

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BN051222\
 Data File : BM035019.D
 Acq On : 12 May 2022 15:13
 Operator : CG/JU
 Sample : SSTD0.237
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2037

Quant Time: May 12 17:19:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 17:18:03 2022
 Response via : Initial Calibration

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

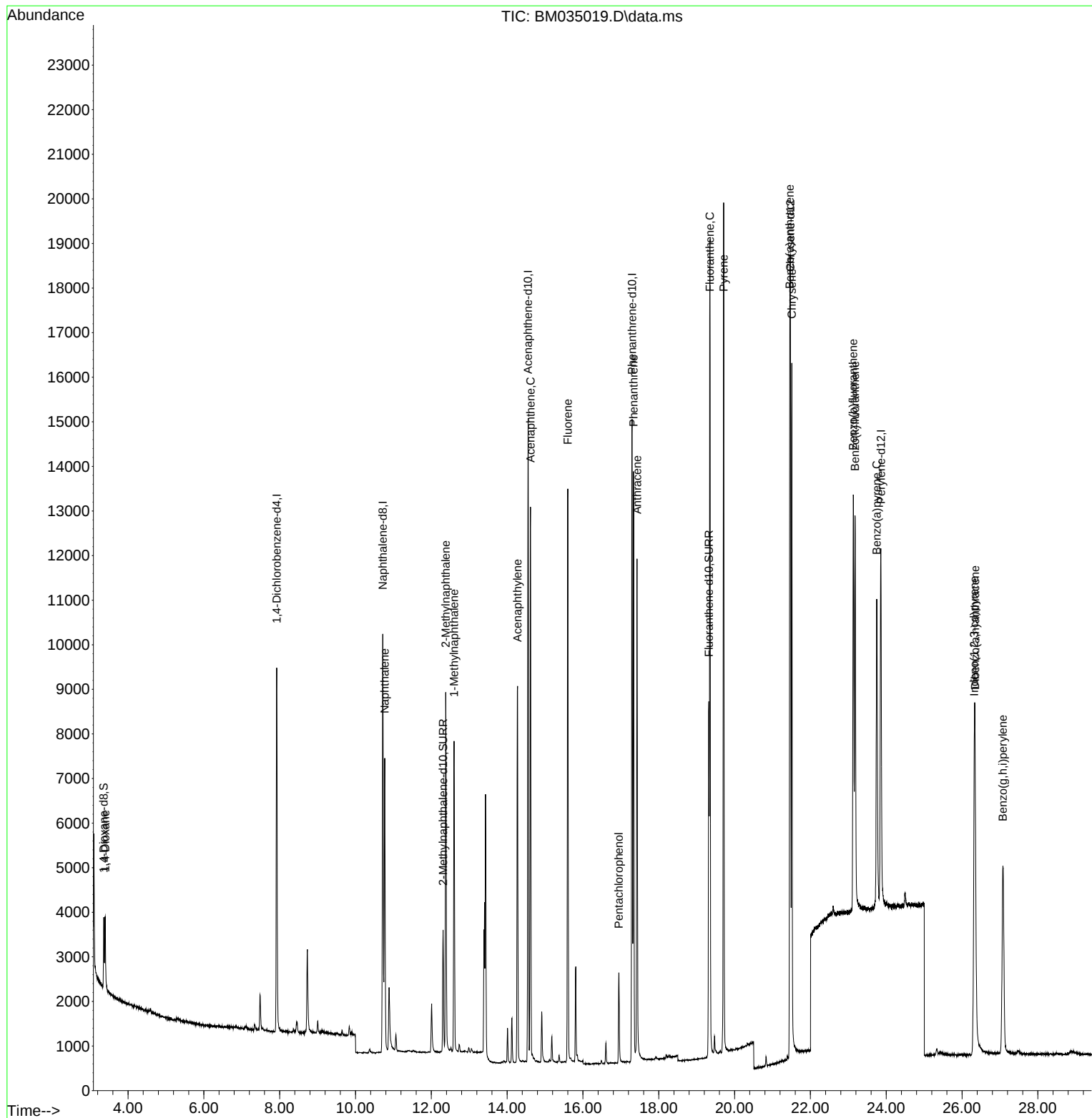
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4364	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	12651	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	7797	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	17090	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	12820	0.400	ng/ul #	0.00
23) Perylene-d12	23.859	264	11158	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	1043	0.216	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	3766	0.212	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	8546	0.211	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.398	88	956	0.208	ng/ul#	76
5) Naphthalene	10.770	128	9050	0.250	ng/ul#	89
7) 2-Methylnaphthalene	12.382	142	5912	0.246	ng/ul	100
8) 1-Methylnaphthalene	12.602	142	4785	0.203	ng/ul	100
10) Acenaphthylene	14.274	152	9882	0.290	ng/ul#	90
11) Acenaphthene	14.617	153	7160	0.248	ng/ul	95
12) Fluorene	15.602	166	8372	0.258	ng/ul#	97
14) Pentachlorophenol	16.946	266	1473	0.291	ng/ul	97
15) Phenanthrene	17.334	178	13991	0.248	ng/ul	95
16) Anthracene	17.427	178	12549	0.249	ng/ul#	92
19) Fluoranthene	19.349	202	15851	0.258	ng/ul	99
20) Pyrene	19.712	202	16192	0.262	ng/ul	98
21) Benzo(a)anthracene	21.456	228	12695	0.255	ng/ul	98
22) Chrysene	21.508	228	13368	0.251	ng/ul	99
24) Benzo(b)fluoranthene	23.131	252	12610	0.248	ng/ul	91
25) Benzo(k)fluoranthene	23.177	252	12031	0.236	ng/ul#	91
26) Benzo(a)pyrene	23.750	252	11469	0.276	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.323	276	11229	0.192	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.343	278	8878	0.187	ng/ul	94
29) Benzo(g,h,i)perylene	27.077	276	9772	0.194	ng/ul#	92

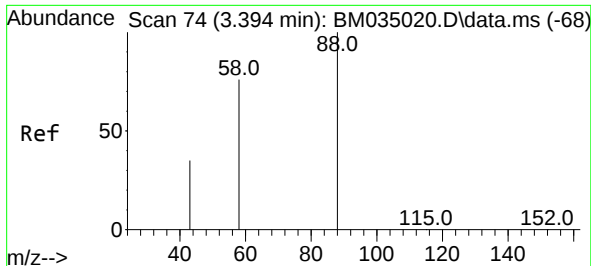
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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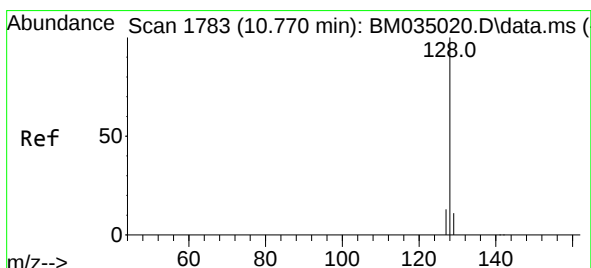
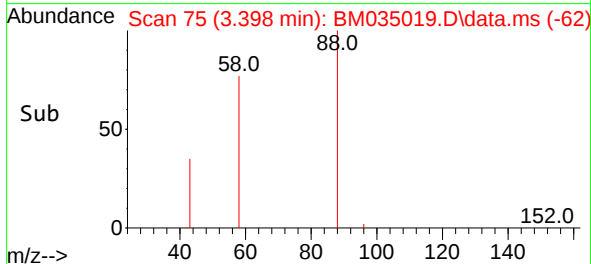
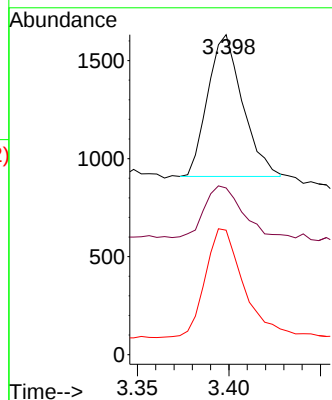
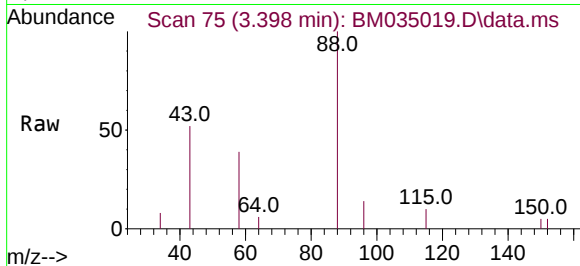




#2
1,4-Dioxane
Concen: 0.208 ng/ul
RT: 3.398 min Scan# 74
Delta R.T. 0.004 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

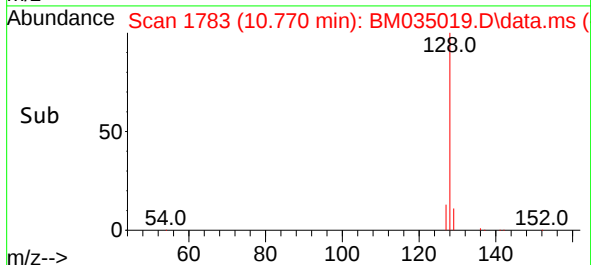
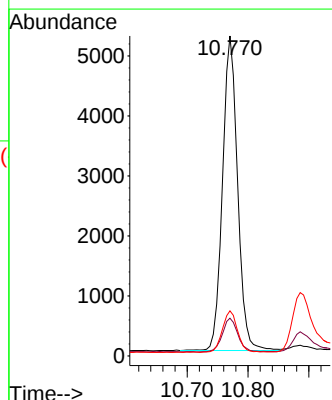
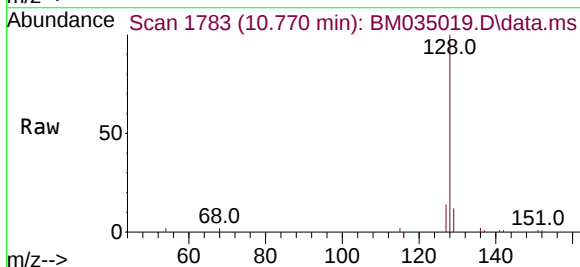
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

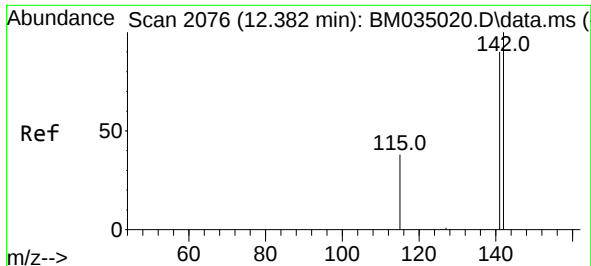
Tgt Ion: 88 Resp: 956
Ion Ratio Lower Upper
88 100
43 52.1 49.7 74.5
58 38.9 52.5 78.7#



#5
Naphthalene
Concen: 0.250 ng/ul
RT: 10.770 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

Tgt Ion: 128 Resp: 9050
Ion Ratio Lower Upper
128 100
129 11.8 13.4 20.2#
127 14.1 15.2 22.8#

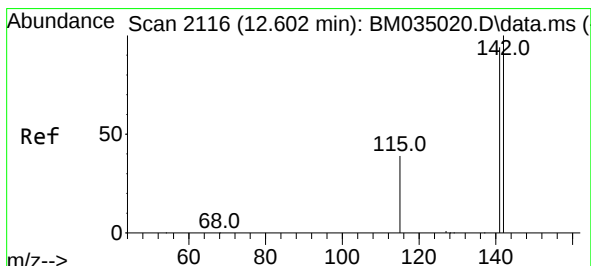
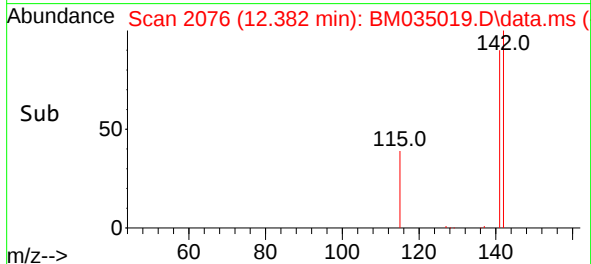
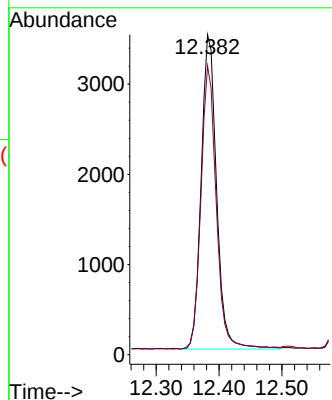
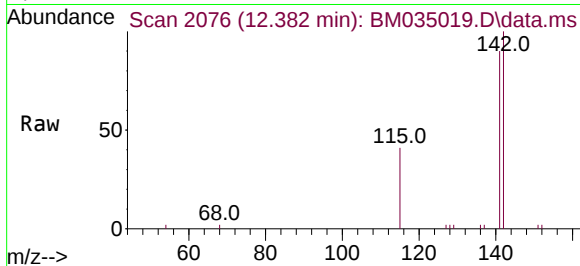




#7
2-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

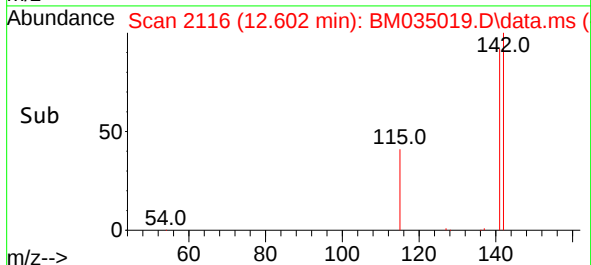
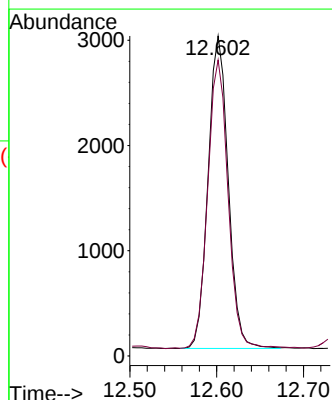
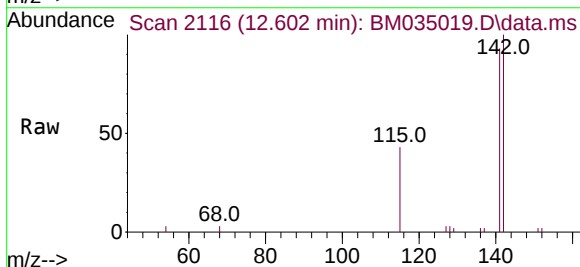
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

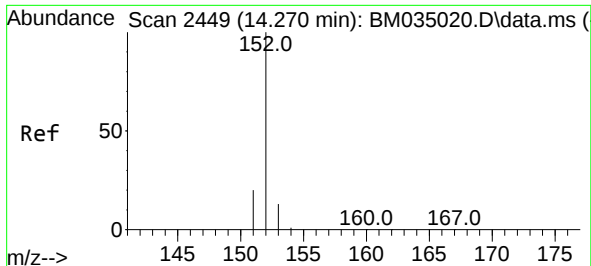
Tgt Ion:142 Resp: 5912
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

Tgt Ion:142 Resp: 4785
Ion Ratio Lower Upper
142 100
141 93.8 75.0 112.4

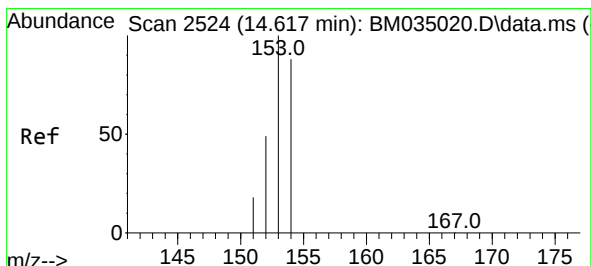
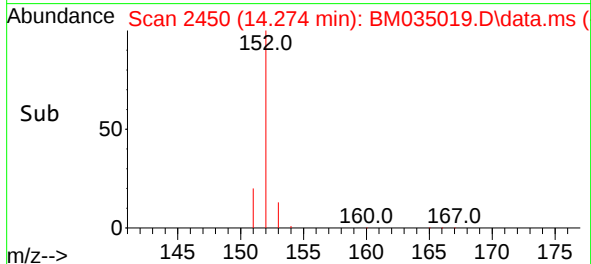
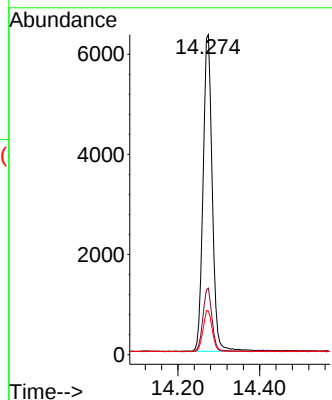
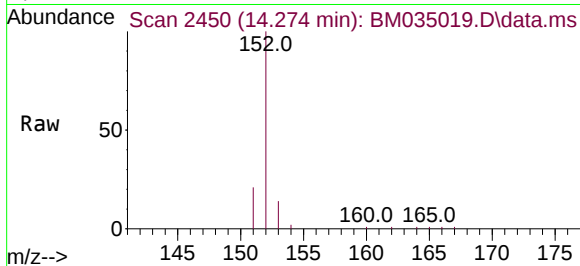




#10
Acenaphthylene
Concen: 0.290 ng/ul
RT: 14.274 min Scan# 2449
Delta R.T. 0.005 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

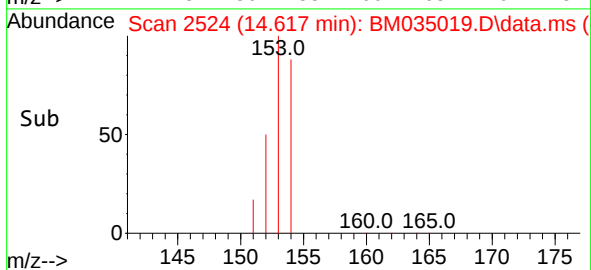
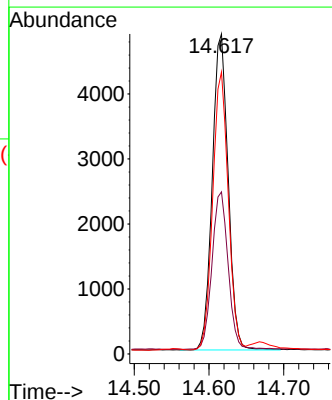
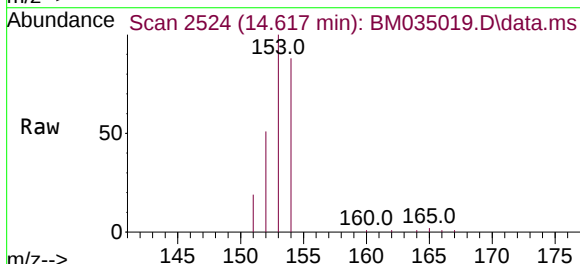
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

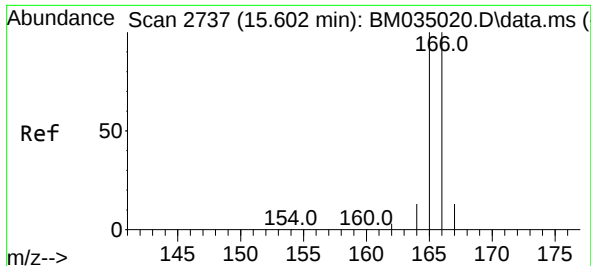
Tgt Ion:152 Resp: 9882
Ion Ratio Lower Upper
152 100
151 20.8 19.9 29.9
153 13.6 15.0 22.4#



#11
Acenaphthene
Concen: 0.248 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

Tgt Ion:153 Resp: 7160
Ion Ratio Lower Upper
153 100
152 50.7 42.4 63.6
154 88.1 66.2 99.2

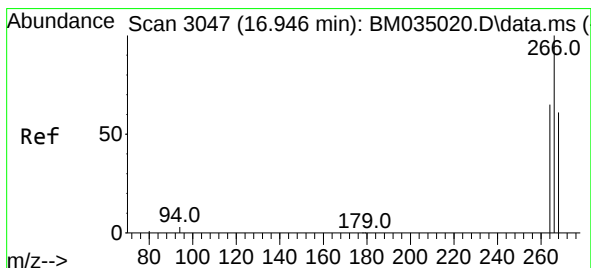
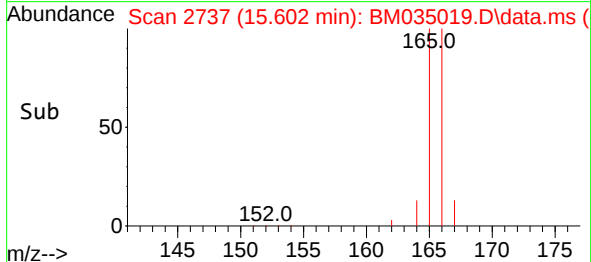
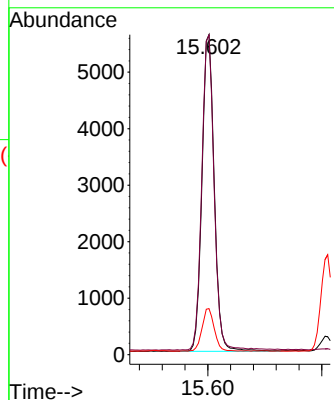
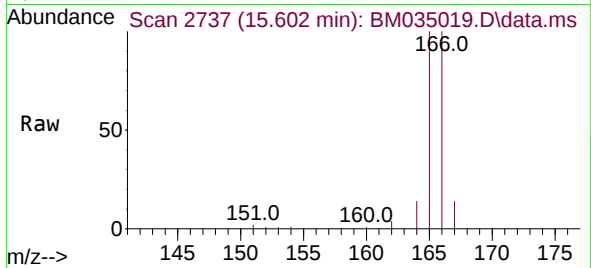




#12
Fluorene
Concen: 0.258 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

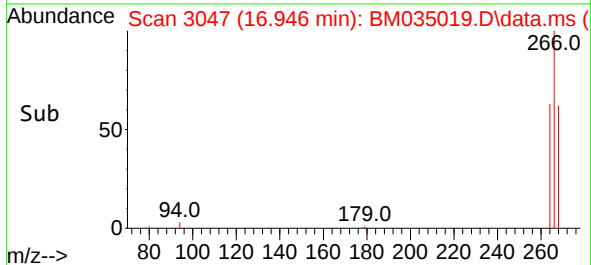
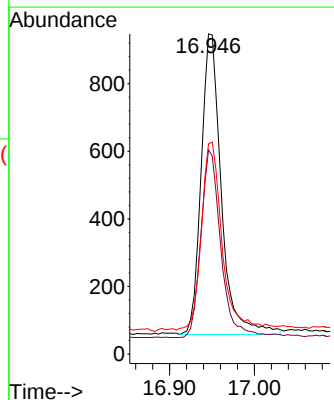
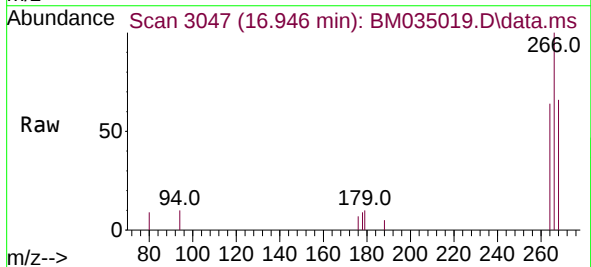
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

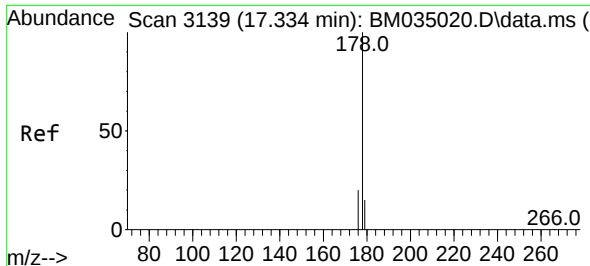
Tgt Ion:166 Resp: 8372
Ion Ratio Lower Upper
166 100
165 99.9 81.1 121.7
167 14.4 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.291 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

Tgt Ion:266 Resp: 1473
Ion Ratio Lower Upper
266 100
264 62.0 51.4 77.0
268 64.3 53.1 79.7

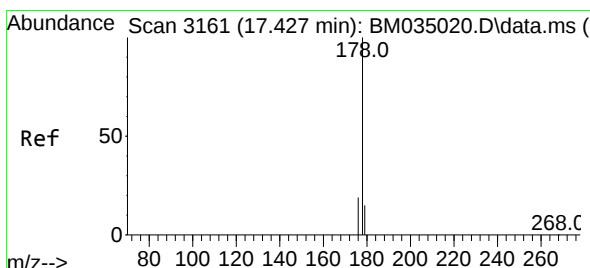
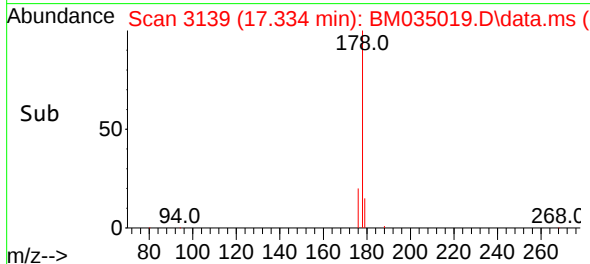
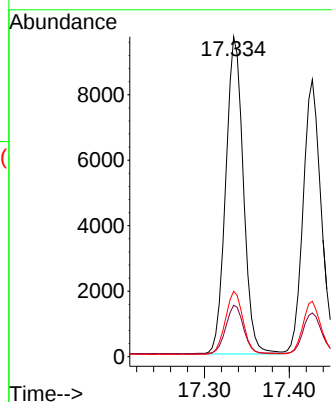
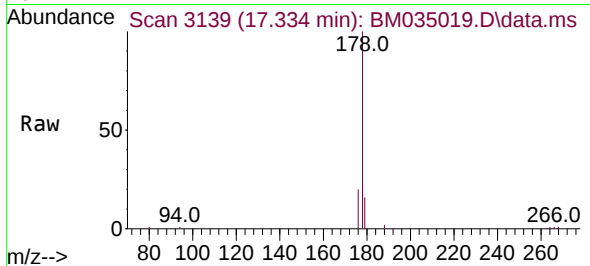




#15
Phenanthrene
Concen: 0.248 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

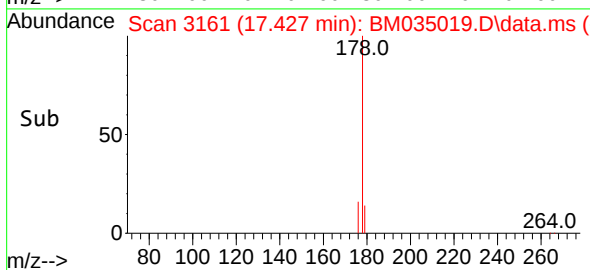
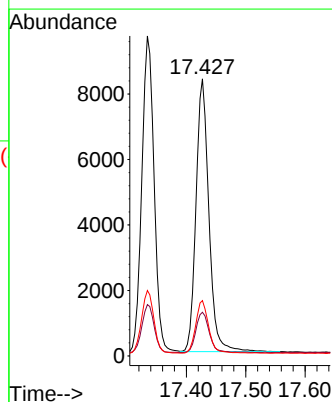
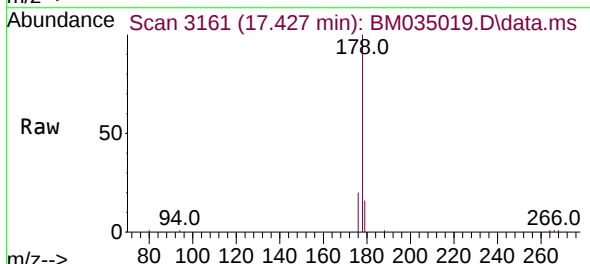
Instrument :
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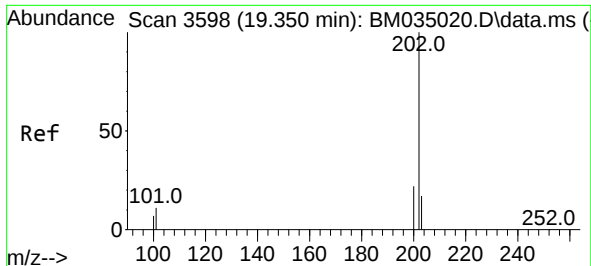
Tgt Ion:178 Resp: 13991
Ion Ratio Lower Upper
178 100
179 16.1 15.0 22.6
176 20.4 17.9 26.9



#16
Anthracene
Concen: 0.249 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

Tgt Ion:178 Resp: 12549
Ion Ratio Lower Upper
178 100
179 15.7 16.5 24.7#
176 20.0 18.3 27.5

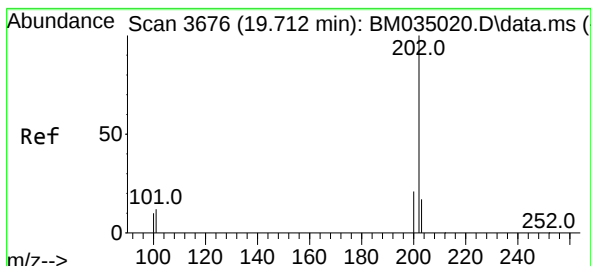
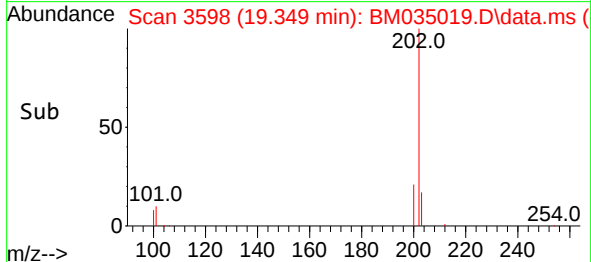
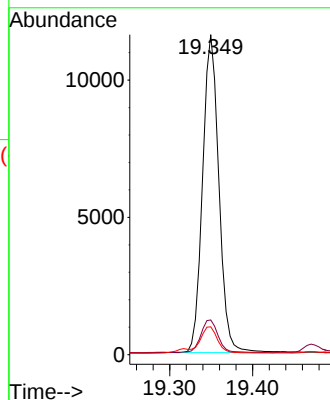
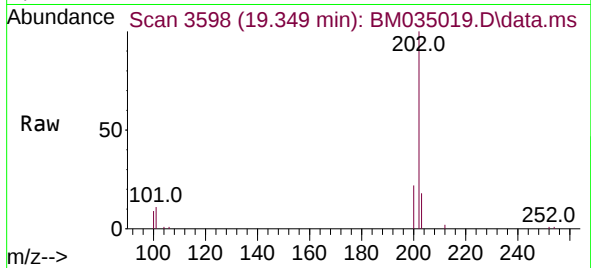




#19
Fluoranthene
Concen: 0.258 ng/ul
RT: 19.349 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

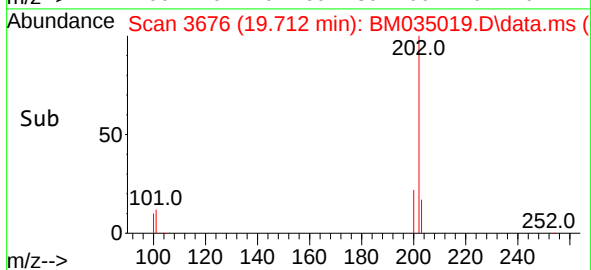
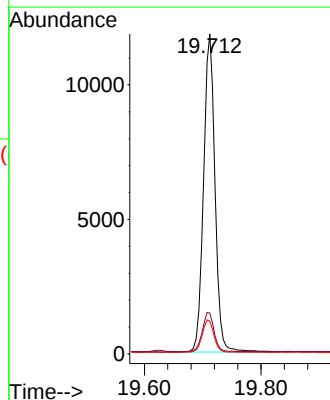
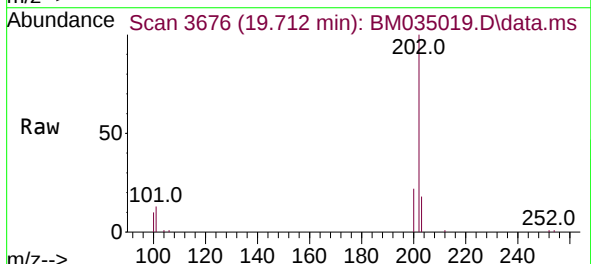
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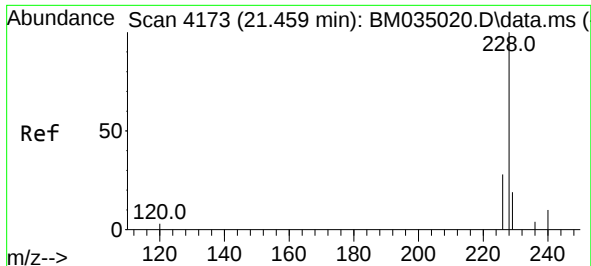
Tgt Ion:202 Resp: 15851
Ion Ratio Lower Upper
202 100
101 10.8 9.2 13.8
100 8.7 7.2 10.8



#20
Pyrene
Concen: 0.262 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

Tgt Ion:202 Resp: 16192
Ion Ratio Lower Upper
202 100
101 12.8 9.3 13.9
100 10.3 7.8 11.6

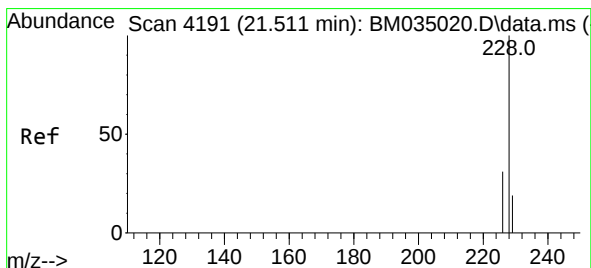
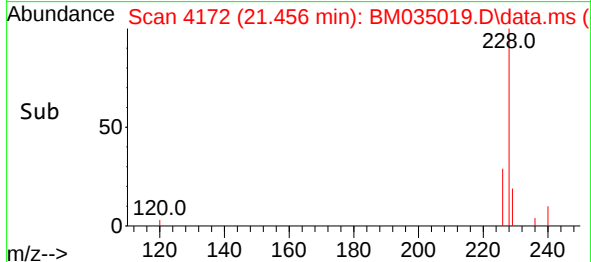
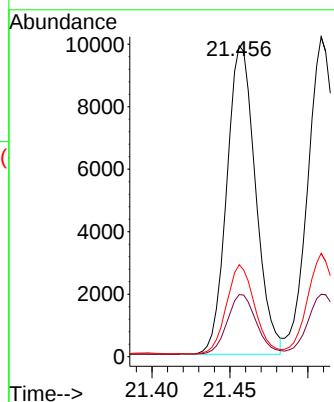
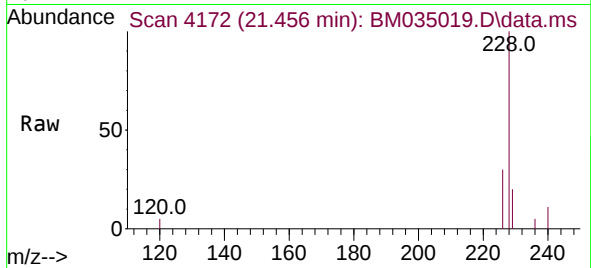




#21
Benzo(a)anthracene
Concen: 0.255 ng/ul
RT: 21.456 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

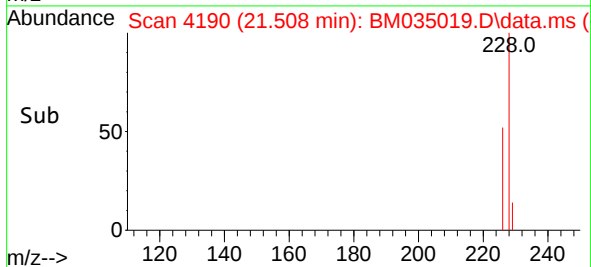
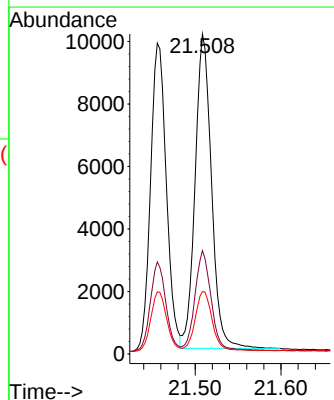
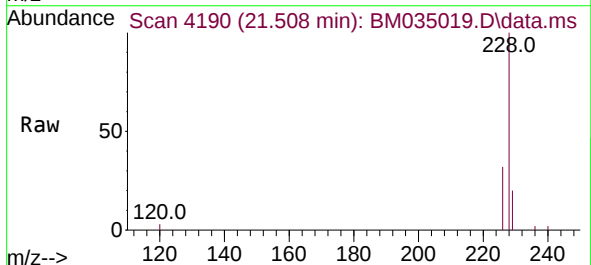
Instrument :
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ClientSampleId :
SSTD0.2037

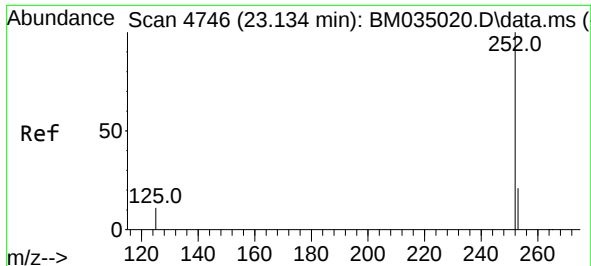
Tgt Ion:228 Resp: 12695
Ion Ratio Lower Upper
228 100
229 20.0 17.3 25.9
226 29.6 23.2 34.8



#22
Chrysene
Concen: 0.251 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

Tgt Ion:228 Resp: 13368
Ion Ratio Lower Upper
228 100
226 32.3 25.8 38.8
229 19.5 16.7 25.1

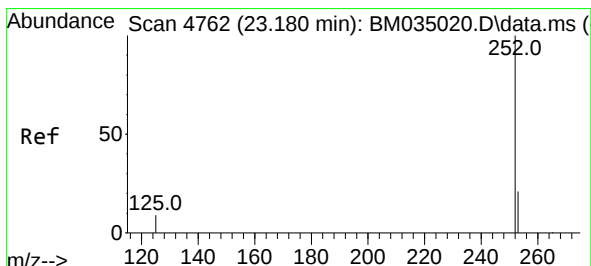
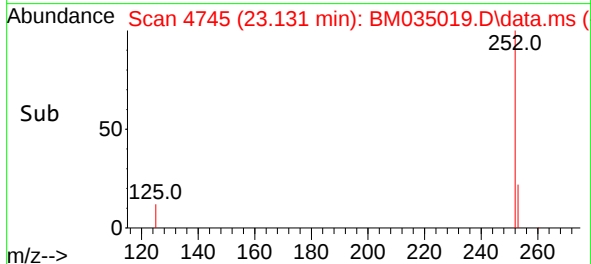
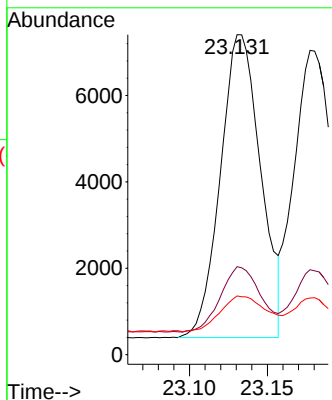
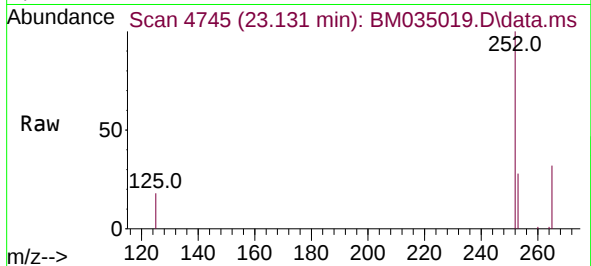




#24
Benzo(b)fluoranthene
Concen: 0.248 ng/ul
RT: 23.131 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

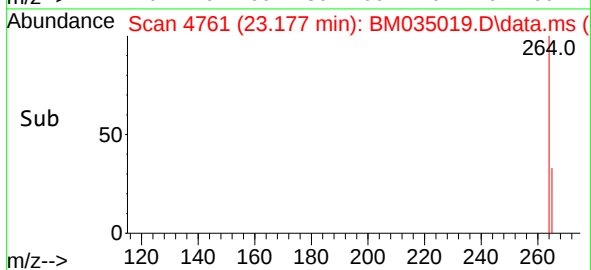
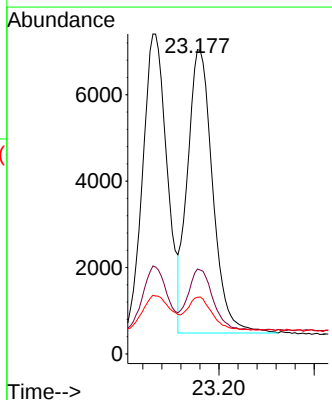
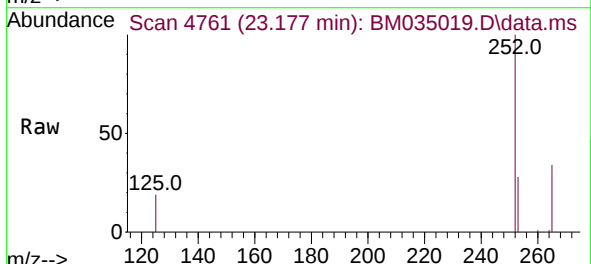
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

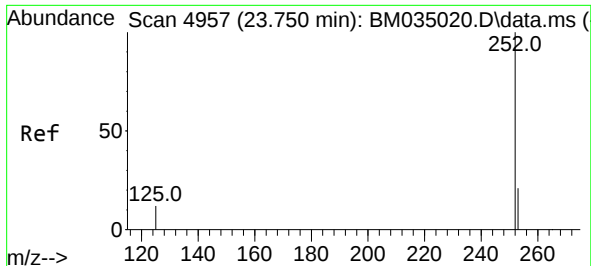
Tgt Ion:252	Resp:	12610
Ion Ratio	Lower	Upper
252	100	
253	27.5	0.0 64.2
125	18.4	0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.236 ng/ul
RT: 23.177 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

Tgt Ion:252	Resp:	12031
Ion Ratio	Lower	Upper
252	100	
253	27.9	26.8 40.2
125	18.6	12.0 18.0#

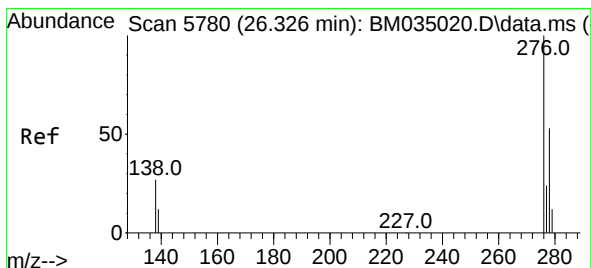
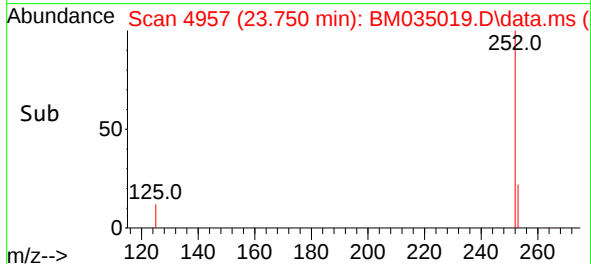
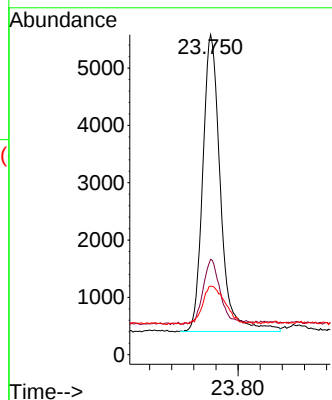
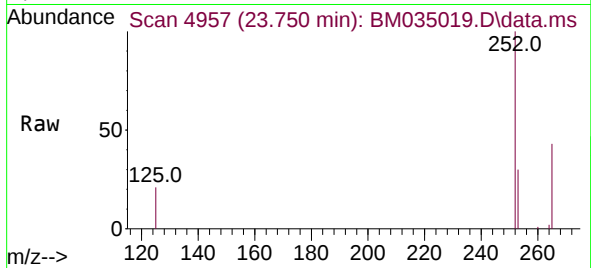




#26
Benzo(a)pyrene
Concen: 0.276 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

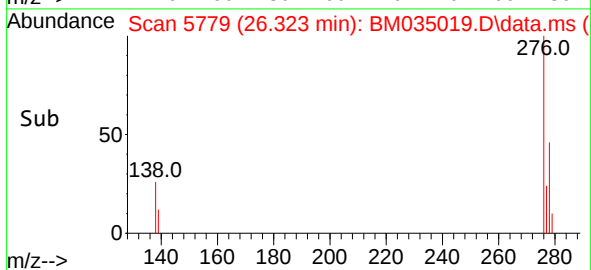
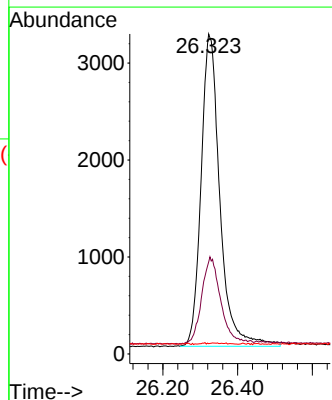
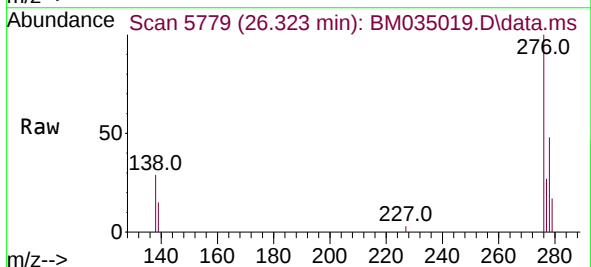
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

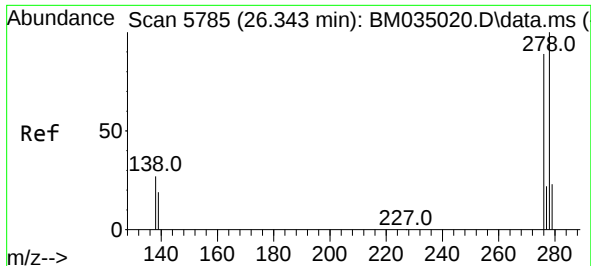
Tgt Ion:252 Resp: 11469
Ion Ratio Lower Upper
252 100
253 29.8 32.0 48.0#
125 21.4 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

Tgt Ion:276 Resp: 11229
Ion Ratio Lower Upper
276 100
138 28.4 15.8 23.6#
227 0.1 0.0 0.0#

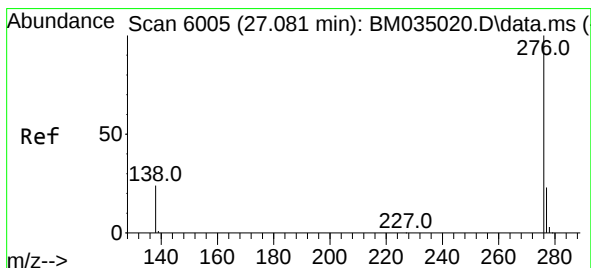
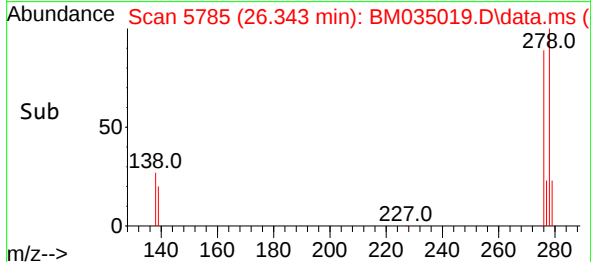
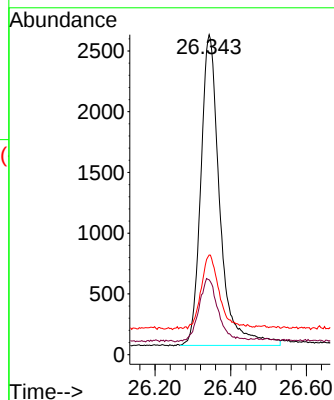
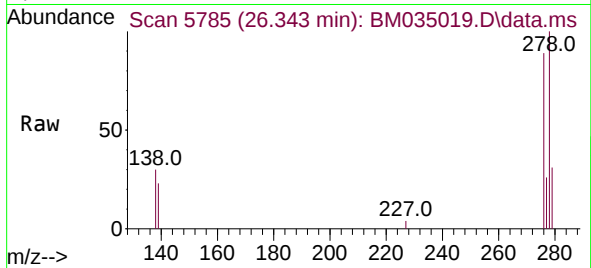




#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.343 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:278 Resp: 8878
Ion Ratio Lower Upper
278 100
139 23.4 18.0 27.0
279 31.1 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.194 ng/ul
RT: 27.077 min Scan# 6004
Delta R.T. -0.003 min
Lab File: BM035019.D
Acq: 12 May 2022 15:13

Tgt Ion:276 Resp: 9772
Ion Ratio Lower Upper
276 100
138 27.8 17.4 26.0#
277 26.1 22.6 33.8

