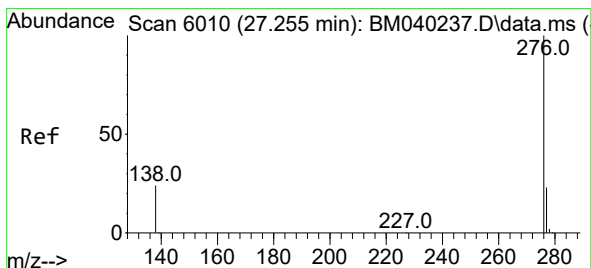
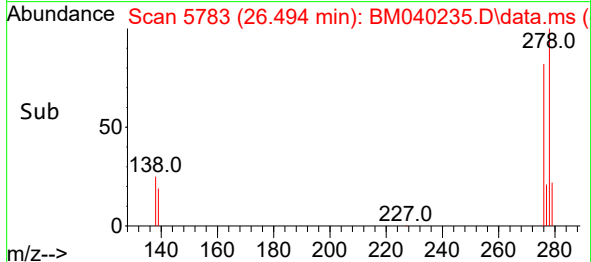
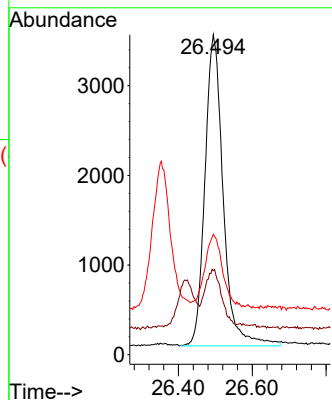
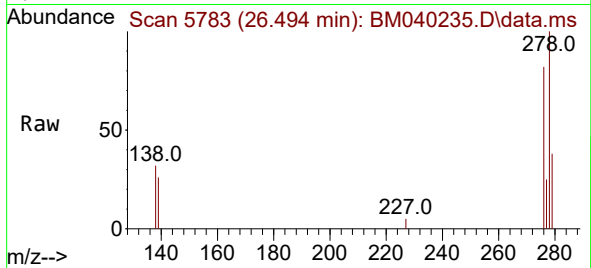




#28
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 26.494 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

Tgt Ion:278 Resp: 11902
Ion Ratio Lower Upper
278 100
139 26.2 16.4 24.6#
279 37.7 21.8 32.8#



#29
Benzo(g,h,i)perylene
Concen: 0.100 ng/ul
RT: 27.252 min Scan# 6009
Delta R.T. -0.003 min
Lab File: BM040235.D
Acq: 14 Jun 2023 12:40

Tgt Ion:276 Resp: 12497
Ion Ratio Lower Upper
276 100
138 30.9 21.0 31.4
277 26.5 19.6 29.4

