

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035578.D
 Acq On : 21 Jun 2022 18:35
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4105

Quant Time: Jun 22 01:33:07 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

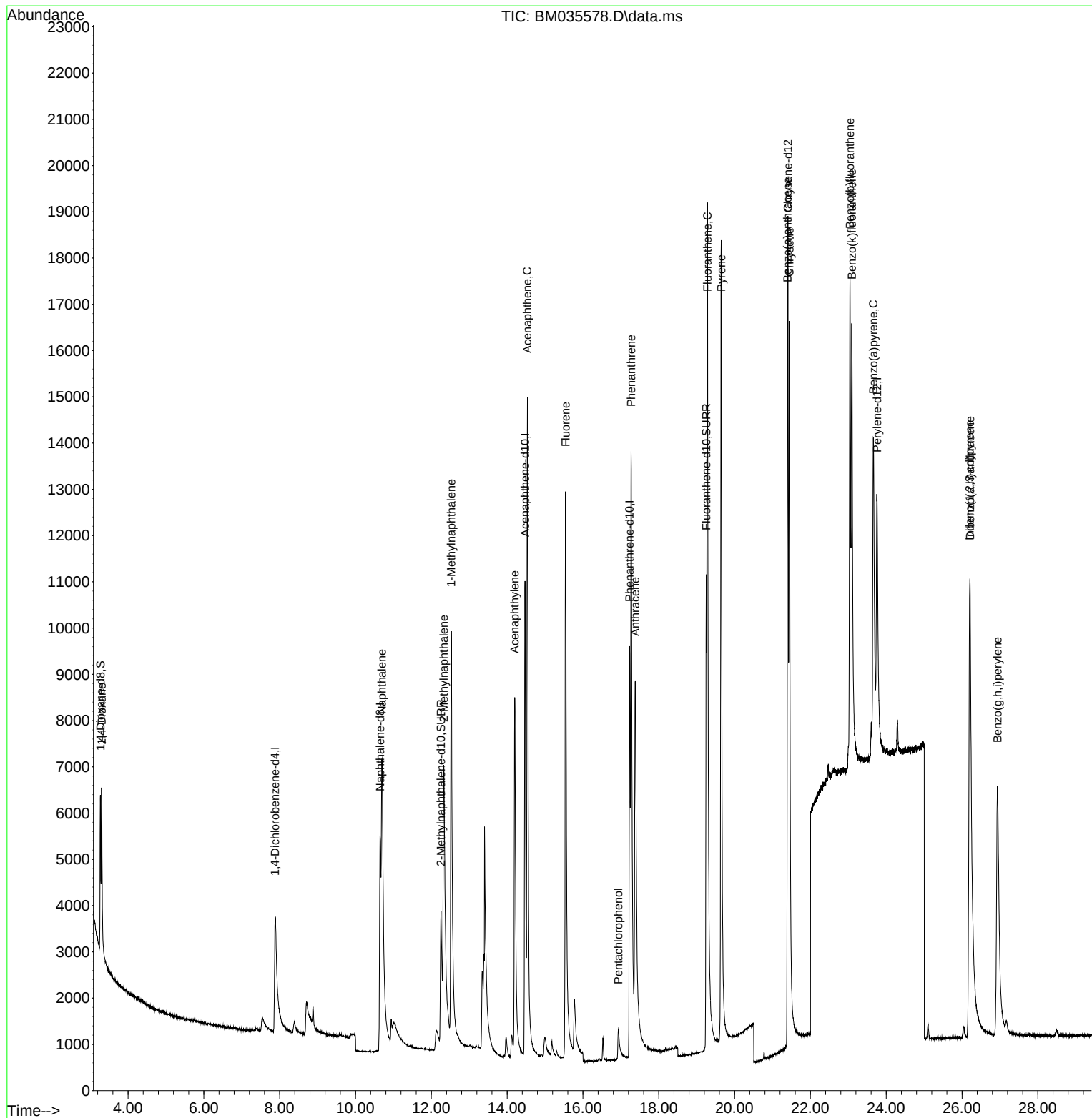
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	3506	0.400	ng/ul	0.02
4) Naphthalene-d8	10.649	136	14275	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	7961	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	15883	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	11691	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	10348	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	2206	0.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	8377	0.395	ng/ul	0.01
18) Fluoranthene-d10	19.252	212	16145	0.411	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	2148	0.437	ng/ul#	68
5) Naphthalene	10.699	128	15919	0.329	ng/ul	100
7) 2-Methylnaphthalene	12.332	142	9311	0.337	ng/ul	95
8) 1-Methylnaphthalene	12.525	142	9865	0.389	ng/ul	100
10) Acenaphthylene	14.200	152	15847	0.353	ng/ul	100
11) Acenaphthene	14.533	153	12129	0.365	ng/ul	98
12) Fluorene	15.542	166	13432	0.358	ng/ul	99
14) Pentachlorophenol	16.938	266	950	0.312	ng/ul	97
15) Phenanthrene	17.271	178	20273	0.348	ng/ul	99
16) Anthracene	17.381	178	17130	0.336	ng/ul	99
19) Fluoranthene	19.284	202	22066	0.369	ng/ul	100
20) Pyrene	19.647	202	23181	0.370	ng/ul	99
21) Benzo(a)anthracene	21.398	228	14544	0.329	ng/ul	98
22) Chrysene	21.444	228	18884	0.359	ng/ul	99
24) Benzo(b)fluoranthene	23.043	252	15863	0.350	ng/ul	99
25) Benzo(k)fluoranthene	23.093	252	16770	0.357	ng/ul	97
26) Benzo(a)pyrene	23.663	252	16828	0.358	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.202	276	19521	0.361	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.212	278	15904	0.360	ng/ul	97
29) Benzo(g,h,i)perylene	26.936	276	17653	0.364	ng/ul	98

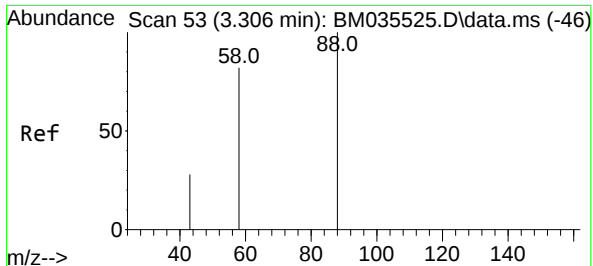
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_M
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SSTD0.4105

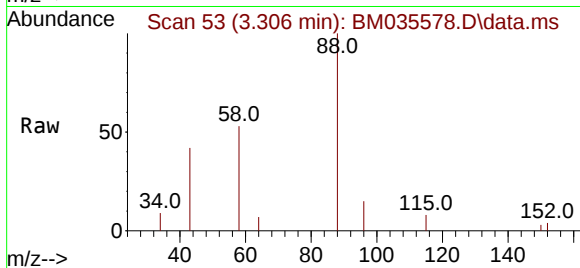
Quant Time: Jun 22 01:33:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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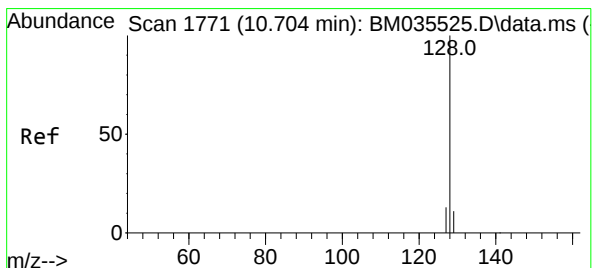
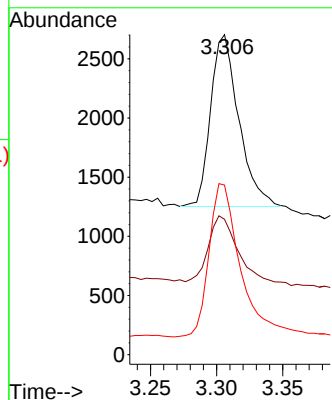
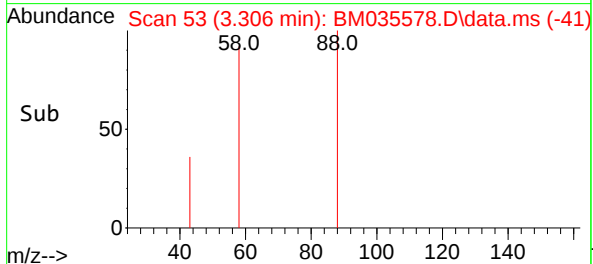


#2
1,4-Dioxane
Concen: 0.437 ng/ul
RT: 3.306 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

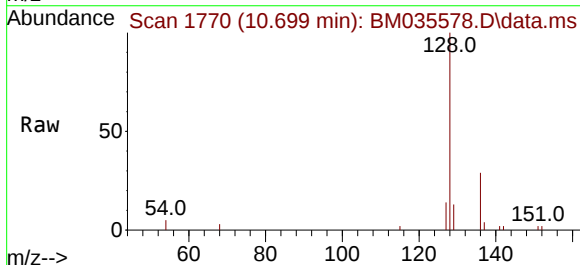
Instrument :
BNA_M
ClientSampleId :
SSTD0.4105



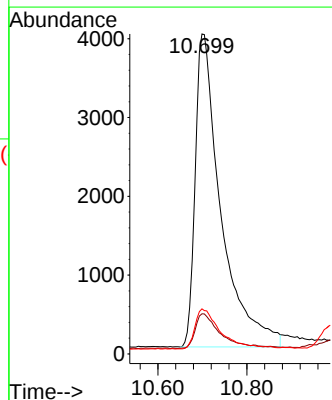
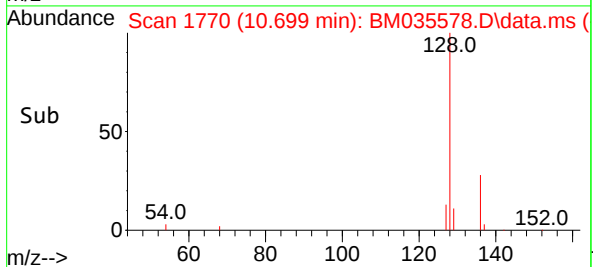
Tgt Ion: 88 Resp: 2148
Ion Ratio Lower Upper
88 100
43 42.3 70.4 105.6#
58 53.0 45.6 68.4

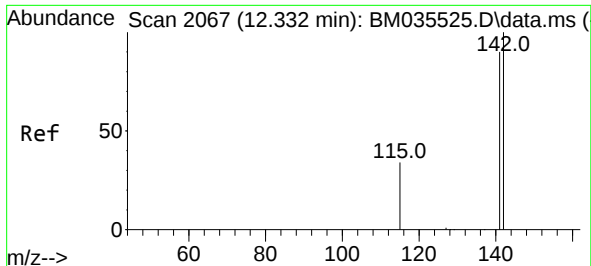


#5
Naphthalene
Concen: 0.329 ng/ul
RT: 10.699 min Scan# 1770
Delta R.T. 0.005 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35



Tgt Ion: 128 Resp: 15919
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 14.1 11.4 17.2

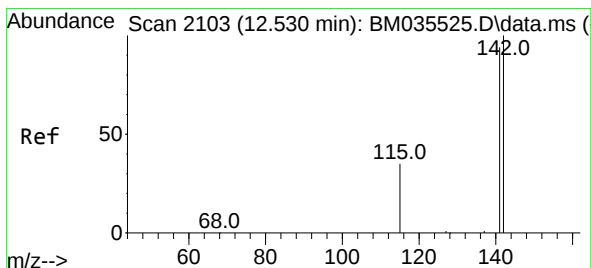
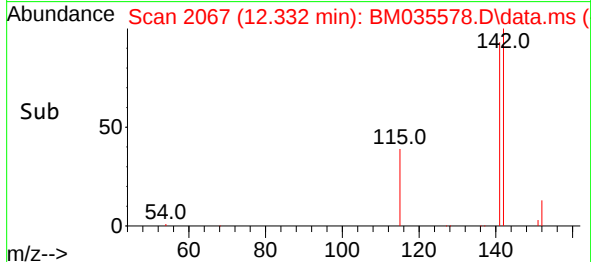
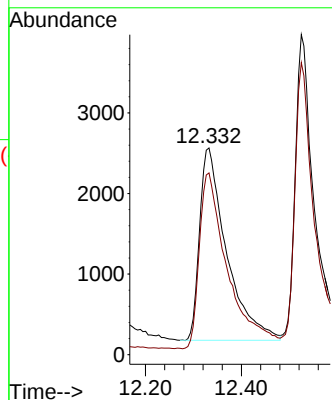
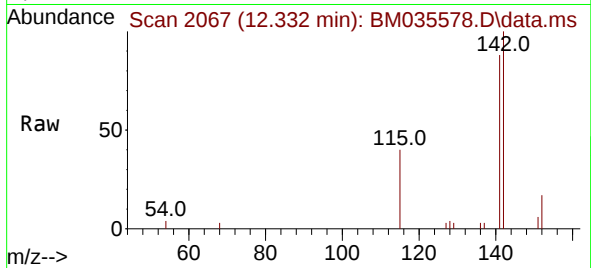




#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.332 min Scan# 2067
Delta R.T. 0.011 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

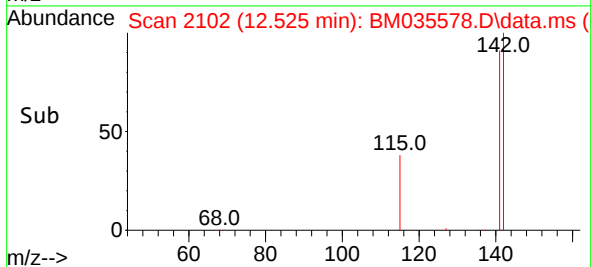
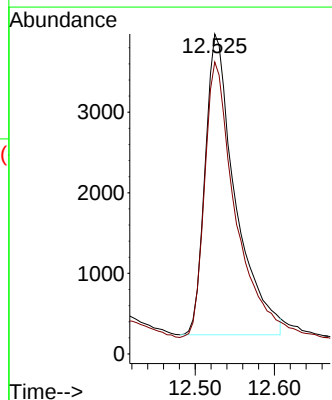
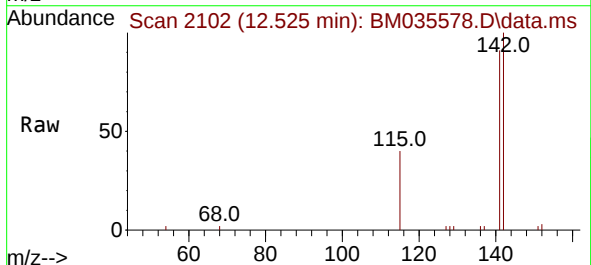
Instrument :
BNA_M
ClientSampleId :
SSTD0.4105

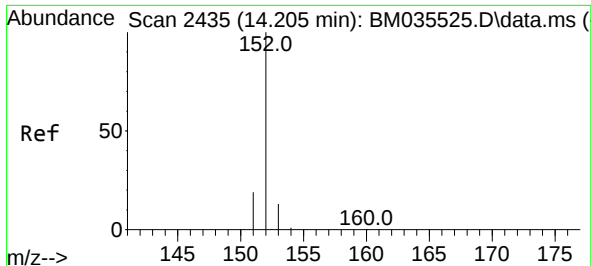
Tgt Ion:142 Resp: 9311
Ion Ratio Lower Upper
142 100
141 97.0 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

Tgt Ion:142 Resp: 9865
Ion Ratio Lower Upper
142 100
141 93.0 74.6 111.8

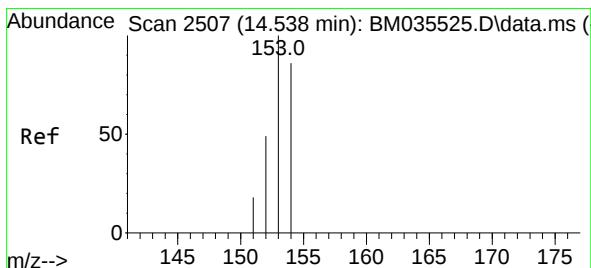
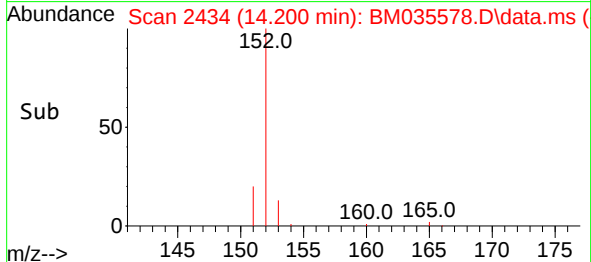
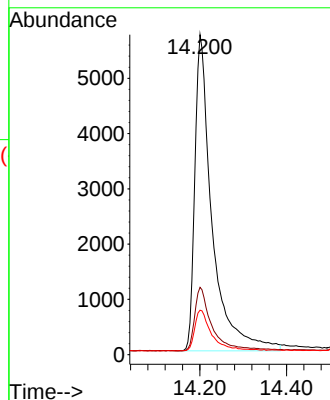
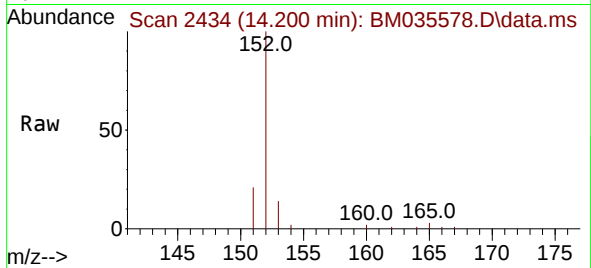




#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 14.200 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

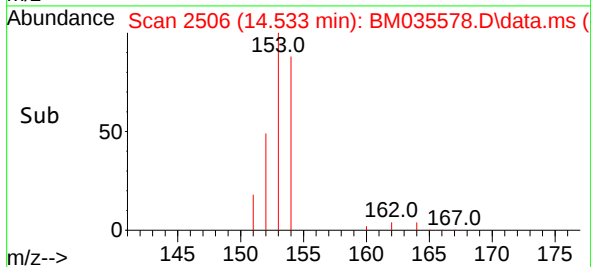
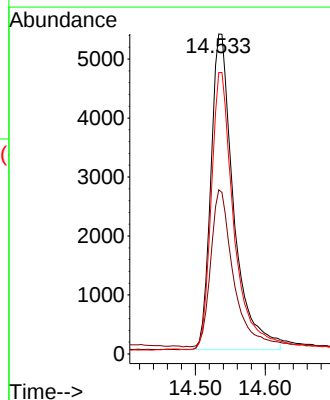
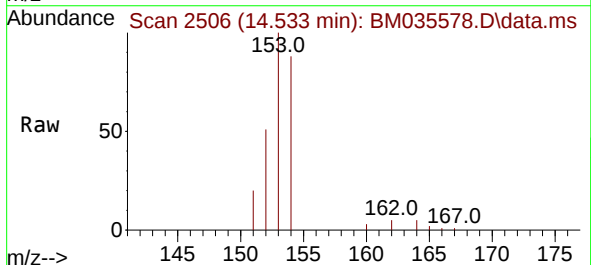
Instrument :
BNA_M
ClientSampleId :
SSTD0.4105

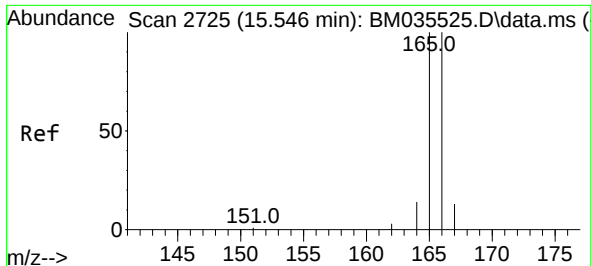
Tgt Ion:152 Resp: 15847
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.001 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

Tgt Ion:153 Resp: 12129
Ion Ratio Lower Upper
153 100
152 51.3 40.0 60.0
154 87.9 69.1 103.7

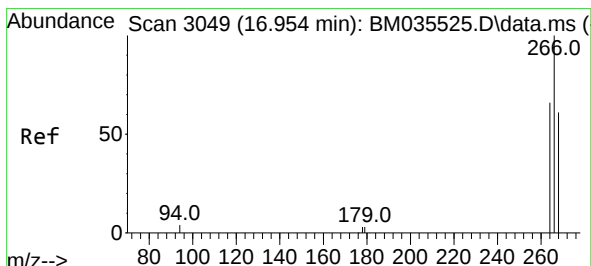
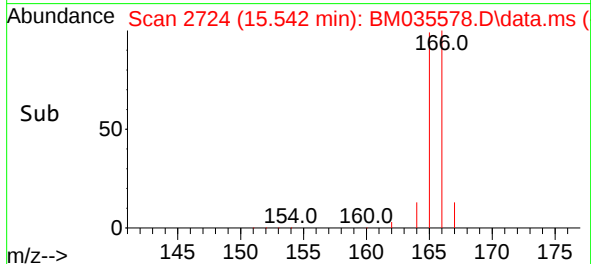
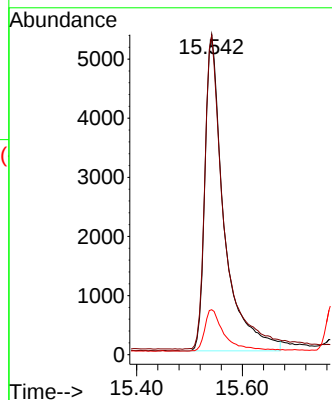
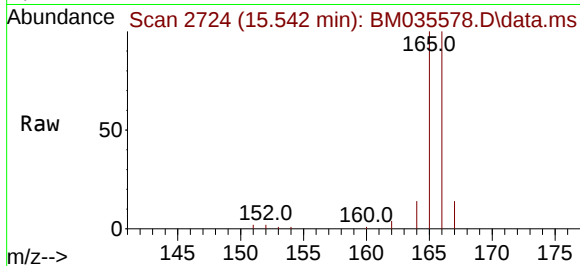




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.542 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

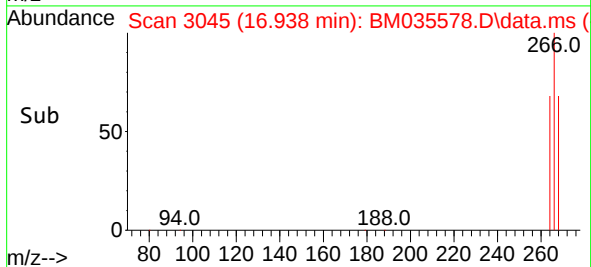
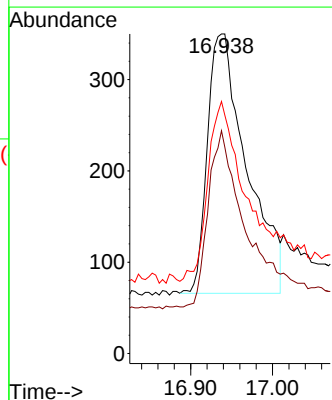
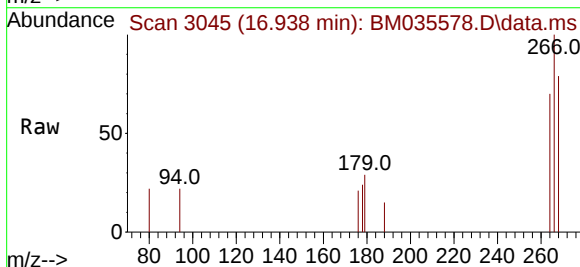
Instrument :
BNA_M
ClientSampleId :
SSTD0.4105

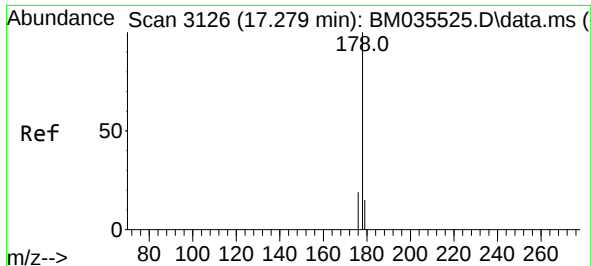
Tgt Ion:166 Resp: 13432
Ion Ratio Lower Upper
166 100
165 99.8 78.7 118.1
167 14.0 11.6 17.4



#14
Pentachlorophenol
Concen: 0.312 ng/ul
RT: 16.938 min Scan# 3045
Delta R.T. 0.008 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

Tgt Ion:266 Resp: 950
Ion Ratio Lower Upper
266 100
264 62.6 51.0 76.4
268 68.1 51.7 77.5

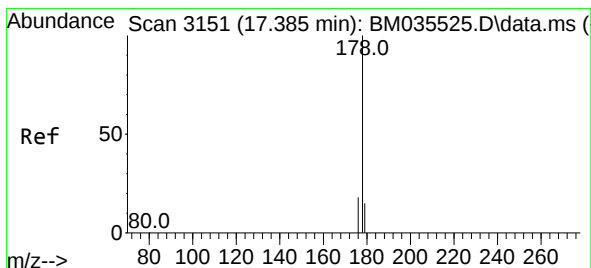
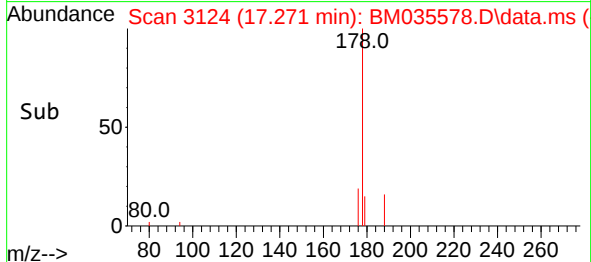
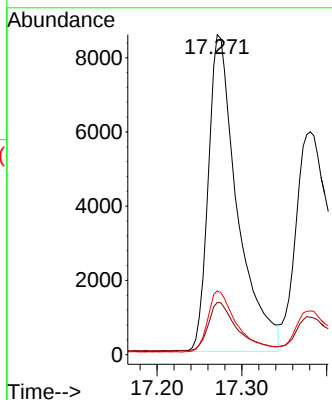
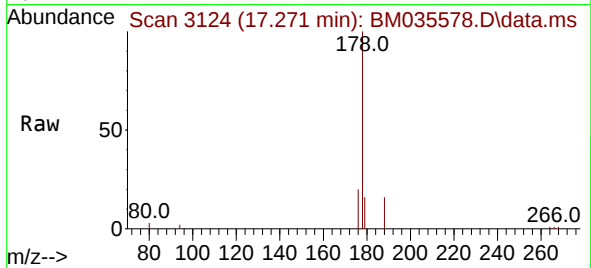




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.271 min Scan# 3124
Delta R.T. -0.001 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

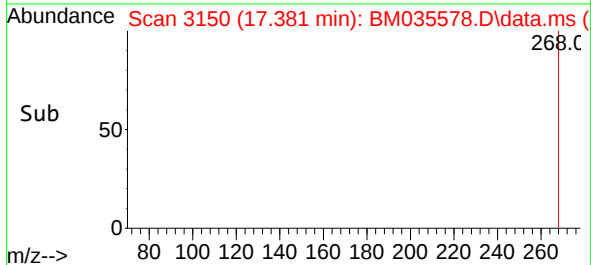
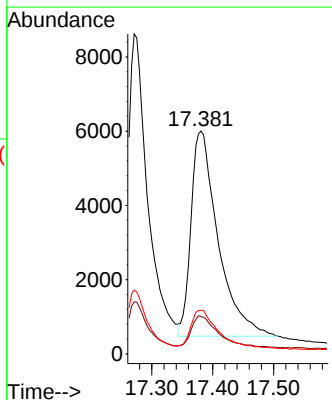
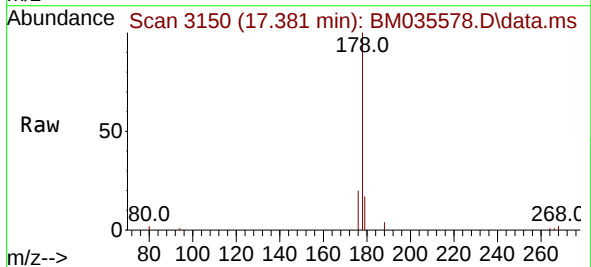
Instrument :
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ClientSampleId :
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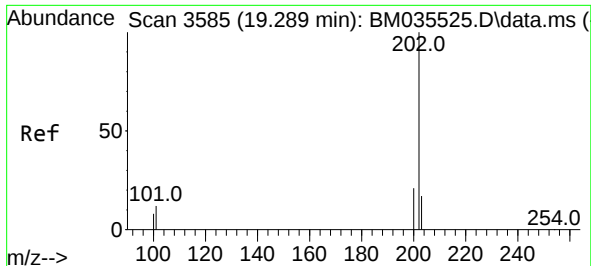
Tgt Ion:	178	Resp:	20273
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.2	19.8
176	19.9	16.2	24.4



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. 0.008 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

Tgt Ion:	178	Resp:	17130
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.4	20.0
176	19.6	15.9	23.9

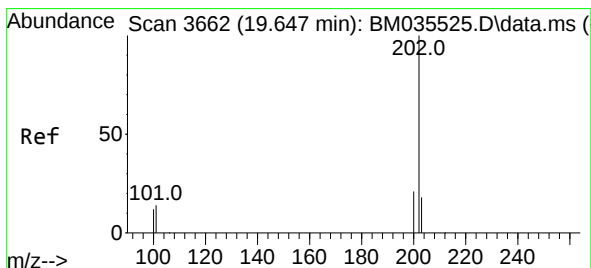
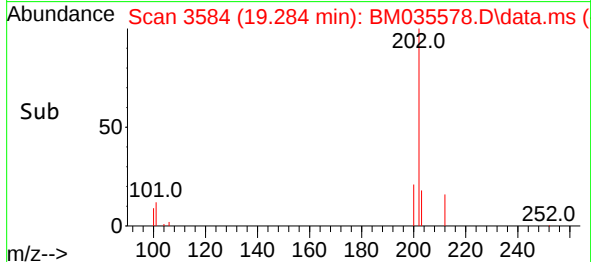
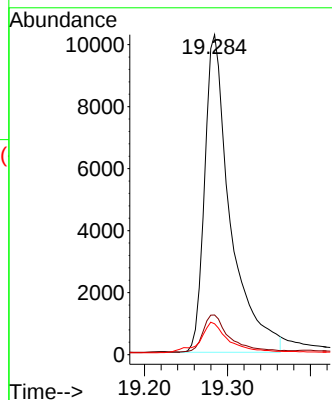
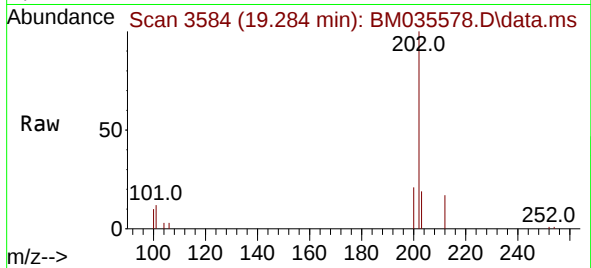




#19
Fluoranthene
Concen: 0.369 ng/ul
RT: 19.284 min Scan# 3584
Delta R.T. -0.001 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

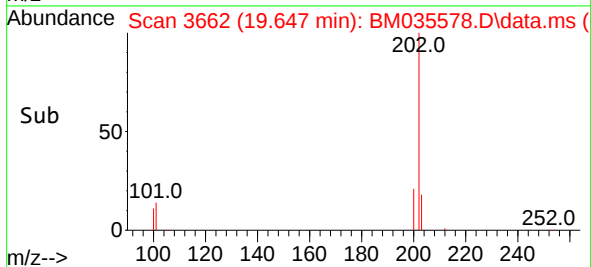
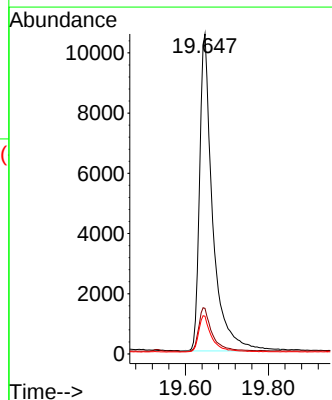
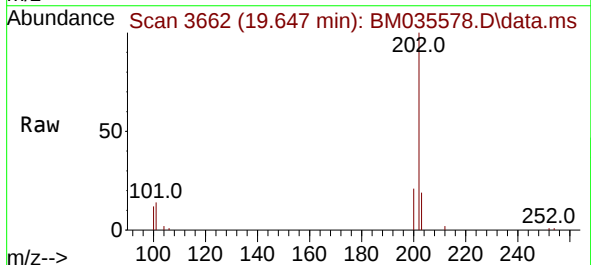
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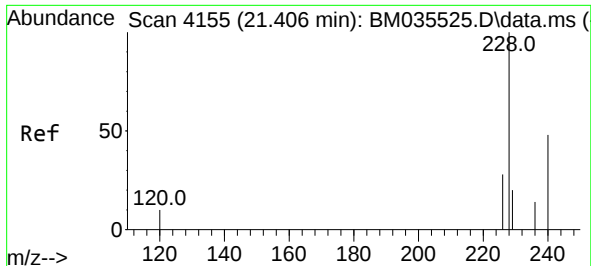
Tgt Ion:202 Resp: 22066
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 9.6 7.5 11.3



#20
Pyrene
Concen: 0.370 ng/ul
RT: 19.647 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

Tgt Ion:202 Resp: 23181
Ion Ratio Lower Upper
202 100
101 14.2 11.6 17.4
100 11.8 9.3 13.9

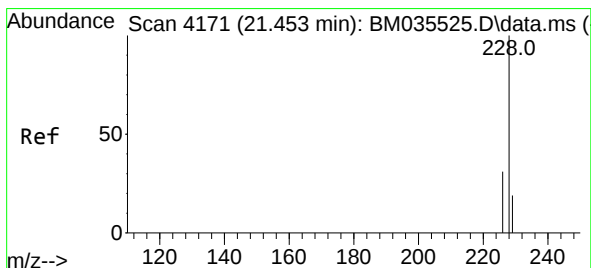
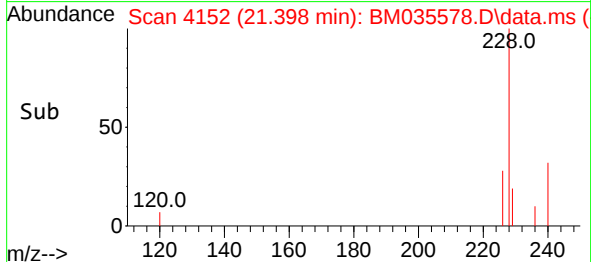
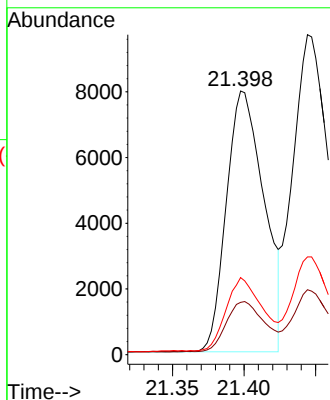
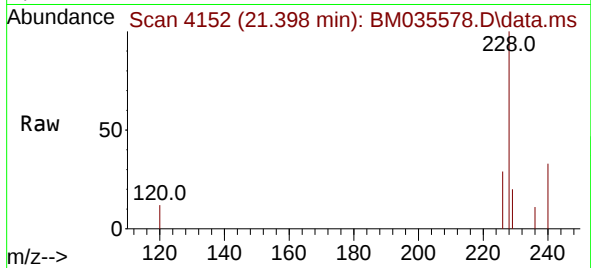




#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.398 min Scan# 4155
Delta R.T. -0.002 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

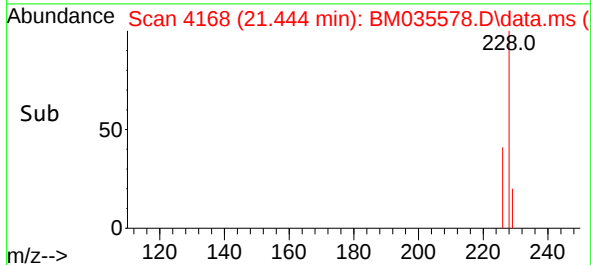
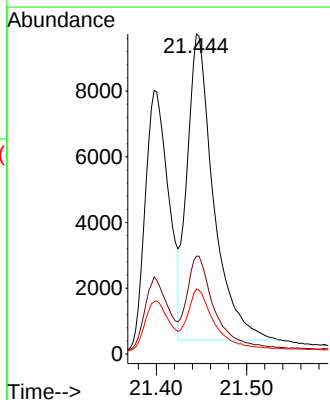
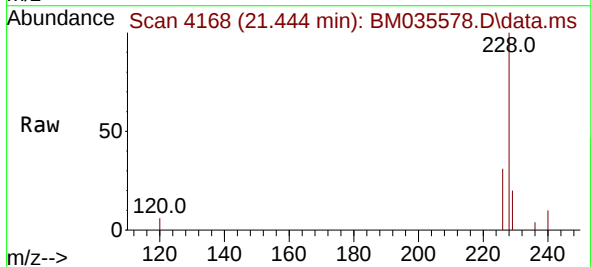
Instrument :
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ClientSampleId :
SSTD0.4105

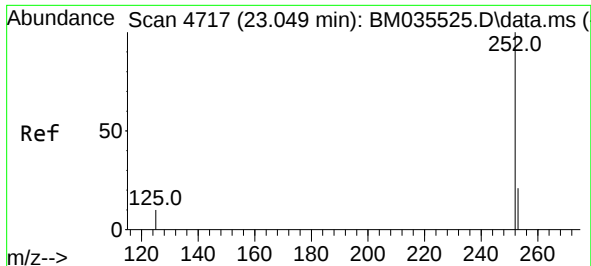
Tgt Ion:228 Resp: 14544
Ion Ratio Lower Upper
228 100
229 19.8 16.2 24.2
226 29.3 22.3 33.5



#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.444 min Scan# 4168
Delta R.T. -0.005 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

Tgt Ion:228 Resp: 18884
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 20.3 15.8 23.8

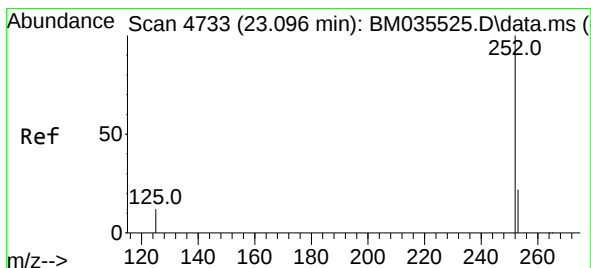
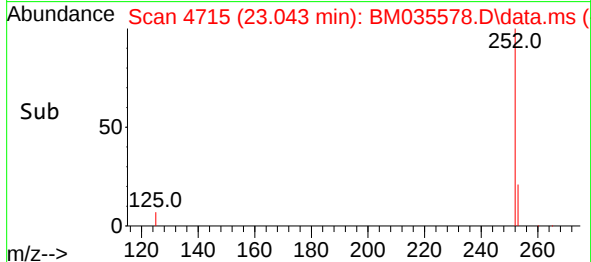
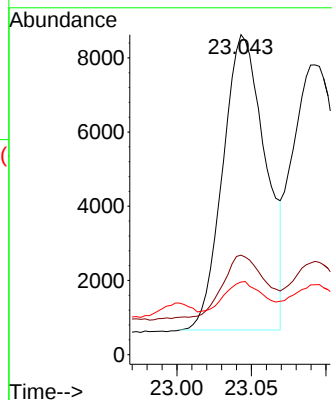
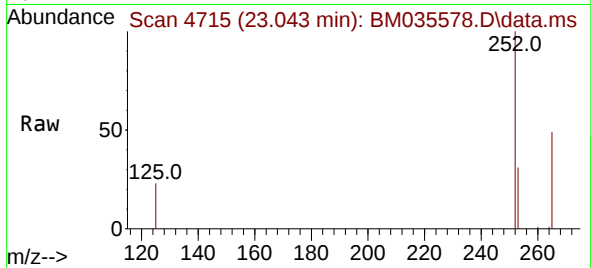




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.043 min Scan# 4715
Delta R.T. -0.008 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

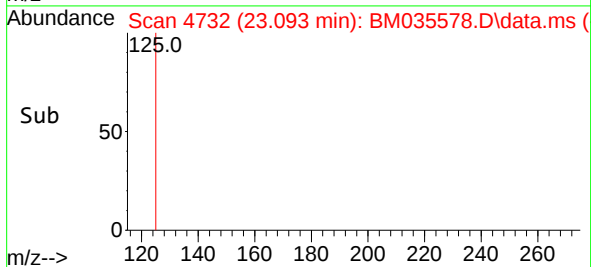
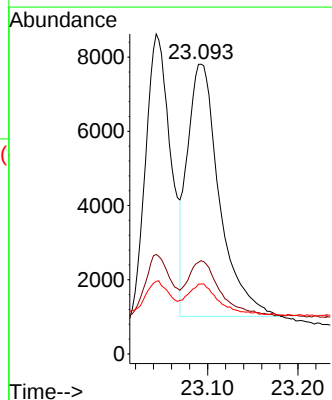
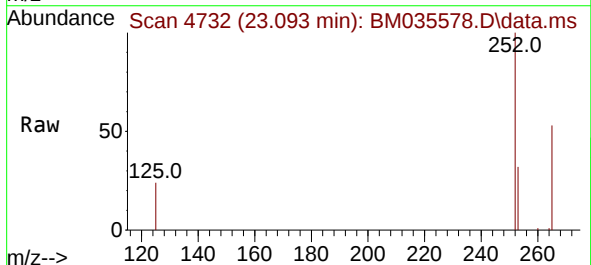
Instrument :
BNA_M
ClientSampleId :
SSTD0.4105

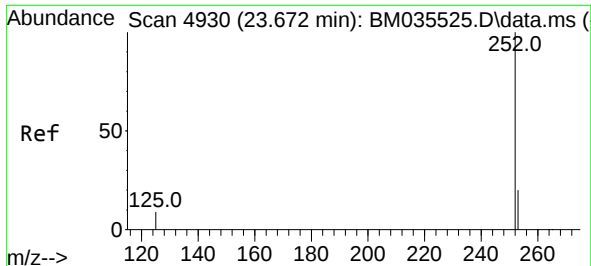
Tgt Ion:252 Resp: 15863
Ion Ratio Lower Upper
252 100
253 31.1 0.0 60.6
125 22.7 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.093 min Scan# 4732
Delta R.T. -0.005 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

Tgt Ion:252 Resp: 16770
Ion Ratio Lower Upper
252 100
253 32.2 24.7 37.1
125 24.1 18.2 27.4

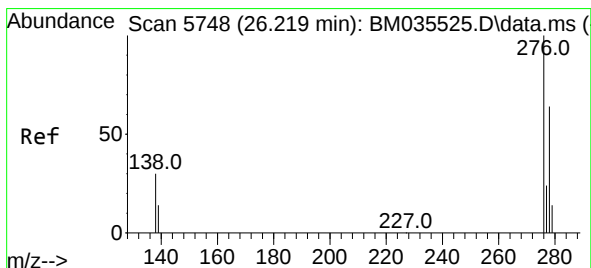
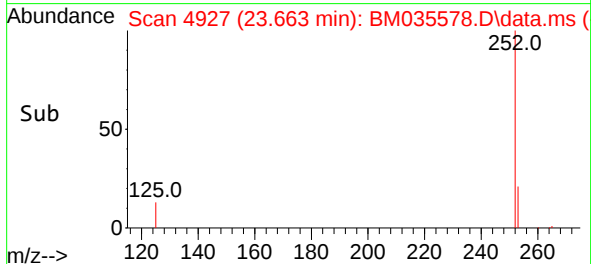
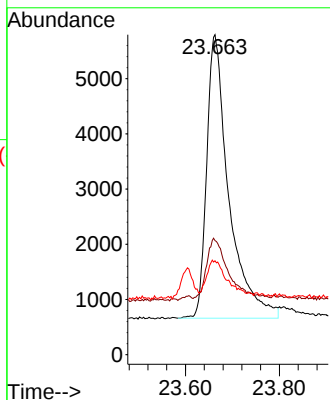
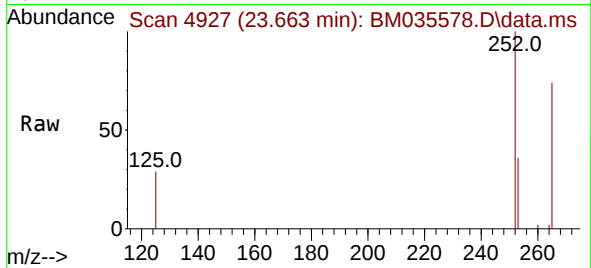




#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.663 min Scan# 4930
Delta R.T. -0.005 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

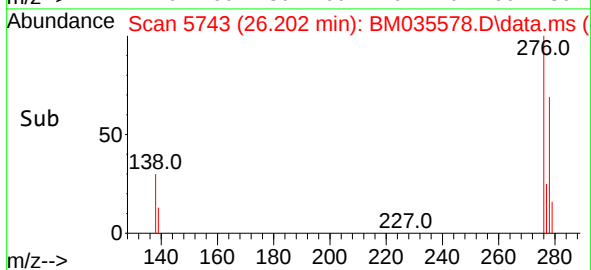
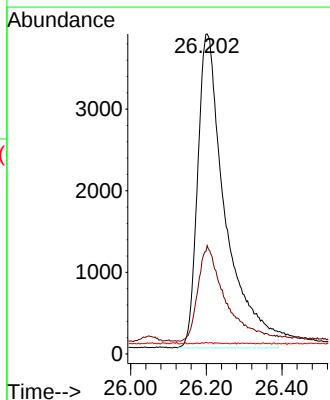
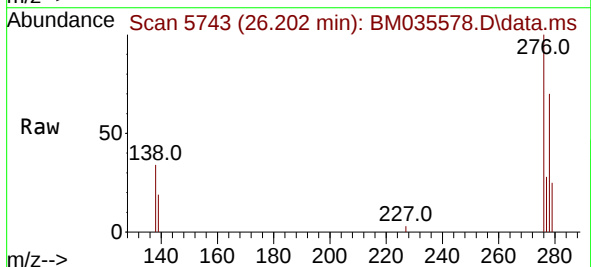
Instrument :
BNA_M
ClientSampleId :
SSTD0.4105

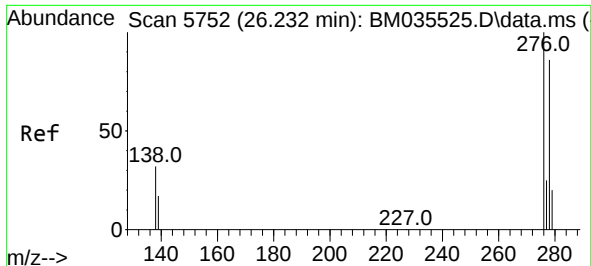
Tgt Ion:252 Resp: 16828
Ion Ratio Lower Upper
252 100
253 35.7 27.8 41.6
125 29.3 23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng/ul
RT: 26.202 min Scan# 5743
Delta R.T. -0.009 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

Tgt Ion:276 Resp: 19521
Ion Ratio Lower Upper
276 100
138 30.4 24.8 37.2
227 0.1 0.1 0.1#

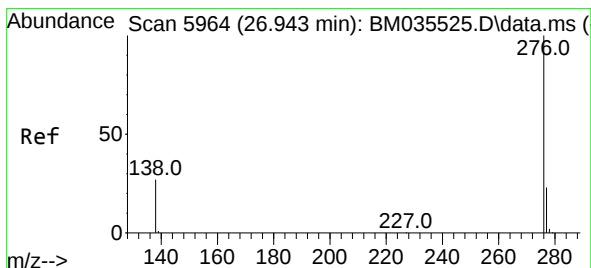
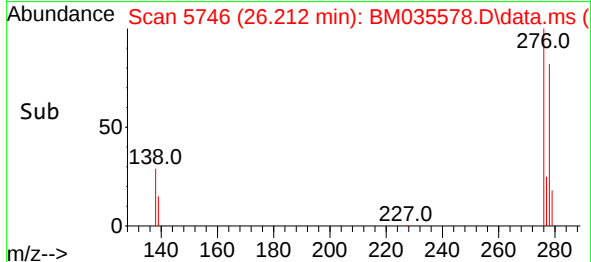
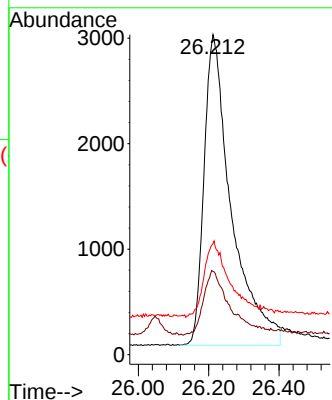
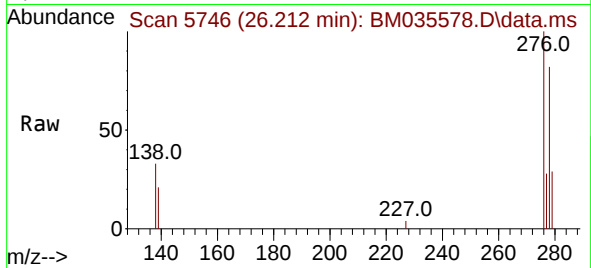




#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 26.212 min Scan# 51
Delta R.T. -0.009 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

Instrument :
BNA_M
ClientSampleId :
SSTD0.4105

Tgt Ion:278 Resp: 15904
Ion Ratio Lower Upper
278 100
139 26.0 19.1 28.7
279 34.7 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 26.936 min Scan# 5962
Delta R.T. -0.009 min
Lab File: BM035578.D
Acq: 21 Jun 2022 18:35

Tgt Ion:276 Resp: 17653
Ion Ratio Lower Upper
276 100
138 29.6 23.1 34.7
277 26.6 20.3 30.5

