

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030322\
 Data File : BM034123.D
 Acq On : 03 Mar 2022 13:12
 Operator : CG/JU
 Sample : SST0.853
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8004

Quant Time: Mar 03 13:59:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 03 13:50:41 2022
 Response via : Initial Calibration

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

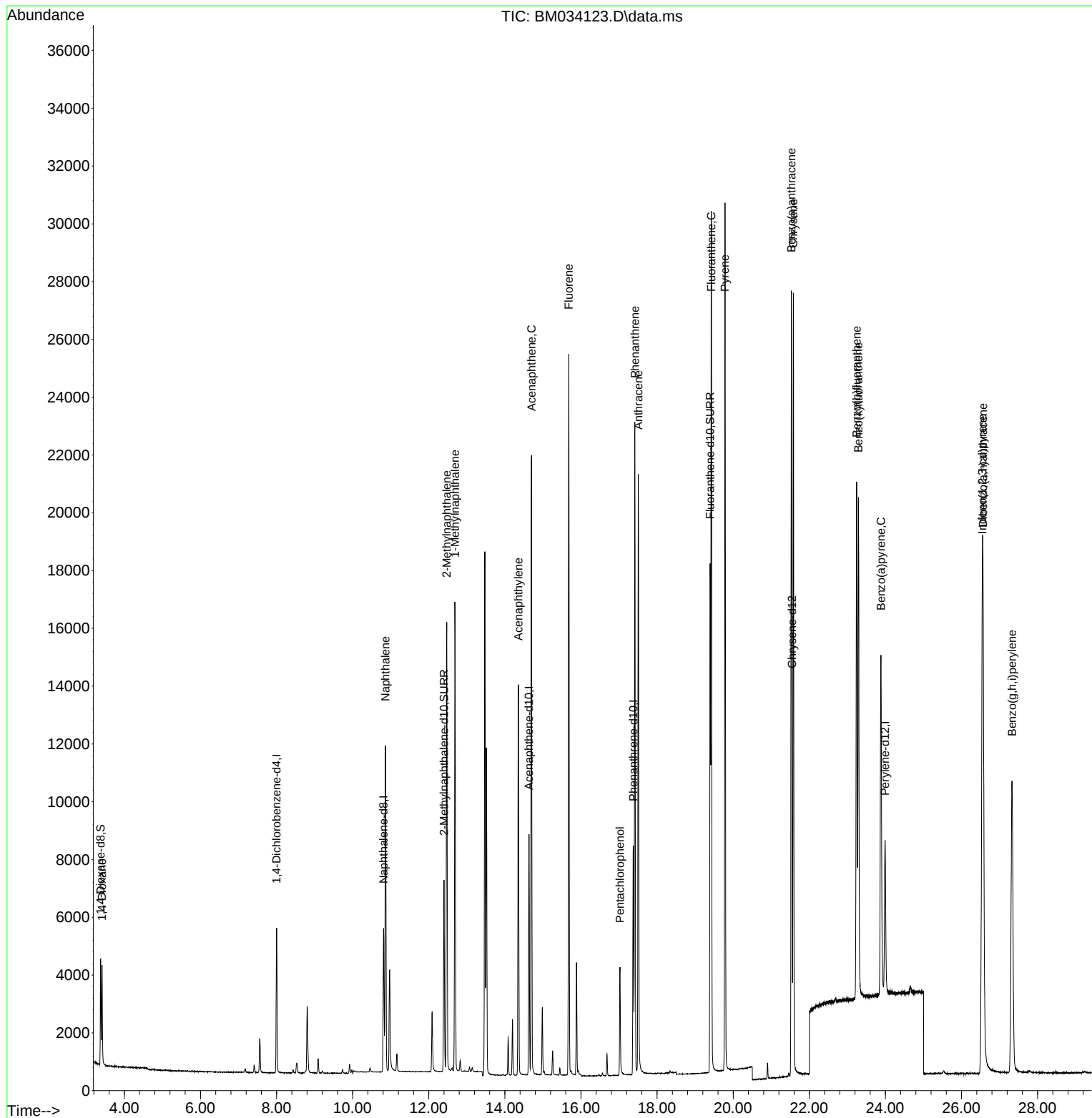
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	2584	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	6928	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.634	164	4572	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	10156	0.400	ng/ul #	0.00
17) Chrysene-d12	21.545	240	8378	0.400	ng/ul #	0.00
23) Perylene-d12	23.991	264	7846	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	2387	0.884	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	8568	0.897	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	20452	0.793	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	2367	0.837	ng/ul#	73
5) Naphthalene	10.862	128	15106	0.793	ng/ul#	87
7) 2-Methylnaphthalene	12.473	142	10861	0.878	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	10713	0.883	ng/ul	98
10) Acenaphthylene	14.356	152	15410	0.754	ng/ul#	89
11) Acenaphthene	14.698	153	12392	0.757	ng/ul	94
12) Fluorene	15.679	166	15150	0.812	ng/ul#	96
14) Pentachlorophenol	17.025	266	2565	0.550	ng/ul	97
15) Phenanthrene	17.417	178	24198	0.748	ng/ul	93
16) Anthracene	17.506	178	22425	0.740	ng/ul#	91
19) Fluoranthene	19.427	202	27765	0.727	ng/ul#	87
20) Pyrene	19.785	202	27253	0.697	ng/ul#	90
21) Benzo(a)anthracene	21.527	228	23012	0.672	ng/ul	96
22) Chrysene	21.580	228	24135	0.665	ng/ul	96
24) Benzo(b)fluoranthene	23.243	252	25281	0.717	ng/ul	86
25) Benzo(k)fluoranthene	23.290	252	25065	0.710	ng/ul#	83
26) Benzo(a)pyrene	23.883	252	21297	0.697	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.545	276	29648	0.729	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.565	278	24367	0.760	ng/ul#	81
29) Benzo(g,h,i)perylene	27.327	276	25799	0.748	ng/ul#	91

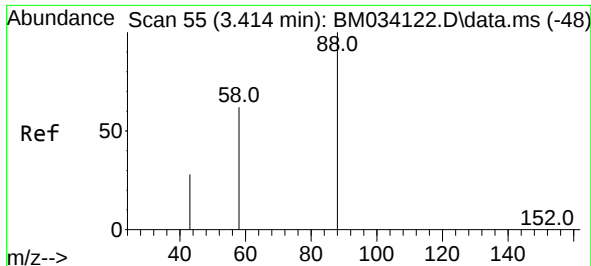
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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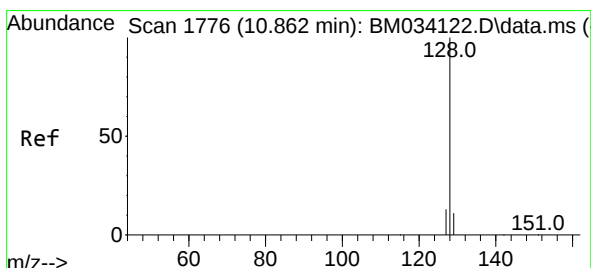
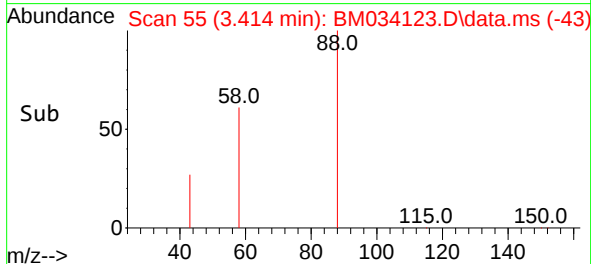
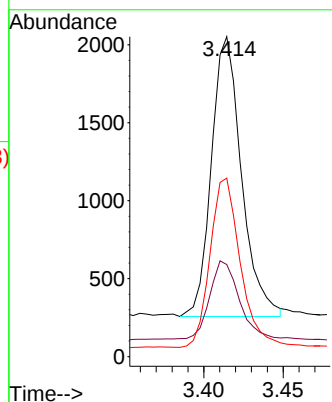
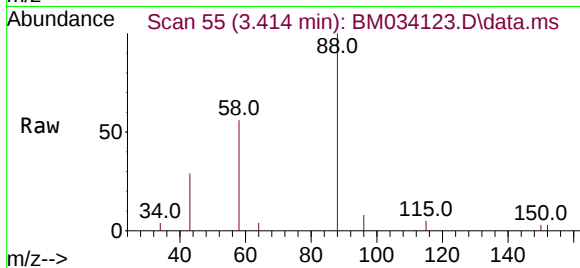




#2
1,4-Dioxane
Concen: 0.837 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

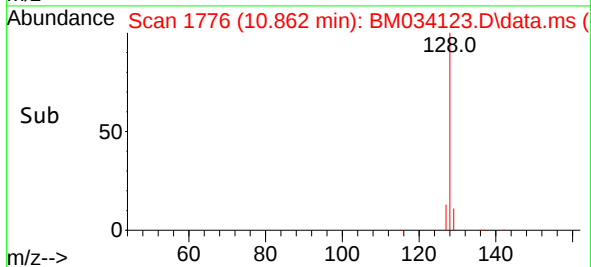
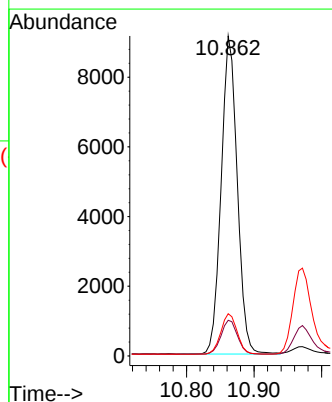
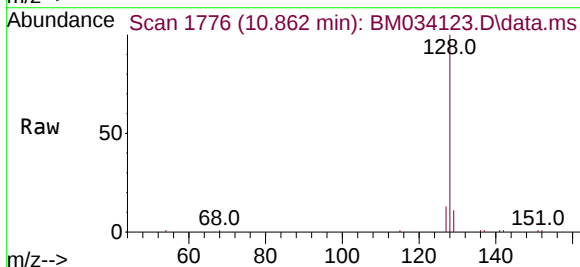
Instrument :
BNA_M
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SSTD0.8004

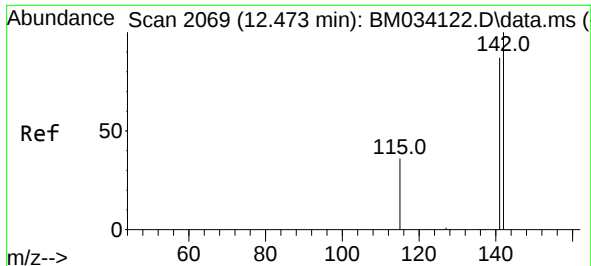
Tgt Ion: 88 Resp: 2367
Ion Ratio Lower Upper
88 100
43 28.8 49.7 74.5#
58 55.8 52.5 78.7



#5
Naphthalene
Concen: 0.793 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

Tgt Ion: 128 Resp: 15106
Ion Ratio Lower Upper
128 100
129 11.2 13.4 20.2#
127 13.2 15.2 22.8#

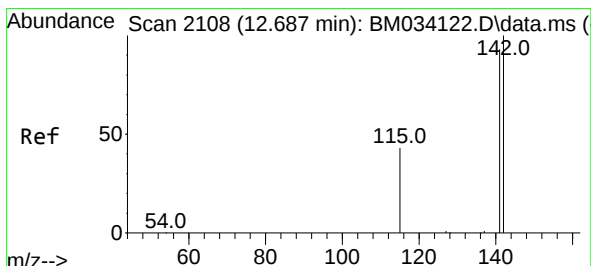
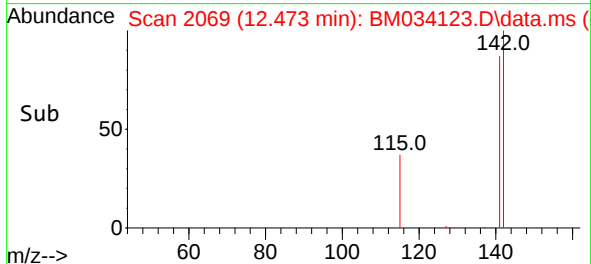
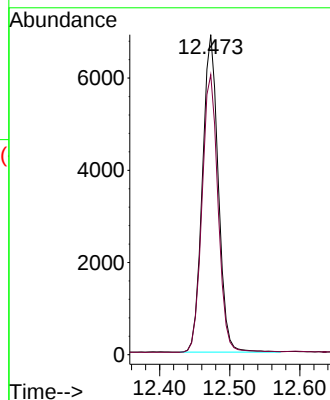
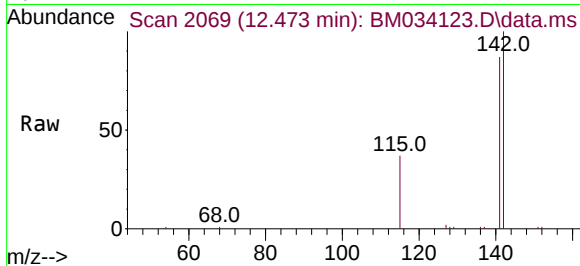




#7
2-Methylnaphthalene
Concen: 0.878 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

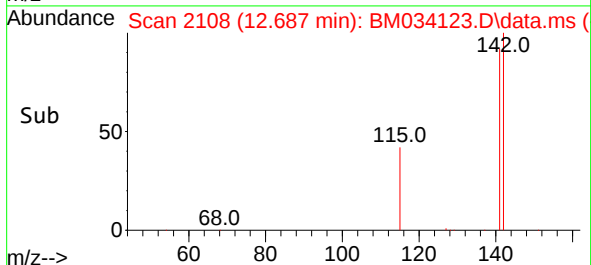
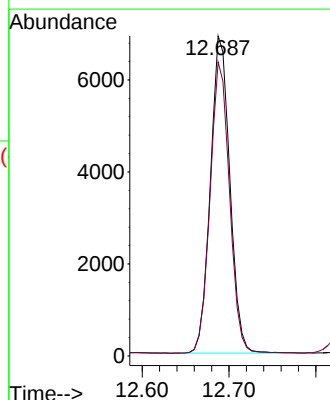
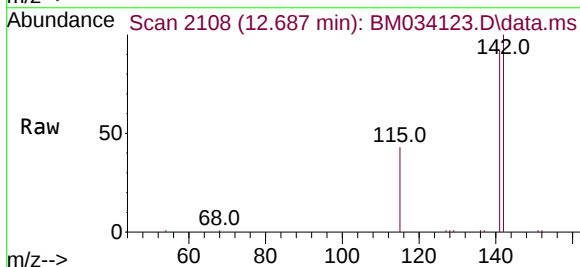
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

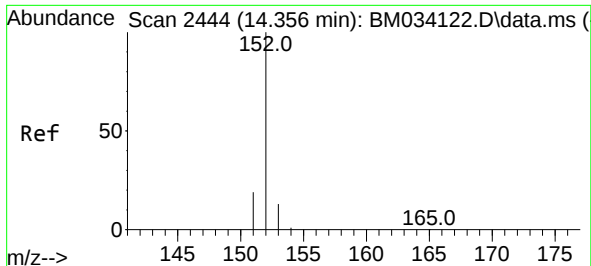
Tgt Ion:142 Resp: 10861
Ion Ratio Lower Upper
142 100
141 88.4 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.883 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

Tgt Ion:142 Resp: 10713
Ion Ratio Lower Upper
142 100
141 92.0 75.0 112.4

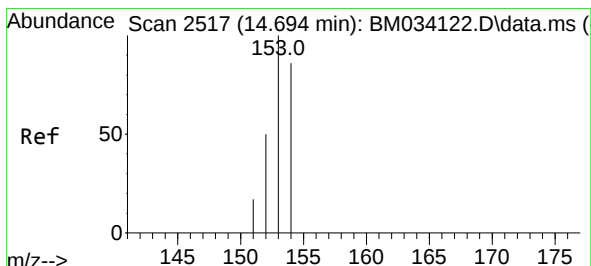
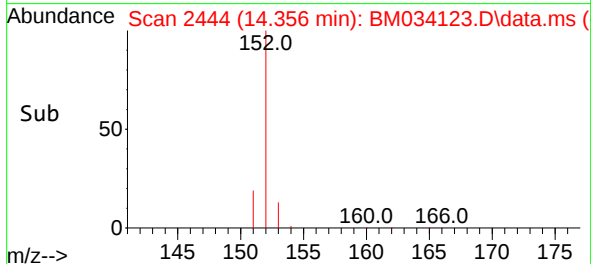
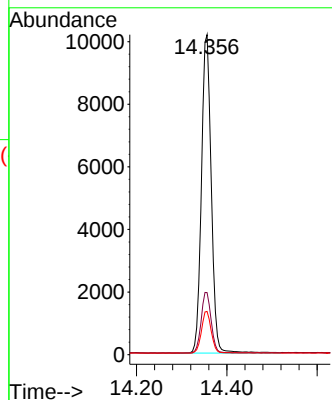
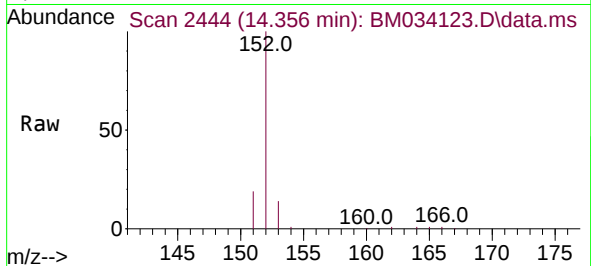




#10
Acenaphthylene
Concen: 0.754 ng/ul
RT: 14.356 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

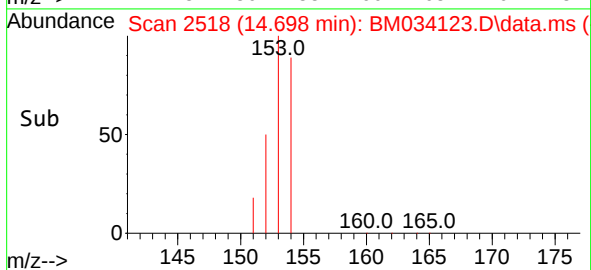
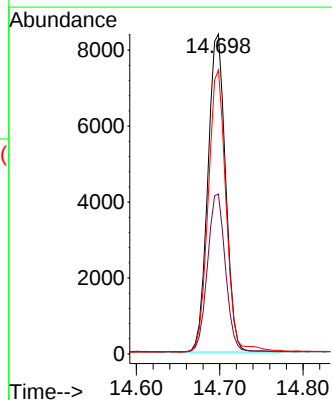
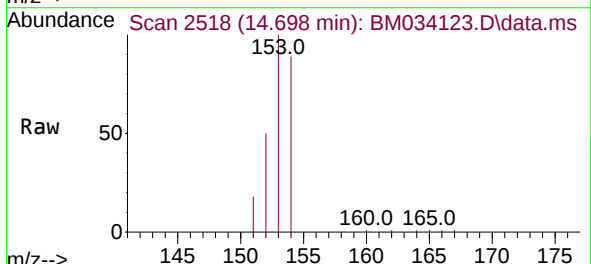
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

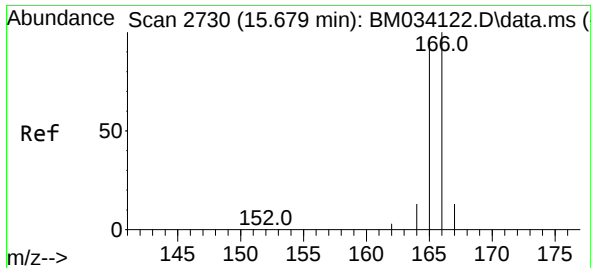
Tgt Ion:152 Resp: 15410
Ion Ratio Lower Upper
152 100
151 19.4 19.9 29.9#
153 13.5 15.0 22.4#



#11
Acenaphthene
Concen: 0.757 ng/ul
RT: 14.698 min Scan# 2518
Delta R.T. 0.005 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

Tgt Ion:153 Resp: 12392
Ion Ratio Lower Upper
153 100
152 50.0 42.4 63.6
154 88.7 66.2 99.2

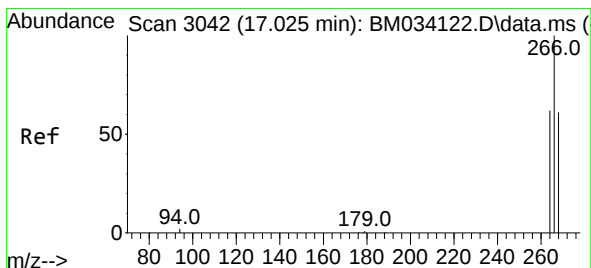
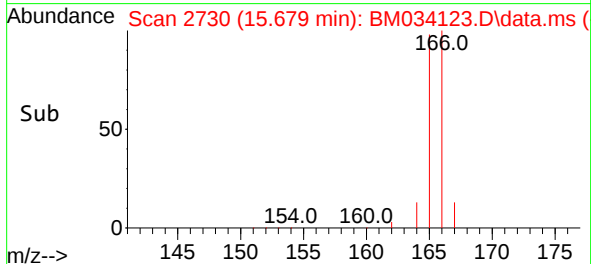
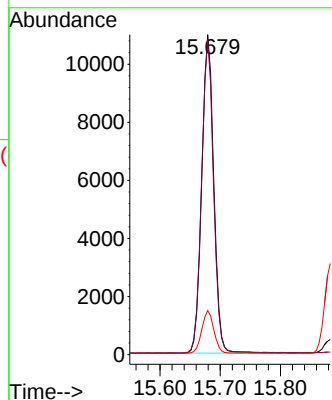
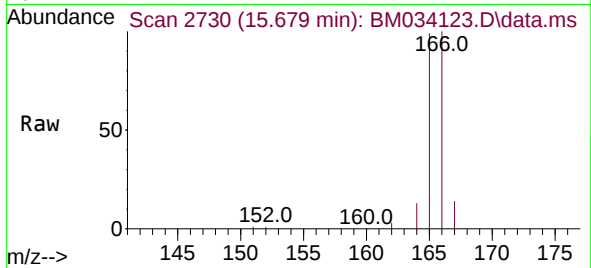




#12
Fluorene
Concen: 0.812 ng/ul
RT: 15.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

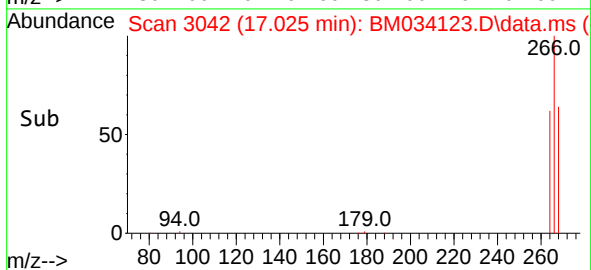
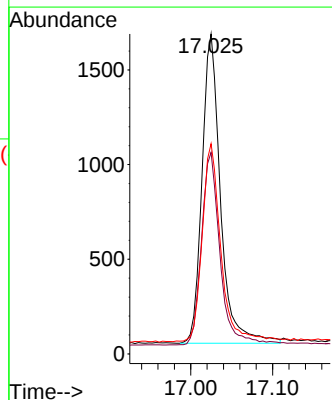
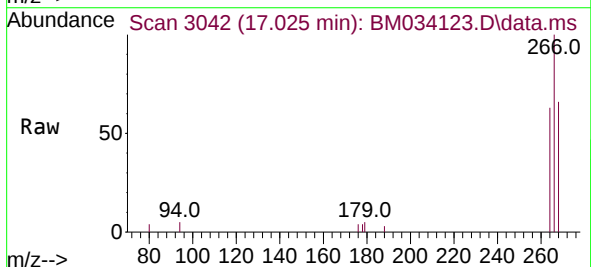
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

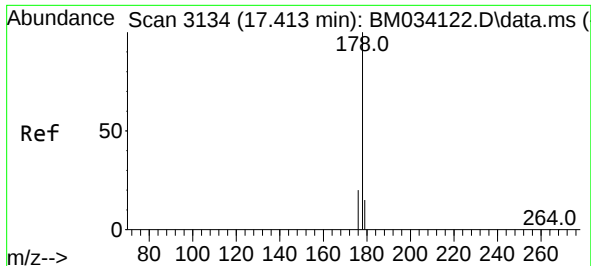
Tgt Ion:166 Resp: 15150
Ion Ratio Lower Upper
166 100
165 98.5 81.1 121.7
167 13.8 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.550 ng/ul
RT: 17.025 min Scan# 3042
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

Tgt Ion:266 Resp: 2565
Ion Ratio Lower Upper
266 100
264 62.3 51.4 77.0
268 63.6 53.1 79.7

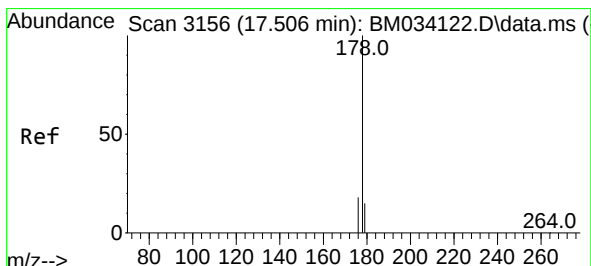
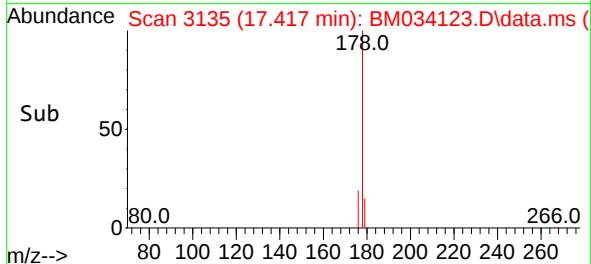
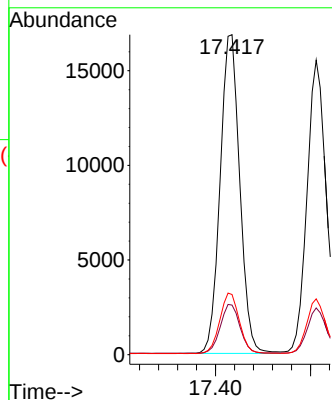
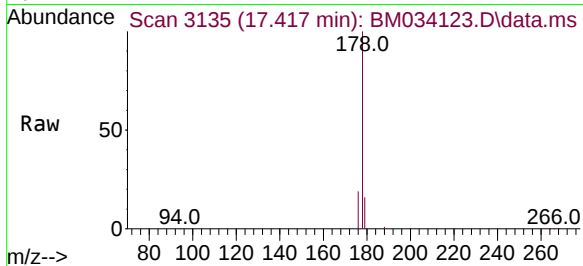




#15
Phenanthrene
Concen: 0.748 ng/ul
RT: 17.417 min Scan# 3134
Delta R.T. 0.004 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

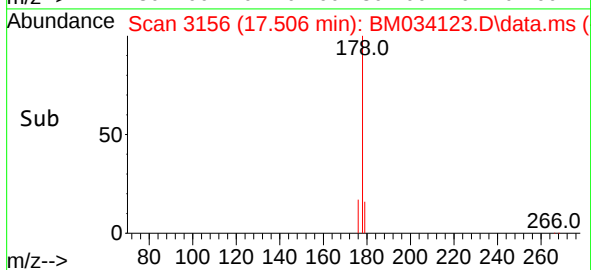
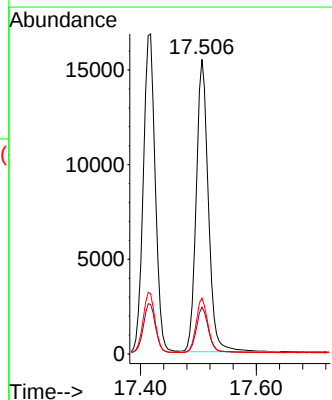
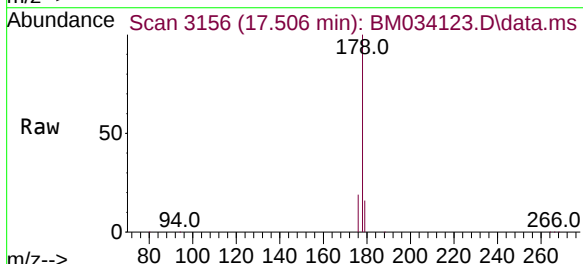
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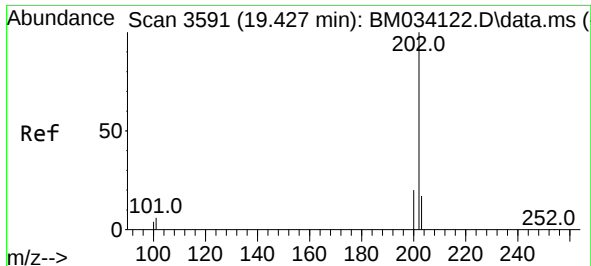
Tgt Ion:178 Resp: 24198
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 18.8 17.9 26.9



#16
Anthracene
Concen: 0.740 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

Tgt Ion:178 Resp: 22425
Ion Ratio Lower Upper
178 100
179 15.9 16.5 24.7#
176 18.9 18.3 27.5

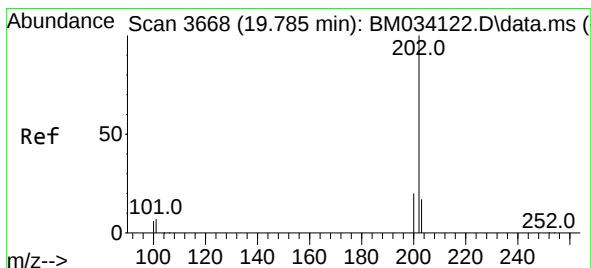
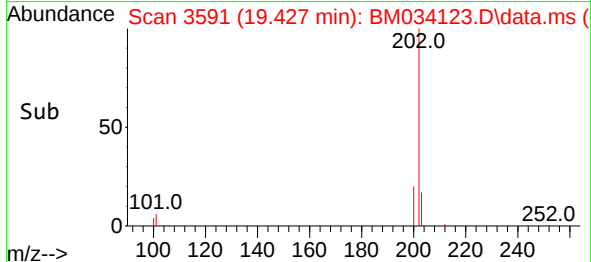
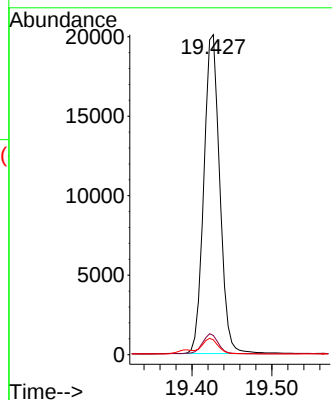
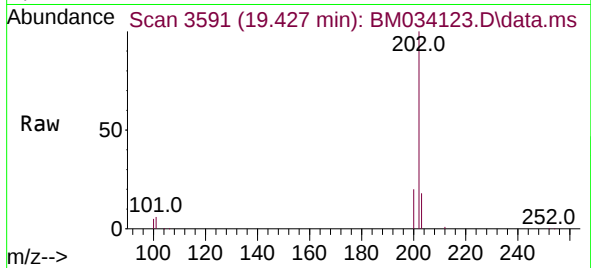




#19
Fluoranthene
Concen: 0.727 ng/ul
RT: 19.427 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

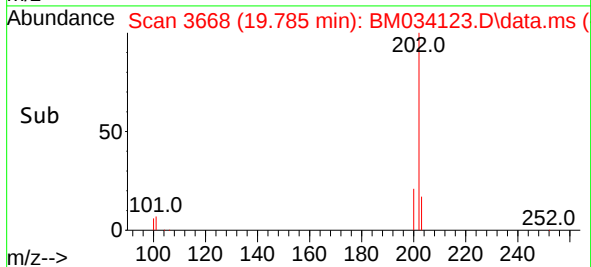
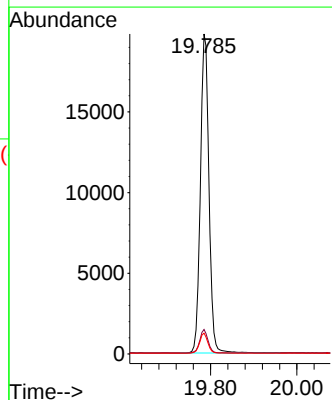
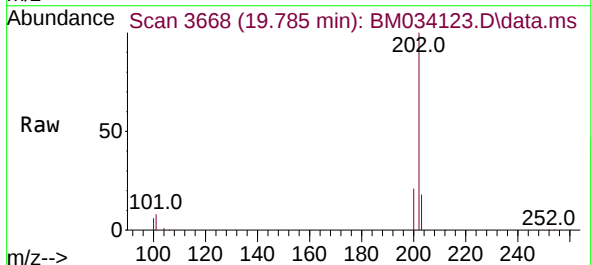
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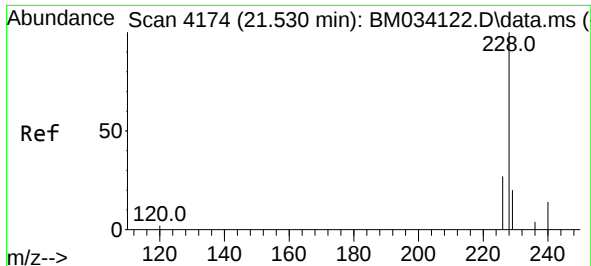
Tgt Ion:202 Resp: 27765
Ion Ratio Lower Upper
202 100
101 6.0 9.2 13.8#
100 4.7 7.2 10.8#



#20
Pyrene
Concen: 0.697 ng/ul
RT: 19.785 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

Tgt Ion:202 Resp: 27253
Ion Ratio Lower Upper
202 100
101 7.7 9.3 13.9#
100 6.5 7.8 11.6#

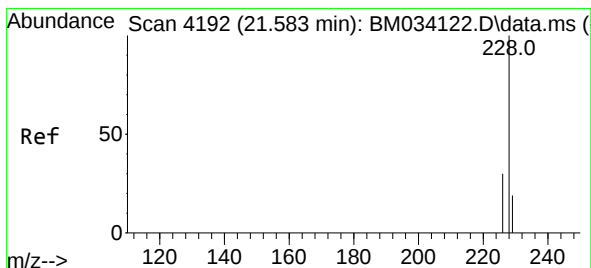
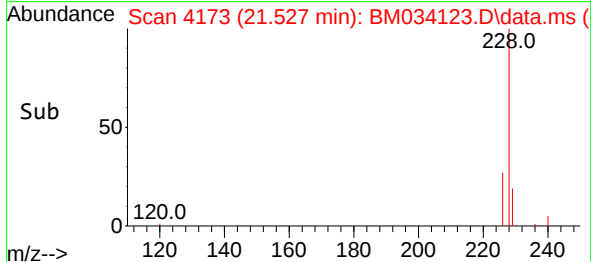
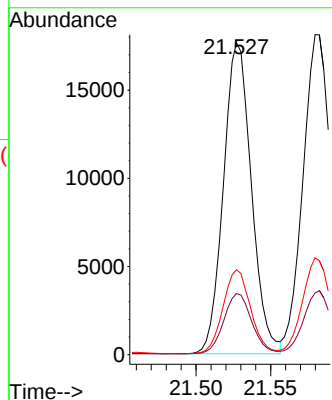
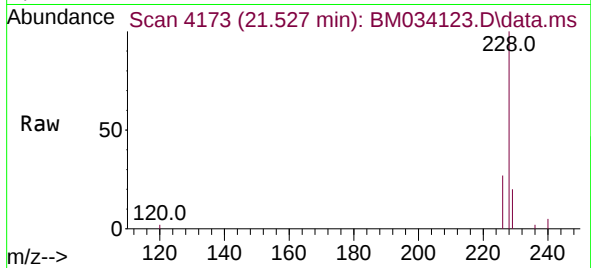




#21
Benzo(a)anthracene
Concen: 0.672 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

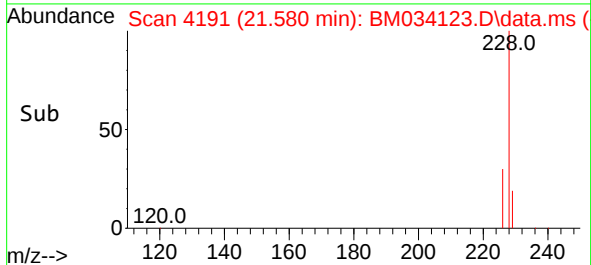
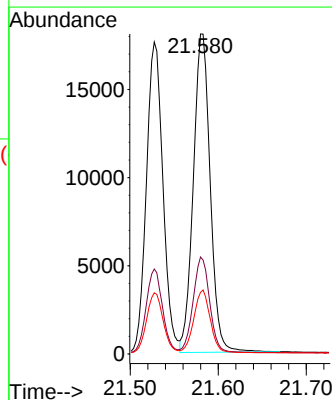
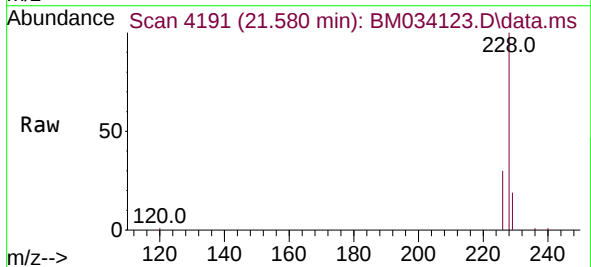
Instrument :
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SSTD0.8004

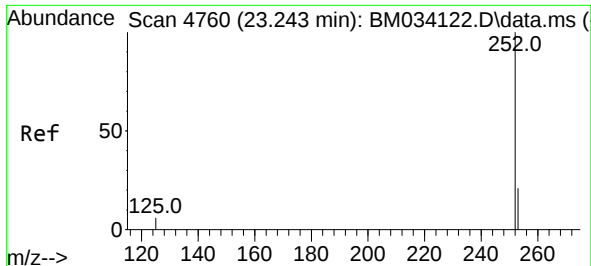
Tgt Ion:228 Resp: 23012
Ion Ratio Lower Upper
228 100
229 19.6 17.3 25.9
226 27.2 23.2 34.8



#22
Chrysene
Concen: 0.665 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

Tgt Ion:228 Resp: 24135
Ion Ratio Lower Upper
228 100
226 30.3 25.8 38.8
229 19.3 16.7 25.1

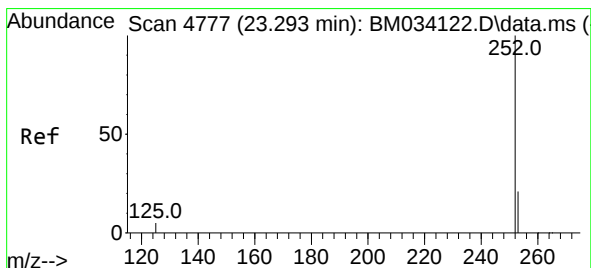
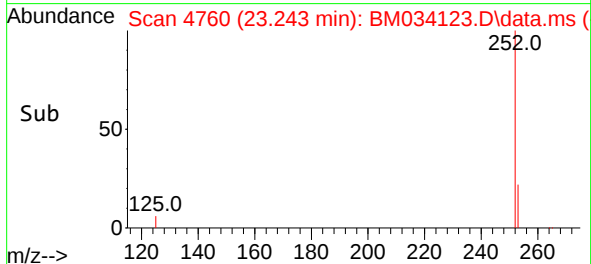
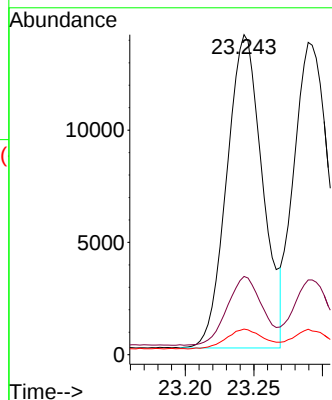
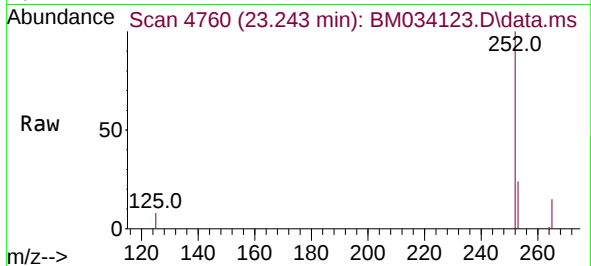




#24
Benzo(b)fluoranthene
Concen: 0.717 ng/ul
RT: 23.243 min Scan# 4760
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

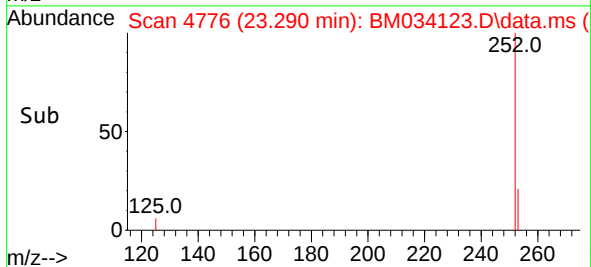
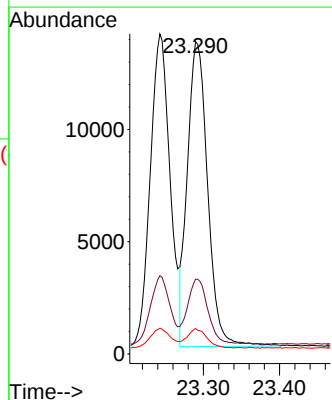
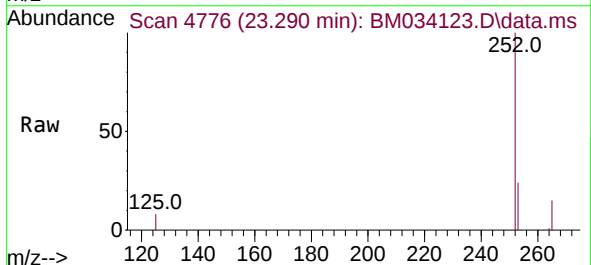
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

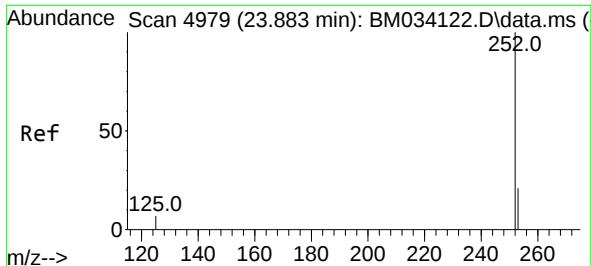
Tgt Ion:252 Resp: 25281
Ion Ratio Lower Upper
252 100
253 24.4 0.0 64.2
125 8.0 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.710 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. -0.003 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

Tgt Ion:252 Resp: 25065
Ion Ratio Lower Upper
252 100
253 24.0 26.8 40.2#
125 8.1 12.0 18.0#

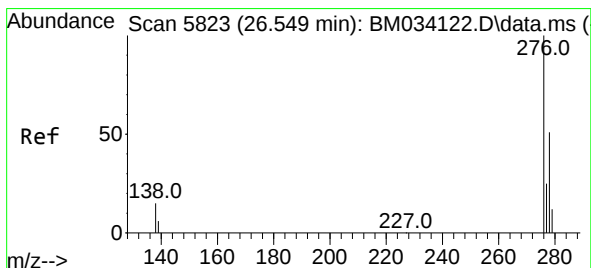
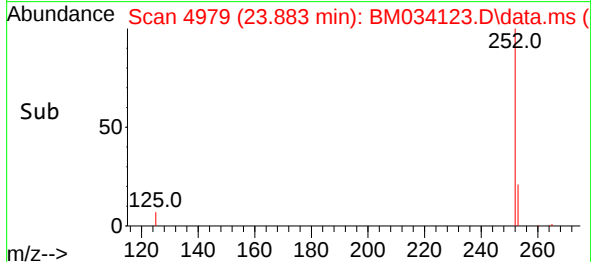
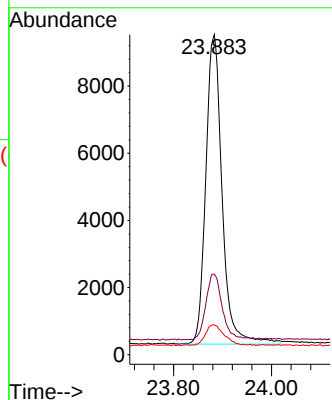
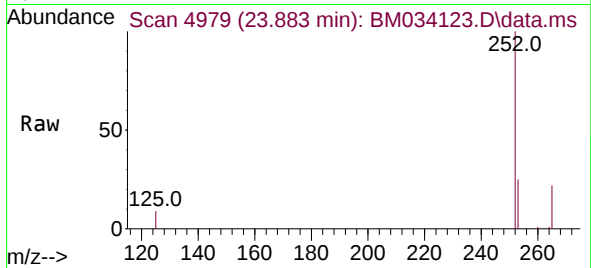




#26
Benzo(a)pyrene
Concen: 0.697 ng/ul
RT: 23.883 min Scan# 4979
Delta R.T. 0.000 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

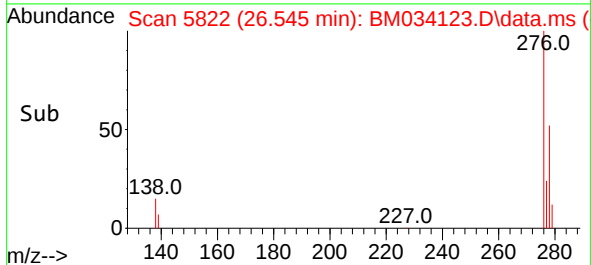
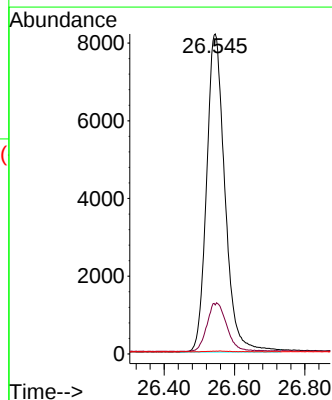
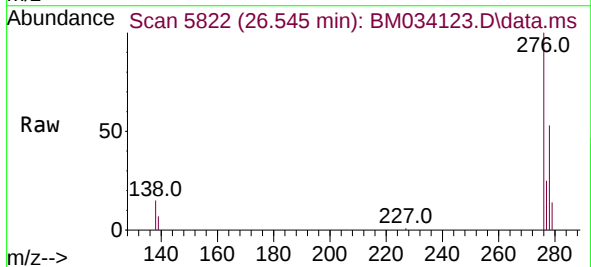
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

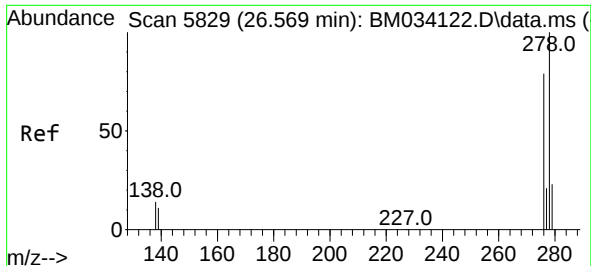
Tgt Ion:252 Resp: 21297
Ion Ratio Lower Upper
252 100
253 25.1 32.0 48.0#
125 9.3 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.729 ng/ul
RT: 26.545 min Scan# 5822
Delta R.T. -0.003 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

Tgt Ion:276 Resp: 29648
Ion Ratio Lower Upper
276 100
138 16.6 15.8 23.6
227 0.1 0.0 0.0#

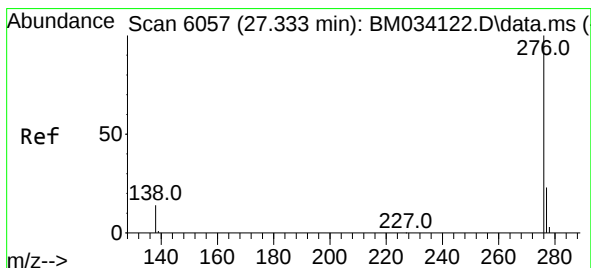
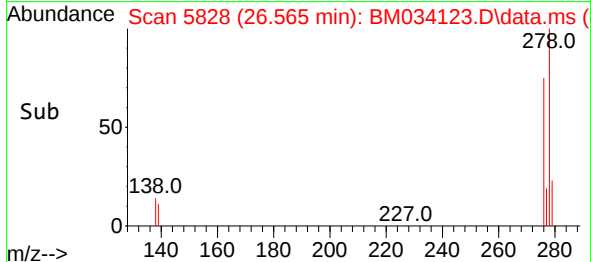
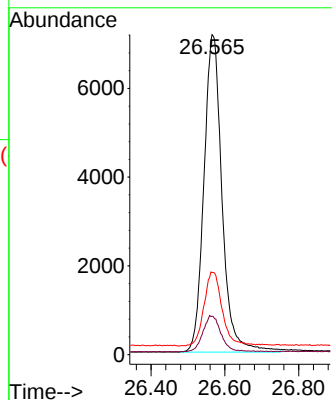
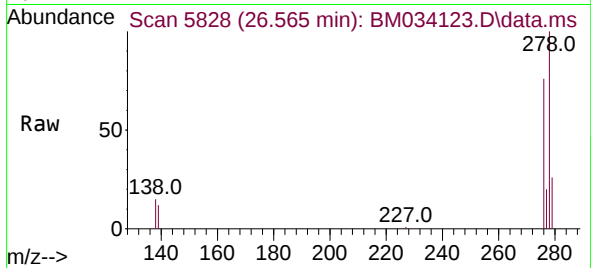




#28
Dibenzo(a,h)anthracene
Concen: 0.760 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:278 Resp: 24367
Ion Ratio Lower Upper
278 100
139 12.0 18.0 27.0#
279 25.7 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.748 ng/ul
RT: 27.327 min Scan# 6055
Delta R.T. -0.007 min
Lab File: BM034123.D
Acq: 03 Mar 2022 13:12

Tgt Ion:276 Resp: 25799
Ion Ratio Lower Upper
276 100
138 14.7 17.4 26.0#
277 25.4 22.6 33.8

