

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035061.D
 Acq On : 14 May 2022 12:29
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4096

Quant Time: May 15 01:32:48 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 18:15:39 2022
 Response via : Initial Calibration

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

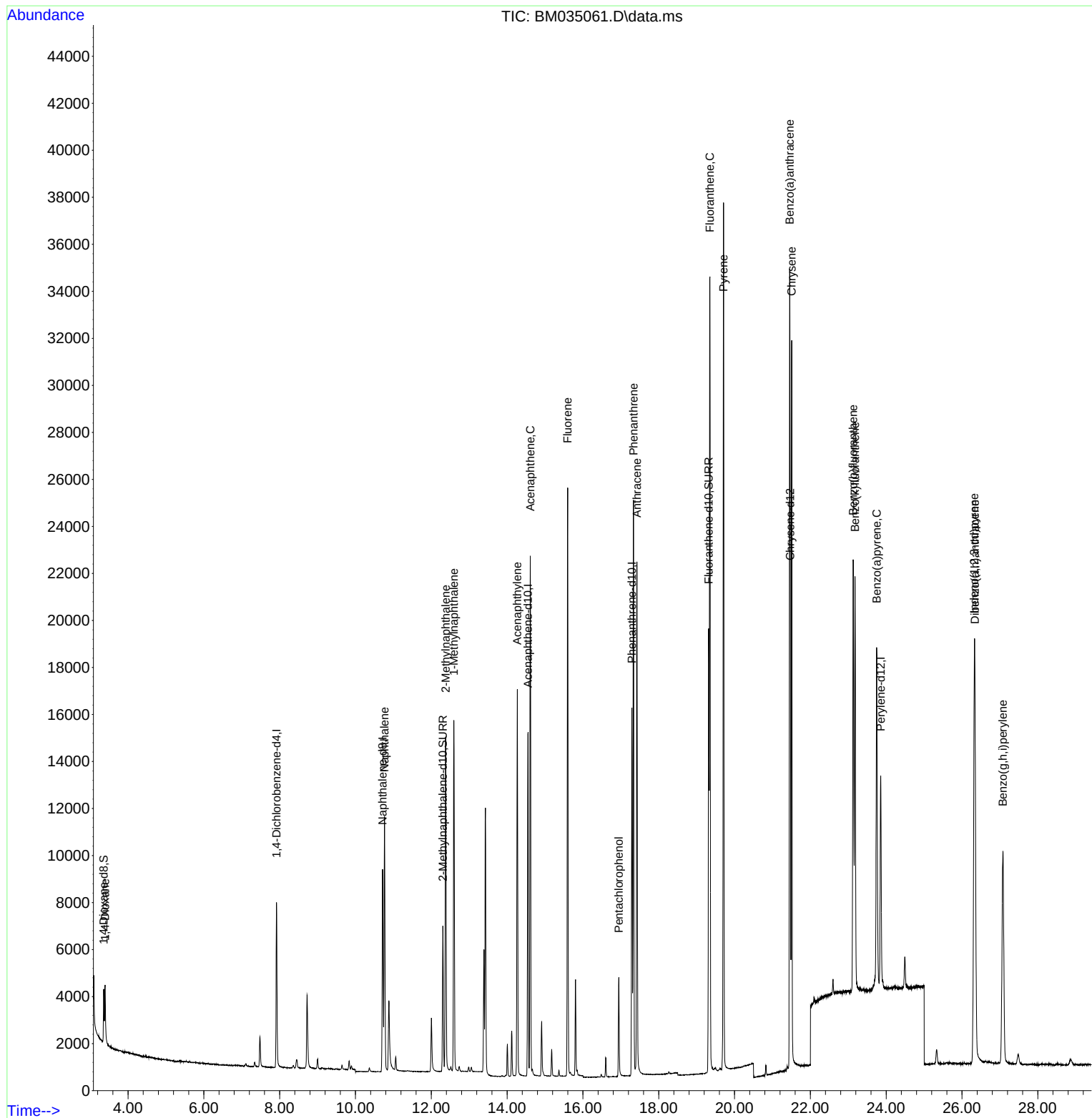
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	3800	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	11925	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	8046	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	18021	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	14382	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	12156	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	1605	0.353	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	8288	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	20668	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	1489	0.326	ng/ul#	68
5) Naphthalene	10.765	128	15048	0.382	ng/ul#	88
7) 2-Methylnaphthalene	12.382	142	10652	0.412	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	10335	0.430	ng/ul	99
10) Acenaphthylene	14.271	152	18908	0.397	ng/ul#	90
11) Acenaphthene	14.613	153	13175	0.383	ng/ul	95
12) Fluorene	15.598	166	15595	0.388	ng/ul#	97
14) Pentachlorophenol	16.947	266	2816	0.414	ng/ul	98
15) Phenanthrene	17.335	178	26091	0.380	ng/ul	94
16) Anthracene	17.424	178	24449	0.391	ng/ul#	91
19) Fluoranthene	19.350	202	30915	0.383	ng/ul	95
20) Pyrene	19.708	202	31352	0.382	ng/ul	99
21) Benzo(a)anthracene	21.455	228	26280	0.395	ng/ul	98
22) Chrysene	21.508	228	26393	0.381	ng/ul	98
24) Benzo(b)fluoranthene	23.130	252	23970	0.376	ng/ul	90
25) Benzo(k)fluoranthene	23.180	252	22786	0.375	ng/ul#	90
26) Benzo(a)pyrene	23.750	252	22284	0.384	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.325	276	23883	0.416	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.342	278	19263	0.422	ng/ul#	91
29) Benzo(g,h,i)perylene	27.080	276	20227	0.410	ng/ul	94

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

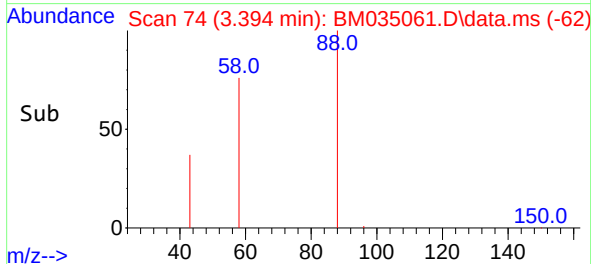
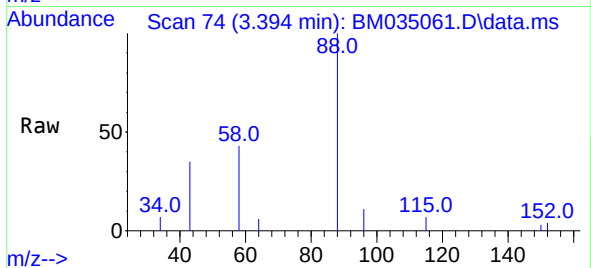
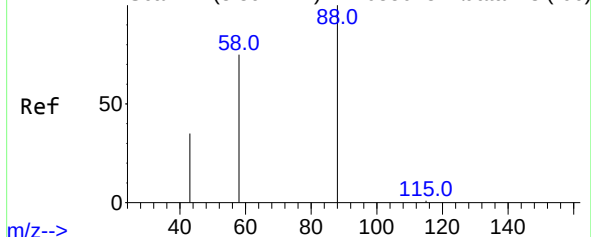
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035061.D
Acq On : 14 May 2022 12:29
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4096

Quant Time: May 15 01:32:48 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 18:15:39 2022
Response via : Initial Calibration



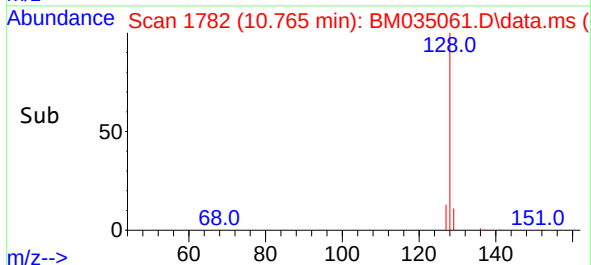
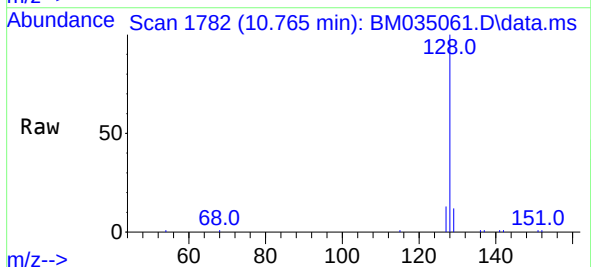
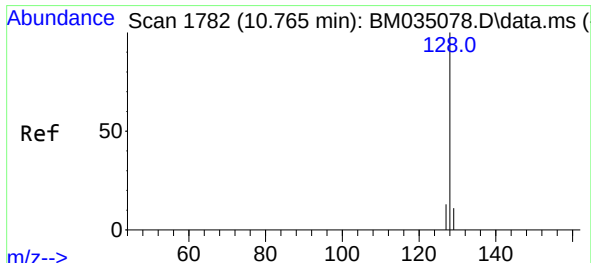
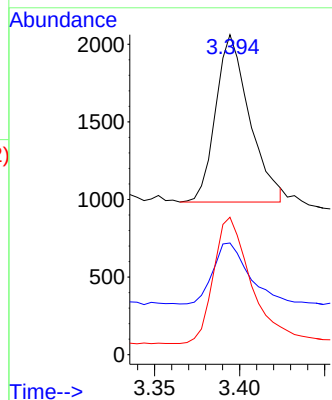
Abundance Scan 74 (3.394 min): BM035078.D\data.ms (-66)



#2
1,4-Dioxane
Concen: 0.326 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

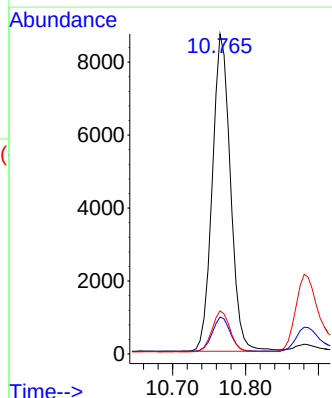
Instrument :
BNA_M
ClientSampleId :
SSTD0.4096

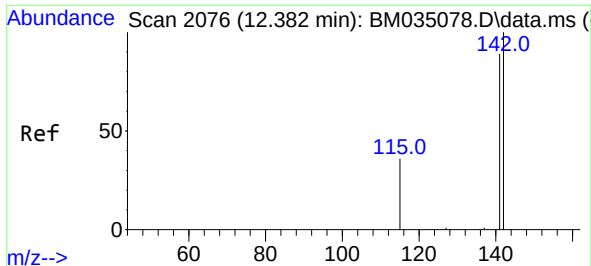
Tgt Ion: 88 Resp: 1489
Ion Ratio Lower Upper
88 100
43 34.9 49.7 74.5#
58 43.0 52.5 78.7#



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

Tgt Ion:128 Resp: 15048
Ion Ratio Lower Upper
128 100
129 11.6 13.4 20.2#
127 13.4 15.2 22.8#

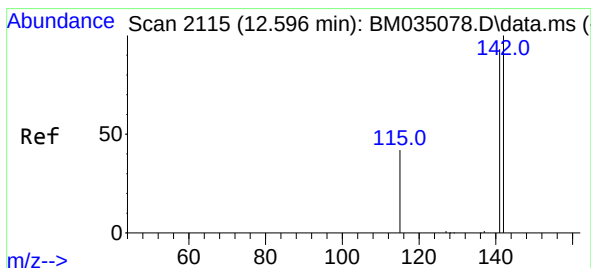
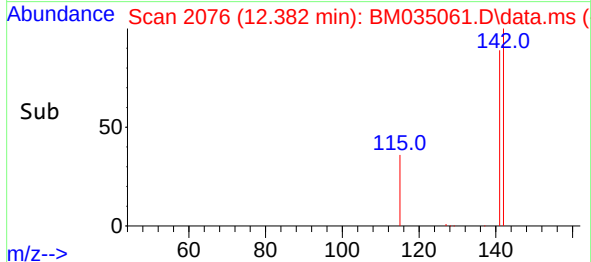
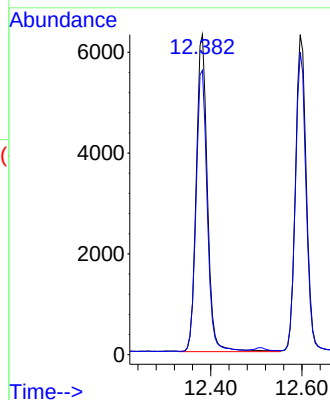
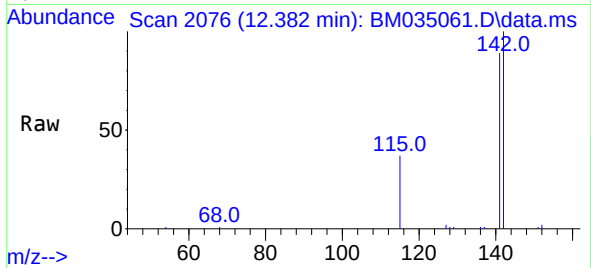




#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

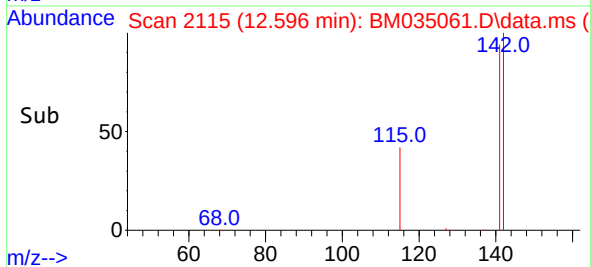
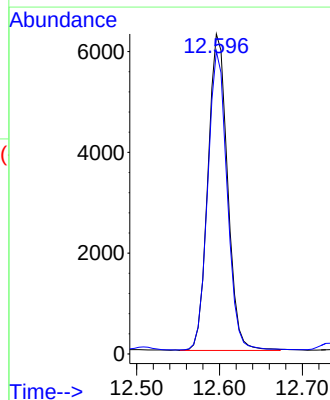
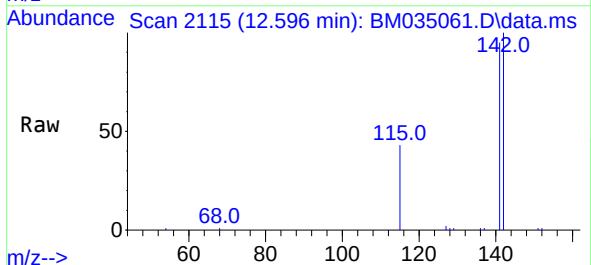
Instrument :
BNA_M
ClientSampleId :
SSTD0.4096

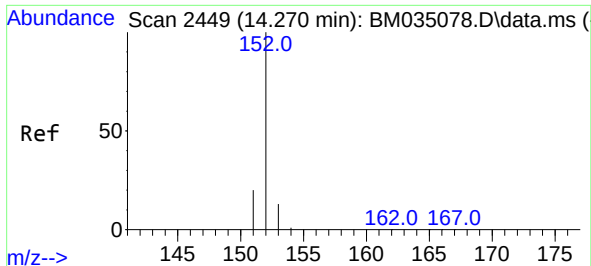
Tgt Ion:142 Resp: 10652
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

Tgt Ion:142 Resp: 10335
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4

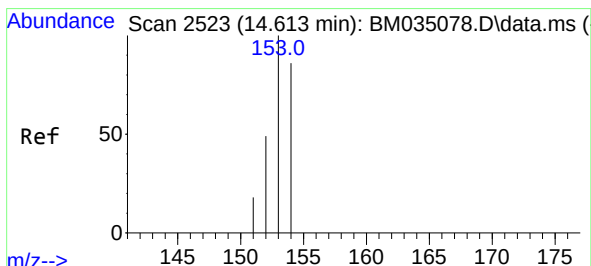
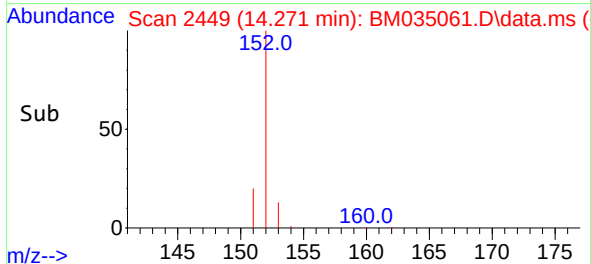
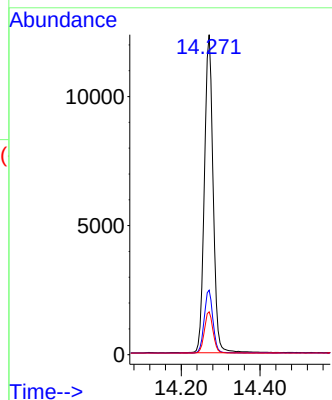
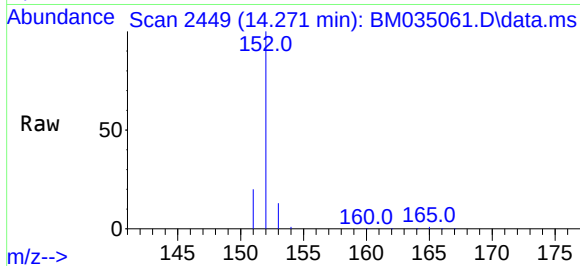




#10
Acenaphthylene
Concen: 0.397 ng/u1
RT: 14.271 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

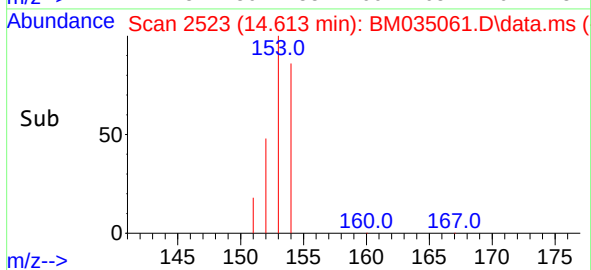
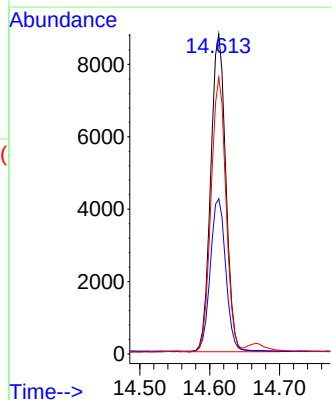
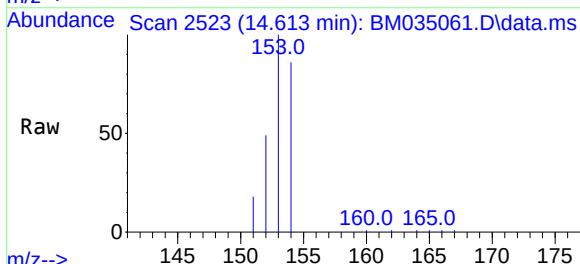
Instrument :
BNA_M
ClientSampleId :
SSTD0.4096

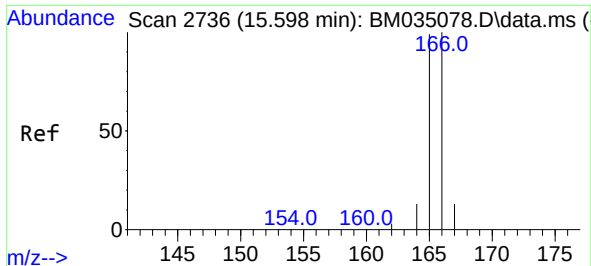
Tgt Ion:152 Resp: 18908
Ion Ratio Lower Upper
152 100
151 20.2 19.9 29.9
153 13.4 15.0 22.4#



#11
Acenaphthene
Concen: 0.383 ng/u1
RT: 14.613 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

Tgt Ion:153 Resp: 13175
Ion Ratio Lower Upper
153 100
152 48.5 42.4 63.6
154 86.4 66.2 99.2

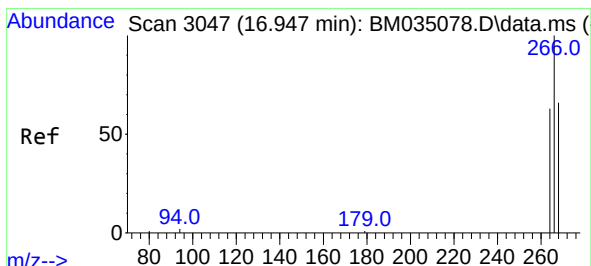
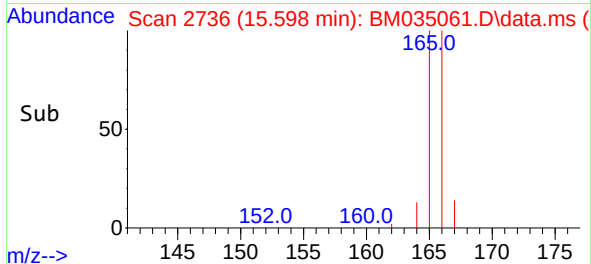
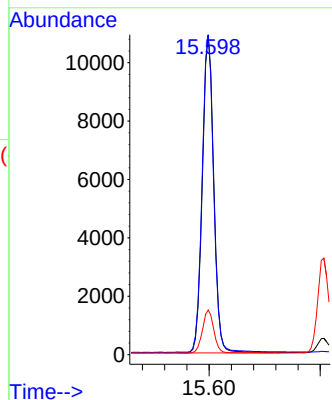
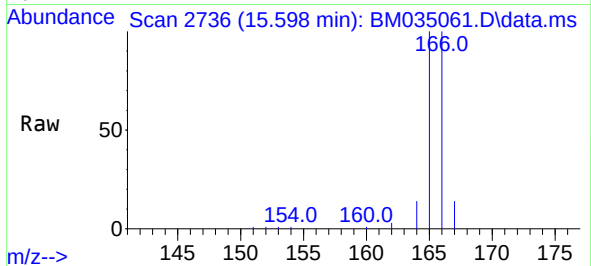




#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.598 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

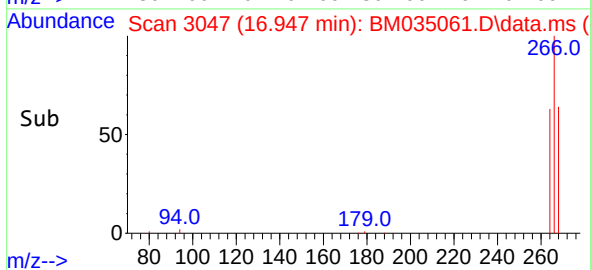
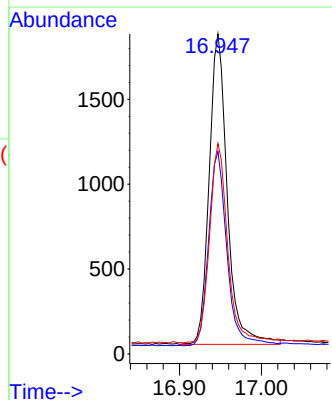
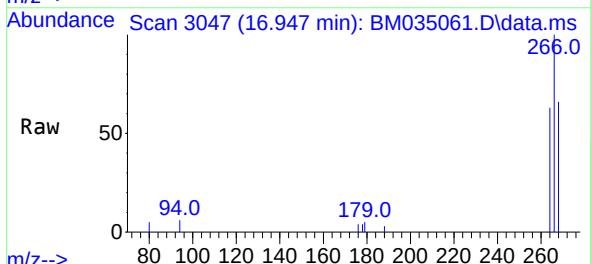
Instrument :
BNA_M
ClientSampleId :
SSTD0.4096

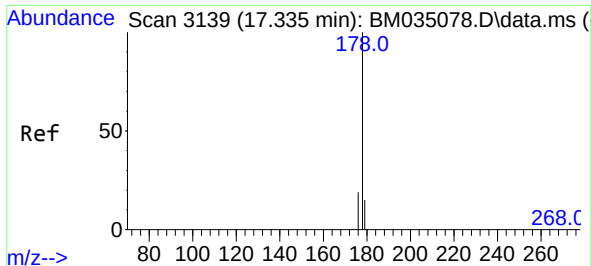
Tgt Ion:166 Resp: 15595
Ion Ratio Lower Upper
166 100
165 100.1 81.1 121.7
167 14.0 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.414 ng/ul
RT: 16.947 min Scan# 3047
Delta R.T. 0.001 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

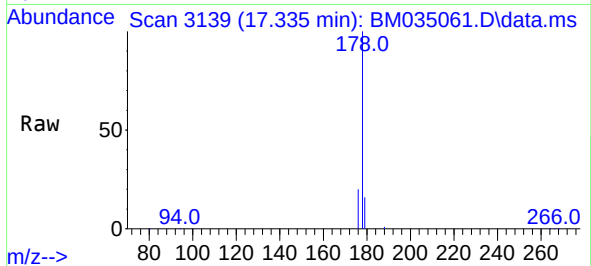
Tgt Ion:266 Resp: 2816
Ion Ratio Lower Upper
266 100
264 63.2 51.4 77.0
268 64.4 53.1 79.7





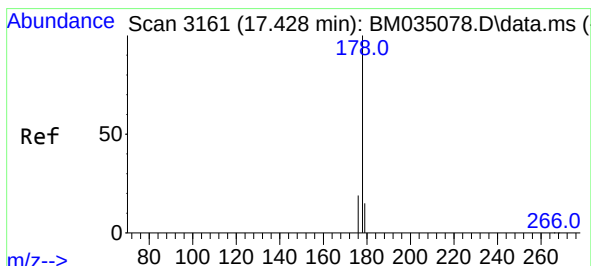
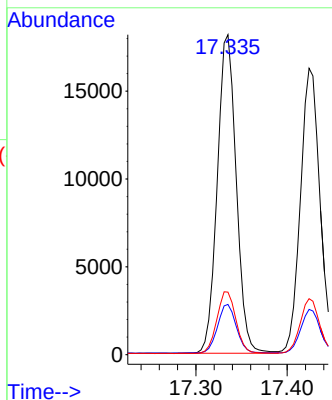
#15
Phenanthrene
Concen: 0.380 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.4096



Tgt Ion:178 Resp: 26091

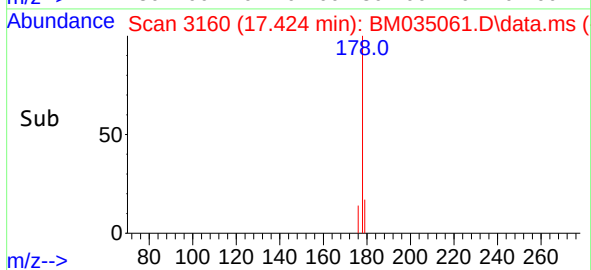
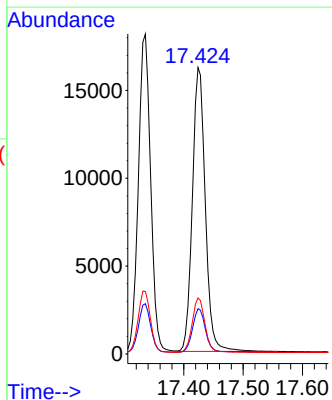
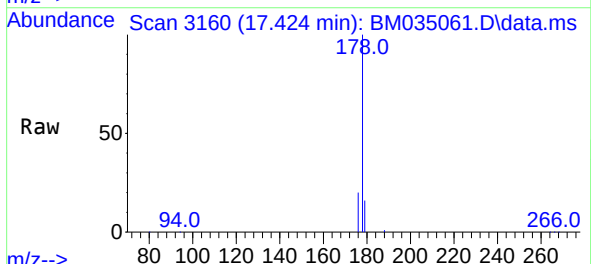
Ion	Ratio	Lower	Upper
178	100		
179	15.7	15.0	22.6
176	19.5	17.9	26.9

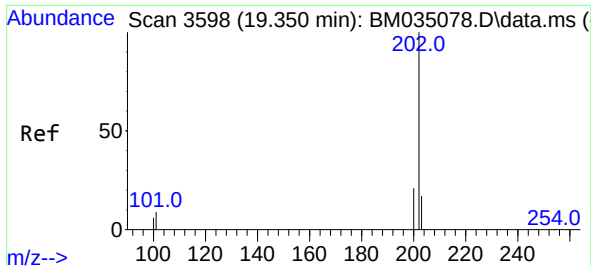


#16
Anthracene
Concen: 0.391 ng/u1
RT: 17.424 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

Tgt Ion:178 Resp: 24449

Ion	Ratio	Lower	Upper
178	100		
179	15.8	16.5	24.7#
176	19.5	18.3	27.5

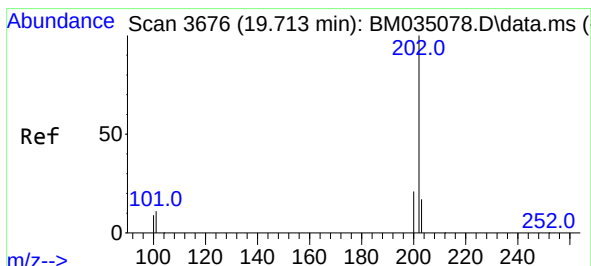
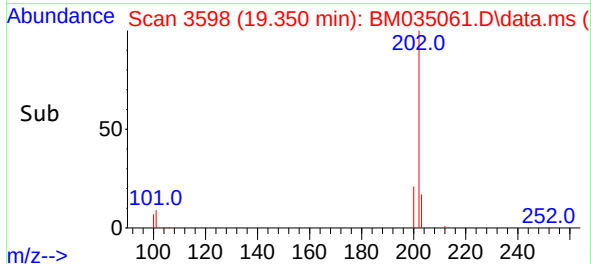
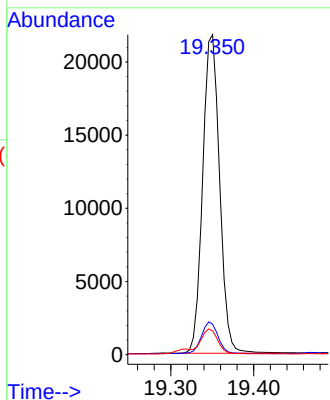
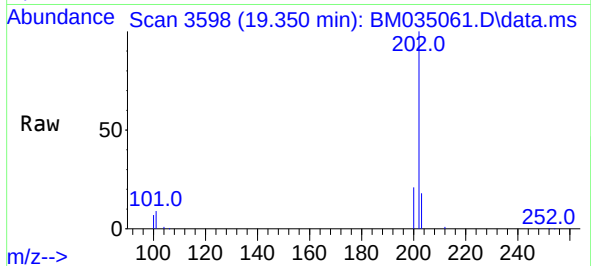




#19
Fluoranthene
Concen: 0.383 ng/u1
RT: 19.350 min Scan# 31
Delta R.T. 0.001 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

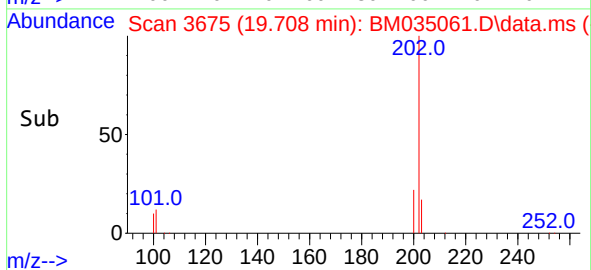
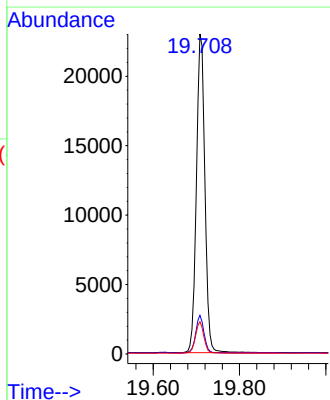
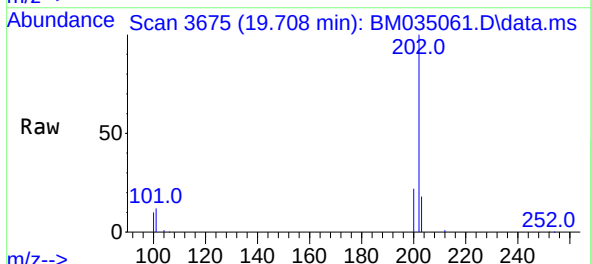
Instrument :
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ClientSampleId :
SSTD0.4096

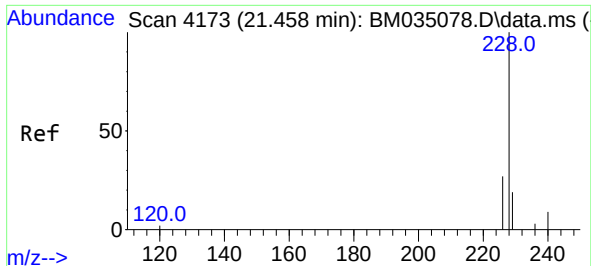
Tgt Ion:	202	Resp:	30915
Ion Ratio	Lower	Upper	
202	100		
101	9.5	9.2	13.8
100	7.5	7.2	10.8



#20
Pyrene
Concen: 0.382 ng/u1
RT: 19.708 min Scan# 3675
Delta R.T. -0.004 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

Tgt Ion:	202	Resp:	31352
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.3	13.9
100	10.0	7.8	11.6

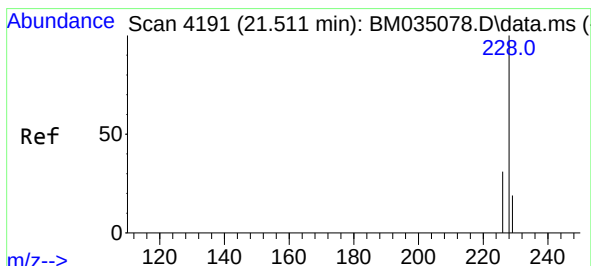
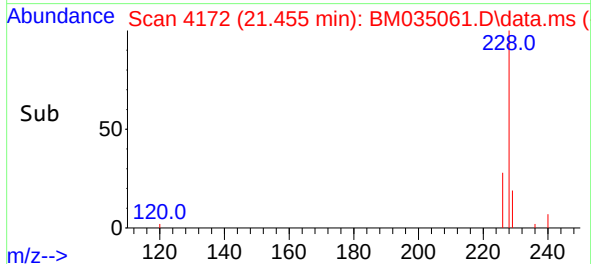
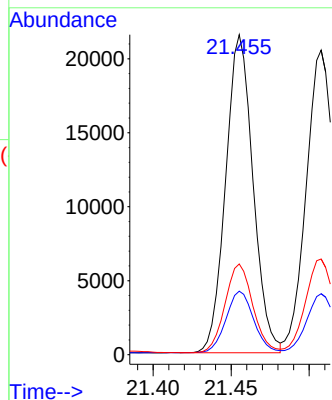
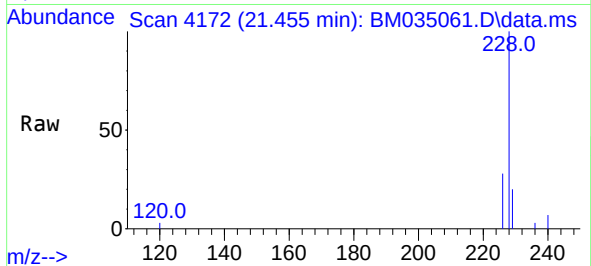




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.455 min Scan# 4173
Delta R.T. -0.004 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

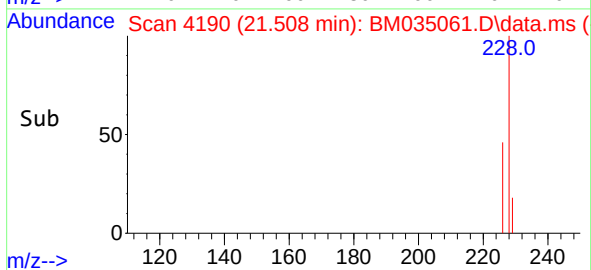
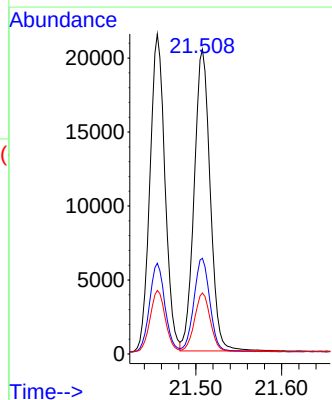
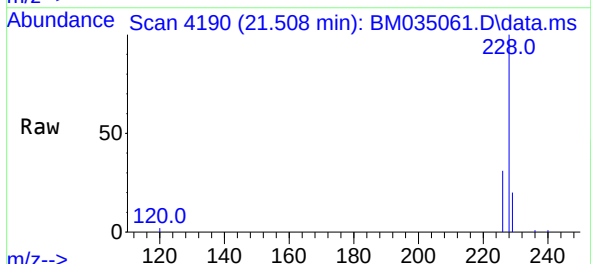
Instrument :
BNA_M
ClientSampleId :
SSTD0.4096

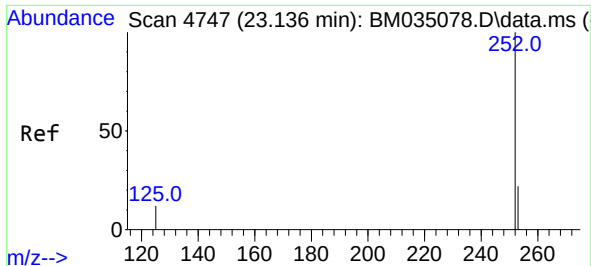
Tgt Ion:228	Resp:	26280
Ion Ratio	Lower	Upper
228	100	
229	19.8	17.3 25.9
226	28.4	23.2 34.8



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.004 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

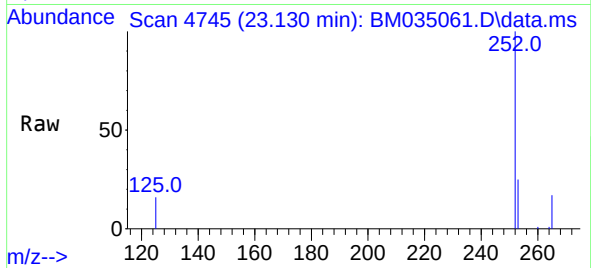
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Ion Ratio	Lower	Upper
228	100	
226	31.4	25.8 38.8
229	20.0	16.7 25.1



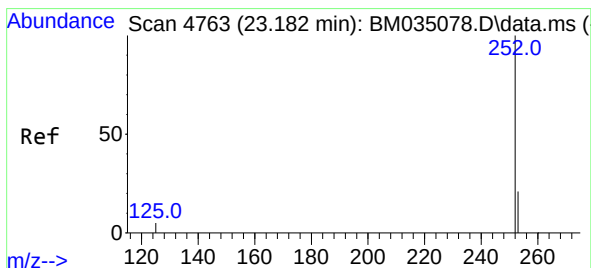
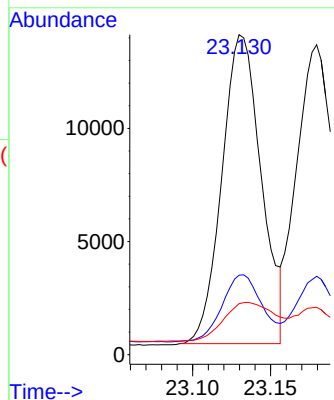


#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.130 min Scan# 4745
Delta R.T. -0.004 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.4096

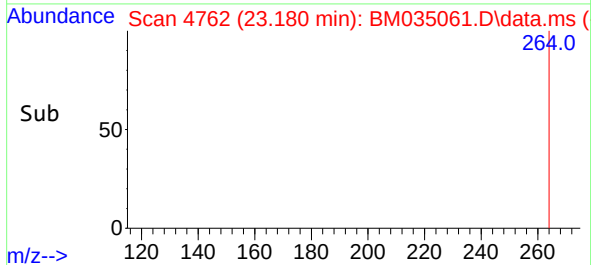
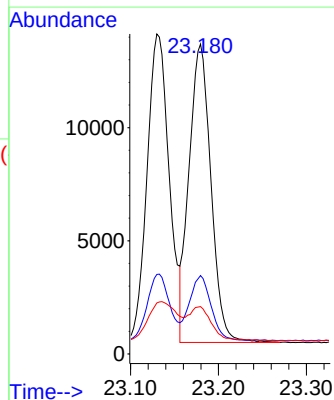
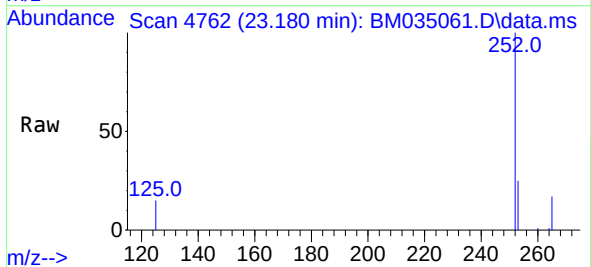


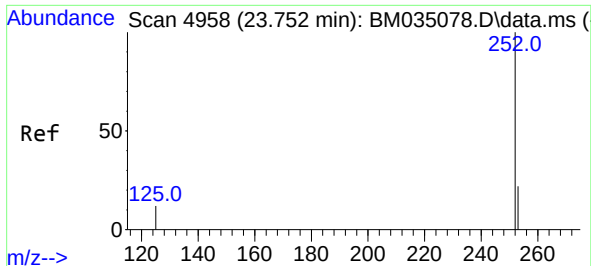
Tgt Ion:252 Resp: 23970
Ion Ratio Lower Upper
252 100
253 24.9 0.0 64.2
125 16.0 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 23.180 min Scan# 4762
Delta R.T. -0.001 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

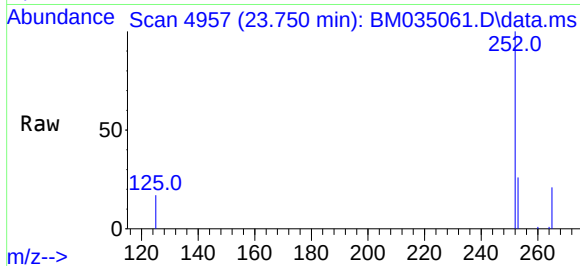
Tgt Ion:252 Resp: 22786
Ion Ratio Lower Upper
252 100
253 25.3 26.8 40.2#
125 15.3 12.0 18.0



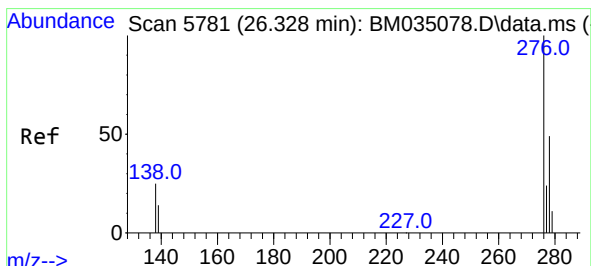
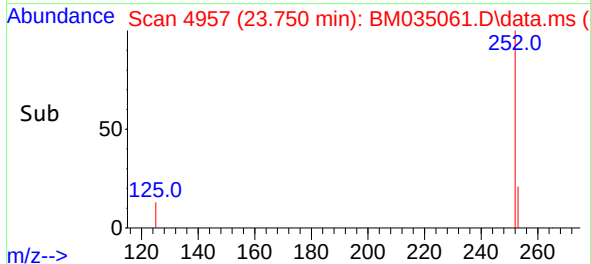
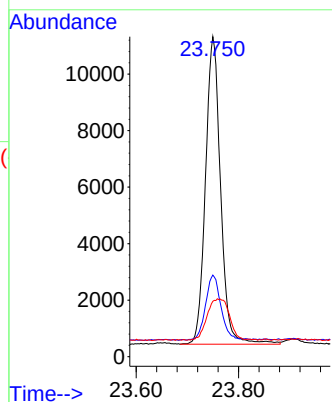


#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.750 min Scan# 4958
Delta R.T. -0.001 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.4096

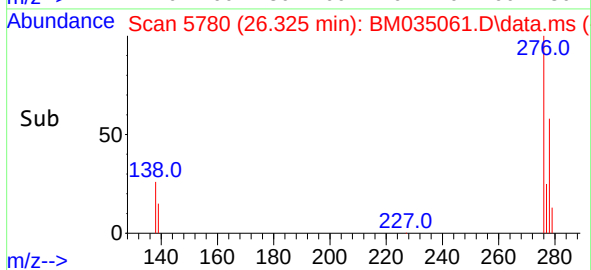
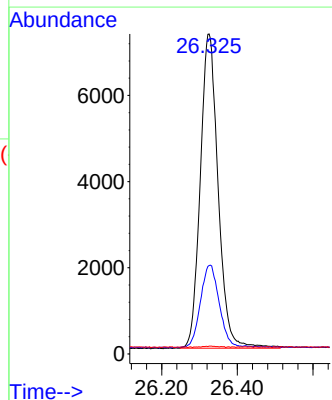
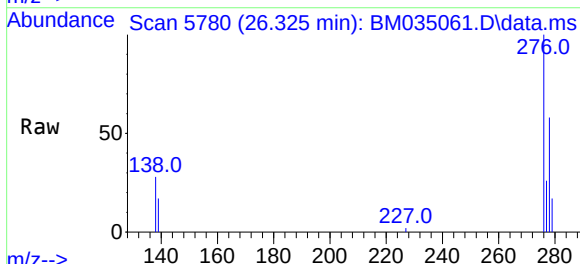


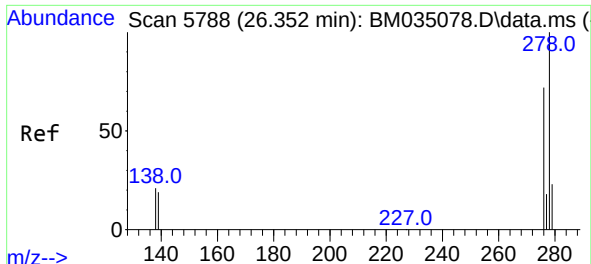
Tgt Ion:252 Resp: 22284
Ion Ratio Lower Upper
252 100
253 25.5 32.0 48.0#
125 17.3 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.001 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

Tgt Ion:276 Resp: 23883
Ion Ratio Lower Upper
276 100
138 27.7 15.8 23.6#
227 0.4 0.0 0.0#

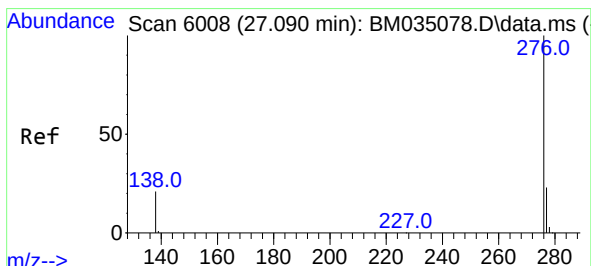
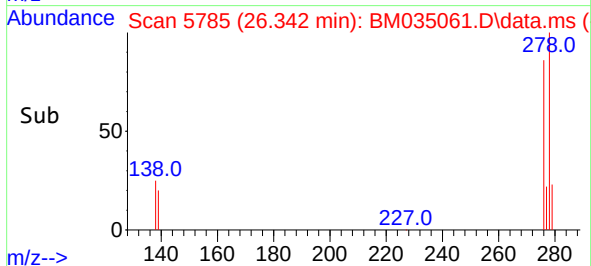
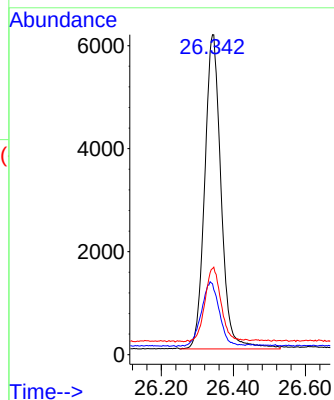
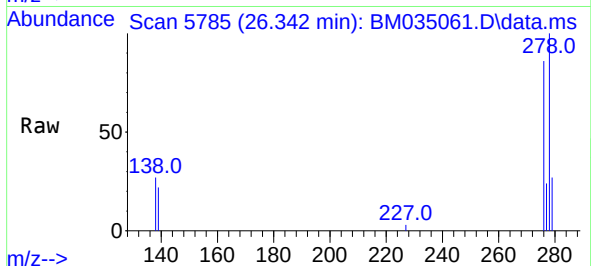




#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 26.342 min Scan# 51
Delta R.T. -0.001 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.4096

Tgt Ion:278 Resp: 19263
Ion Ratio Lower Upper
278 100
139 22.2 18.0 27.0
279 26.9 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul
RT: 27.080 min Scan# 6005
Delta R.T. -0.001 min
Lab File: BM035061.D
Acq: 14 May 2022 12:29

Tgt Ion:276 Resp: 20227
Ion Ratio Lower Upper
276 100
138 24.0 17.4 26.0
277 25.0 22.6 33.8

