

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030322\
 Data File : BM034122.D
 Acq On : 03 Mar 2022 12:35
 Operator : CG/JU
 Sample : SST0.452
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4003

Quant Time: Mar 03 13:53:39 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

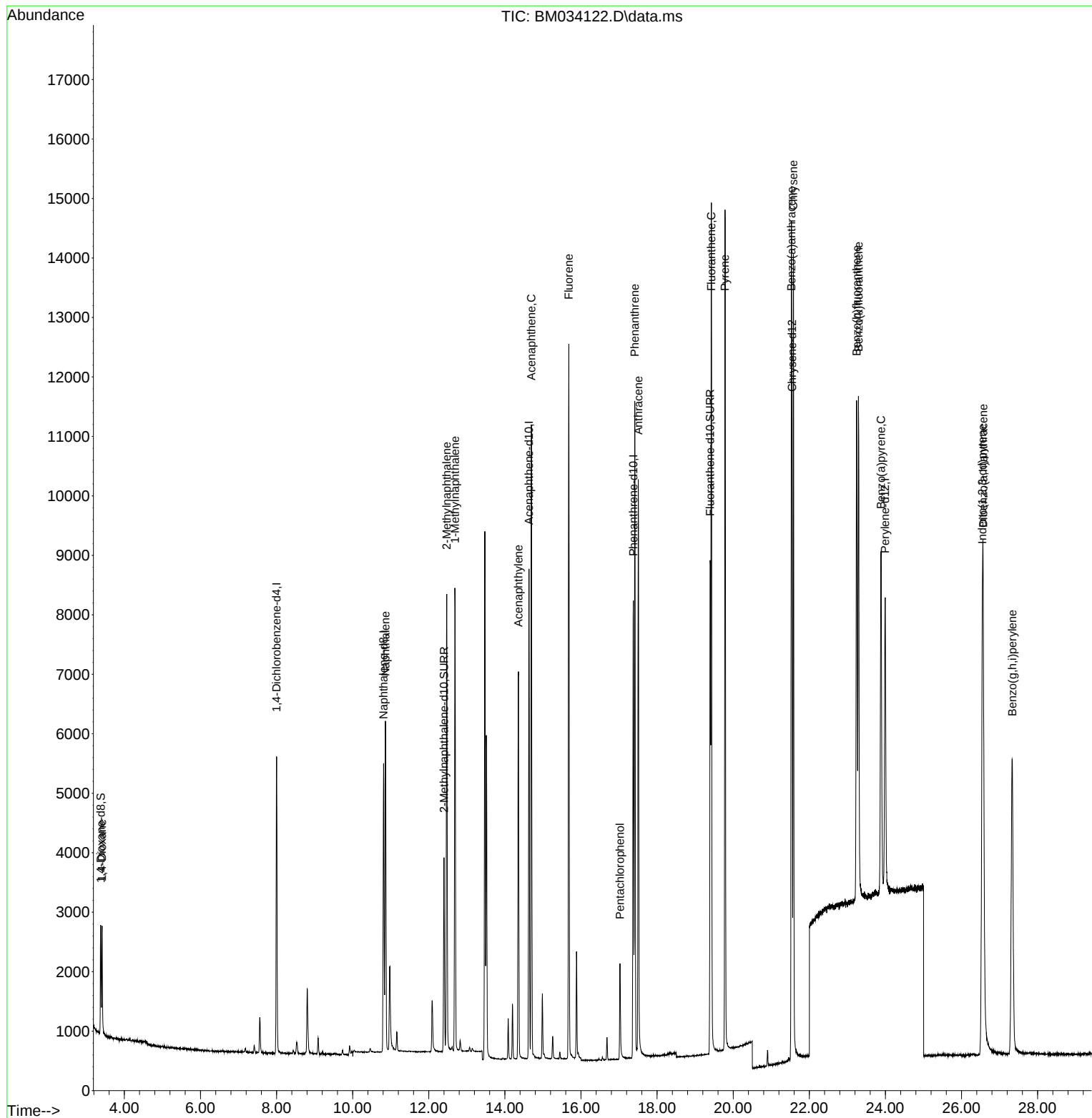
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	2600	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	6866	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.634	164	4500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	9871	0.400	ng/ul #	0.00
17) Chrysene-d12	21.545	240	7936	0.400	ng/ul #	0.00
23) Perylene-d12	23.994	264	7426	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	1306	0.480	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4296	0.454	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	9959	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	1231	0.433	ng/ul#	71
5) Naphthalene	10.862	128	7700	0.408	ng/ul#	89
7) 2-Methylnaphthalene	12.473	142	5446	0.444	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	5411	0.450	ng/ul	97
10) Acenaphthylene	14.356	152	7663	0.381	ng/ul#	90
11) Acenaphthene	14.694	153	6214	0.386	ng/ul	96
12) Fluorene	15.679	166	7536	0.410	ng/ul#	95
14) Pentachlorophenol	17.025	266	1201	0.265	ng/ul	97
15) Phenanthrene	17.413	178	12032	0.383	ng/ul	95
16) Anthracene	17.506	178	10914	0.371	ng/ul#	91
19) Fluoranthene	19.427	202	13412	0.371	ng/ul#	88
20) Pyrene	19.785	202	13347	0.360	ng/ul#	91
21) Benzo(a)anthracene	21.530	228	11127	0.343	ng/ul	97
22) Chrysene	21.583	228	11962	0.348	ng/ul	97
24) Benzo(b)fluoranthene	23.243	252	12180	0.365	ng/ul	90
25) Benzo(k)fluoranthene	23.293	252	12446	0.372	ng/ul#	87
26) Benzo(a)pyrene	23.883	252	10416	0.360	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.549	276	14271	0.371	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.569	278	11608	0.383	ng/ul#	85
29) Benzo(g,h,i)perylene	27.333	276	12797	0.392	ng/ul#	91

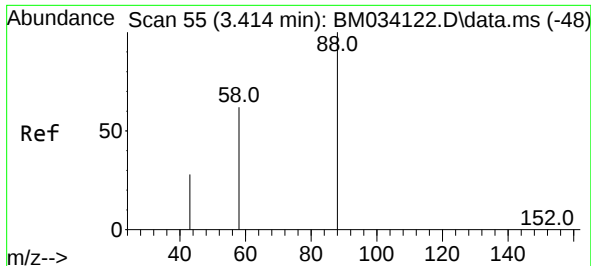
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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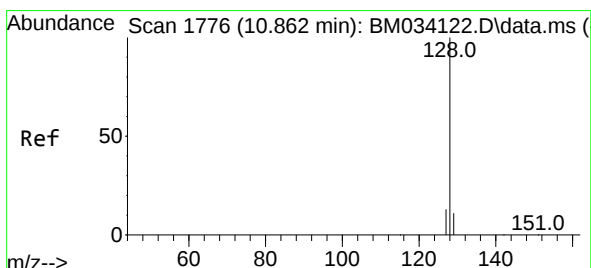
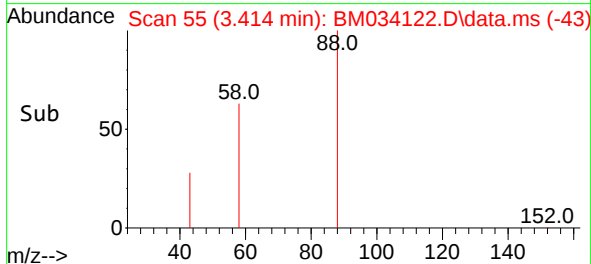
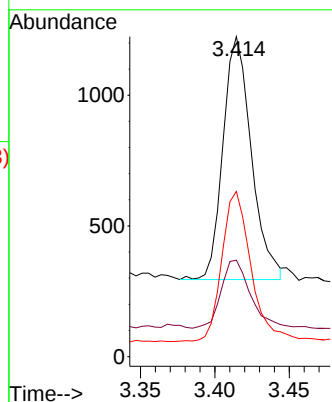
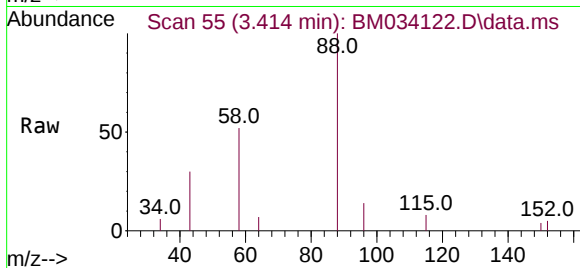




#2
1,4-Dioxane
Concen: 0.433 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

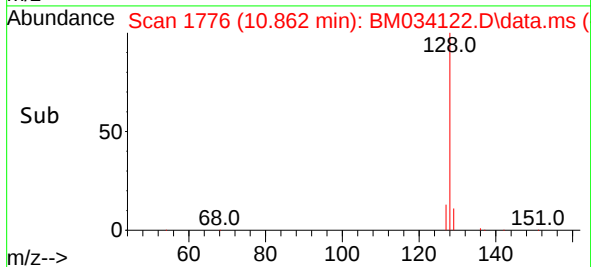
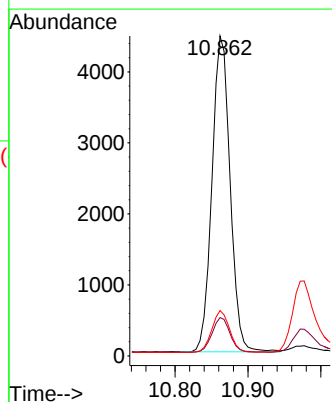
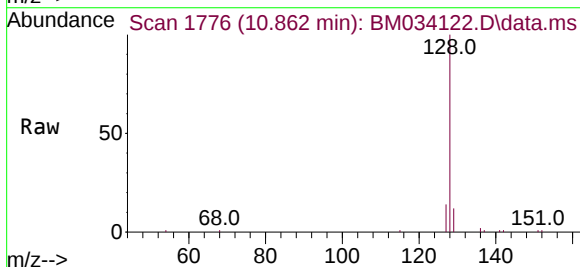
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BNA_M
ClientSampleId :
SSTD0.4003

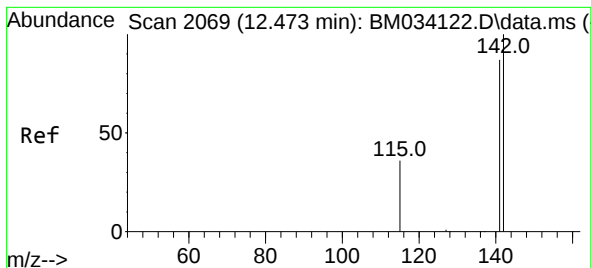
Tgt Ion: 88 Resp: 1231
Ion Ratio Lower Upper
88 100
43 30.1 49.7 74.5#
58 51.6 52.5 78.7#



#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

Tgt Ion: 128 Resp: 7700
Ion Ratio Lower Upper
128 100
129 12.0 13.4 20.2#
127 14.2 15.2 22.8#

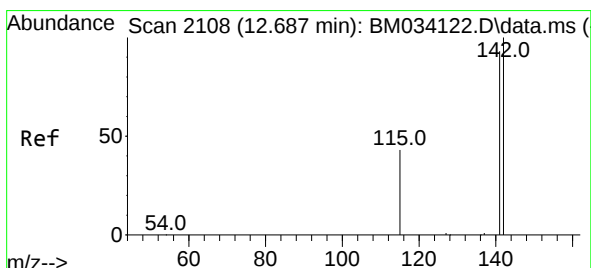
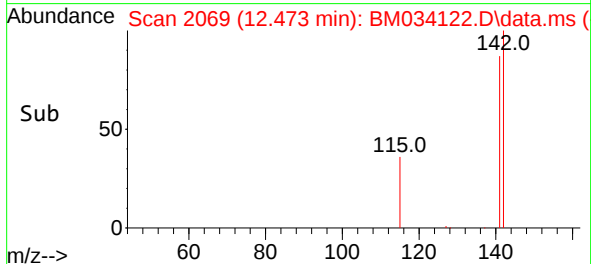
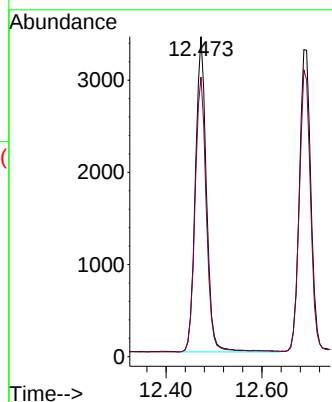
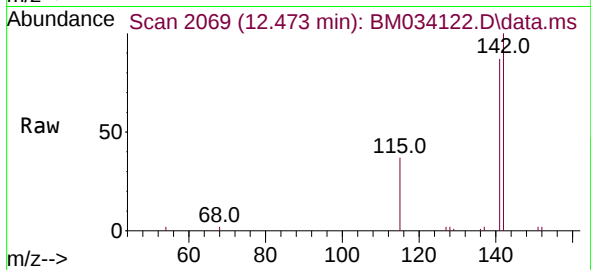




#7
2-Methylnaphthalene
Concen: 0.444 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

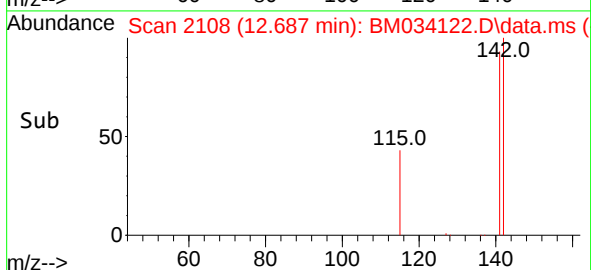
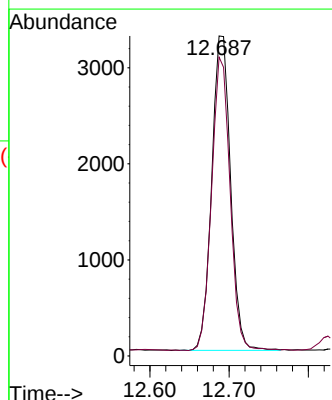
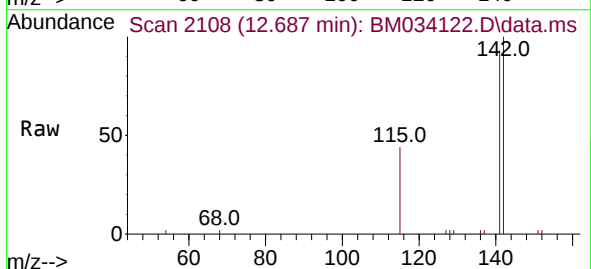
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

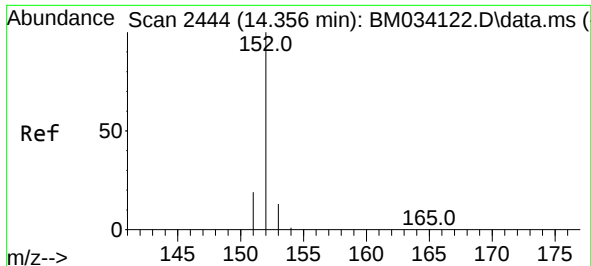
Tgt Ion:142 Resp: 5446
Ion Ratio Lower Upper
142 100
141 89.0 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.450 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

Tgt Ion:142 Resp: 5411
Ion Ratio Lower Upper
142 100
141 91.1 75.0 112.4

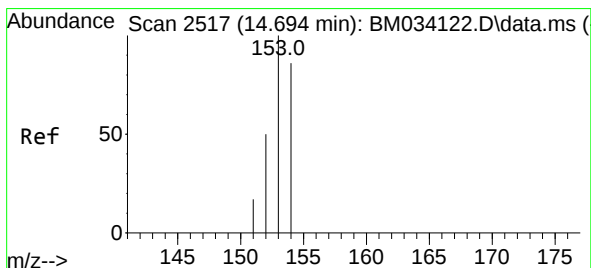
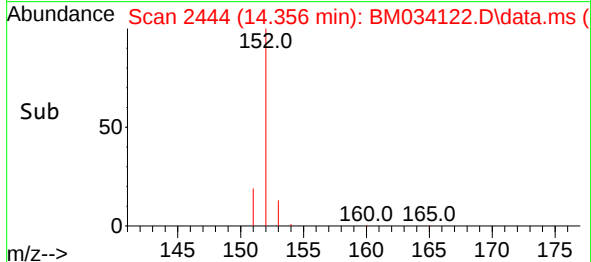
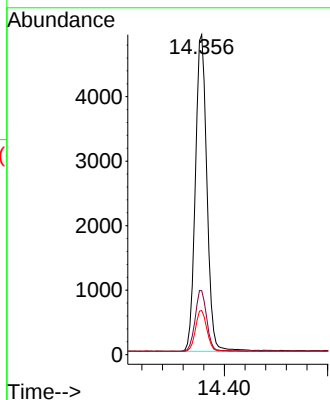
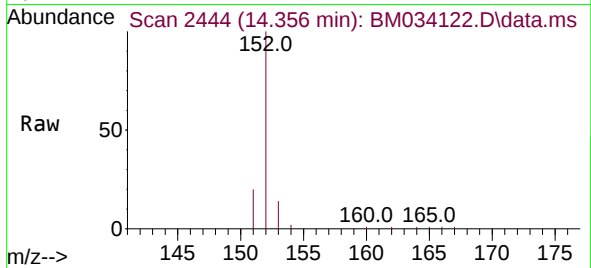




#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 14.356 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

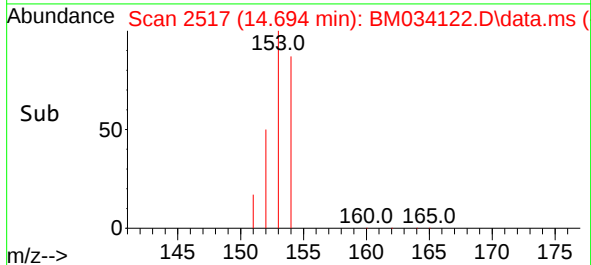
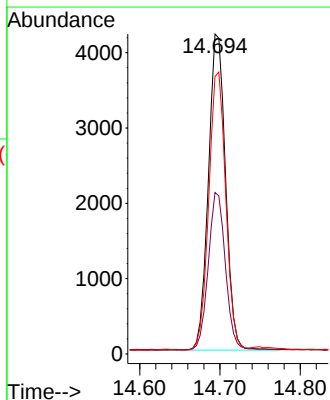
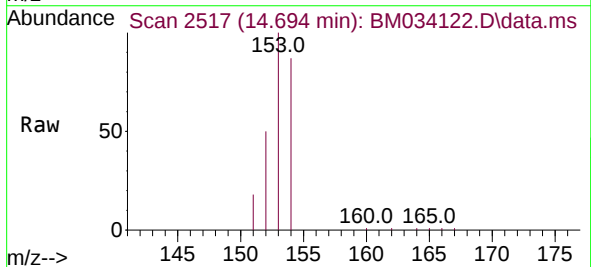
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

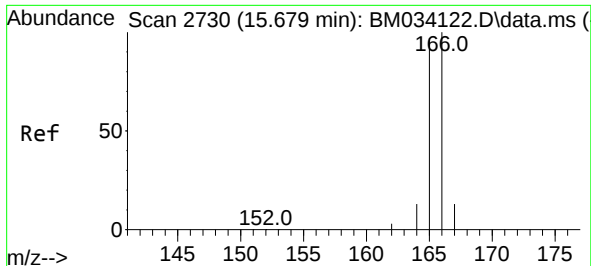
Tgt Ion:152 Resp: 7663
Ion Ratio Lower Upper
152 100
151 20.0 19.9 29.9
153 13.8 15.0 22.4#



#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.694 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

Tgt Ion:153 Resp: 6214
Ion Ratio Lower Upper
153 100
152 50.4 42.4 63.6
154 86.7 66.2 99.2

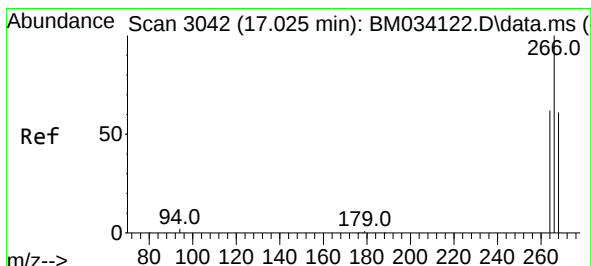
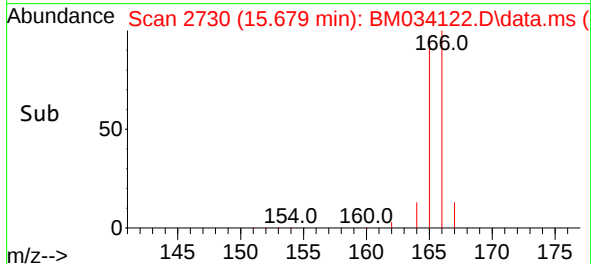
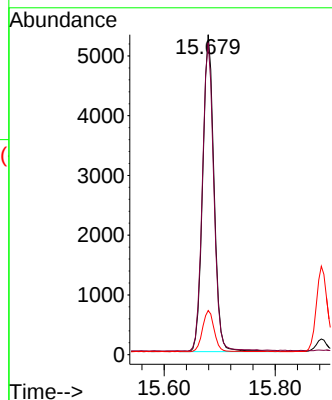
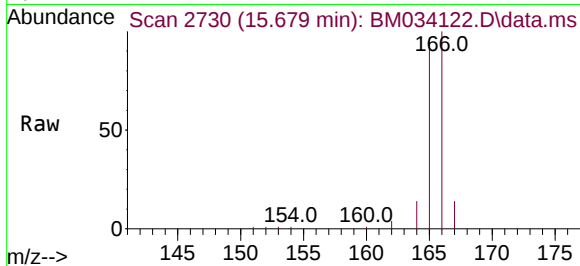




#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

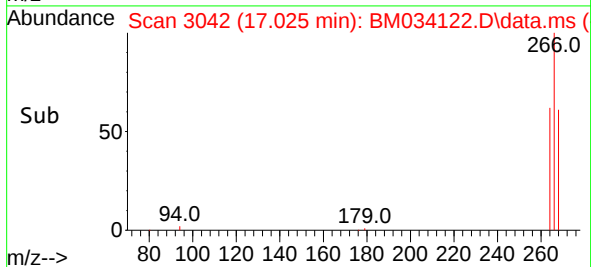
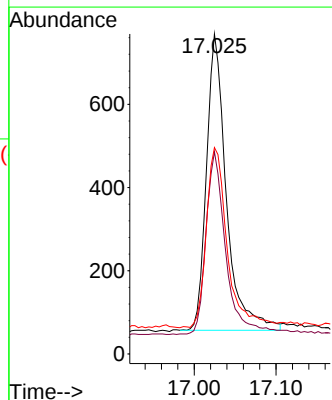
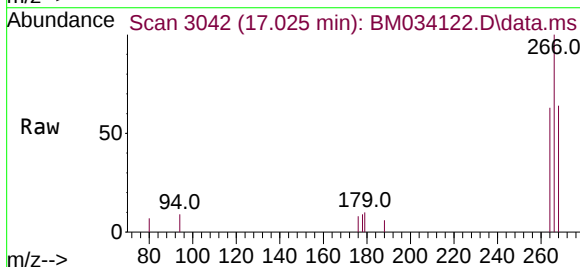
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BNA_M
ClientSampleId :
SSTD0.4003

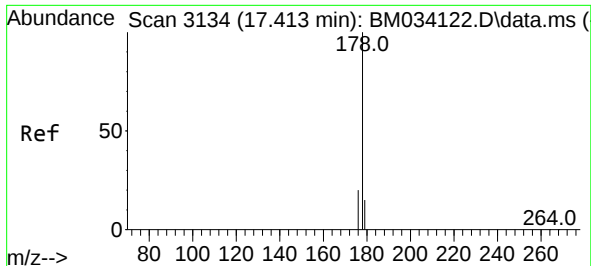
Tgt Ion:166 Resp: 7536
Ion Ratio Lower Upper
166 100
165 97.5 81.1 121.7
167 13.8 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.265 ng/ul
RT: 17.025 min Scan# 3042
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

Tgt Ion:266 Resp: 1201
Ion Ratio Lower Upper
266 100
264 60.8 51.4 77.0
268 64.6 53.1 79.7

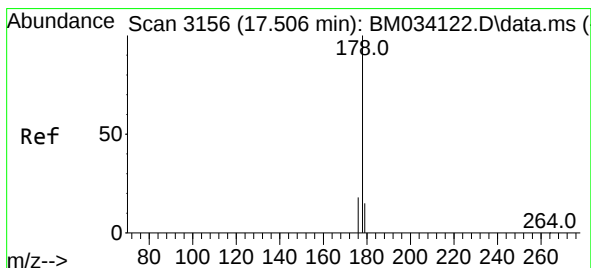
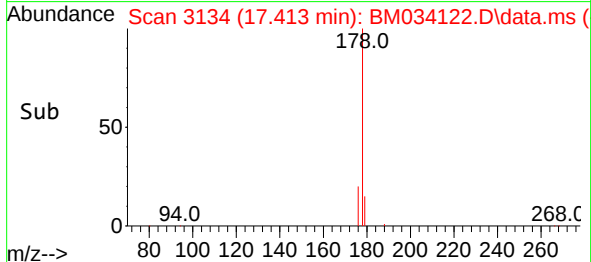
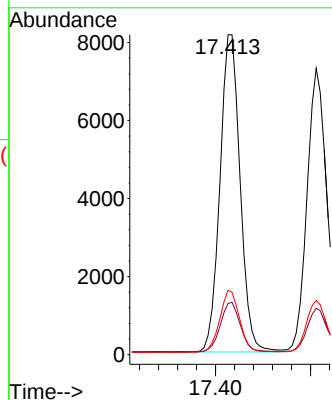
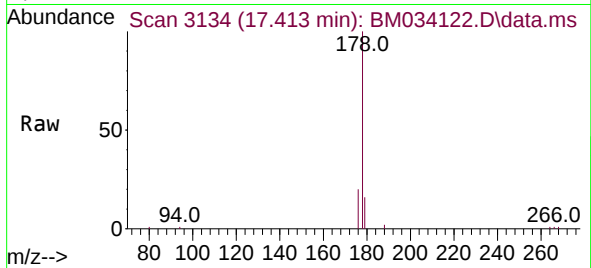




#15
Phenanthrene
Concen: 0.383 ng/u1
RT: 17.413 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

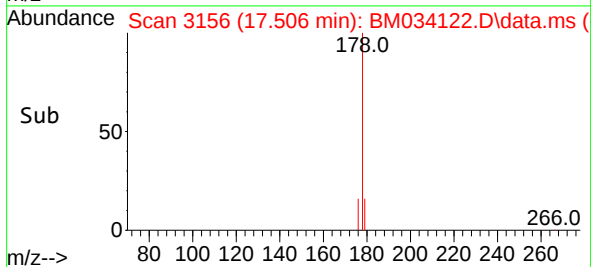
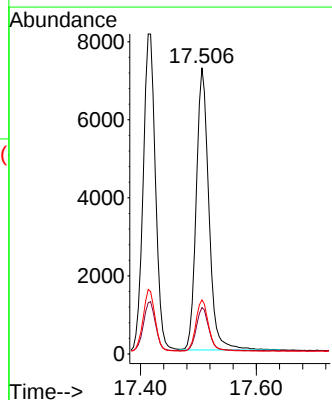
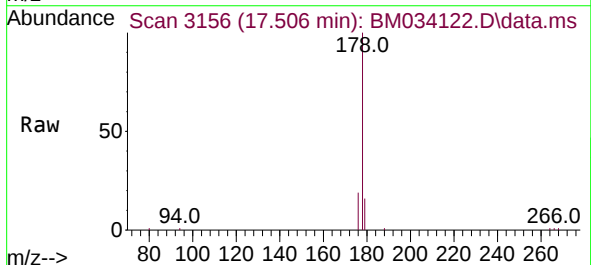
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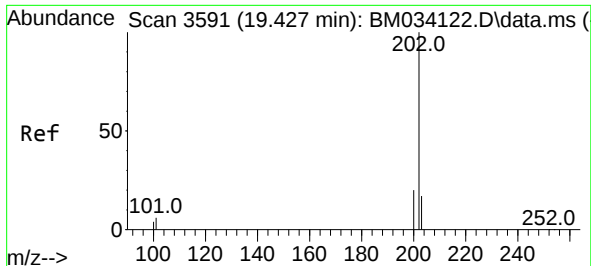
Tgt Ion:178 Resp: 12032
Ion Ratio Lower Upper
178 100
179 16.0 15.0 22.6
176 20.2 17.9 26.9



#16
Anthracene
Concen: 0.371 ng/u1
RT: 17.506 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

Tgt Ion:178 Resp: 10914
Ion Ratio Lower Upper
178 100
179 16.2 16.5 24.7#
176 18.9 18.3 27.5

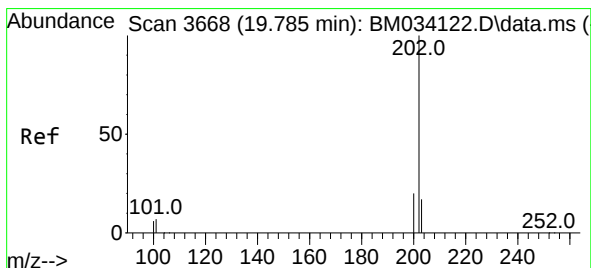
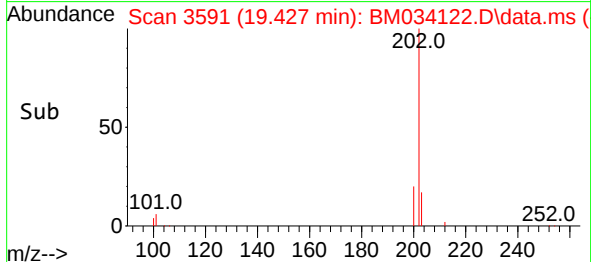
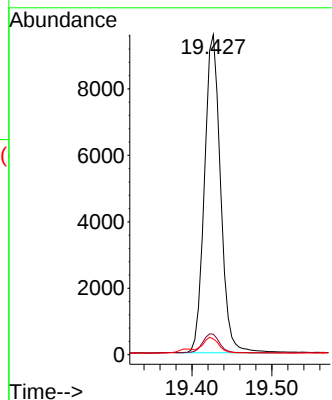
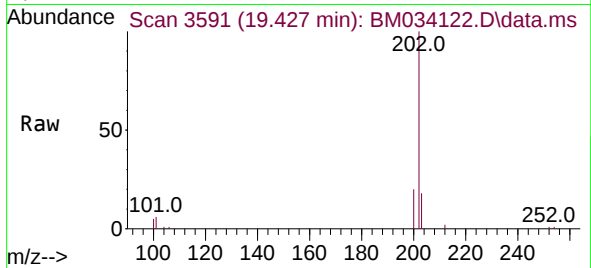




#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.427 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

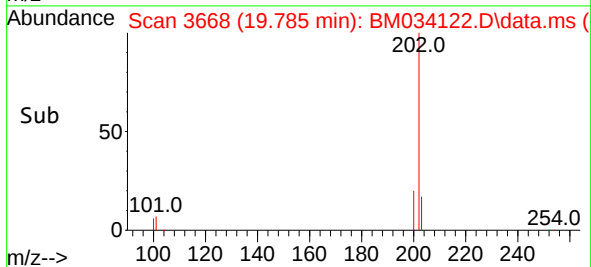
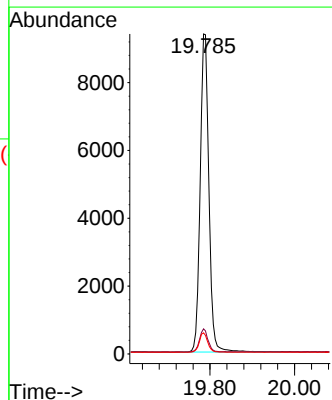
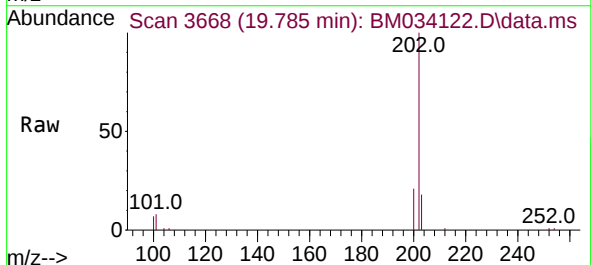
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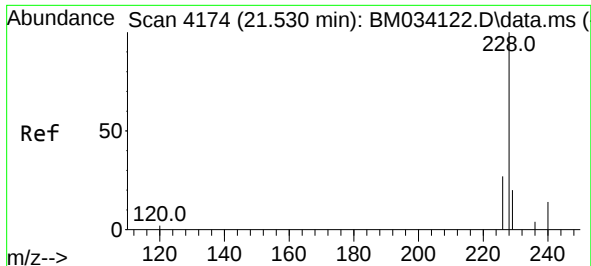
Tgt Ion:202 Resp: 13412
Ion Ratio Lower Upper
202 100
101 6.4 9.2 13.8#
100 4.9 7.2 10.8#



#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.785 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

Tgt Ion:202 Resp: 13347
Ion Ratio Lower Upper
202 100
101 7.8 9.3 13.9#
100 6.6 7.8 11.6#

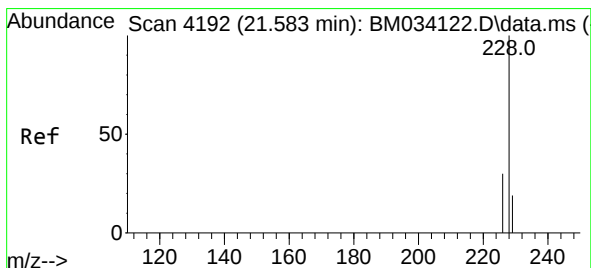
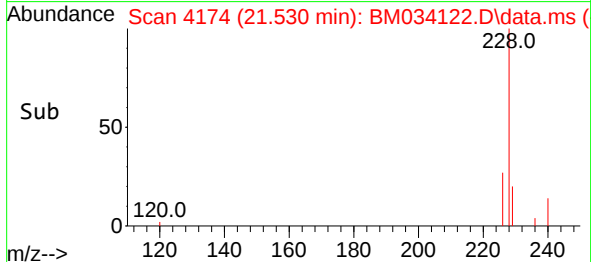
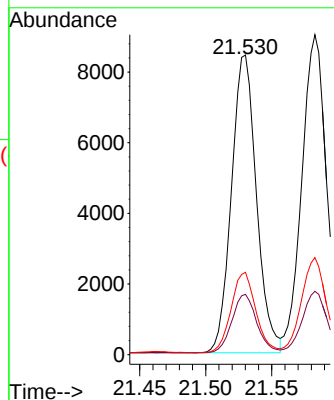
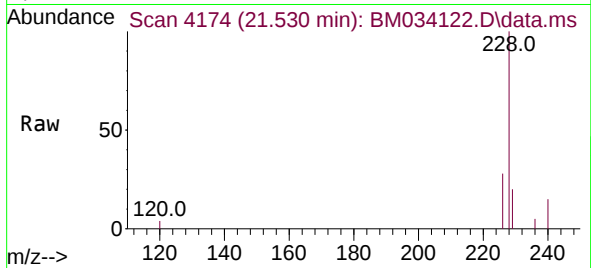




#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.530 min Scan# 4174
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

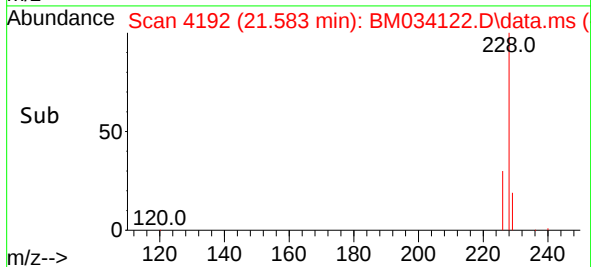
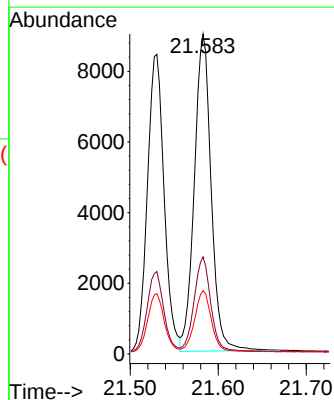
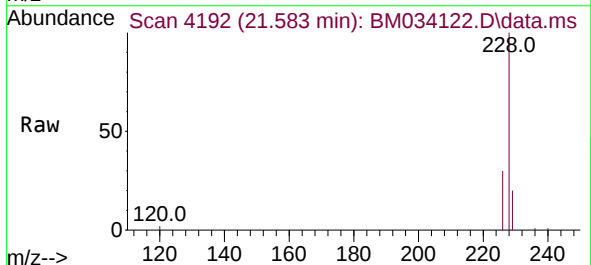
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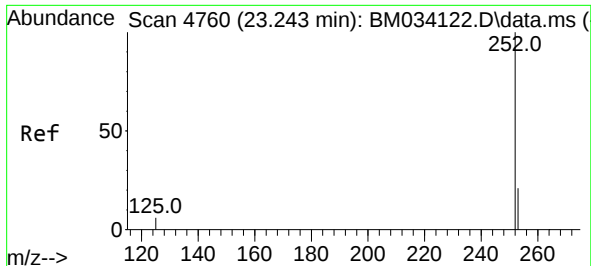
Tgt Ion:228 Resp: 11127
Ion Ratio Lower Upper
228 100
229 20.1 17.3 25.9
226 27.5 23.2 34.8



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

Tgt Ion:228 Resp: 11962
Ion Ratio Lower Upper
228 100
226 30.3 25.8 38.8
229 19.8 16.7 25.1

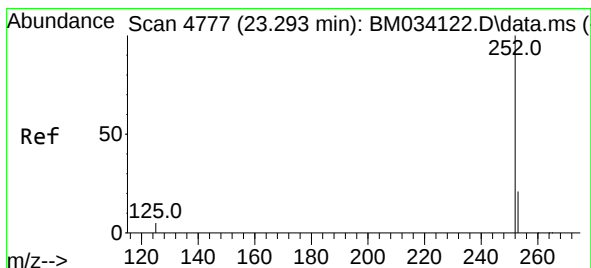
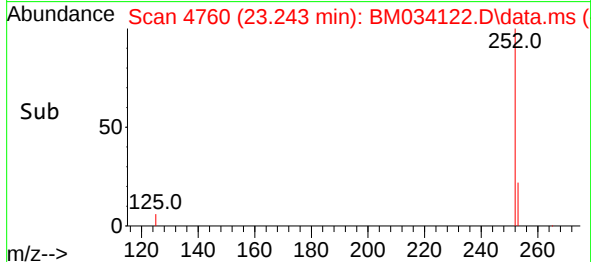
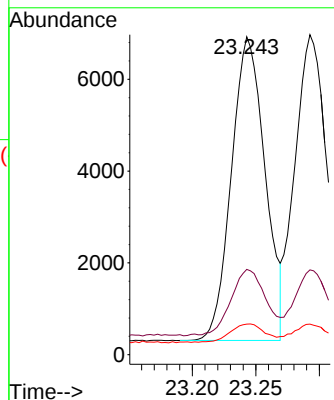
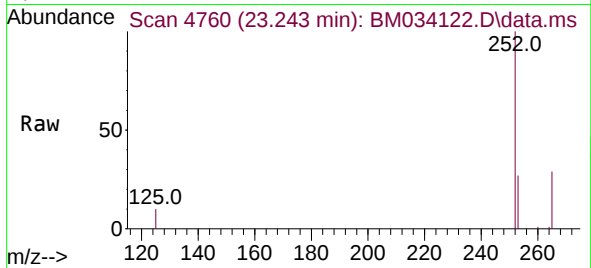




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.243 min Scan# 4760
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

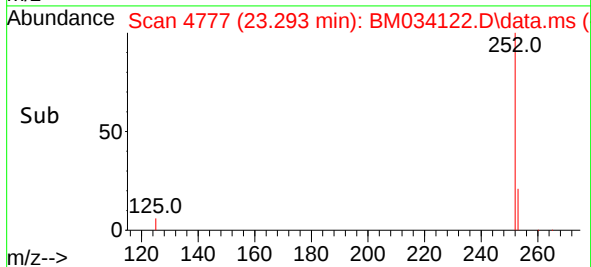
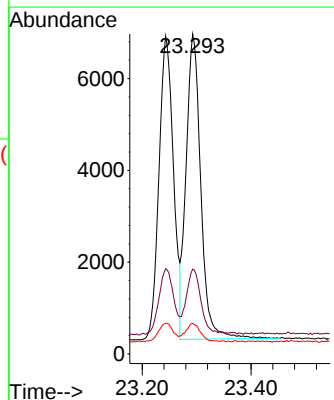
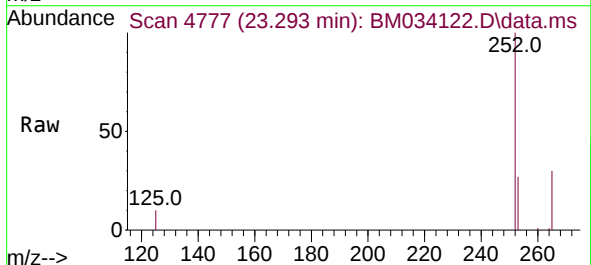
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

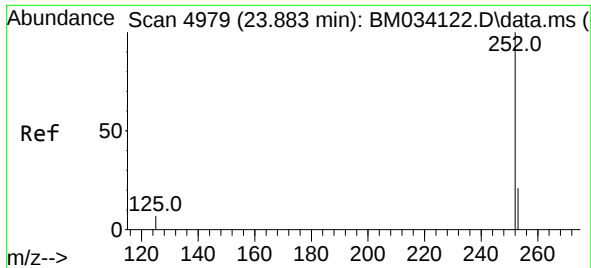
Tgt Ion:252 Resp: 12180
Ion Ratio Lower Upper
252 100
253 26.8 0.0 64.2
125 9.6 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 23.293 min Scan# 4777
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

Tgt Ion:252 Resp: 12446
Ion Ratio Lower Upper
252 100
253 26.5 26.8 40.2#
125 9.6 12.0 18.0#

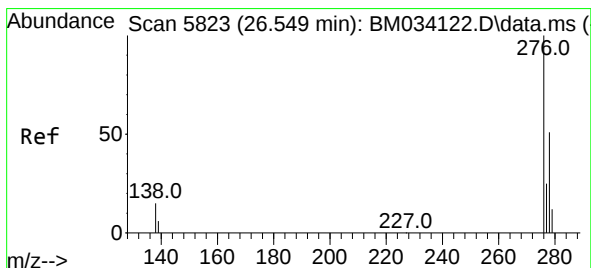
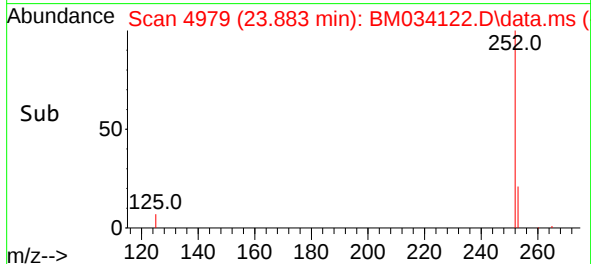
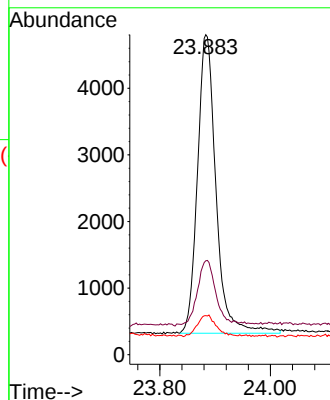
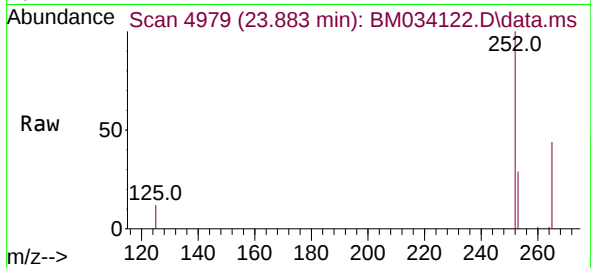




#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.883 min Scan# 4979
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

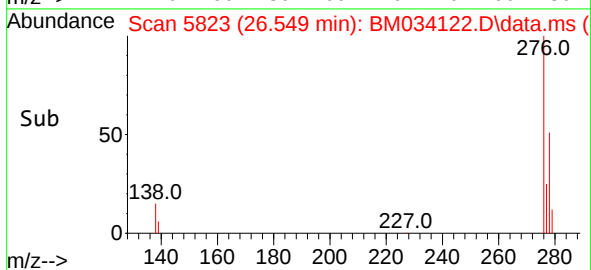
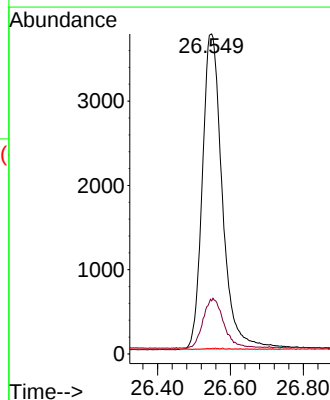
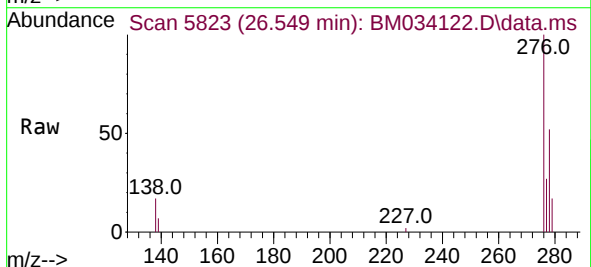
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

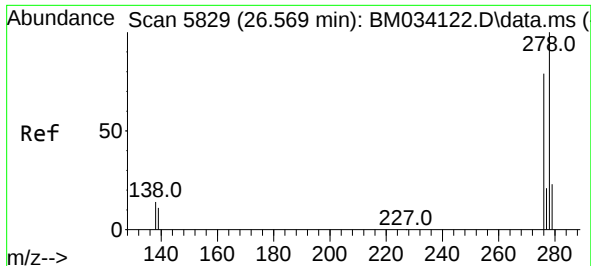
Tgt Ion:252 Resp: 10416
Ion Ratio Lower Upper
252 100
253 29.4 32.0 48.0#
125 12.2 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 26.549 min Scan# 5823
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

Tgt Ion:276 Resp: 14271
Ion Ratio Lower Upper
276 100
138 16.3 15.8 23.6
227 0.1 0.0 0.0#

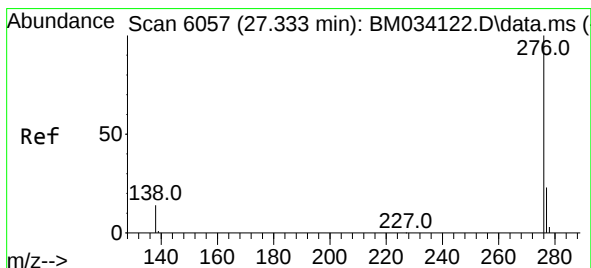
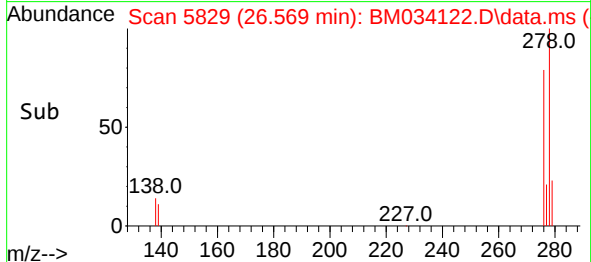
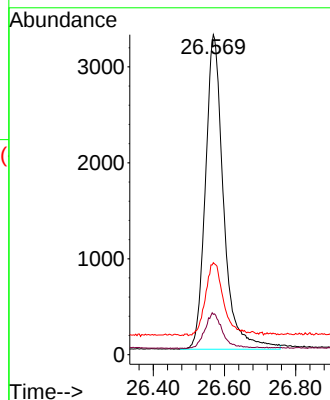
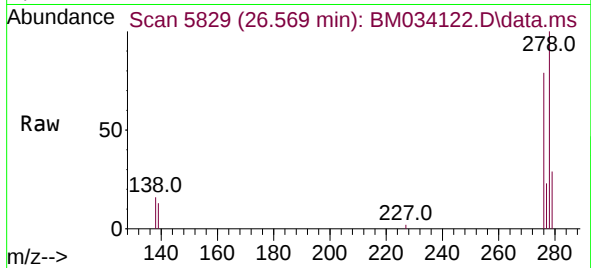




#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:278 Resp: 11608
Ion Ratio Lower Upper
278 100
139 12.6 18.0 27.0#
279 28.8 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 27.333 min Scan# 6057
Delta R.T. 0.000 min
Lab File: BM034122.D
Acq: 03 Mar 2022 12:35

Tgt Ion:276 Resp: 12797
Ion Ratio Lower Upper
276 100
138 15.4 17.4 26.0#
277 25.1 22.6 33.8

