

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030322\
 Data File : BM034125.D
 Acq On : 03 Mar 2022 14:25
 Operator : CG/JU
 Sample : SST03.255
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST03.2006

Quant Time: Mar 03 14:54:28 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

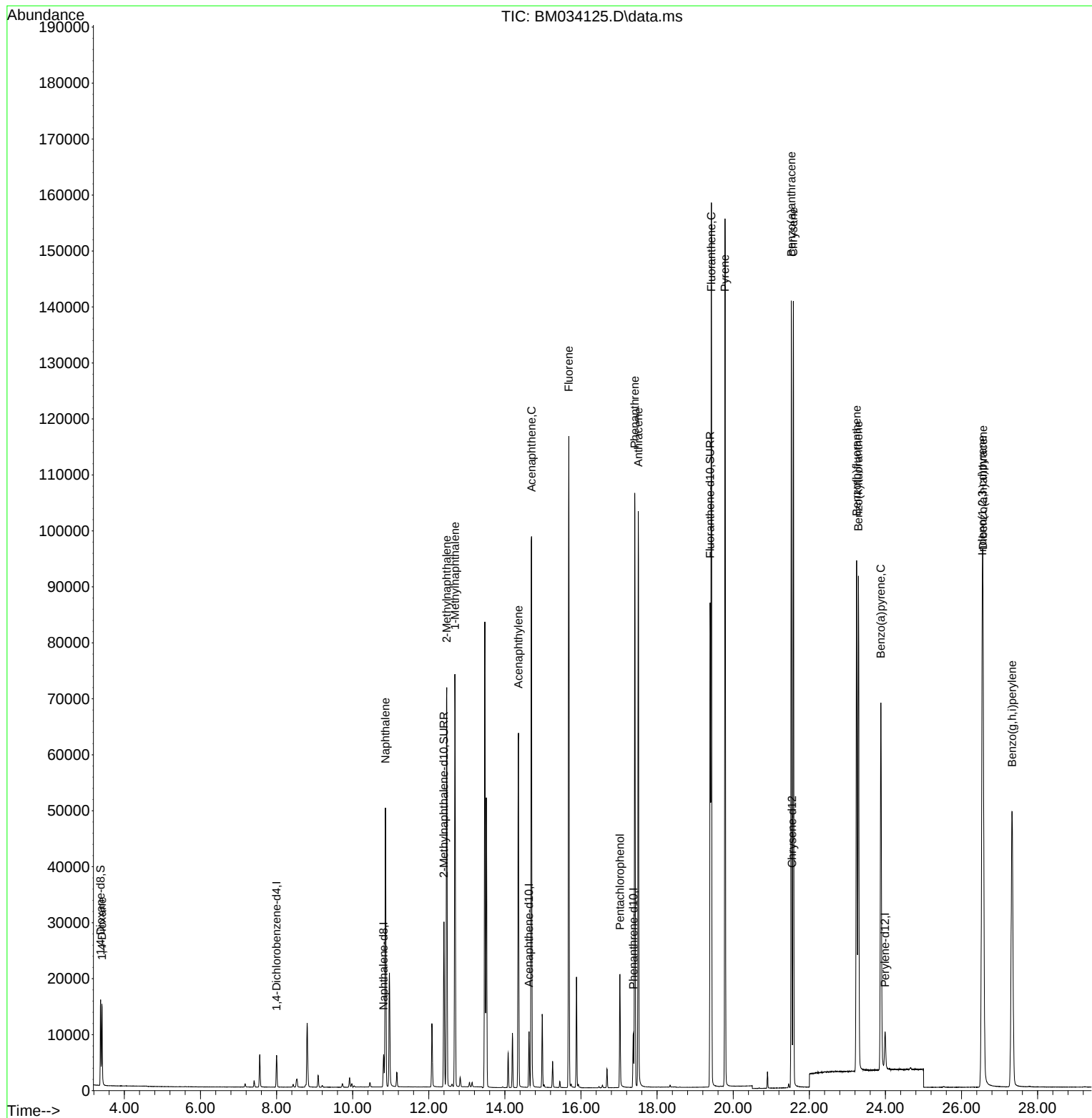
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	2865	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	8032	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.634	164	5386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	12001	0.400	ng/ul #	0.00
17) Chrysene-d12	21.545	240	11186	0.400	ng/ul #	0.00
23) Perylene-d12	23.991	264	9849	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	9932	3.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	38409	3.470	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	99297	2.882	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	9858	3.145	ng/ul#	75
5) Naphthalene	10.862	128	66267	3.002	ng/ul#	87
7) 2-Methylnaphthalene	12.473	142	49128	3.425	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	48269	3.431	ng/ul	98
10) Acenaphthylene	14.356	152	71893	2.987	ng/ul#	88
11) Acenaphthene	14.698	153	56223	2.917	ng/ul	94
12) Fluorene	15.679	166	70514	3.208	ng/ul#	95
14) Pentachlorophenol	17.025	266	13435	2.436	ng/ul	98
15) Phenanthrene	17.413	178	111911	2.927	ng/ul	92
16) Anthracene	17.506	178	108302	3.026	ng/ul#	90
19) Fluoranthene	19.427	202	137322	2.693	ng/ul#	86
20) Pyrene	19.785	202	135661	2.597	ng/ul#	90
21) Benzo(a)anthracene	21.527	228	120654	2.639	ng/ul	95
22) Chrysene	21.580	228	120291	2.482	ng/ul	96
24) Benzo(b)fluoranthene	23.243	252	121820	2.754	ng/ul	82
25) Benzo(k)fluoranthene	23.290	252	125327	2.828	ng/ul#	80
26) Benzo(a)pyrene	23.880	252	104970	2.736	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.545	276	140429	2.752	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.565	278	115441	2.869	ng/ul#	79
29) Benzo(g,h,i)perylene	27.330	276	119870	2.768	ng/ul#	88

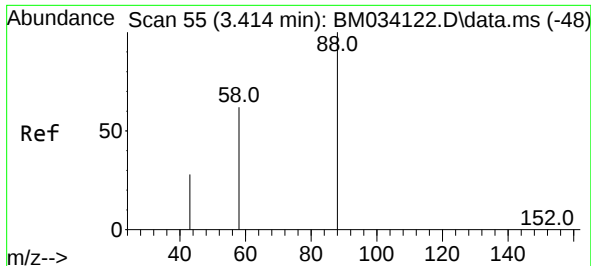
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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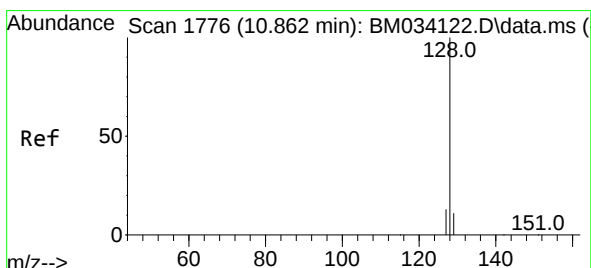
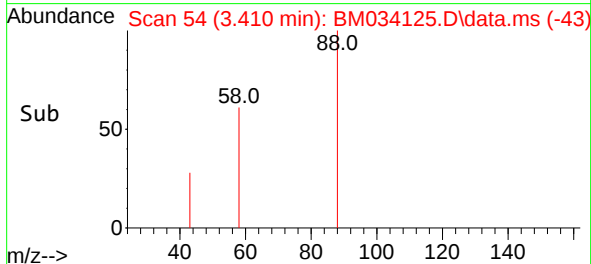
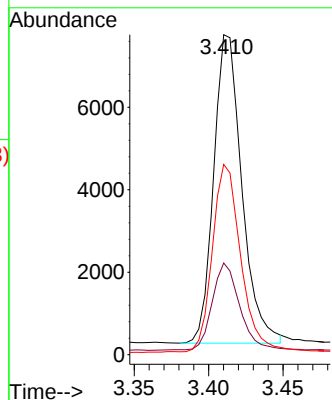
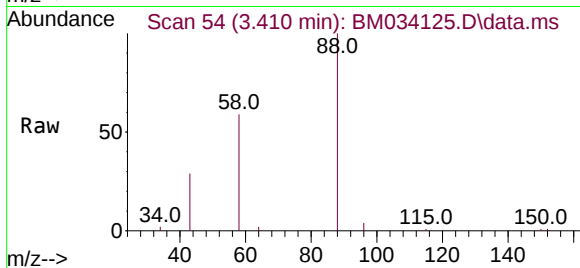




#2
1,4-Dioxane
Concen: 3.145 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.004 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

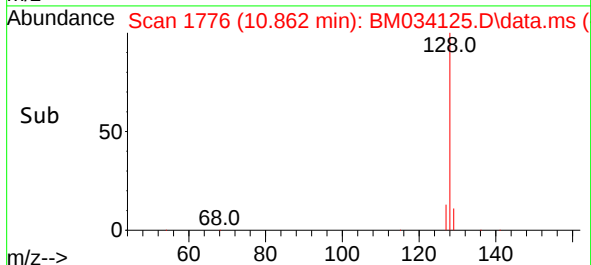
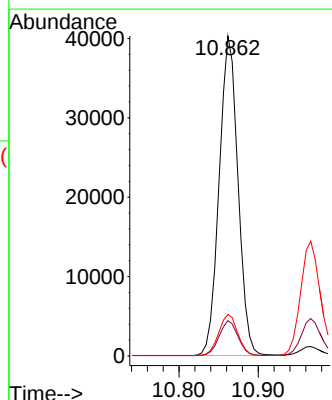
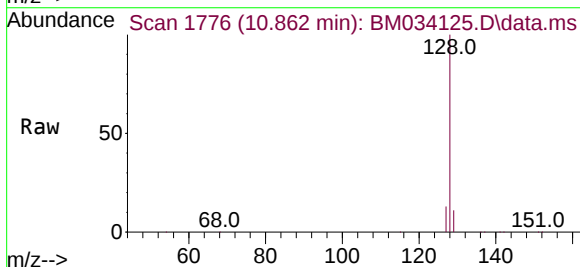
Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

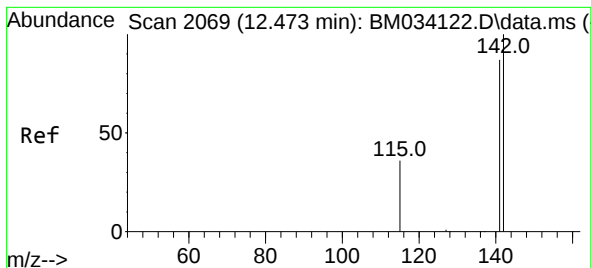
Tgt Ion: 88 Resp: 9858
Ion Ratio Lower Upper
88 100
43 28.6 49.7 74.5#
58 59.4 52.5 78.7



#5
Naphthalene
Concen: 3.002 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

Tgt Ion: 128 Resp: 66267
Ion Ratio Lower Upper
128 100
129 11.0 13.4 20.2#
127 13.0 15.2 22.8#

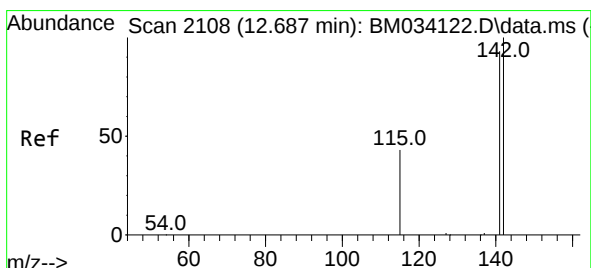
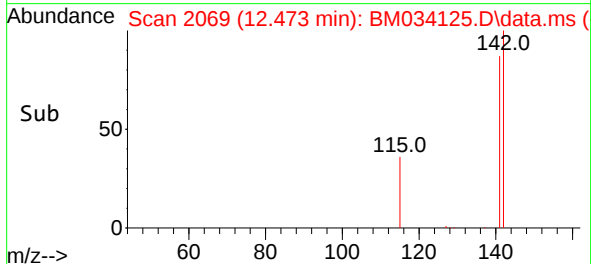
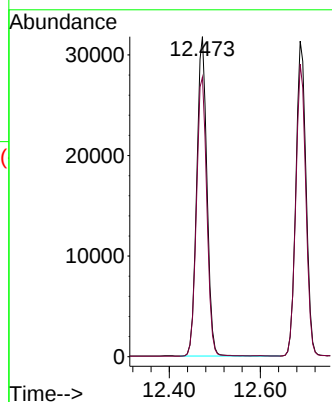
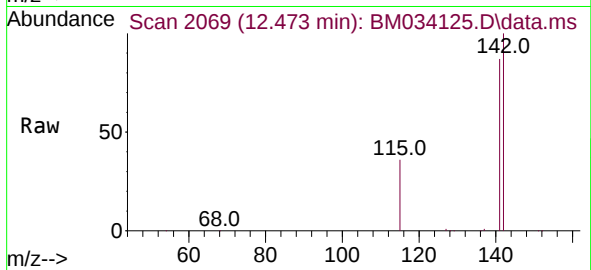




#7
2-Methylnaphthalene
Concen: 3.425 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

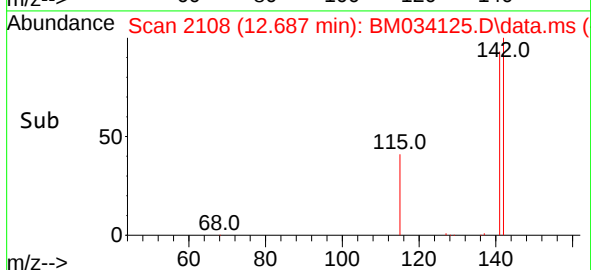
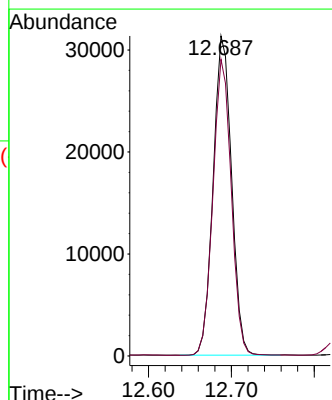
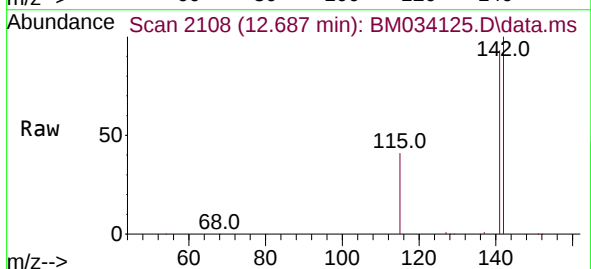
Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

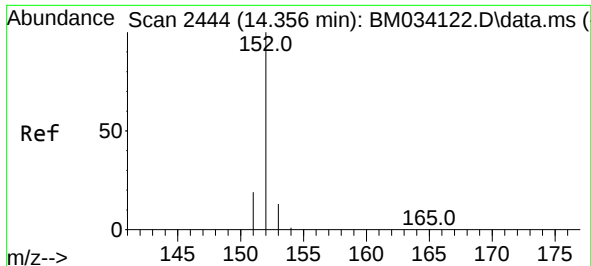
Tgt Ion:142 Resp: 49128
Ion Ratio Lower Upper
142 100
141 88.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 3.431 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

Tgt Ion:142 Resp: 48269
Ion Ratio Lower Upper
142 100
141 92.2 75.0 112.4

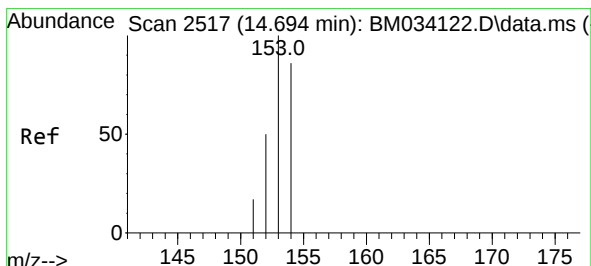
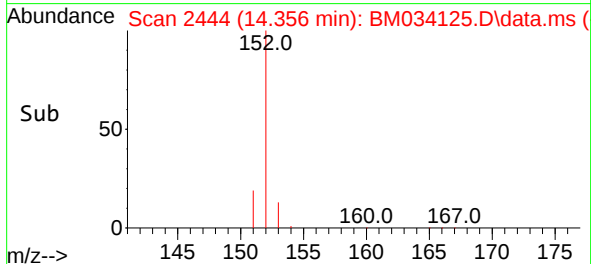
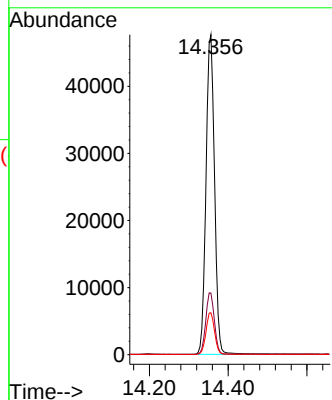
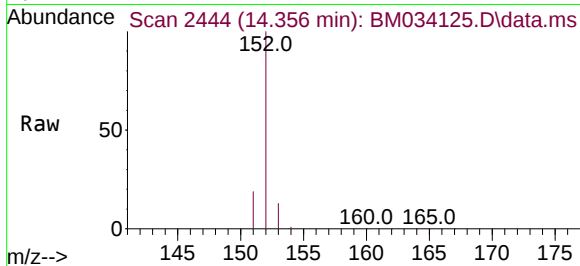




#10
Acenaphthylene
Concen: 2.987 ng/ul
RT: 14.356 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

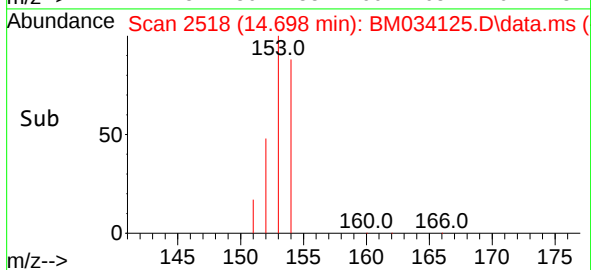
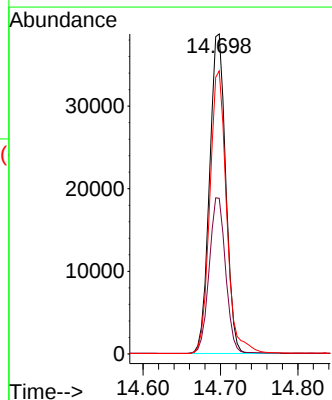
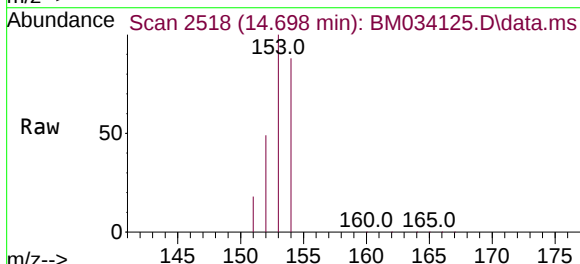
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BNA_M
ClientSampleId :
SSTD3.2006

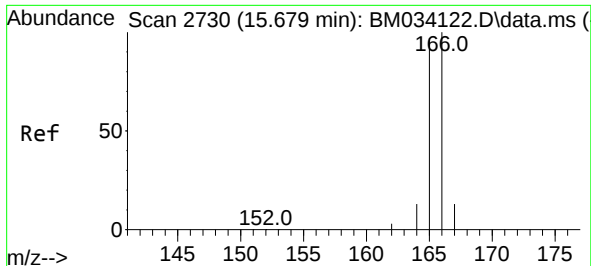
Tgt Ion:152 Resp: 71893
Ion Ratio Lower Upper
152 100
151 19.3 19.9 29.9#
153 13.1 15.0 22.4#



#11
Acenaphthene
Concen: 2.917 ng/ul
RT: 14.698 min Scan# 2518
Delta R.T. 0.005 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

Tgt Ion:153 Resp: 56223
Ion Ratio Lower Upper
153 100
152 48.6 42.4 63.6
154 88.5 66.2 99.2

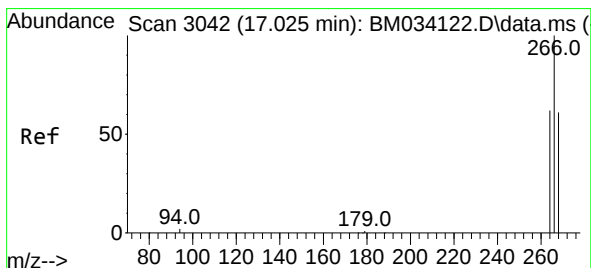
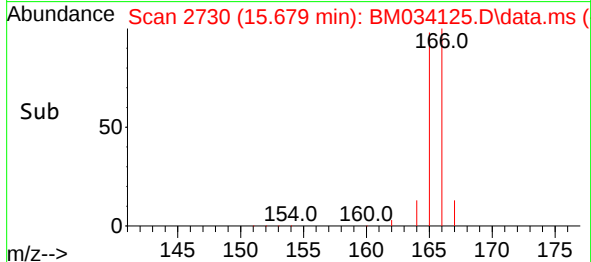
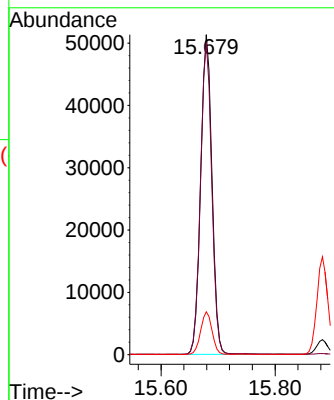
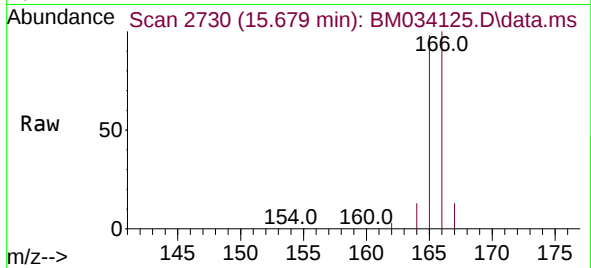




#12
Fluorene
Concen: 3.208 ng/ul
RT: 15.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

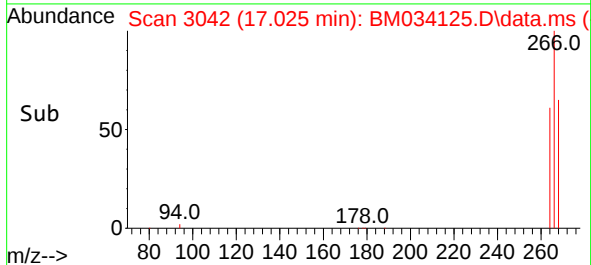
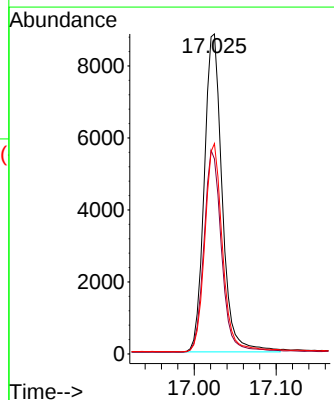
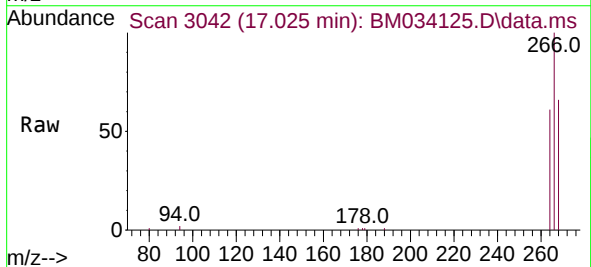
Instrument :
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ClientSampleId :
SSTD3.2006

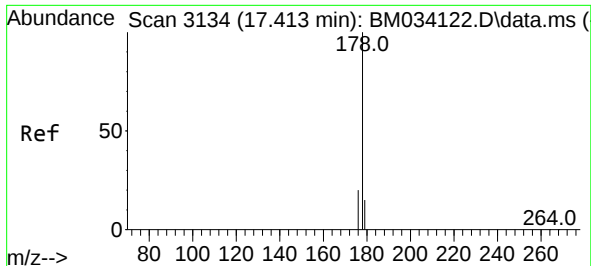
Tgt Ion:166 Resp: 70514
Ion Ratio Lower Upper
166 100
165 97.6 81.1 121.7
167 13.4 14.9 22.3#



#14
Pentachlorophenol
Concen: 2.436 ng/ul
RT: 17.025 min Scan# 3042
Delta R.T. -0.000 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

Tgt Ion:266 Resp: 13435
Ion Ratio Lower Upper
266 100
264 62.8 51.4 77.0
268 64.7 53.1 79.7

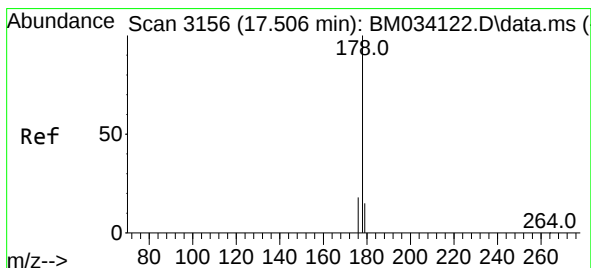
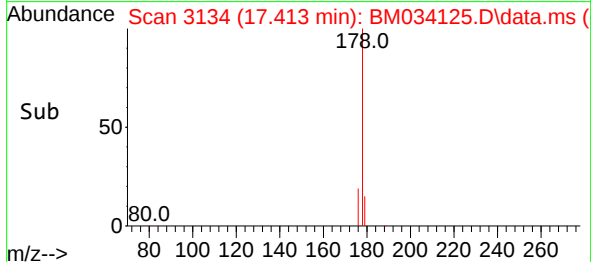
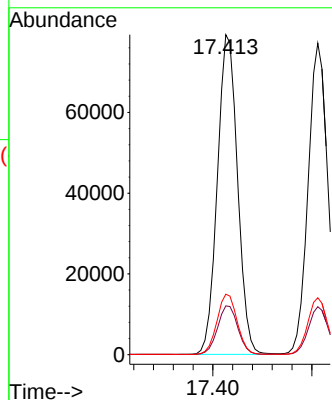
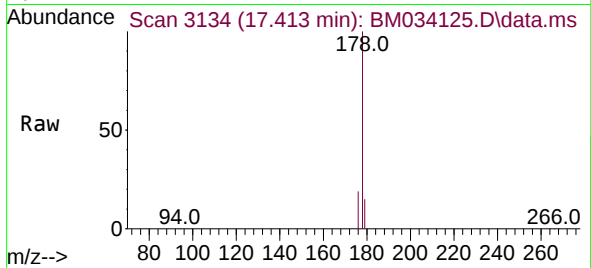




#15
Phenanthrene
Concen: 2.927 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

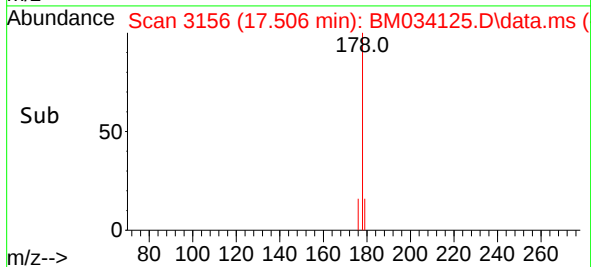
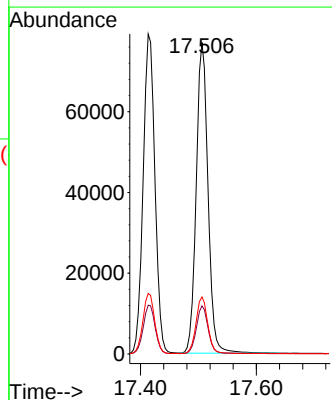
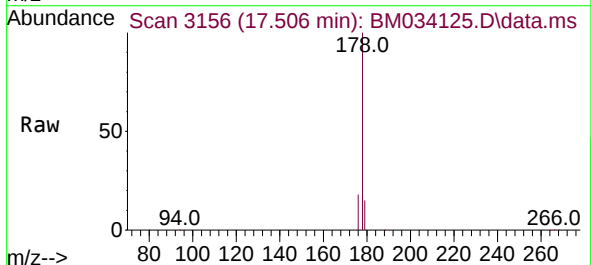
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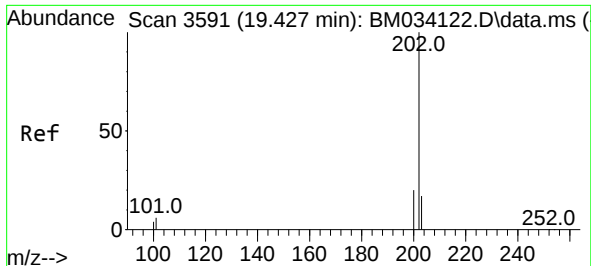
Tgt Ion:178 Resp: 111911
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 18.9 17.9 26.9



#16
Anthracene
Concen: 3.026 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

Tgt Ion:178 Resp: 108302
Ion Ratio Lower Upper
178 100
179 15.4 16.5 24.7#
176 18.3 18.3 27.5#

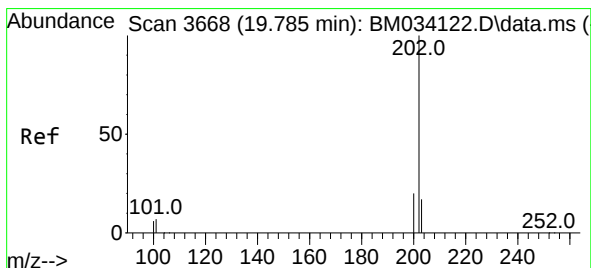
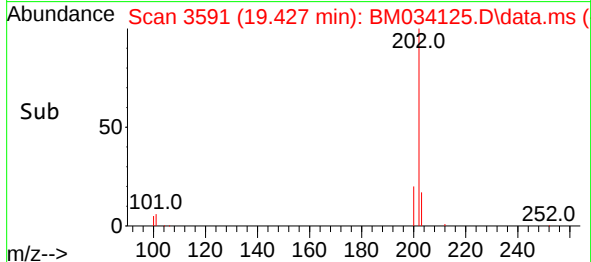
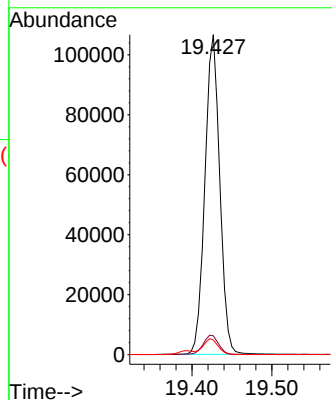
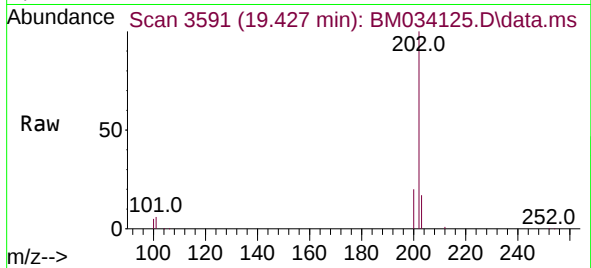




#19
Fluoranthene
Concen: 2.693 ng/u1
RT: 19.427 min Scan# 3591
Delta R.T. -0.000 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

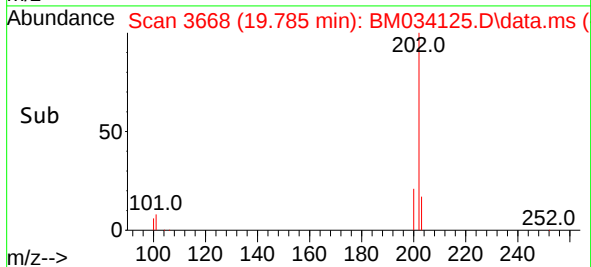
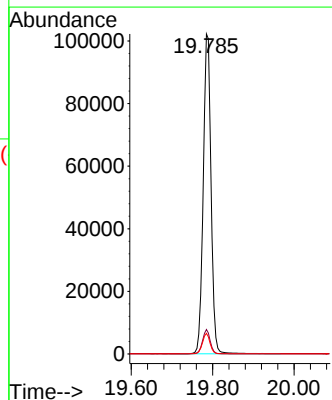
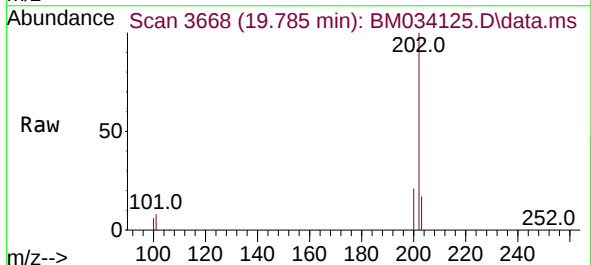
Instrument :
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SSTD3.2006

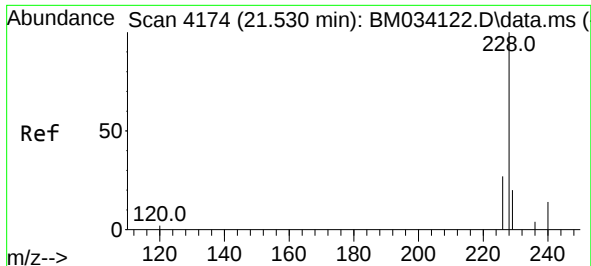
Tgt Ion:202 Resp: 137322
Ion Ratio Lower Upper
202 100
101 5.9 9.2 13.8#
100 4.6 7.2 10.8#



#20
Pyrene
Concen: 2.597 ng/u1
RT: 19.785 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

Tgt Ion:202 Resp: 135661
Ion Ratio Lower Upper
202 100
101 7.7 9.3 13.9#
100 6.4 7.8 11.6#

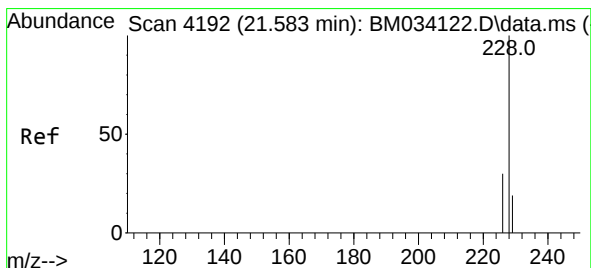
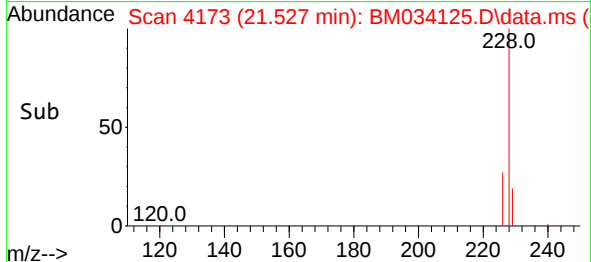
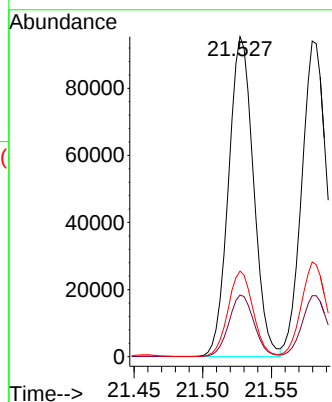
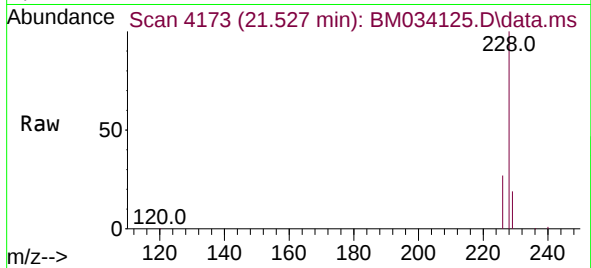




#21
Benzo(a)anthracene
Concen: 2.639 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

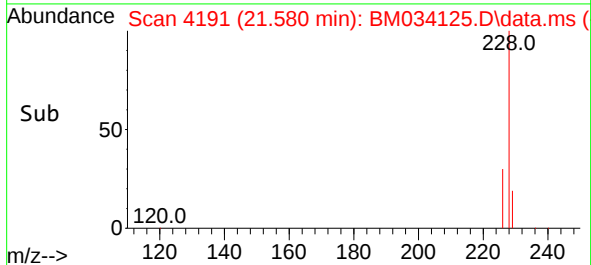
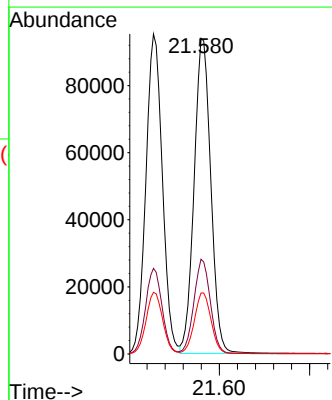
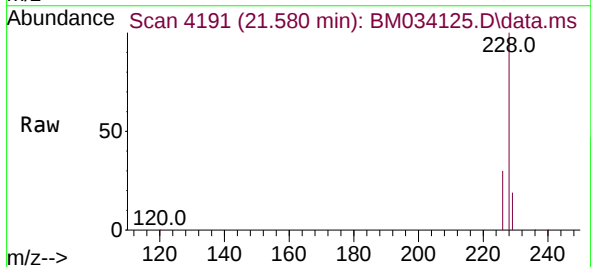
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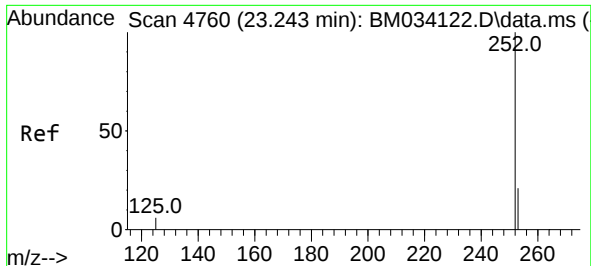
Tgt Ion:228 Resp: 120654
Ion Ratio Lower Upper
228 100
229 19.2 17.3 25.9
226 26.8 23.2 34.8



#22
Chrysene
Concen: 2.482 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

Tgt Ion:228 Resp: 120291
Ion Ratio Lower Upper
228 100
226 30.0 25.8 38.8
229 19.3 16.7 25.1

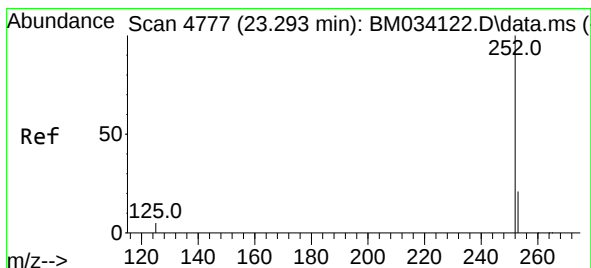
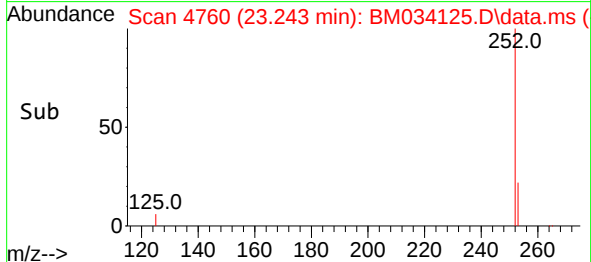
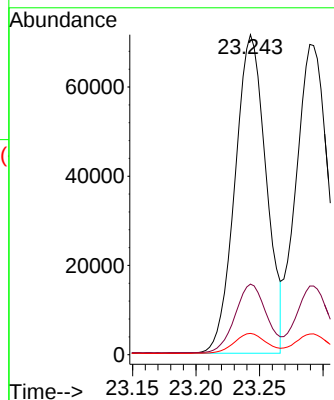
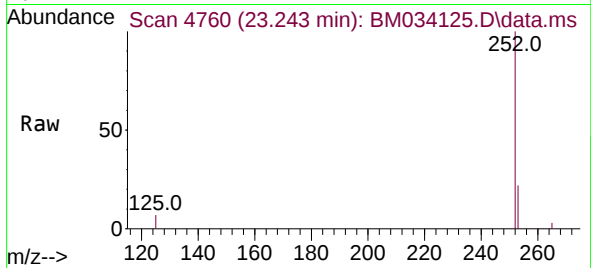




#24
Benzo(b)fluoranthene
Concen: 2.754 ng/ul
RT: 23.243 min Scan# 4760
Delta R.T. -0.000 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

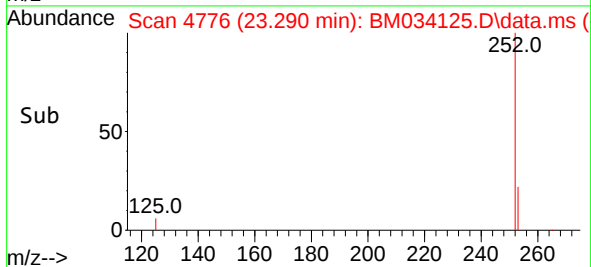
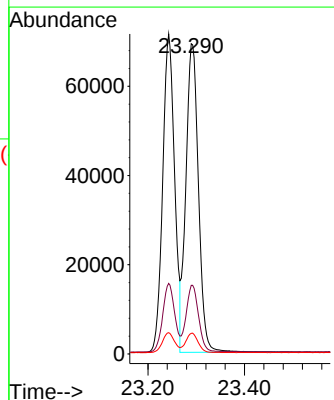
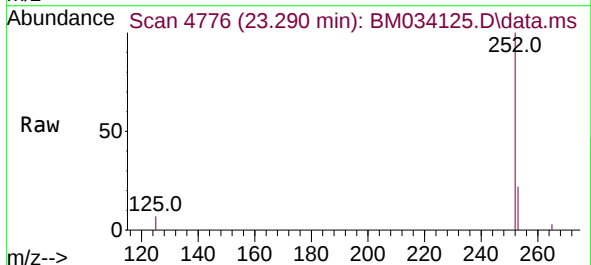
Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

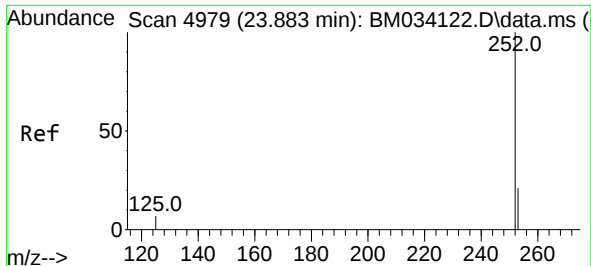
Tgt Ion:252 Resp: 121820
Ion Ratio Lower Upper
252 100
253 22.1 0.0 64.2
125 6.7 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 2.828 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. -0.003 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

Tgt Ion:252 Resp: 125327
Ion Ratio Lower Upper
252 100
253 22.1 26.8 40.2#
125 6.7 12.0 18.0#

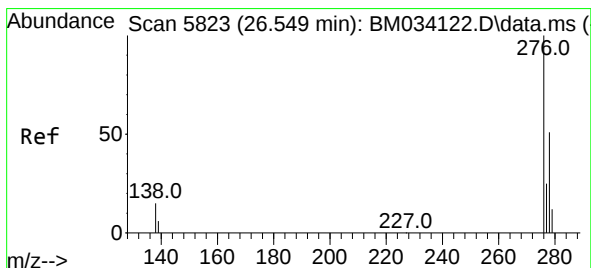
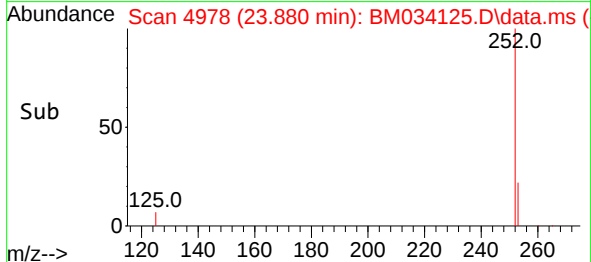
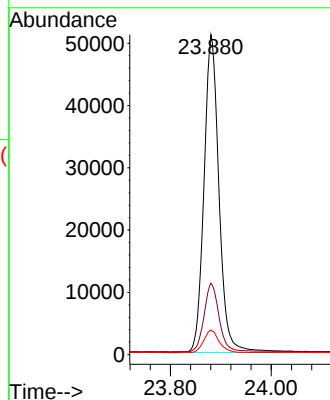
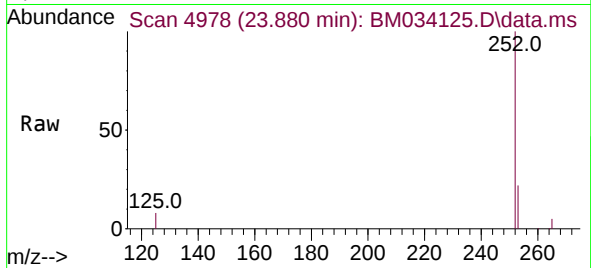




#26
Benzo(a)pyrene
Concen: 2.736 ng/ul
RT: 23.880 min Scan# 4979
Delta R.T. -0.003 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

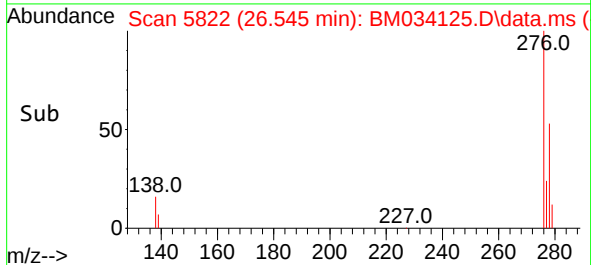
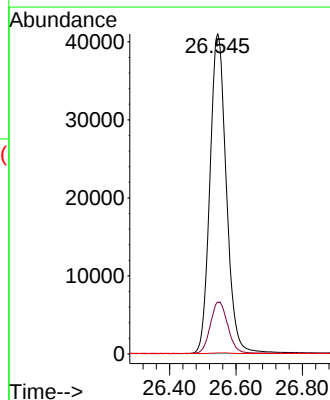
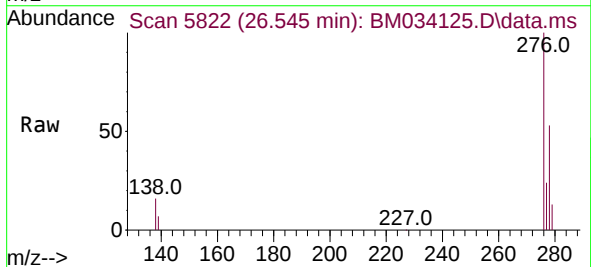
Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

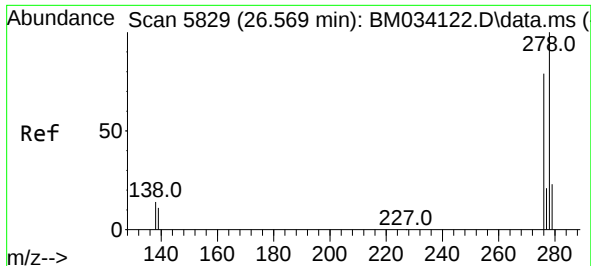
Tgt Ion:252 Resp: 104970
Ion Ratio Lower Upper
252 100
253 22.3 32.0 48.0#
125 7.7 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.752 ng/ul
RT: 26.545 min Scan# 5822
Delta R.T. -0.003 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

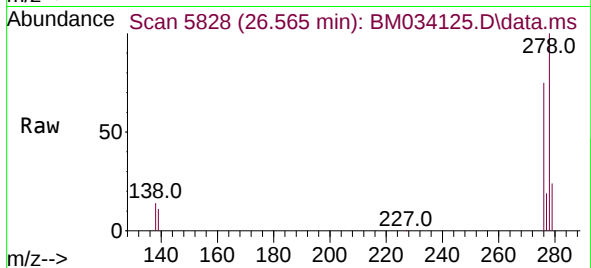
Tgt Ion:276 Resp: 140429
Ion Ratio Lower Upper
276 100
138 17.2 15.8 23.6
227 0.0 0.0 0.0



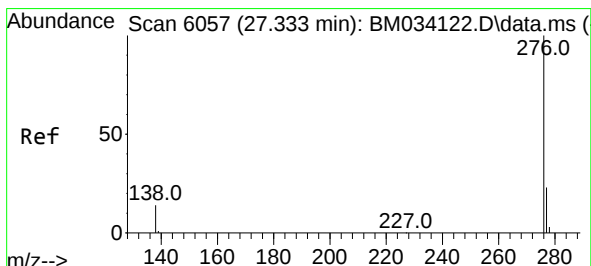
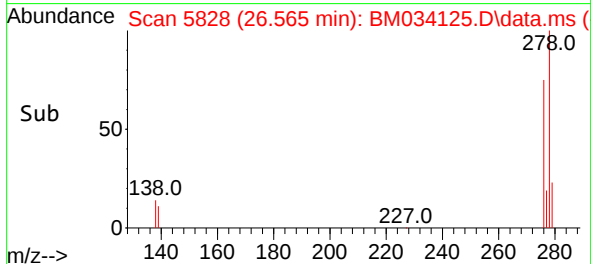
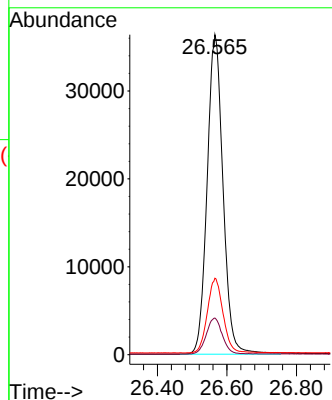


#28
Dibenzo(a,h)anthracene
Concen: 2.869 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006



Tgt Ion:278 Resp: 115441
Ion Ratio Lower Upper
278 100
139 11.5 18.0 27.0#
279 23.9 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 2.768 ng/ul
RT: 27.330 min Scan# 6056
Delta R.T. -0.003 min
Lab File: BM034125.D
Acq: 03 Mar 2022 14:25

Tgt Ion:276 Resp: 119870
Ion Ratio Lower Upper
276 100
138 14.4 17.4 26.0#
277 23.5 22.6 33.8

