

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BN051222\
 Data File : BM035018.D
 Acq On : 12 May 2022 14:36
 Operator : CG/JU
 Sample : SST0.136
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1036

Quant Time: May 12 17:19:23 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)

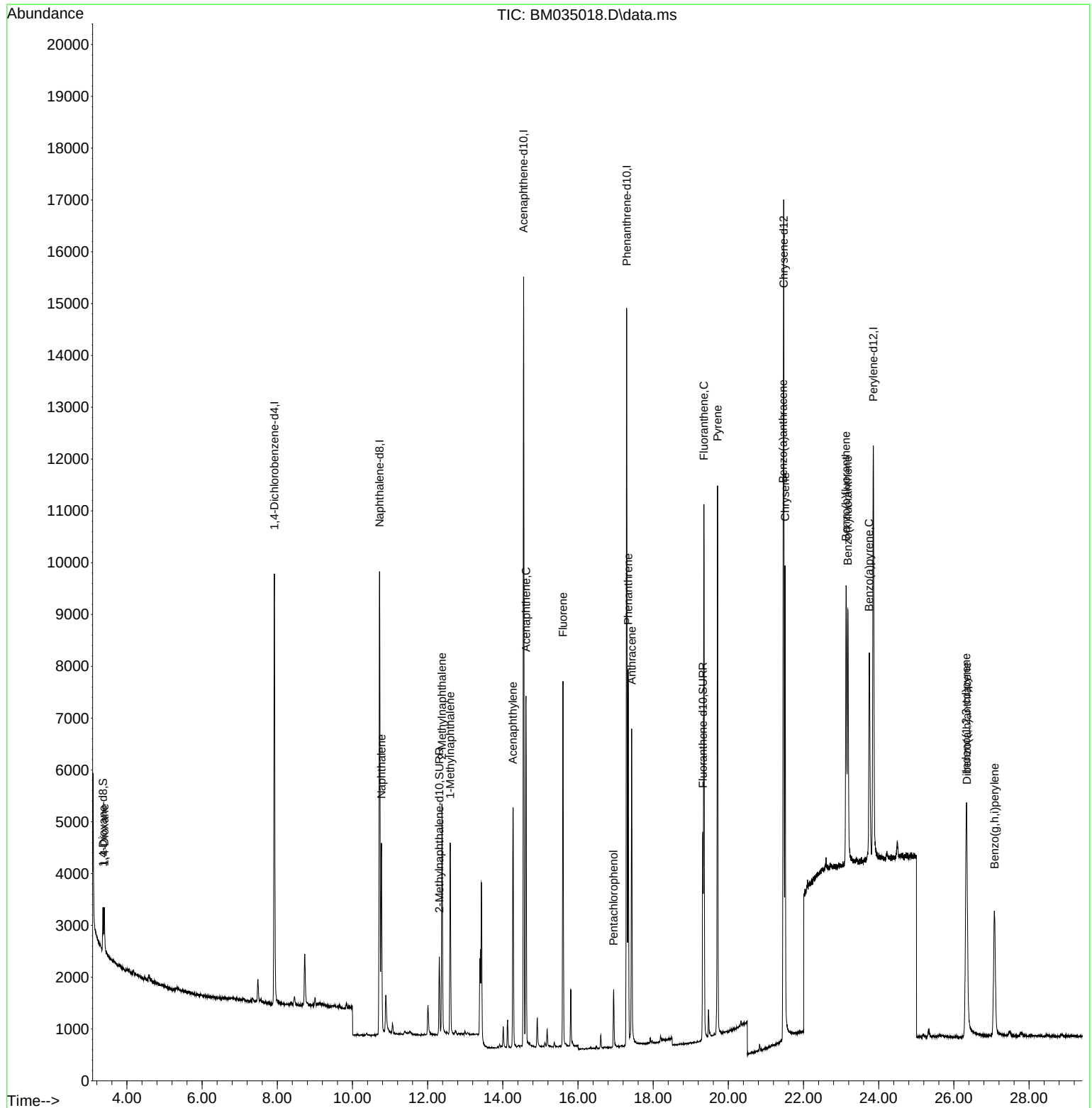
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4486	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	12828	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	7781	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	16825	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	12912	0.400	ng/ul #	0.00
23) Perylene-d12	23.855	264	11353	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	584	0.118	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	2029	0.113	ng/ul	0.00
18) Fluoranthene-d10	19.321	212	4413	0.108	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	494	0.105	ng/ul#	73
5) Naphthalene	10.771	128	5070	0.138	ng/ul#	91
7) 2-Methylnaphthalene	12.382	142	3244	0.133	ng/ul	98
8) 1-Methylnaphthalene	12.602	142	2578	0.108	ng/ul	98
10) Acenaphthylene	14.270	152	5438	0.160	ng/ul#	92
11) Acenaphthene	14.617	153	3942	0.137	ng/ul	95
12) Fluorene	15.602	166	4541	0.140	ng/ul	98
14) Pentachlorophenol	16.950	266	801	0.160	ng/ul	98
15) Phenanthrene	17.334	178	7667	0.138	ng/ul	96
16) Anthracene	17.427	178	6888	0.139	ng/ul	94
19) Fluoranthene	19.349	202	8773	0.142	ng/ul	99
20) Pyrene	19.712	202	9127	0.147	ng/ul	96
21) Benzo(a)anthracene	21.456	228	7322	0.146	ng/ul	97
22) Chrysene	21.508	228	7631	0.142	ng/ul	99
24) Benzo(b)fluoranthene	23.130	252	7237	0.140	ng/ul	93
25) Benzo(k)fluoranthene	23.177	252	6818	0.132	ng/ul#	91
26) Benzo(a)pyrene	23.747	252	6552	0.155	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.326	276	6437	0.108	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.346	278	5049	0.104	ng/ul#	91
29) Benzo(g,h,i)perylene	27.080	276	5620	0.110	ng/ul#	93

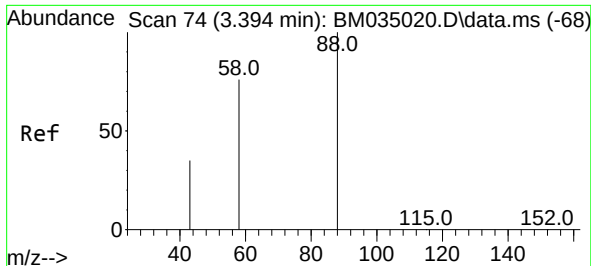
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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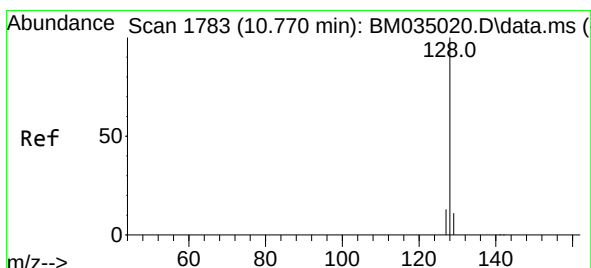
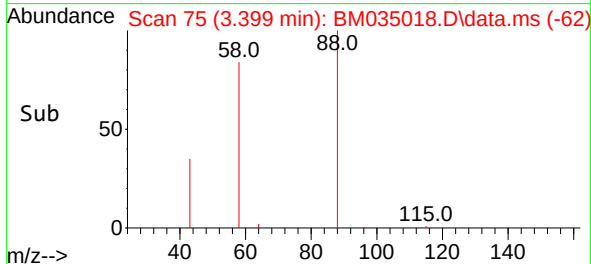
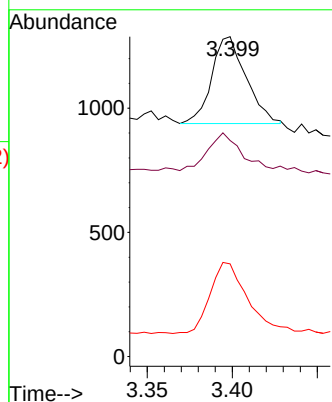
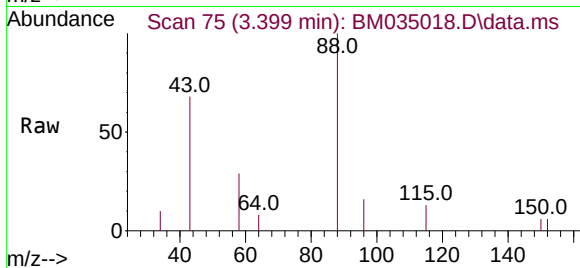




#2
 1,4-Dioxane
 Concen: 0.105 ng/ul
 RT: 3.399 min Scan# 74
 Delta R.T. 0.004 min
 Lab File: BM035018.D
 Acq: 12 May 2022 14:36

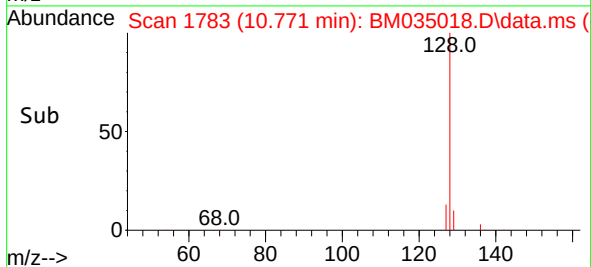
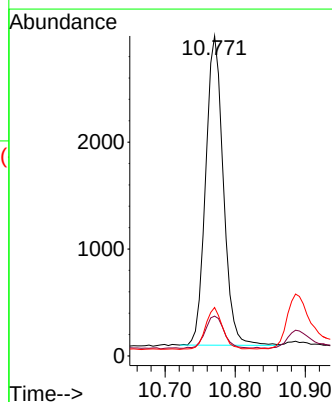
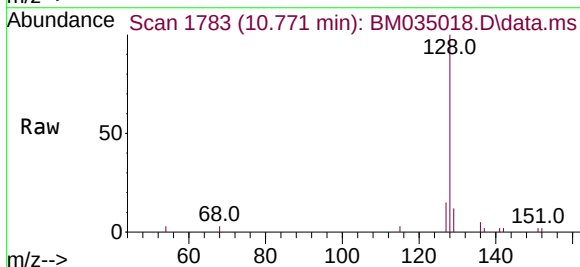
Instrument :
 BNA_M
 ClientSampleId :
 SST00.1036

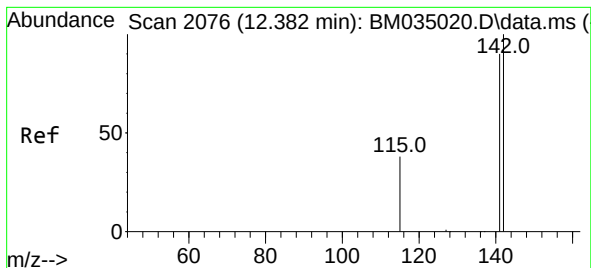
Tgt Ion: 88 Resp: 494
 Ion Ratio Lower Upper
 88 100
 43 67.5 49.7 74.5
 58 29.0 52.5 78.7#



#5
 Naphthalene
 Concen: 0.138 ng/ul
 RT: 10.771 min Scan# 1783
 Delta R.T. 0.000 min
 Lab File: BM035018.D
 Acq: 12 May 2022 14:36

Tgt Ion: 128 Resp: 5070
 Ion Ratio Lower Upper
 128 100
 129 12.5 13.4 20.2#
 127 15.1 15.2 22.8#

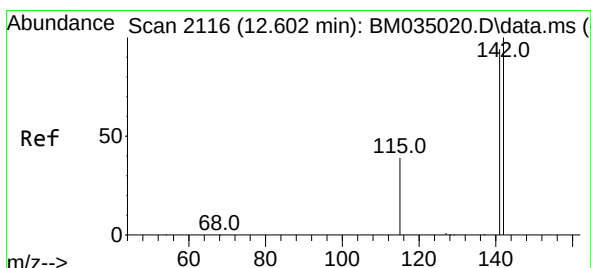
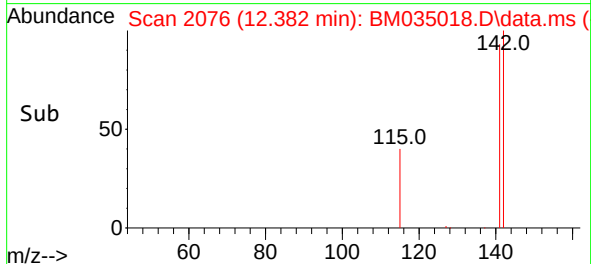
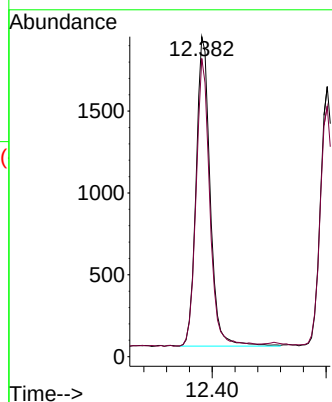
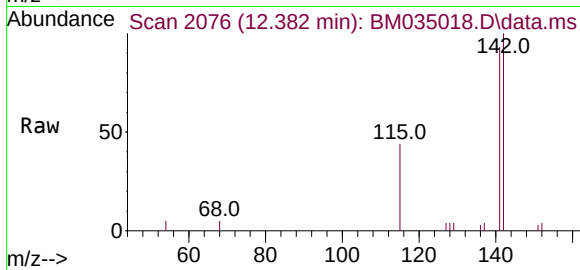




#7
2-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

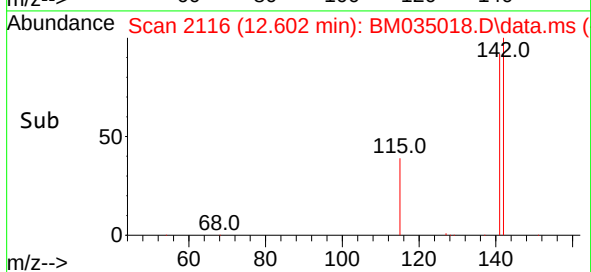
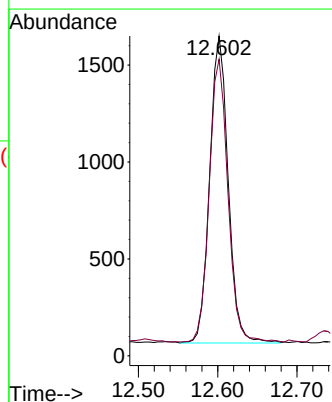
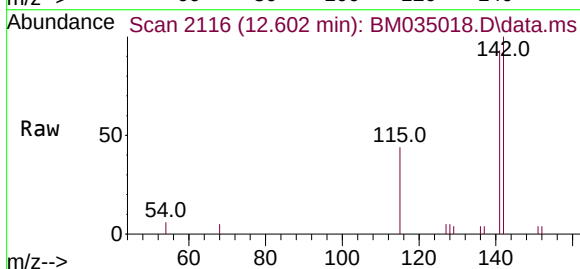
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

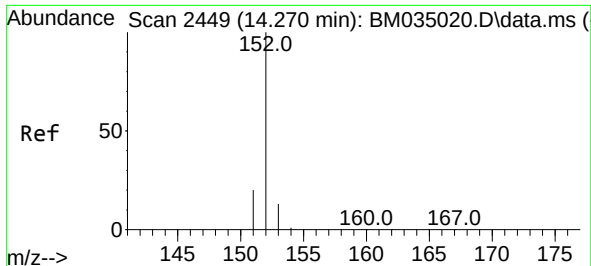
Tgt Ion:142 Resp: 3244
Ion Ratio Lower Upper
142 100
141 91.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

Tgt Ion:142 Resp: 2578
Ion Ratio Lower Upper
142 100
141 92.2 75.0 112.4

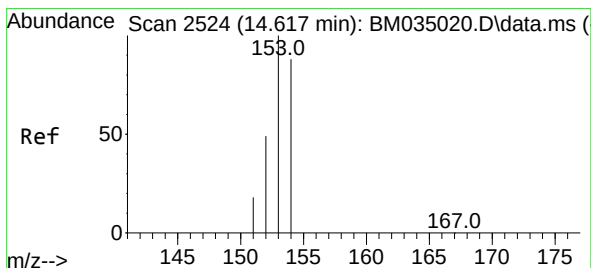
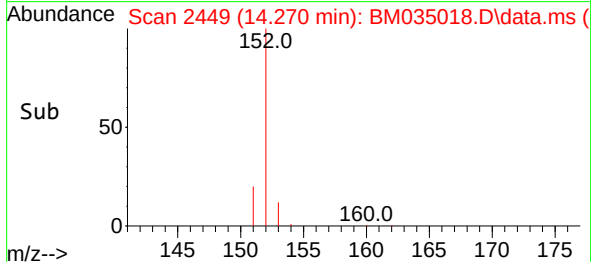
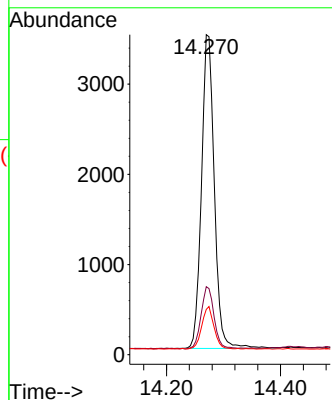
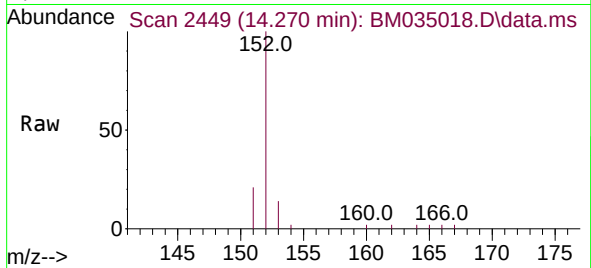




#10
Acenaphthylene
Concen: 0.160 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

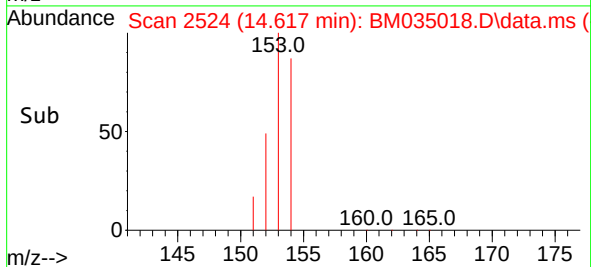
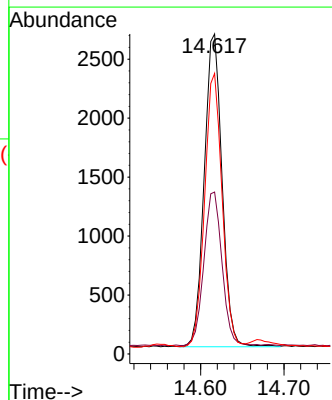
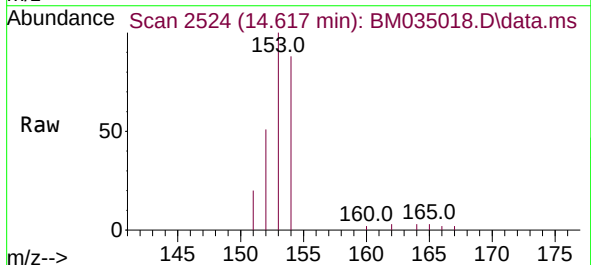
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

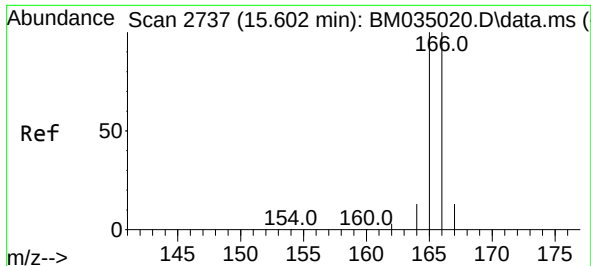
Tgt Ion:152 Resp: 5438
Ion Ratio Lower Upper
152 100
151 21.3 19.9 29.9
153 14.1 15.0 22.4#



#11
Acenaphthene
Concen: 0.137 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

Tgt Ion:153 Resp: 3942
Ion Ratio Lower Upper
153 100
152 50.6 42.4 63.6
154 87.7 66.2 99.2

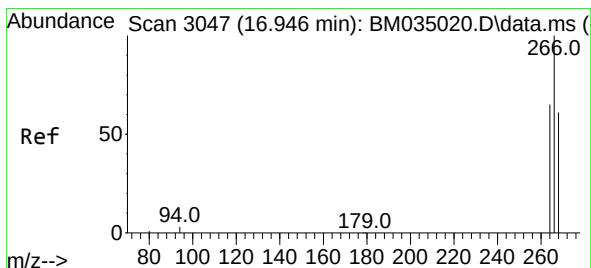
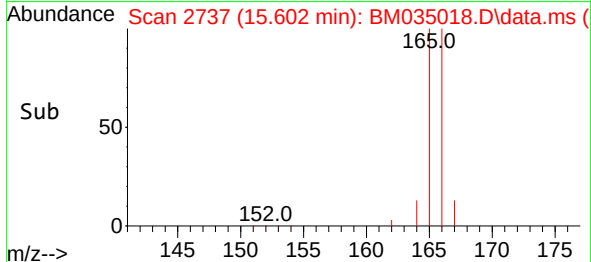
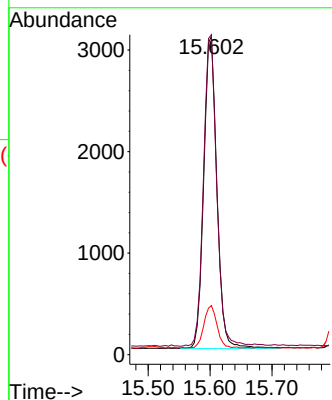
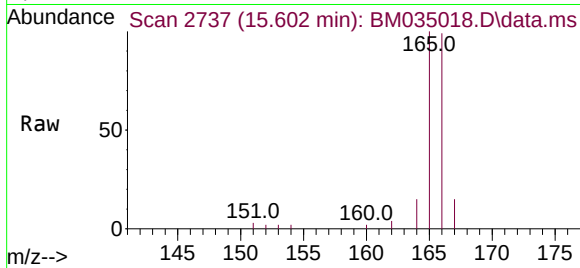




#12
 Fluorene
 Concen: 0.140 ng/ul
 RT: 15.602 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035018.D
 Acq: 12 May 2022 14:36

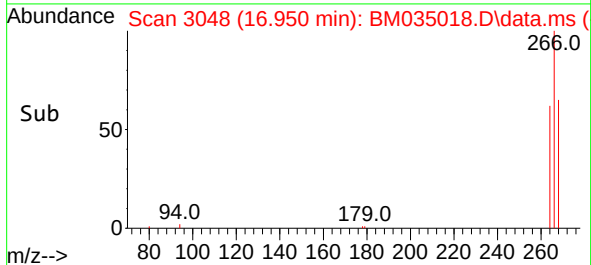
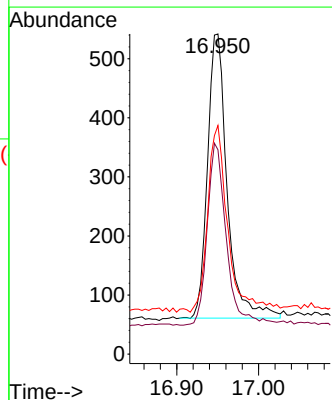
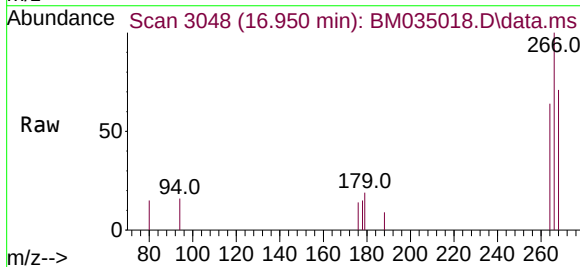
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.1036

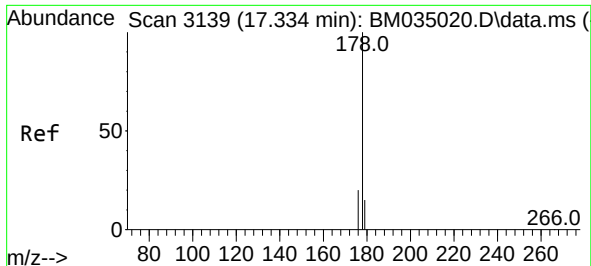
Tgt Ion:166	Resp:	4541
Ion Ratio	Lower	Upper
166	100	
165	100.5	81.1 121.7
167	15.4	14.9 22.3



#14
 Pentachlorophenol
 Concen: 0.160 ng/ul
 RT: 16.950 min Scan# 3048
 Delta R.T. 0.004 min
 Lab File: BM035018.D
 Acq: 12 May 2022 14:36

Tgt Ion:266	Resp:	801
Ion Ratio	Lower	Upper
266	100	
264	62.4	51.4 77.0
268	67.7	53.1 79.7

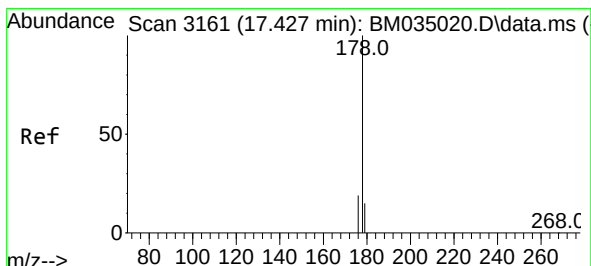
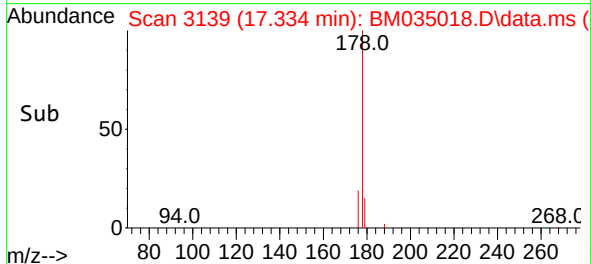
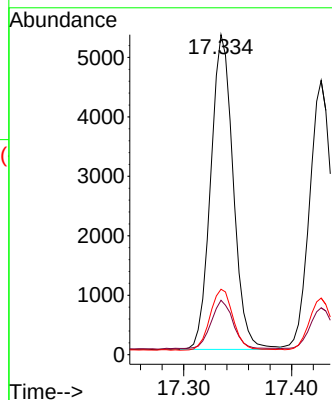
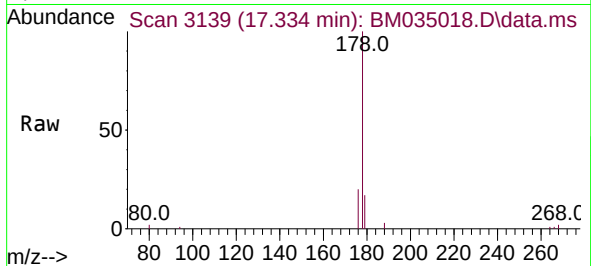




#15
Phenanthrene
Concen: 0.138 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

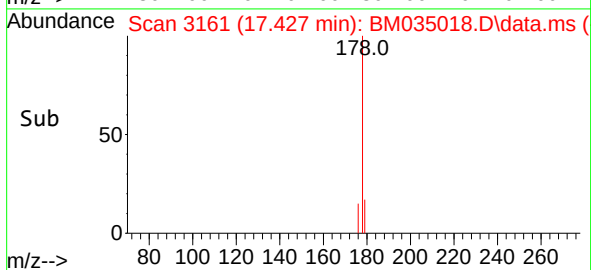
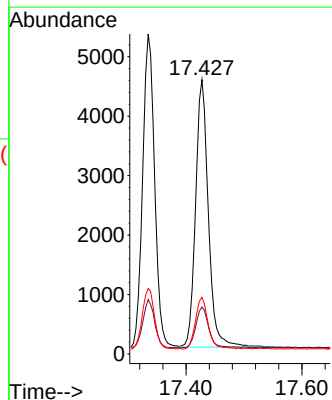
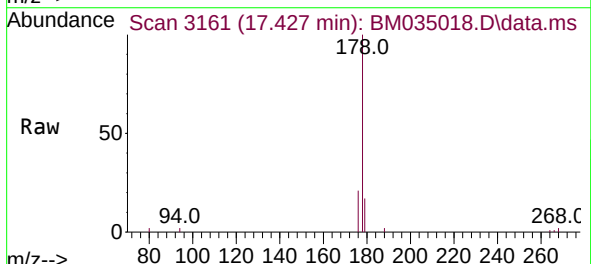
Instrument :
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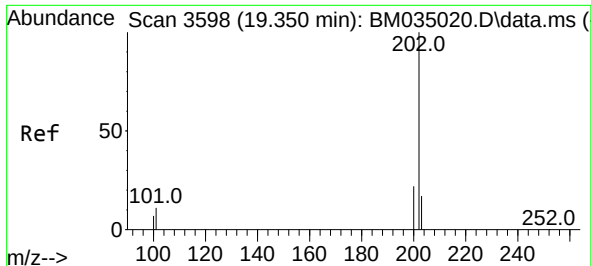
Tgt Ion:	178	Resp:	7667
Ion Ratio	Lower	Upper	
178	100		
179	17.0	15.0	22.6
176	20.5	17.9	26.9



#16
Anthracene
Concen: 0.139 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

Tgt Ion:	178	Resp:	6888
Ion Ratio	Lower	Upper	
178	100		
179	17.1	16.5	24.7
176	20.7	18.3	27.5

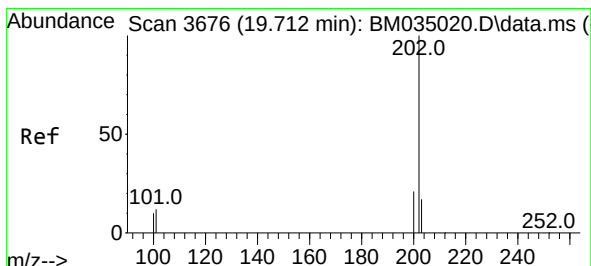
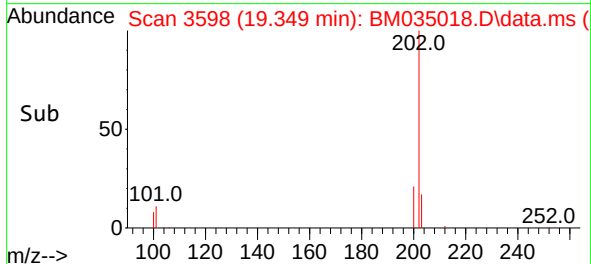
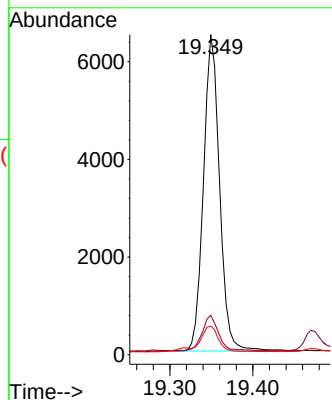
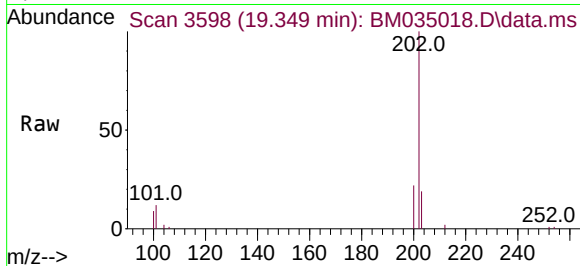




#19
Fluoranthene
Concen: 0.142 ng/ul
RT: 19.349 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

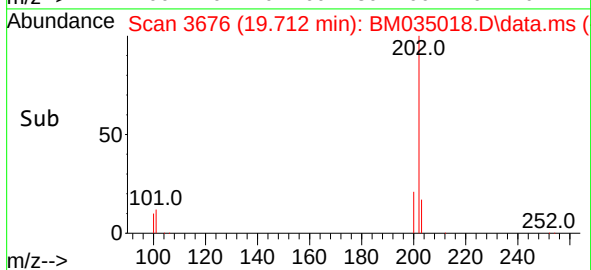
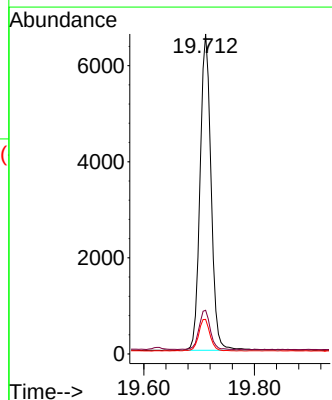
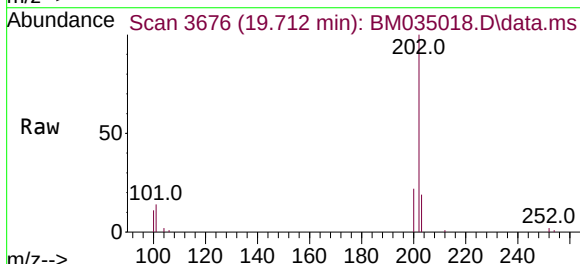
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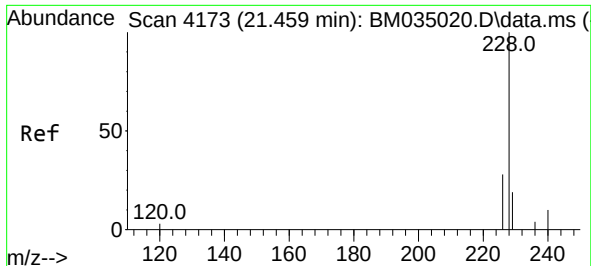
Tgt Ion:202 Resp: 8773
Ion Ratio Lower Upper
202 100
101 12.3 9.2 13.8
100 9.0 7.2 10.8



#20
Pyrene
Concen: 0.147 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. -0.000 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

Tgt Ion:202 Resp: 9127
Ion Ratio Lower Upper
202 100
101 13.7 9.3 13.9
100 10.8 7.8 11.6

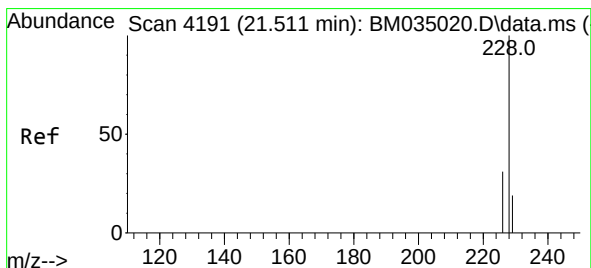
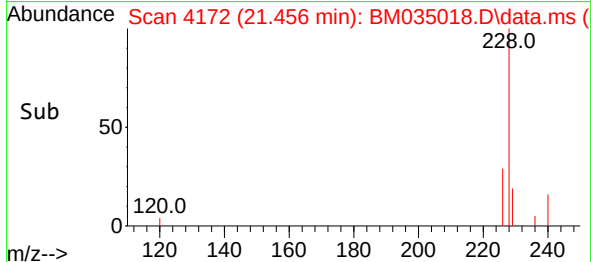
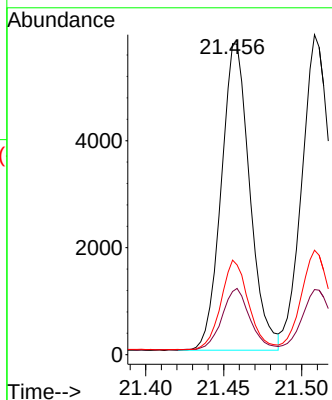
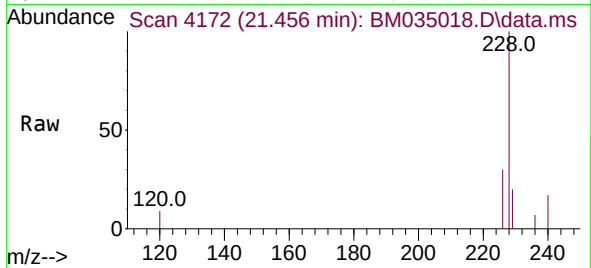




#21
Benzo(a)anthracene
Concen: 0.146 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

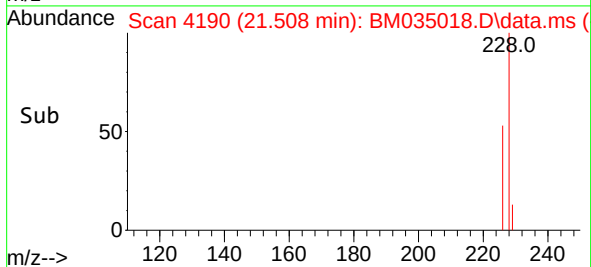
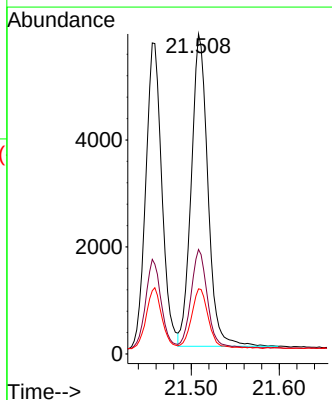
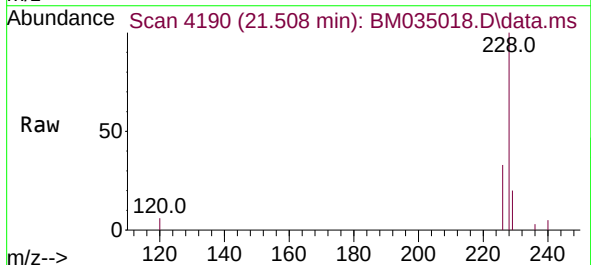
Instrument :
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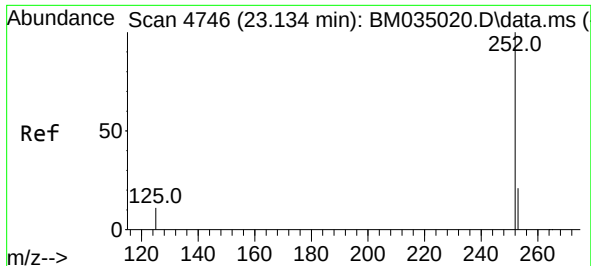
Tgt Ion:228 Resp: 7322
Ion Ratio Lower Upper
228 100
229 20.3 17.3 25.9
226 30.4 23.2 34.8



#22
Chrysene
Concen: 0.142 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

Tgt Ion:228 Resp: 7631
Ion Ratio Lower Upper
228 100
226 32.7 25.8 38.8
229 20.3 16.7 25.1

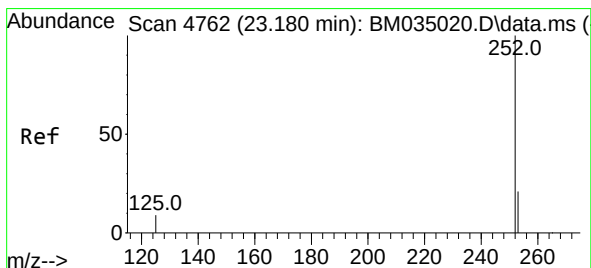
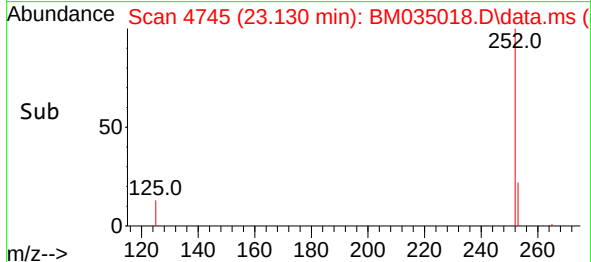
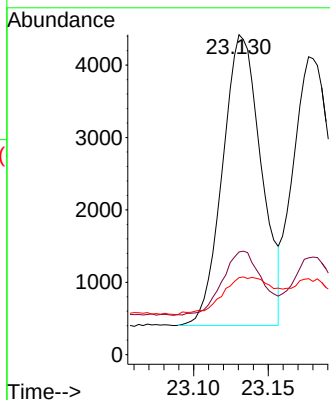
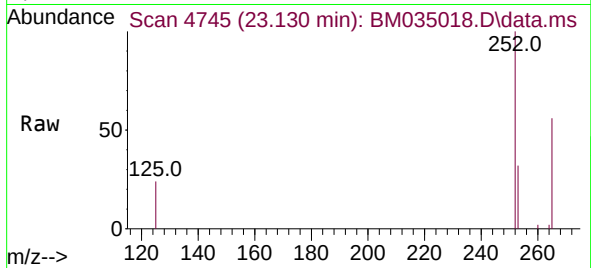




#24
Benzo(b)fluoranthene
Concen: 0.140 ng/ul
RT: 23.130 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

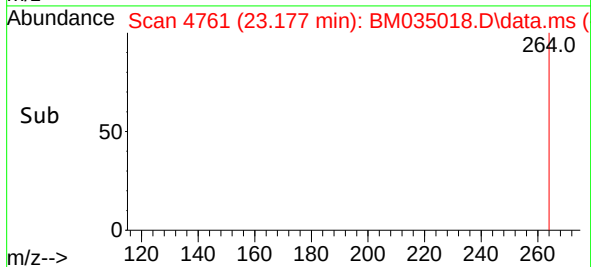
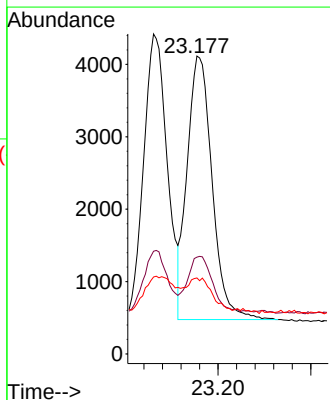
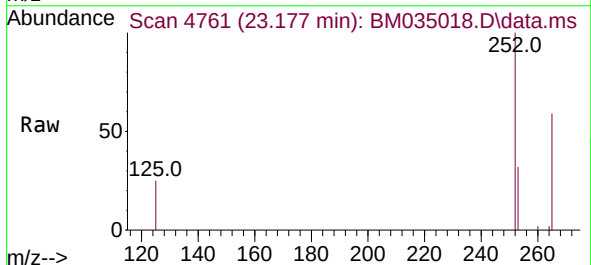
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

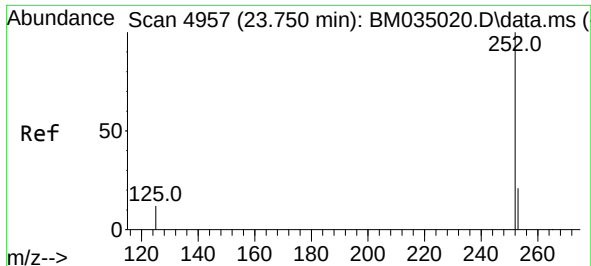
Tgt Ion:252 Resp: 7237
Ion Ratio Lower Upper
252 100
253 32.1 0.0 64.2
125 24.0 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.132 ng/ul
RT: 23.177 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

Tgt Ion:252 Resp: 6818
Ion Ratio Lower Upper
252 100
253 32.5 26.8 40.2
125 25.5 12.0 18.0#

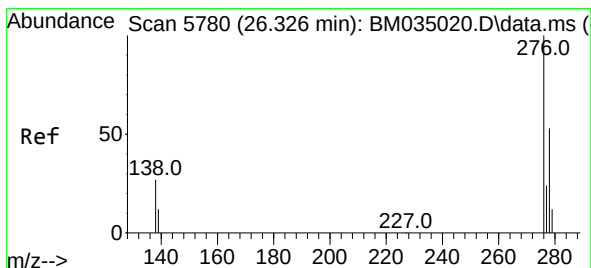
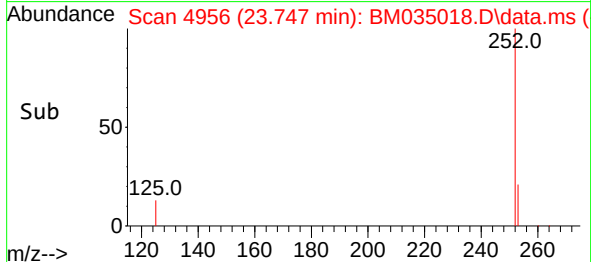
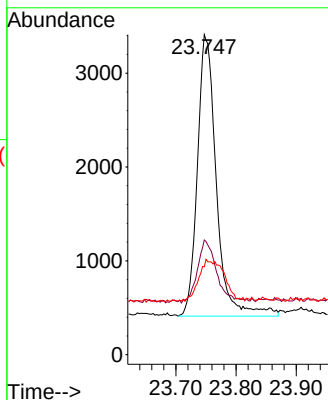
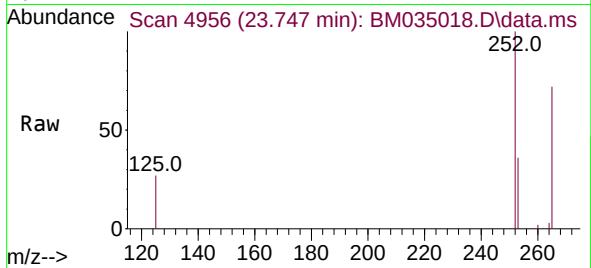




#26
Benzo(a)pyrene
Concen: 0.155 ng/ul
RT: 23.747 min Scan# 4956
Delta R.T. -0.003 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

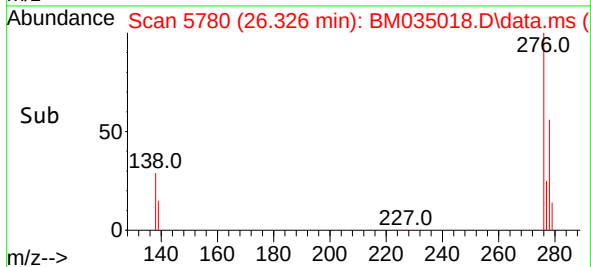
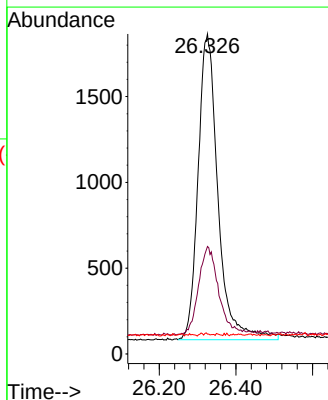
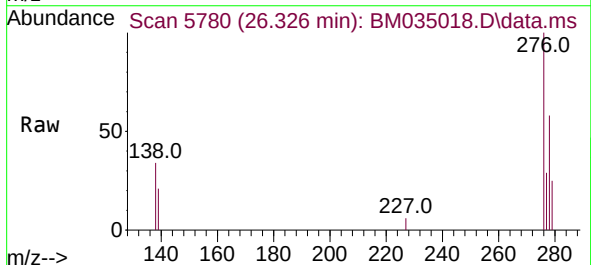
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

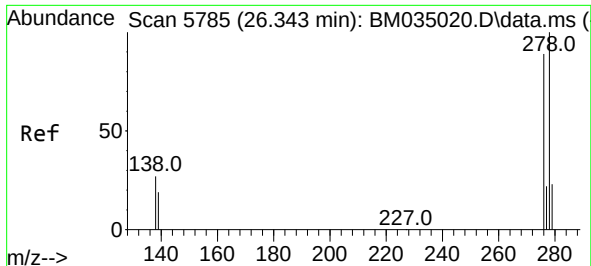
Tgt Ion:252 Resp: 6552
Ion Ratio Lower Upper
252 100
253 35.8 32.0 48.0
125 27.5 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.000 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

Tgt Ion:276 Resp: 6437
Ion Ratio Lower Upper
276 100
138 29.5 15.8 23.6#
227 0.2 0.0 0.0#

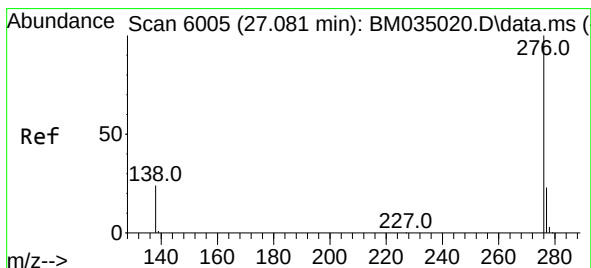
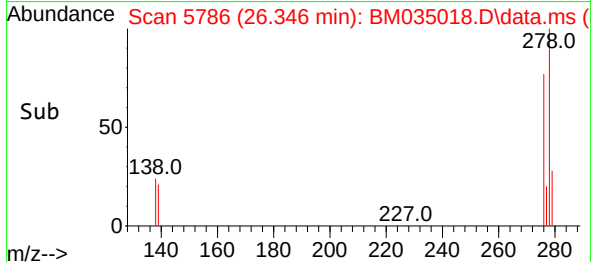
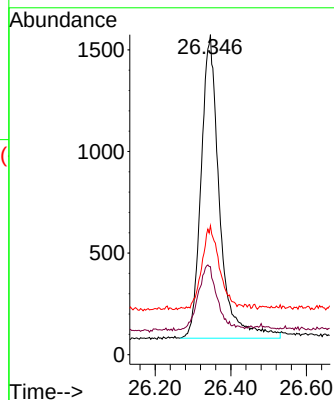
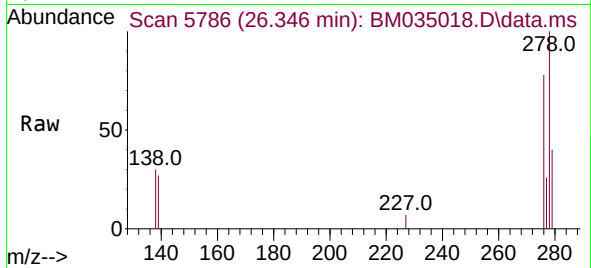




#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 26.346 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion: 278 Resp: 5049
Ion Ratio Lower Upper
278 100
139 27.5 18.0 27.0#
279 40.3 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 27.080 min Scan# 6005
Delta R.T. -0.000 min
Lab File: BM035018.D
Acq: 12 May 2022 14:36

Tgt Ion: 276 Resp: 5620
Ion Ratio Lower Upper
276 100
138 29.0 17.4 26.0#
277 28.7 22.6 33.8

