

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030322\
 Data File : BM034124.D
 Acq On : 03 Mar 2022 13:48
 Operator : CG/JU
 Sample : SSTD1.654
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6005

Quant Time: Mar 03 14:24:07 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)

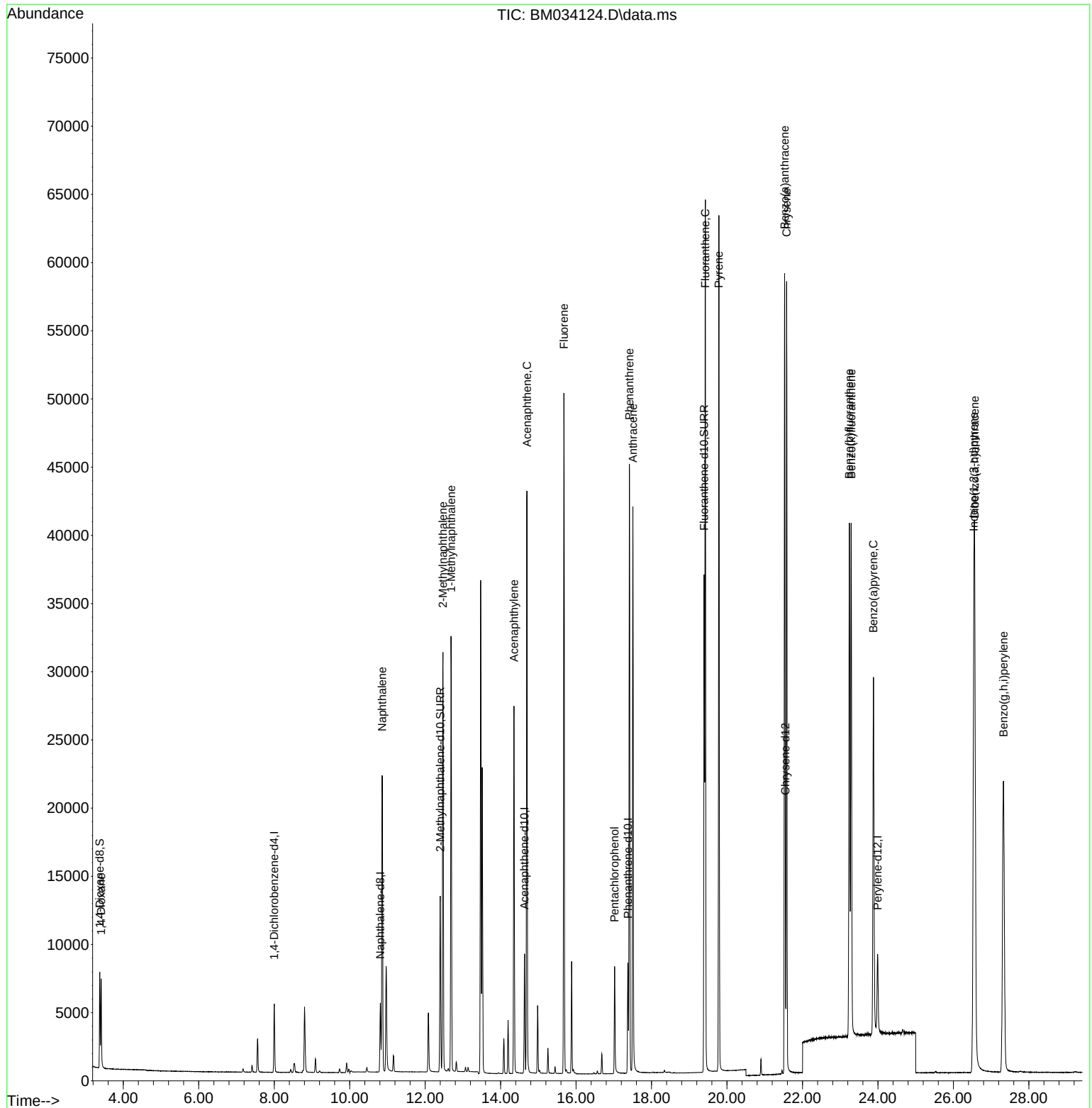
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	2592	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	7093	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	4715	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	10406	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	9377	0.400	ng/ul	# 0.00
23) Perylene-d12	23.991	264	8511	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	4625	1.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	16831	1.722	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	41454	1.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	4463	1.574	ng/ul#	72
5) Naphthalene	10.862	128	29399	1.508	ng/ul#	87
7) 2-Methylnaphthalene	12.473	142	21316	1.683	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	21090	1.698	ng/ul	98
10) Acenaphthylene	14.356	152	30429	1.444	ng/ul#	89
11) Acenaphthene	14.699	153	24276	1.439	ng/ul	94
12) Fluorene	15.679	166	29995	1.559	ng/ul#	95
14) Pentachlorophenol	17.021	266	5355	1.120	ng/ul	97
15) Phenanthrene	17.413	178	48001	1.448	ng/ul	93
16) Anthracene	17.506	178	44873	1.446	ng/ul#	90
19) Fluoranthene	19.427	202	57136	1.337	ng/ul#	86
20) Pyrene	19.785	202	55942	1.277	ng/ul#	89
21) Benzo(a)anthracene	21.527	228	49807	1.299	ng/ul	96
22) Chrysene	21.580	228	51219	1.261	ng/ul	96
24) Benzo(b)fluoranthene	23.243	252	51847	1.356	ng/ul	83
25) Benzo(k)fluoranthene	23.293	252	53626	1.400	ng/ul#	81
26) Benzo(a)pyrene	23.880	252	44232	1.334	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.542	276	61408	1.393	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.566	278	50629	1.456	ng/ul#	80
29) Benzo(g,h,i)perylene	27.327	276	53009	1.416	ng/ul#	89

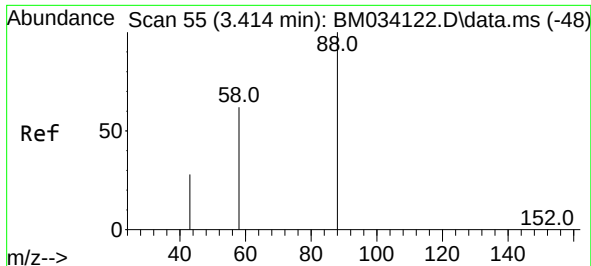
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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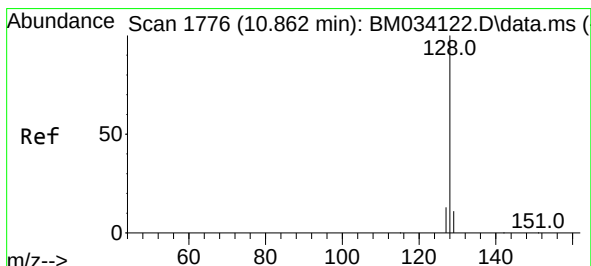
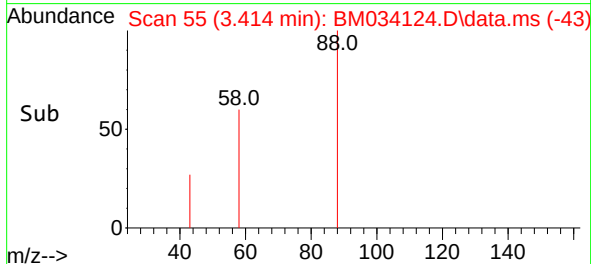
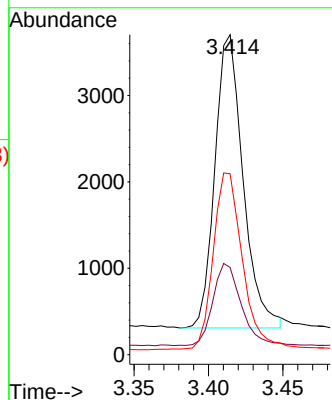
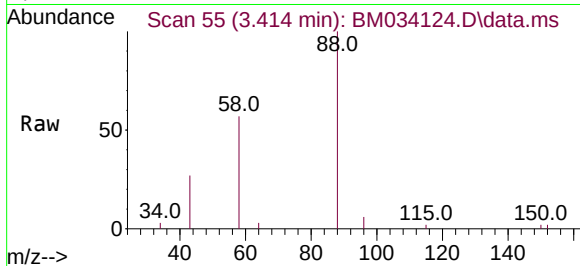




#2
1,4-Dioxane
Concen: 1.574 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

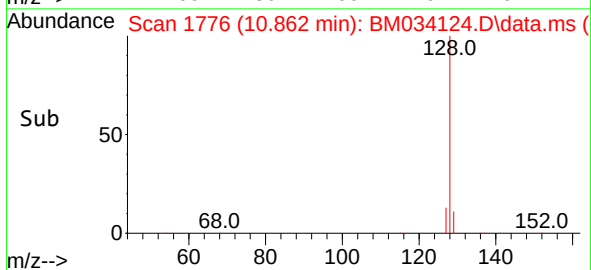
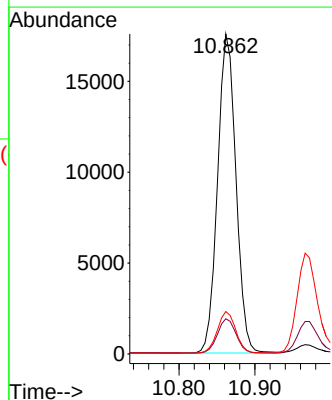
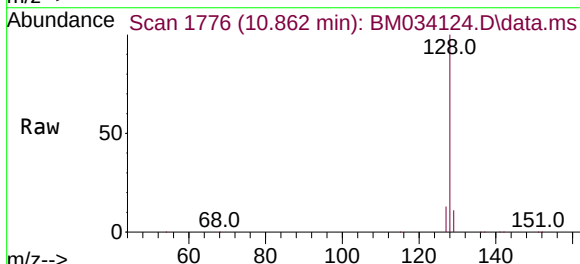
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

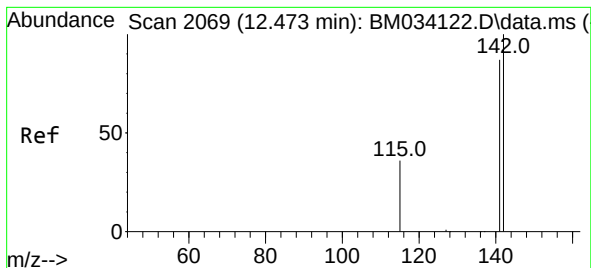
Tgt Ion: 88 Resp: 4463
Ion Ratio Lower Upper
88 100
43 27.2 49.7 74.5#
58 56.5 52.5 78.7



#5
Naphthalene
Concen: 1.508 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

Tgt Ion: 128 Resp: 29399
Ion Ratio Lower Upper
128 100
129 11.0 13.4 20.2#
127 13.2 15.2 22.8#

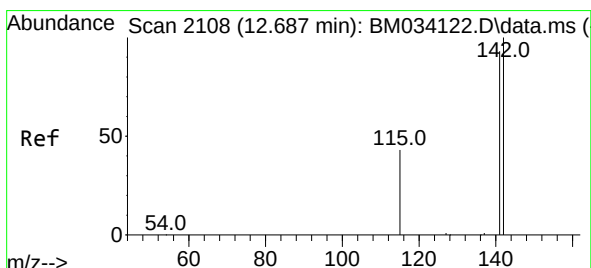
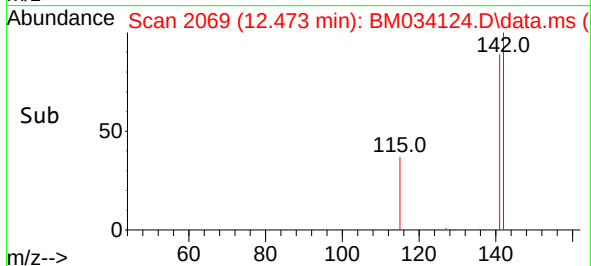
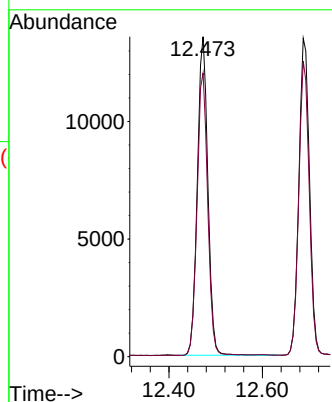
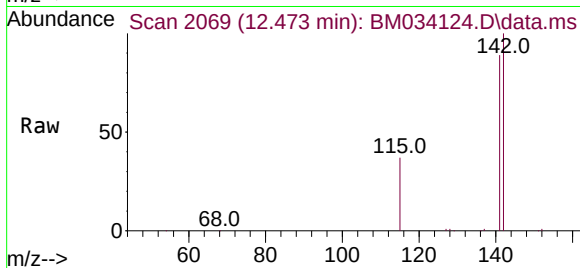




#7
2-Methylnaphthalene
Concen: 1.683 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

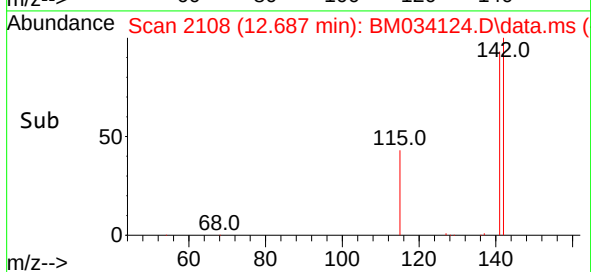
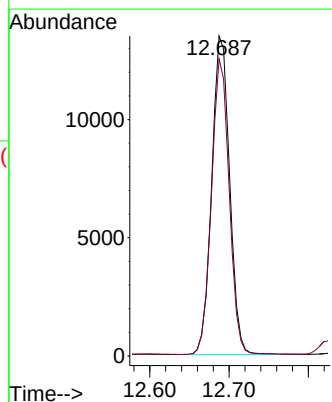
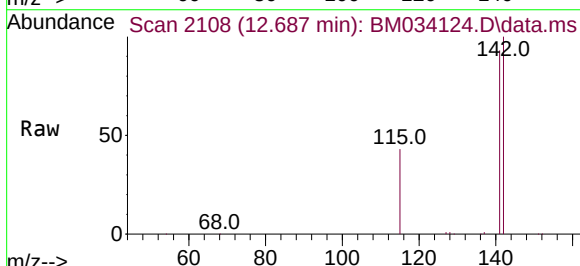
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

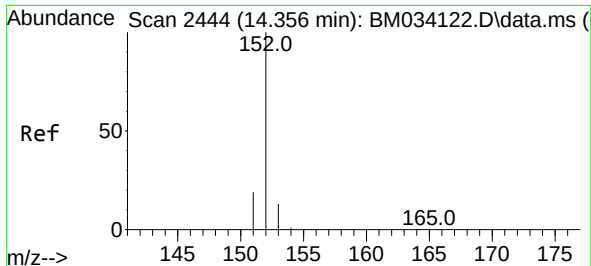
Tgt Ion:142 Resp: 21316
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 1.698 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

Tgt Ion:142 Resp: 21090
Ion Ratio Lower Upper
142 100
141 91.8 75.0 112.4

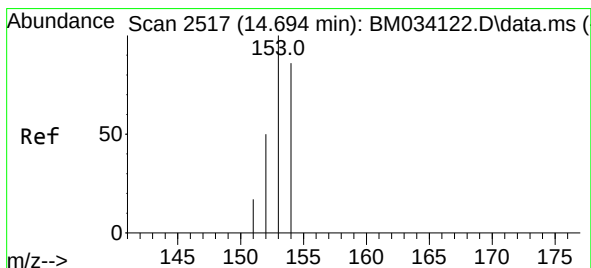
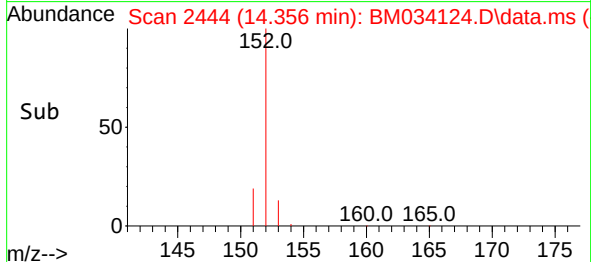
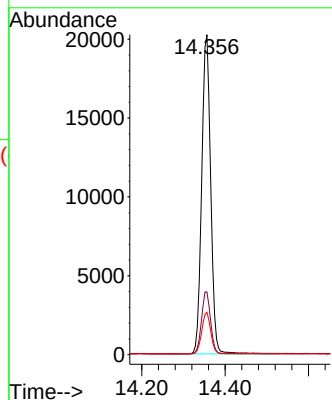
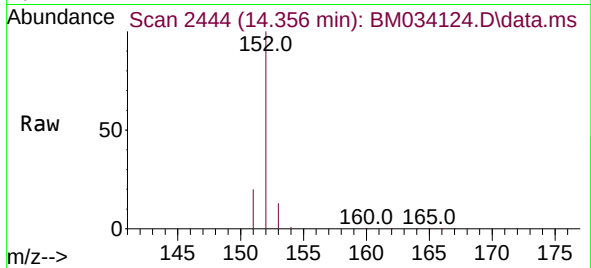




#10
Acenaphthylene
Concen: 1.444 ng/ul
RT: 14.356 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

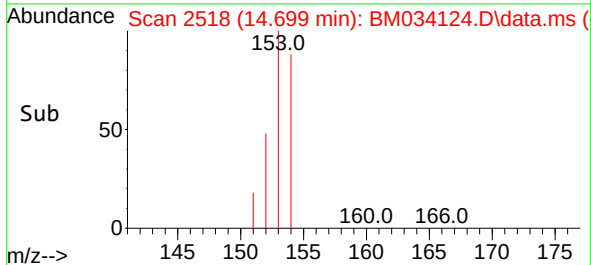
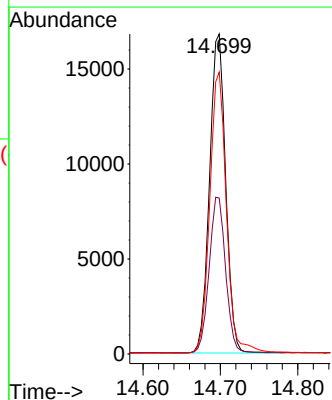
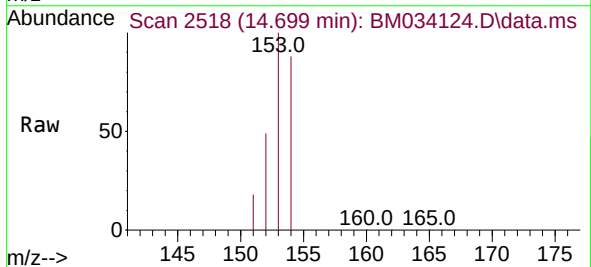
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

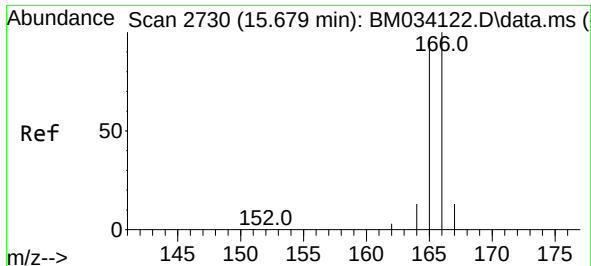
Tgt Ion:152 Resp: 30429
Ion Ratio Lower Upper
152 100
151 19.6 19.9 29.9#
153 13.2 15.0 22.4#



#11
Acenaphthene
Concen: 1.439 ng/ul
RT: 14.699 min Scan# 2518
Delta R.T. 0.005 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

Tgt Ion:153 Resp: 24276
Ion Ratio Lower Upper
153 100
152 48.7 42.4 63.6
154 88.1 66.2 99.2

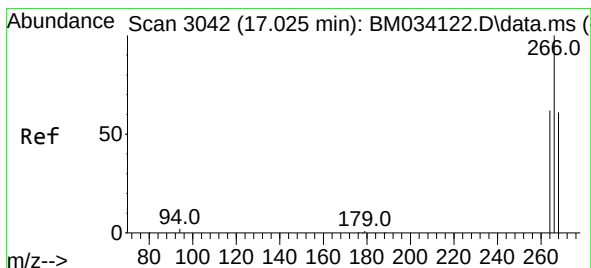
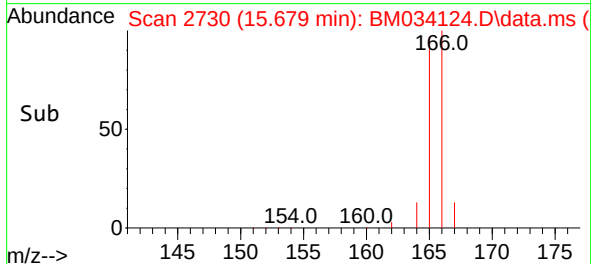
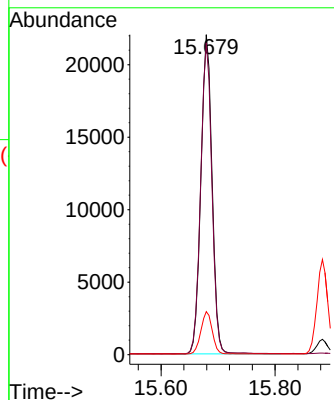
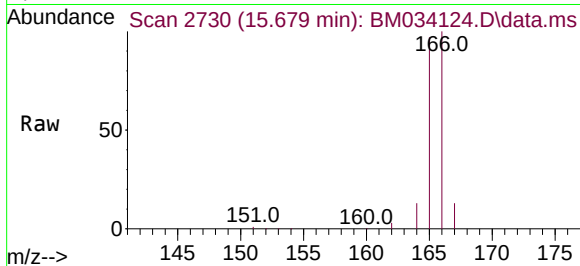




#12
Fluorene
Concen: 1.559 ng/ul
RT: 15.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

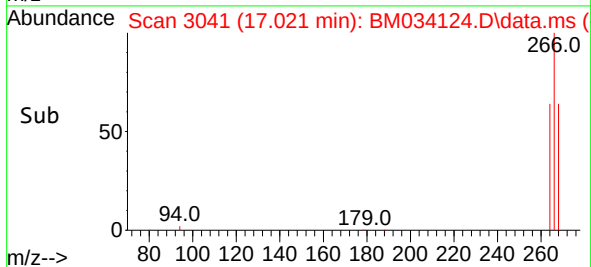
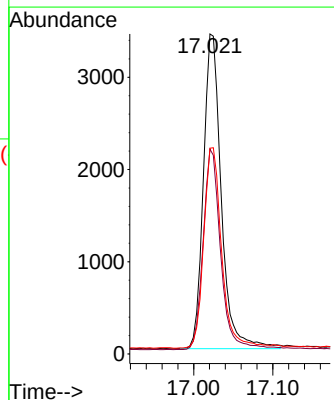
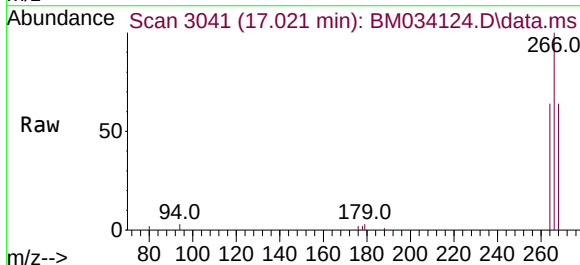
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

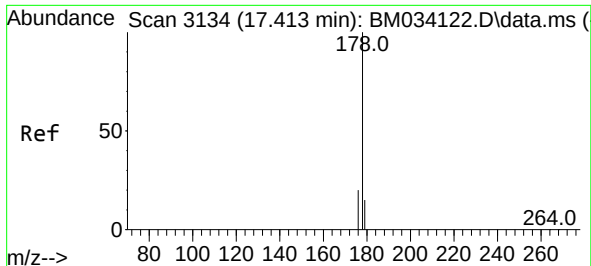
Tgt Ion:166 Resp: 29995
Ion Ratio Lower Upper
166 100
165 97.4 81.1 121.7
167 13.4 14.9 22.3#



#14
Pentachlorophenol
Concen: 1.120 ng/ul
RT: 17.021 min Scan# 3041
Delta R.T. -0.004 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

Tgt Ion:266 Resp: 5355
Ion Ratio Lower Upper
266 100
264 62.4 51.4 77.0
268 64.0 53.1 79.7

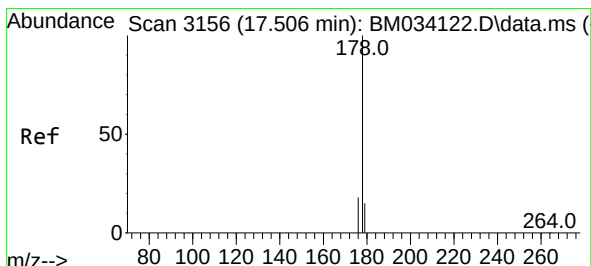
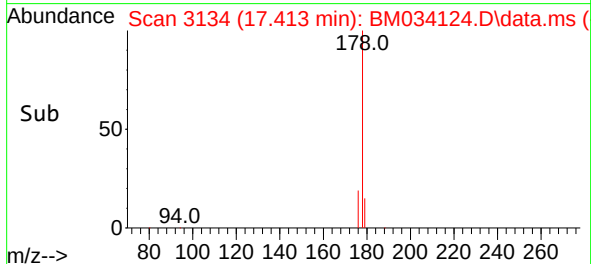
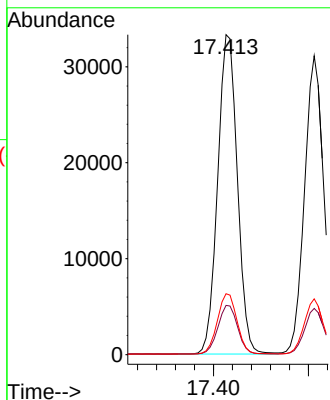
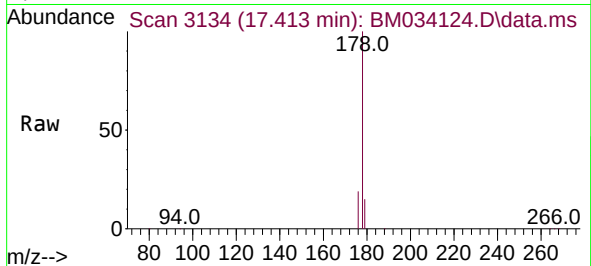




#15
Phenanthrene
Concen: 1.448 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

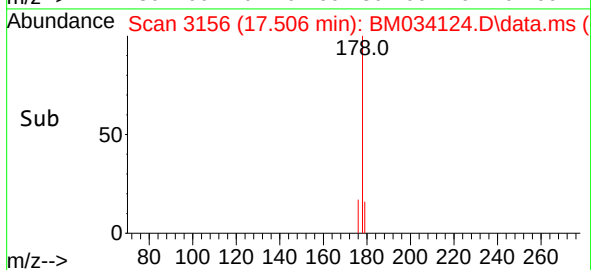
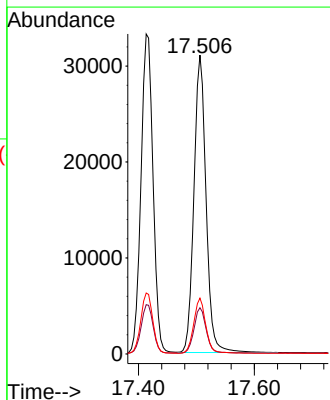
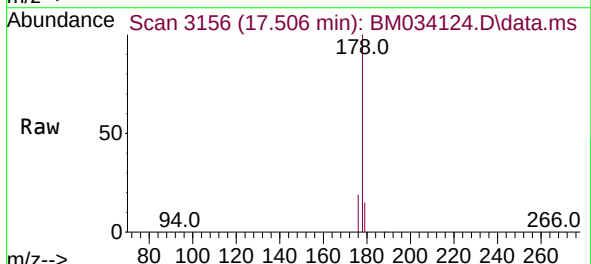
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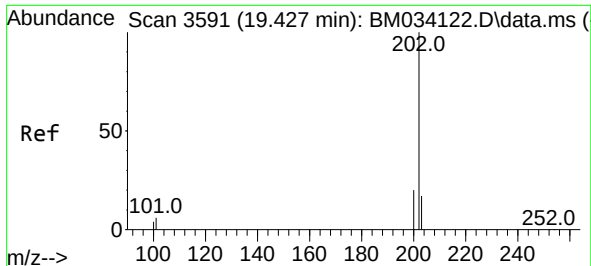
Tgt Ion:	178	Resp:	48001
Ion	Ratio	Lower	Upper
178	100		
179	15.4	15.0	22.6
176	19.0	17.9	26.9



#16
Anthracene
Concen: 1.446 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

Tgt Ion:	178	Resp:	44873
Ion	Ratio	Lower	Upper
178	100		
179	15.5	16.5	24.7#
176	18.7	18.3	27.5

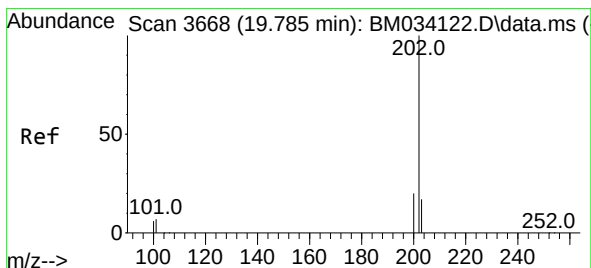
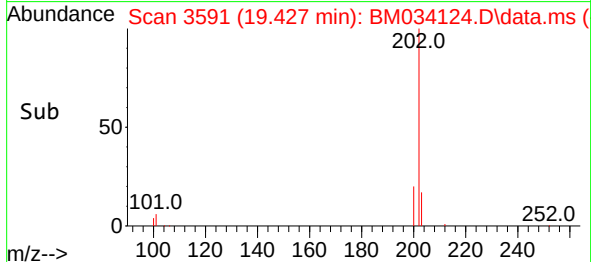
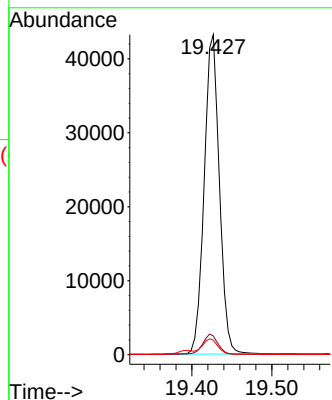
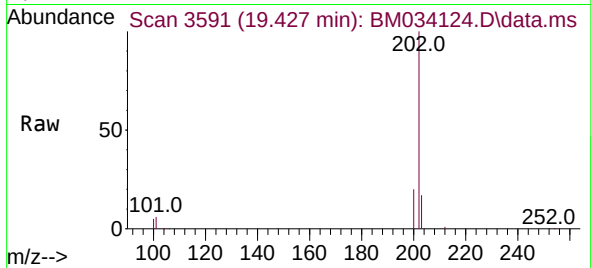




#19
Fluoranthene
Concen: 1.337 ng/u1
RT: 19.427 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

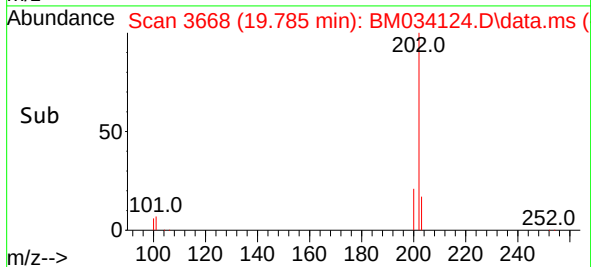
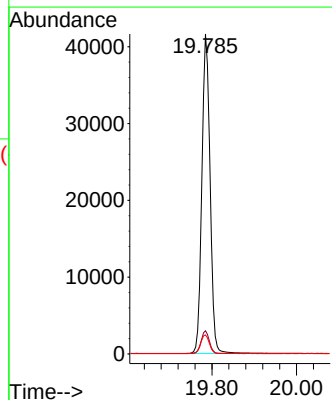
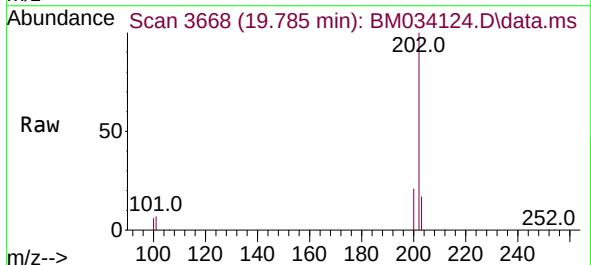
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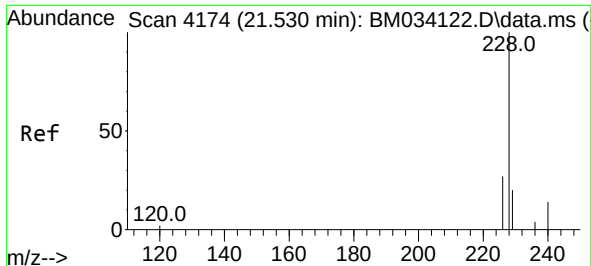
Tgt Ion:202 Resp: 57136
Ion Ratio Lower Upper
202 100
101 5.9 9.2 13.8#
100 4.5 7.2 10.8#



#20
Pyrene
Concen: 1.277 ng/u1
RT: 19.785 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

Tgt Ion:202 Resp: 55942
Ion Ratio Lower Upper
202 100
101 7.3 9.3 13.9#
100 6.0 7.8 11.6#

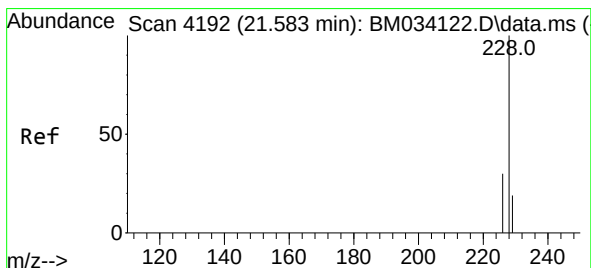
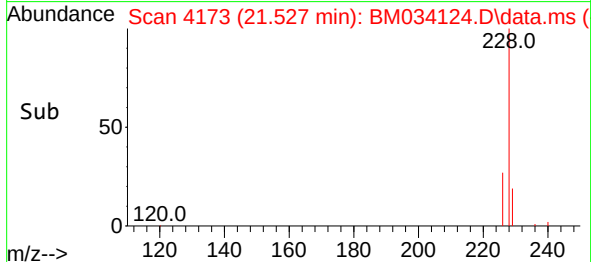
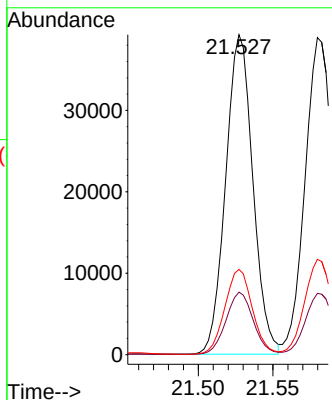
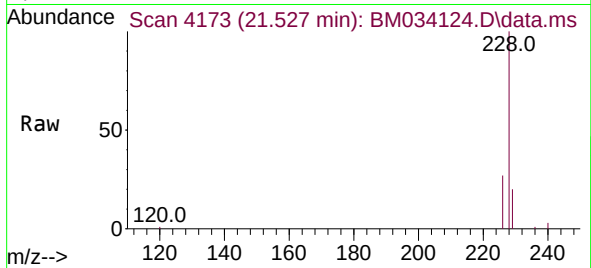




#21
Benzo(a)anthracene
Concen: 1.299 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

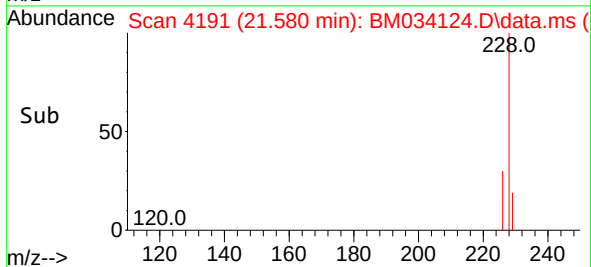
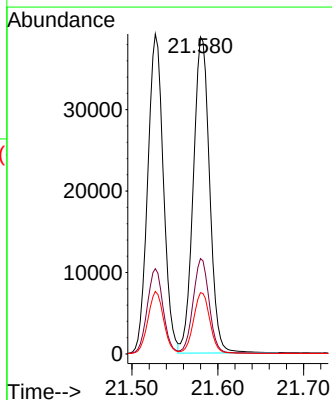
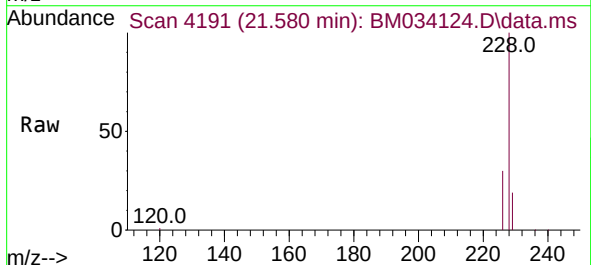
Instrument :
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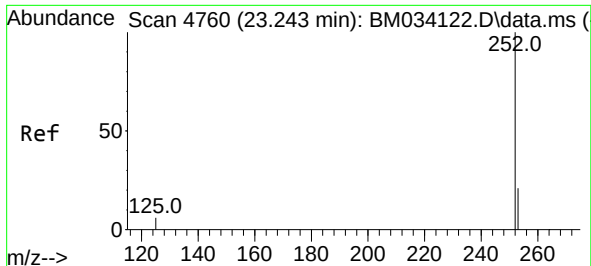
Tgt Ion:228 Resp: 49807
Ion Ratio Lower Upper
228 100
229 19.5 17.3 25.9
226 26.7 23.2 34.8



#22
Chrysene
Concen: 1.261 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

Tgt Ion:228 Resp: 51219
Ion Ratio Lower Upper
228 100
226 30.1 25.8 38.8
229 19.3 16.7 25.1

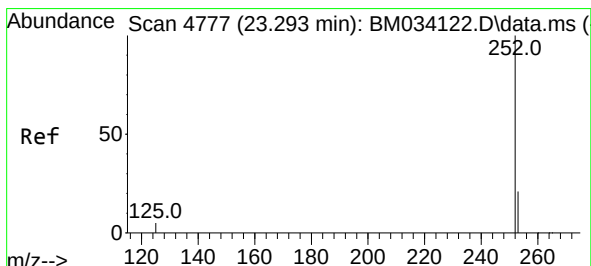
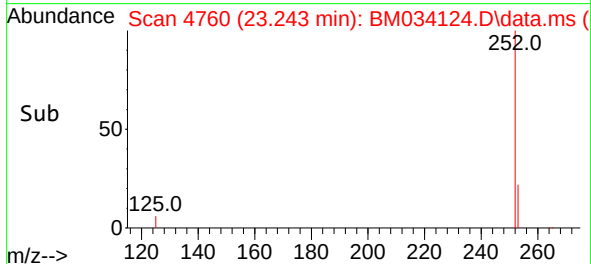
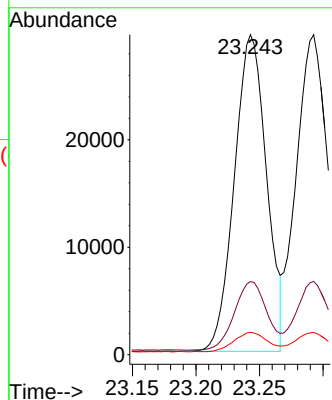
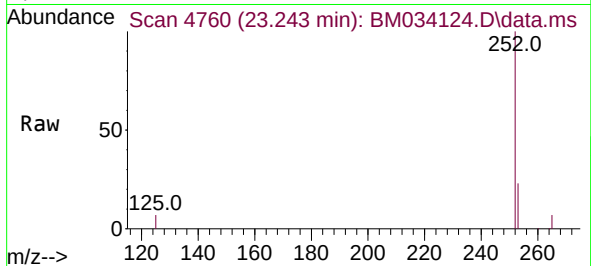




#24
Benzo(b)fluoranthene
Concen: 1.356 ng/ul
RT: 23.243 min Scan# 4760
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

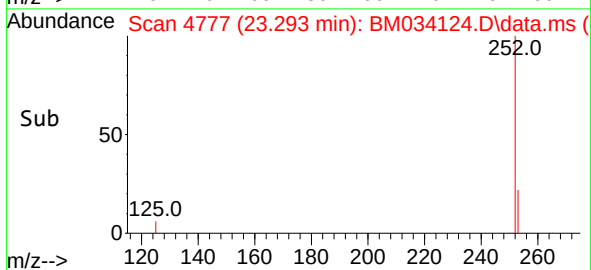
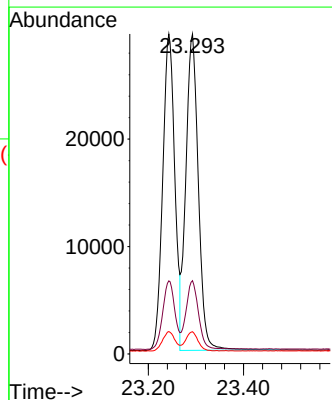
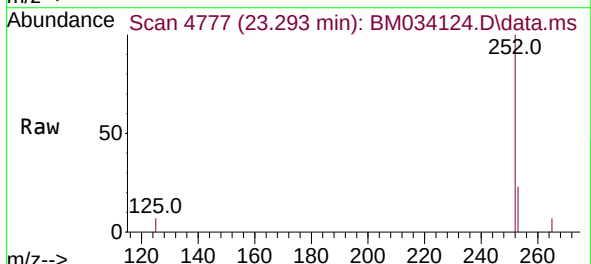
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

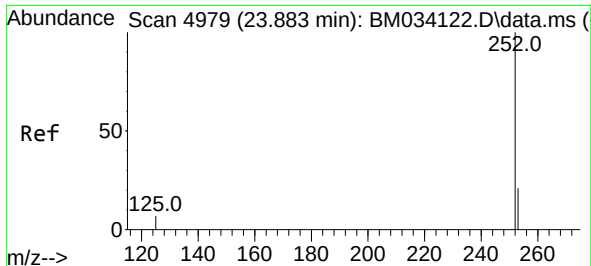
Tgt Ion:252 Resp: 51847
Ion Ratio Lower Upper
252 100
253 22.8 0.0 64.2
125 7.0 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 1.400 ng/ul
RT: 23.293 min Scan# 4777
Delta R.T. 0.000 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

Tgt Ion:252 Resp: 53626
Ion Ratio Lower Upper
252 100
253 22.9 26.8 40.2#
125 7.0 12.0 18.0#

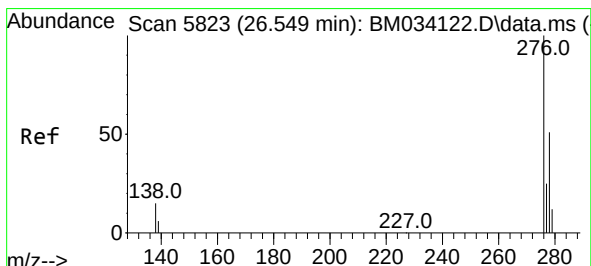
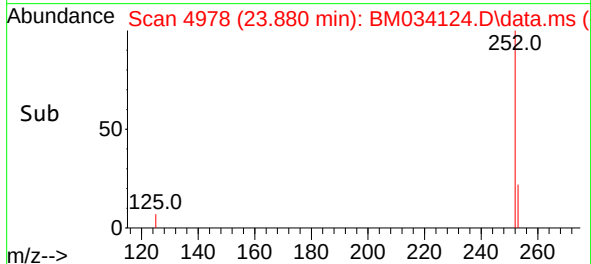
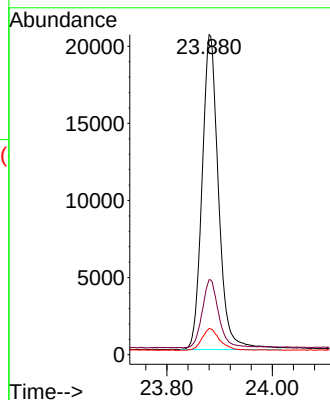
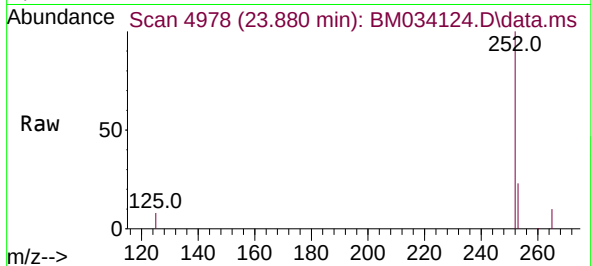




#26
Benzo(a)pyrene
Concen: 1.334 ng/ul
RT: 23.880 min Scan# 4979
Delta R.T. -0.003 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

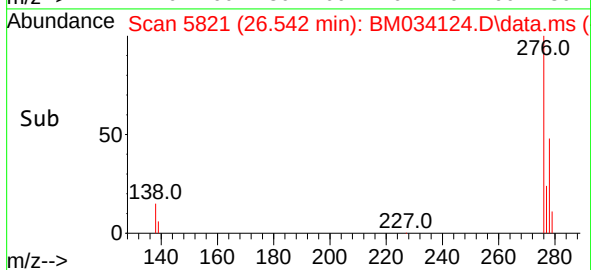
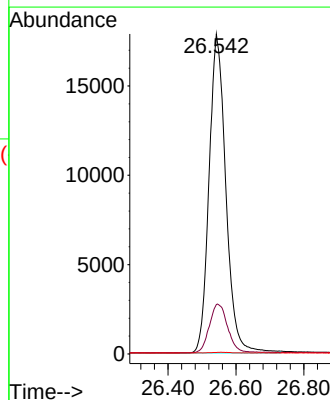
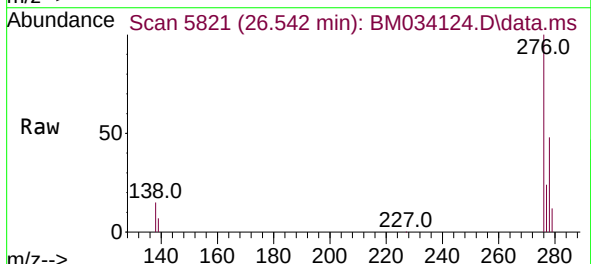
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

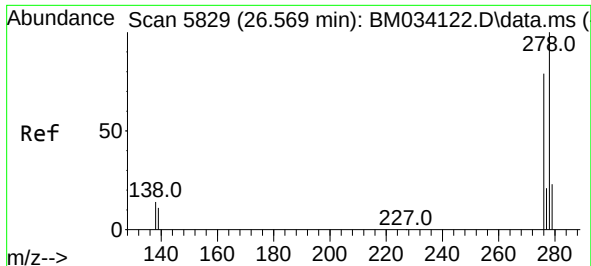
Tgt Ion:252 Resp: 44232
Ion Ratio Lower Upper
252 100
253 23.5 32.0 48.0#
125 8.2 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.393 ng/ul
RT: 26.542 min Scan# 5821
Delta R.T. -0.006 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

Tgt Ion:276 Resp: 61408
Ion Ratio Lower Upper
276 100
138 16.6 15.8 23.6
227 0.2 0.0 0.0#

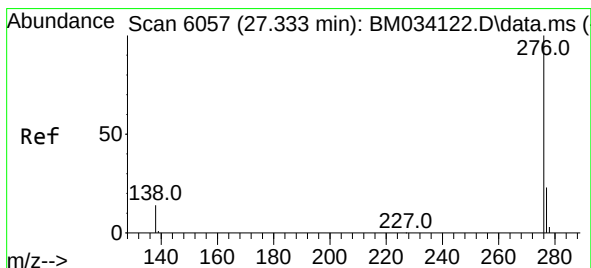
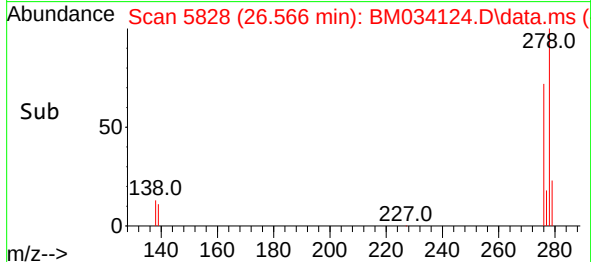
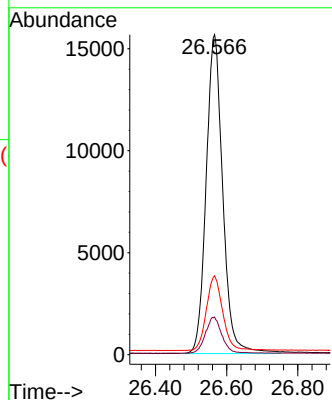
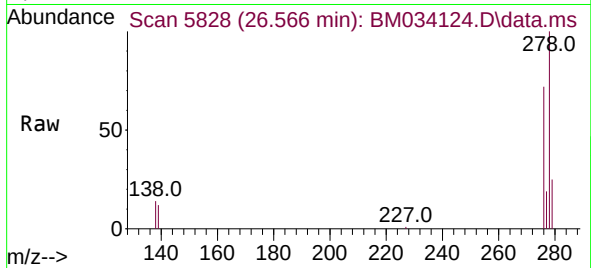




#28
Dibenzo(a,h)anthracene
Concen: 1.456 ng/ul
RT: 26.566 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:278 Resp: 50629
Ion Ratio Lower Upper
278 100
139 11.7 18.0 27.0#
279 24.6 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 1.416 ng/ul
RT: 27.327 min Scan# 6055
Delta R.T. -0.006 min
Lab File: BM034124.D
Acq: 03 Mar 2022 13:48

Tgt Ion:276 Resp: 53009
Ion Ratio Lower Upper
276 100
138 14.4 17.4 26.0#
277 23.9 22.6 33.8

