

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037056.D
 Acq On : 14 Oct 2022 16:10
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4148

Quant Time: Oct 14 23:03:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

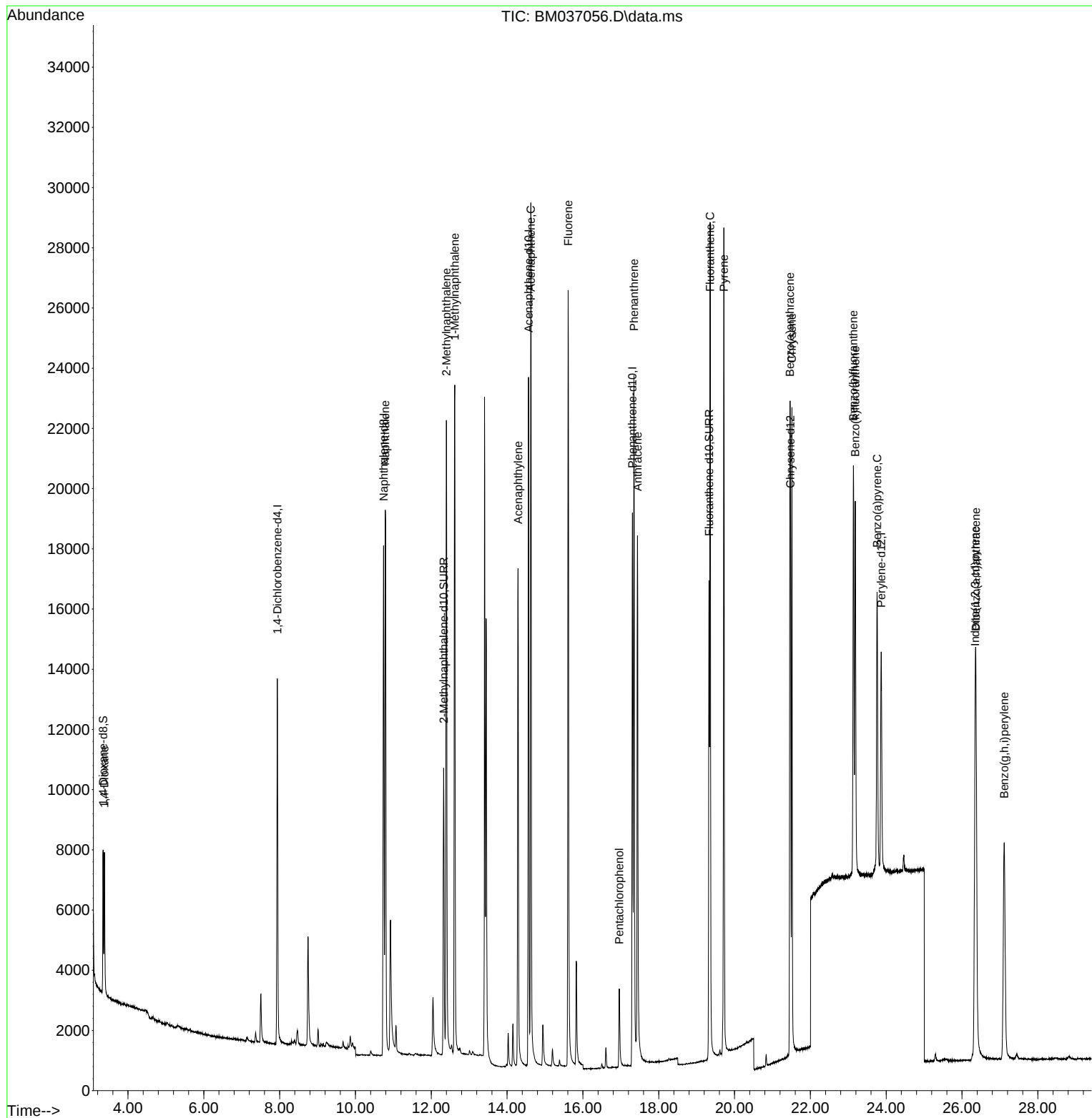
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6611	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	24205	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.566	164	12902	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	22676	0.400	ng/ul	0.00
17) Chrysene-d12	21.476	240	12847	0.400	ng/ul	0.00
23) Perylene-d12	23.867	264	10807	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	3140	0.337	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	13738	0.376	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	18337	0.477	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	3145	0.345	ng/ul#	87
5) Naphthalene	10.787	128	25603	0.370	ng/ul	97
7) 2-Methylnaphthalene	12.398	142	15991	0.378	ng/ul	91
8) 1-Methylnaphthalene	12.618	142	16160	0.376	ng/ul	99
10) Acenaphthylene	14.288	152	20738	0.387	ng/ul	98
11) Acenaphthene	14.626	153	17198	0.370	ng/ul	99
12) Fluorene	15.611	166	18451	0.350	ng/ul	100
14) Pentachlorophenol	16.959	266	2269	0.413	ng/ul	97
15) Phenanthrene	17.347	178	26094	0.360	ng/ul	99
16) Anthracene	17.440	178	22281	0.368	ng/ul	99
19) Fluoranthene	19.354	202	23468	0.459	ng/ul	99
20) Pyrene	19.717	202	23439	0.440	ng/ul	100
21) Benzo(a)anthracene	21.459	228	17132	0.369	ng/ul	99
22) Chrysene	21.512	228	17795	0.357	ng/ul	99
24) Benzo(b)fluoranthene	23.134	252	17435	0.361	ng/ul	95
25) Benzo(k)fluoranthene	23.183	252	16666	0.354	ng/ul	96
26) Benzo(a)pyrene	23.759	252	14857	0.379	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.346	276	19682	0.355	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.366	278	15608	0.348	ng/ul	94
29) Benzo(g,h,i)perylene	27.111	276	17019	0.348	ng/ul	99

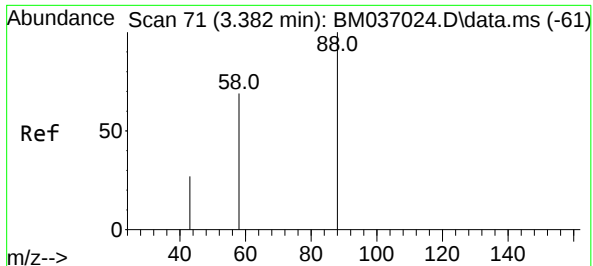
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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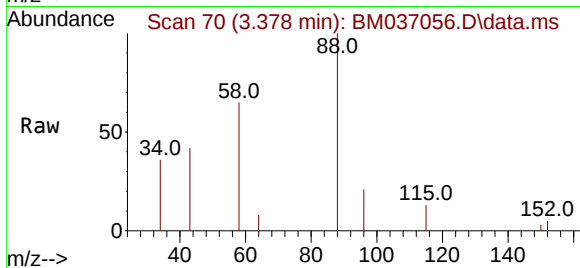
Quant Time: Oct 14 23:03:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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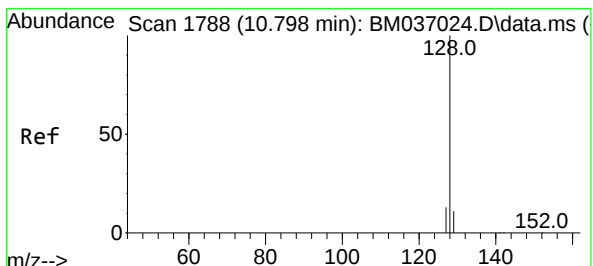
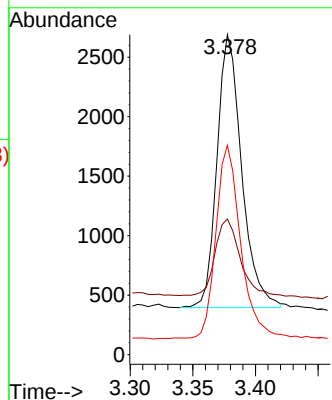
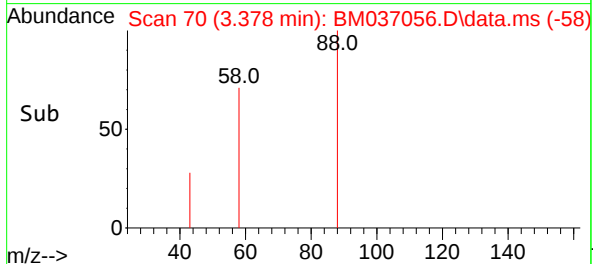


#2
1,4-Dioxane
Concen: 0.345 ng/ul
RT: 3.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

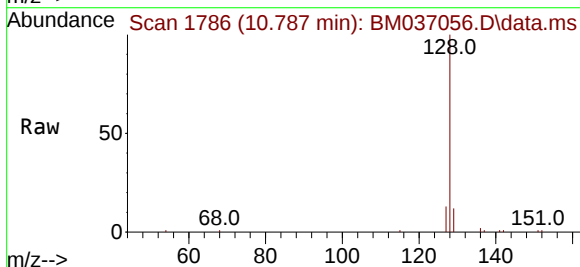
Instrument :
BNA_M
ClientSampleId :
SSTD0.4148



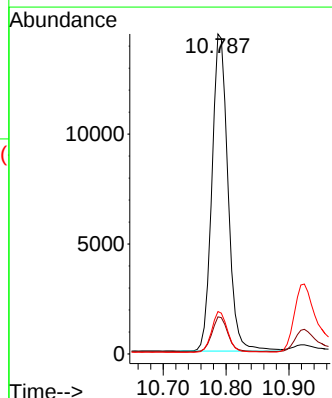
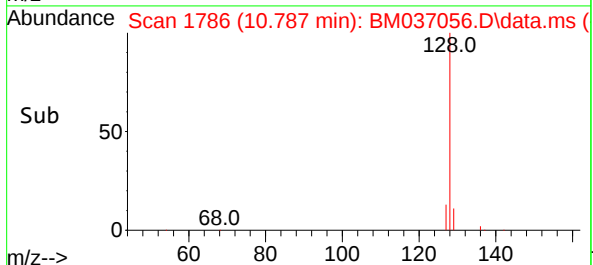
Tgt Ion: 88 Resp: 3145
Ion Ratio Lower Upper
88 100
43 42.4 37.8 56.6
58 65.5 42.6 63.8#

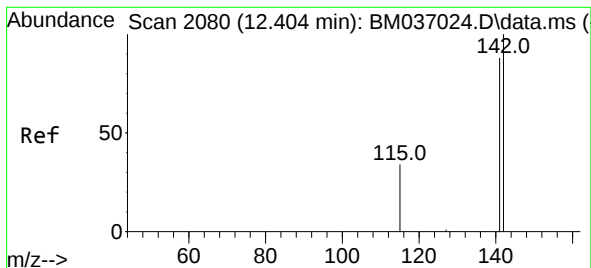


#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.787 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10



Tgt Ion: 128 Resp: 25603
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.2 11.7 17.5





#7

2-Methylnaphthalene

Concen: 0.378 ng/ul

RT: 12.398 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BM037056.D

Acq: 14 Oct 2022 16:10

Instrument :

BNA_M

ClientSampleId :

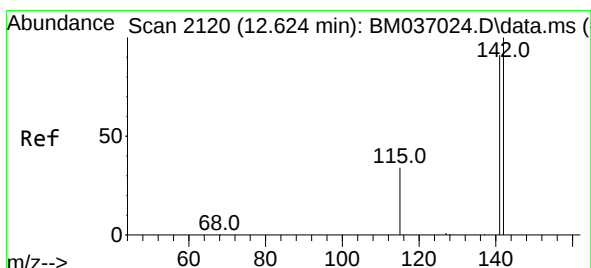
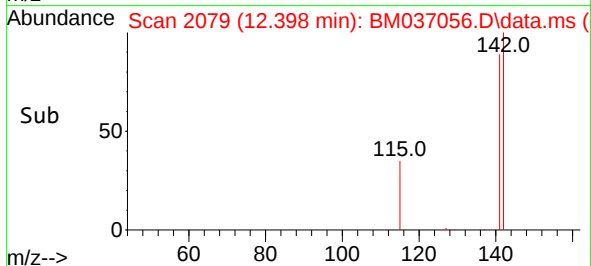
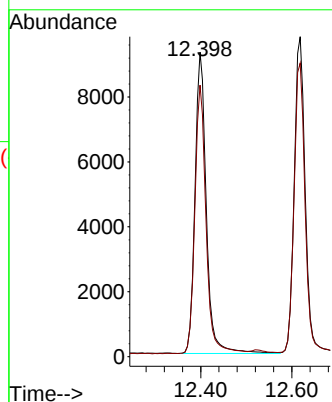
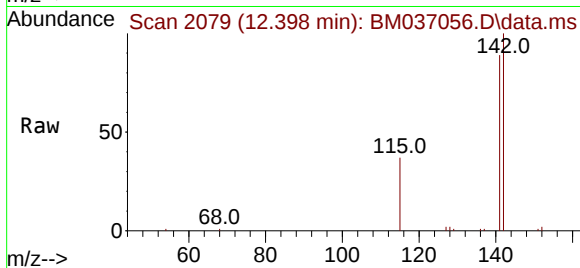
SSTD0.4148

Tgt Ion:142 Resp: 15991

Ion Ratio Lower Upper

142 100

141 88.0 77.4 116.0



#8

1-Methylnaphthalene

Concen: 0.376 ng/ul

RT: 12.618 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BM037056.D

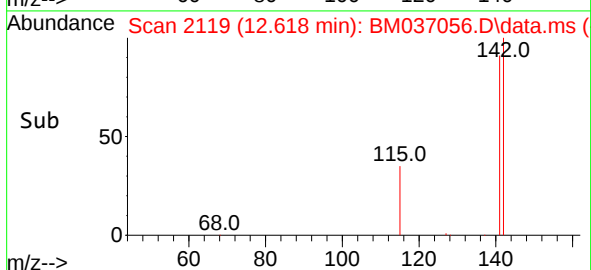
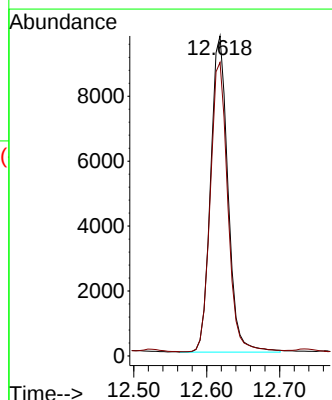
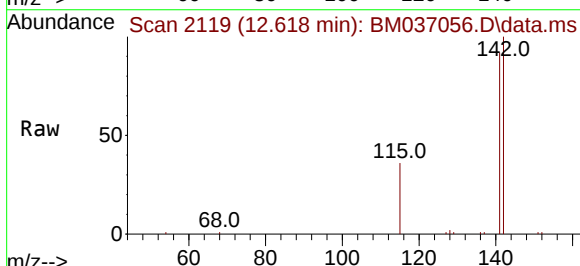
Acq: 14 Oct 2022 16:10

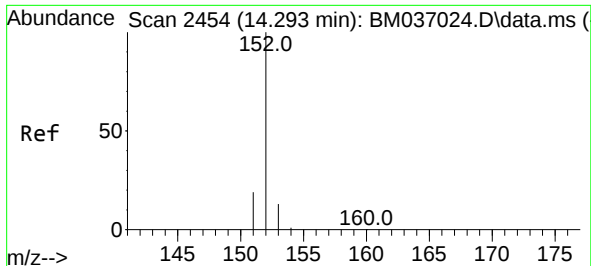
Tgt Ion:142 Resp: 16160

Ion Ratio Lower Upper

142 100

141 92.0 74.1 111.1

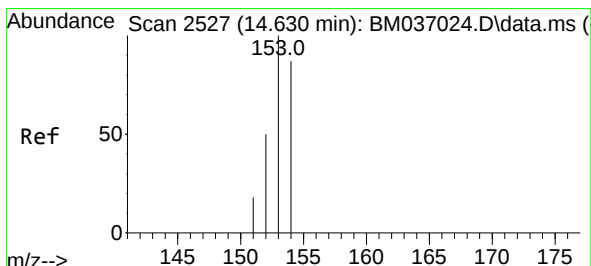
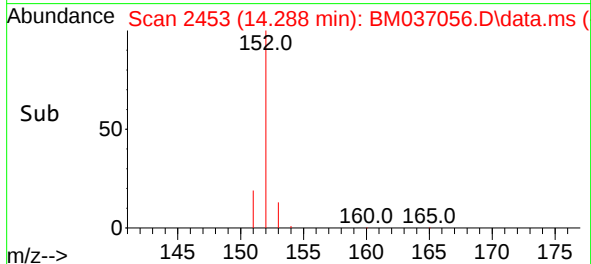
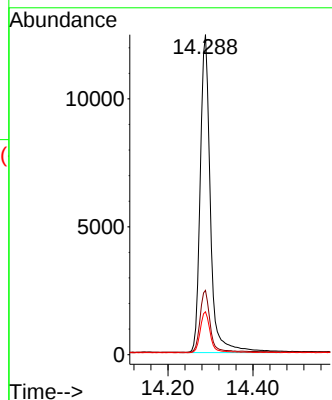
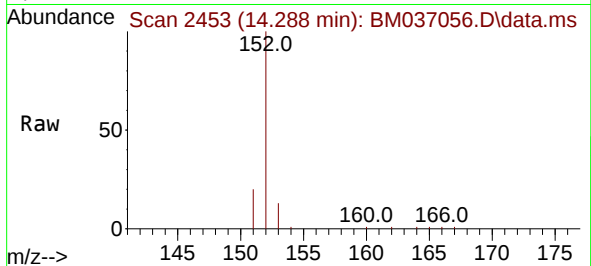




#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. 0.004 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

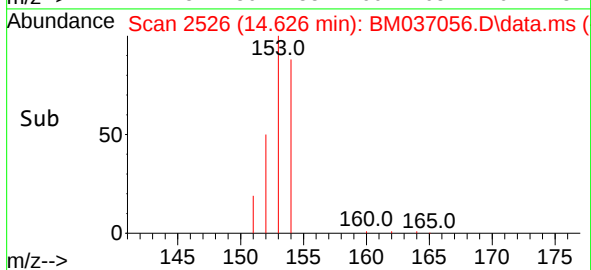
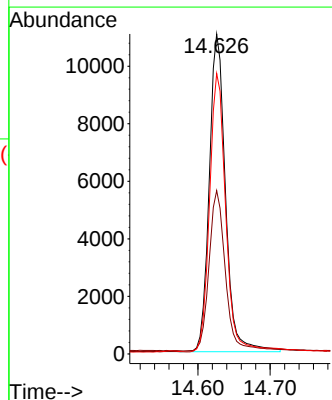
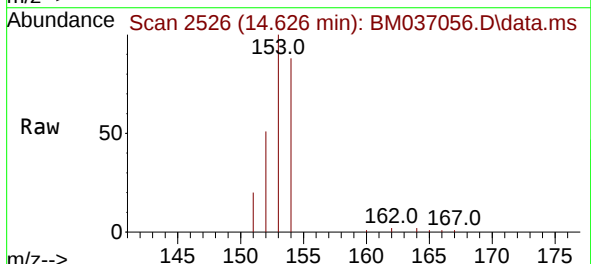
Instrument :
BNA_M
ClientSampleId :
SSTD0.4148

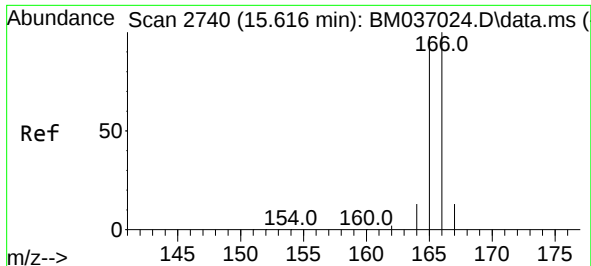
Tgt Ion:152 Resp: 20738
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.4 11.4 17.0



#11
Acenaphthene
Concen: 0.370 ng/ul
RT: 14.626 min Scan# 2526
Delta R.T. -0.001 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

Tgt Ion:153 Resp: 17198
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 87.7 69.7 104.5

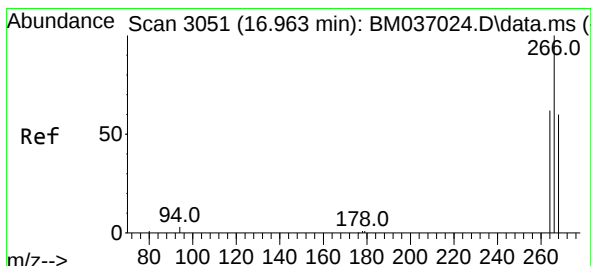
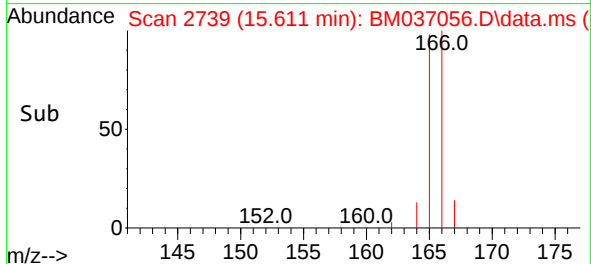
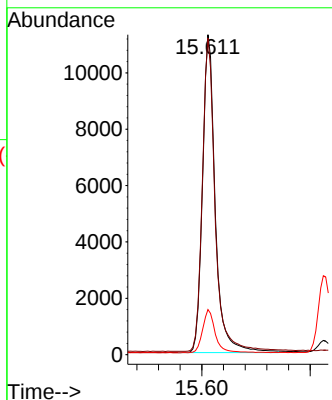
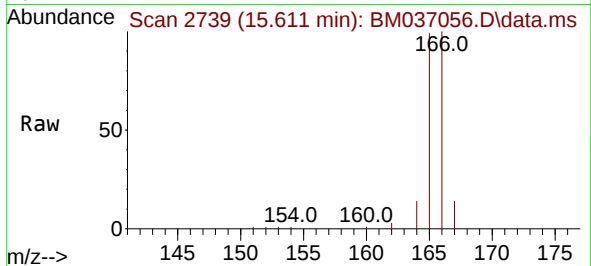




#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.611 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

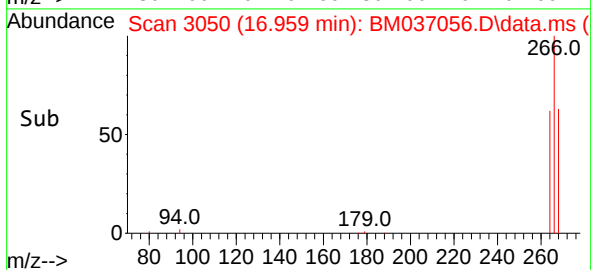
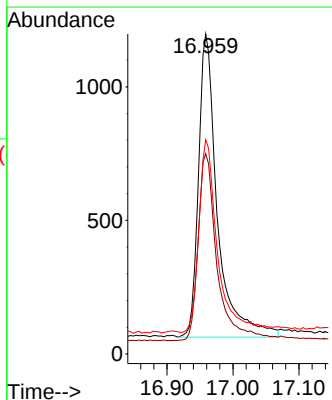
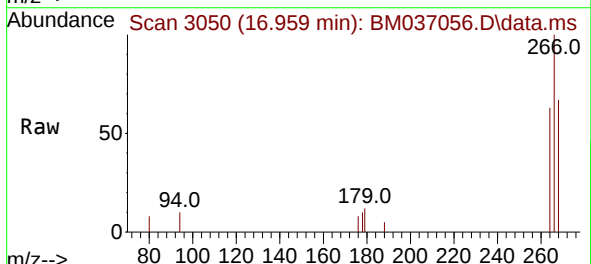
Instrument :
BNA_M
ClientSampleId :
SSTD0.4148

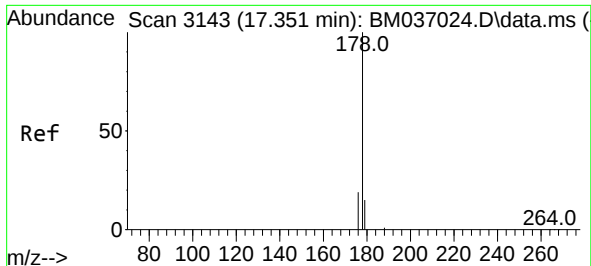
Tgt Ion:166 Resp: 18451
Ion Ratio Lower Upper
166 100
165 98.9 78.9 118.3
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.413 ng/ul
RT: 16.959 min Scan# 3050
Delta R.T. -0.001 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

Tgt Ion:266 Resp: 2269
Ion Ratio Lower Upper
266 100
264 61.7 50.3 75.5
268 64.0 53.5 80.3

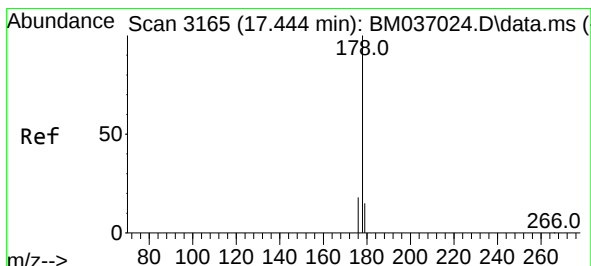
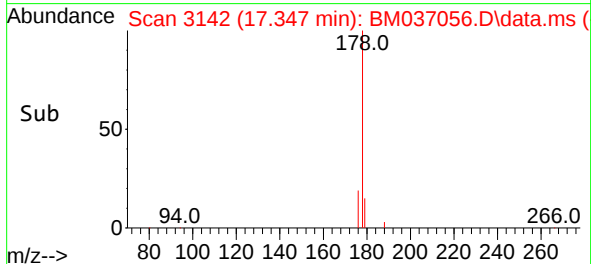
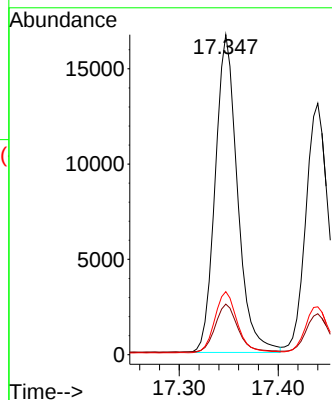
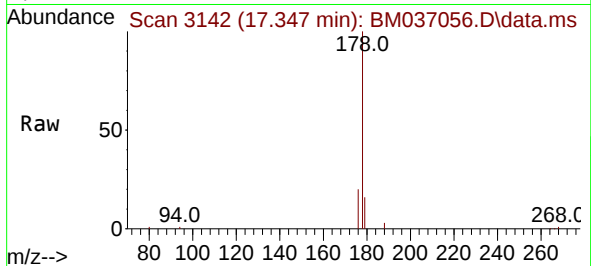




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. 0.003 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

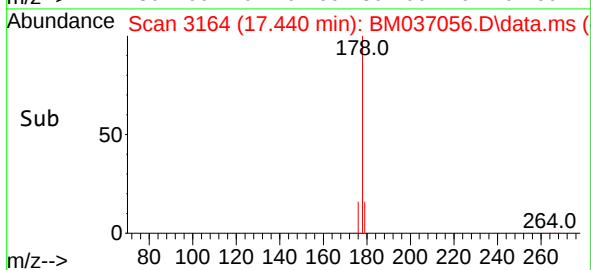
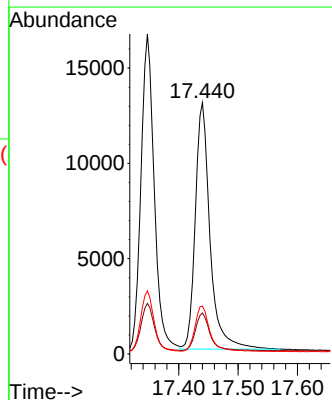
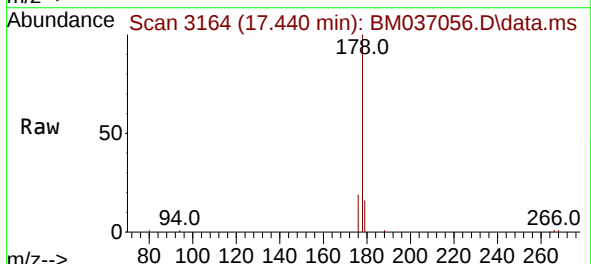
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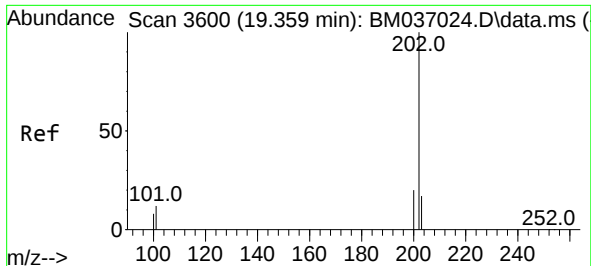
Tgt Ion:178 Resp: 26094
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.368 ng/ul
RT: 17.440 min Scan# 3164
Delta R.T. 0.003 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

Tgt Ion:178 Resp: 22281
Ion Ratio Lower Upper
178 100
179 16.3 13.6 20.4
176 19.1 15.6 23.4

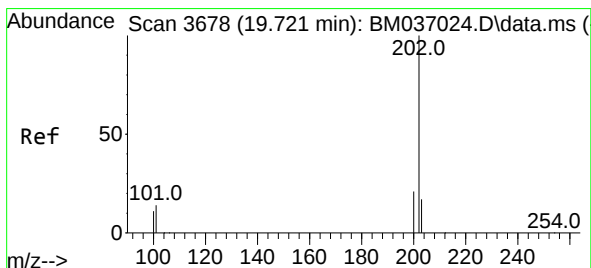
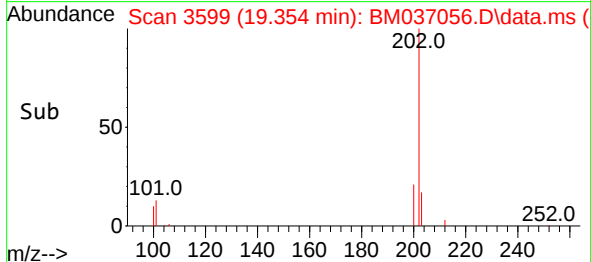
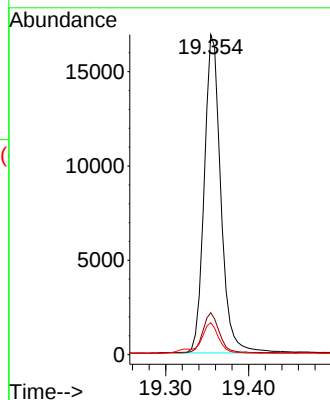
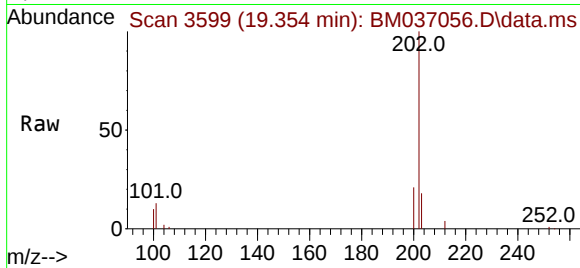




#19
Fluoranthene
Concen: 0.459 ng/ul
RT: 19.354 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

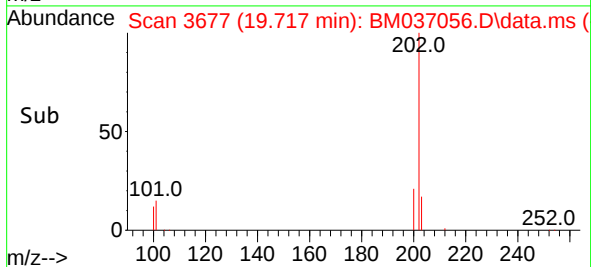
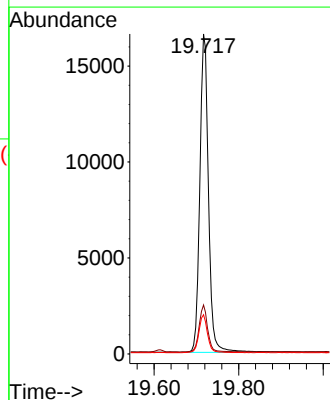
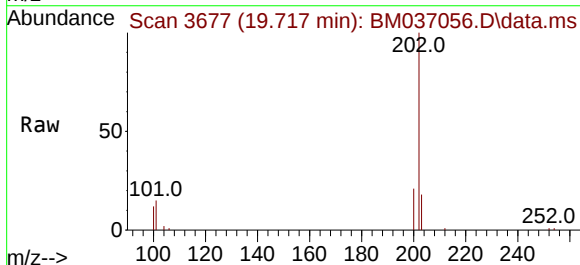
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SSTD0.4148

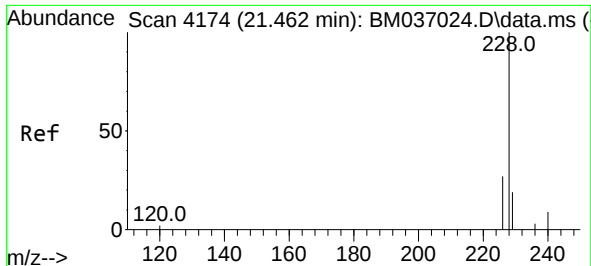
Tgt Ion:202 Resp: 23468
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 10.0 7.9 11.9



#20
Pyrene
Concen: 0.440 ng/ul
RT: 19.717 min Scan# 3677
Delta R.T. -0.001 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

Tgt Ion:202 Resp: 23439
Ion Ratio Lower Upper
202 100
101 15.3 12.0 18.0
100 12.2 9.8 14.6

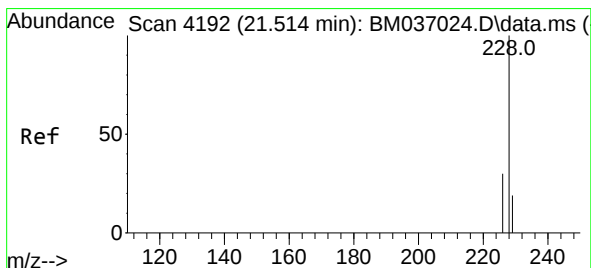
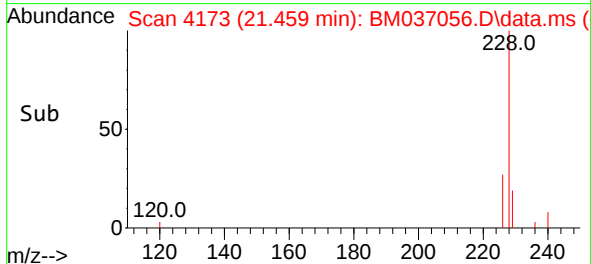
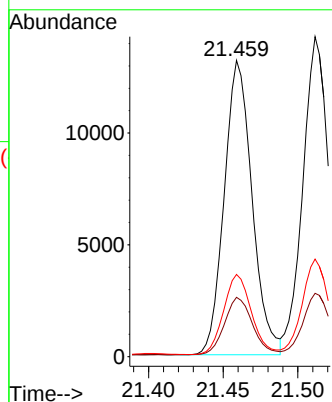
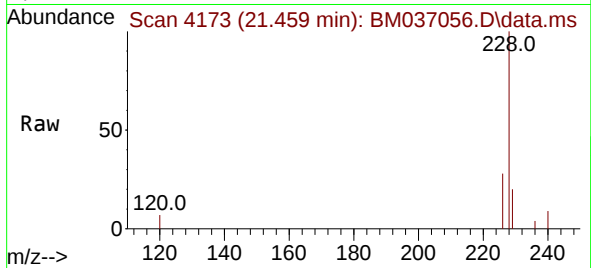




#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

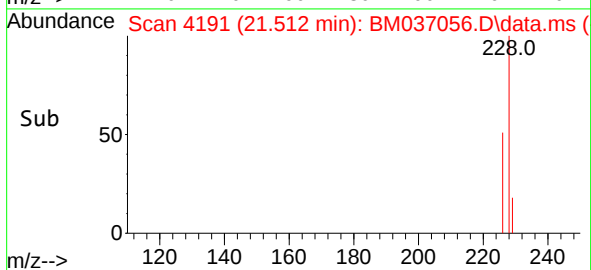
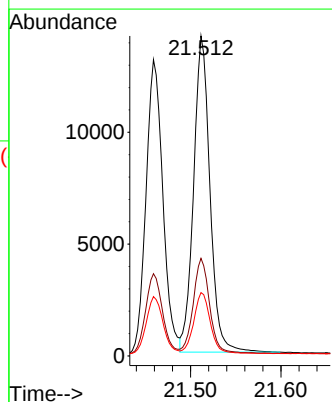
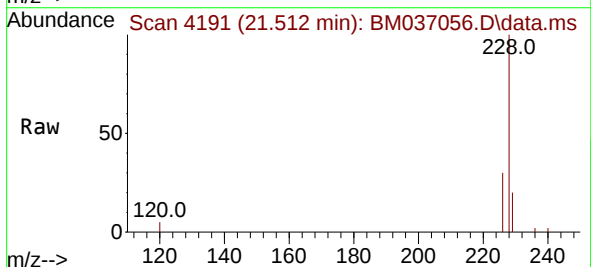
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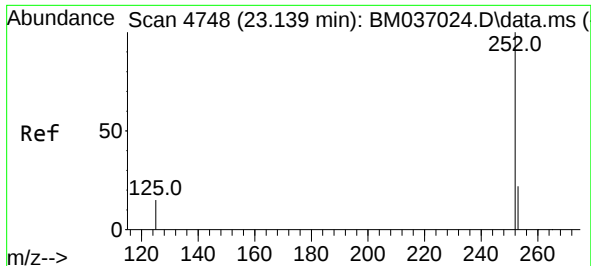
Tgt Ion:228 Resp: 17132
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.7 22.5 33.7



#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.512 min Scan# 4191
Delta R.T. 0.001 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

Tgt Ion:228 Resp: 17795
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.8 16.4 24.6

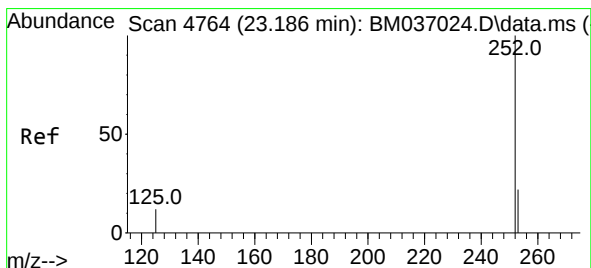
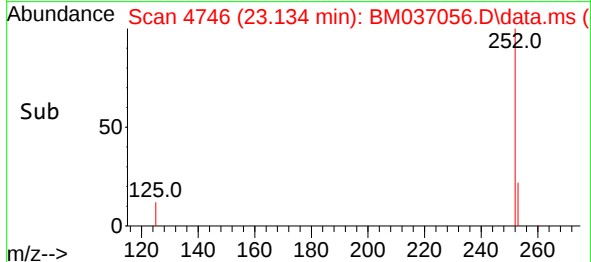
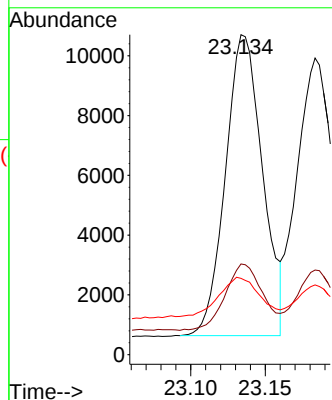
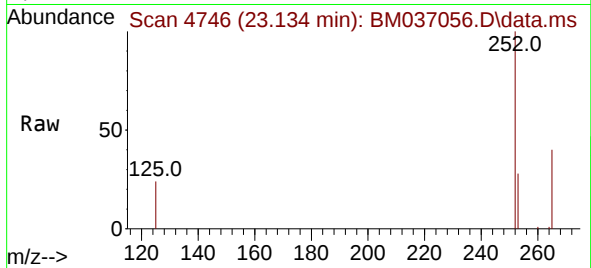




#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 23.134 min Scan# 4748
Delta R.T. -0.002 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

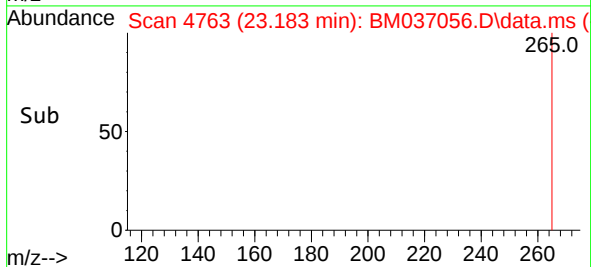
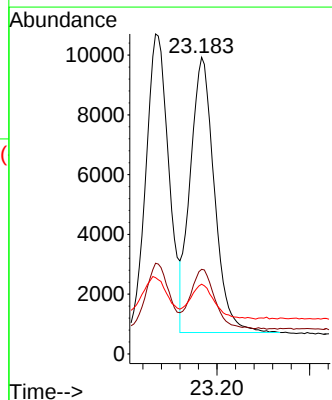
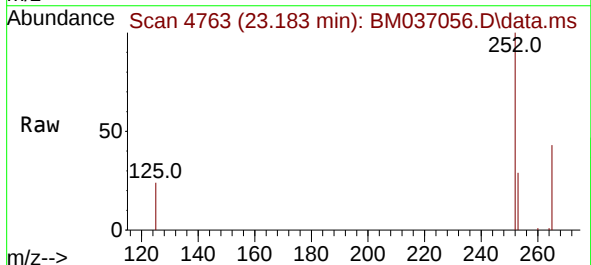
Instrument :
BNA_M
ClientSampleId :
SSTD0.4148

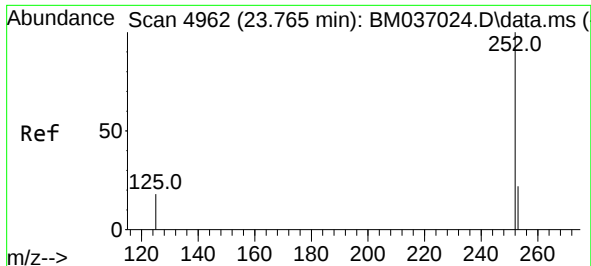
Tgt Ion:252	Resp:	17435
Ion Ratio	Lower	Upper
252	100	
253	28.4	0.0 61.4
125	23.9	0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.183 min Scan# 4763
Delta R.T. 0.001 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

Tgt Ion:252	Resp:	16666
Ion Ratio	Lower	Upper
252	100	
253	28.5	25.2 37.8
125	23.5	18.3 27.5

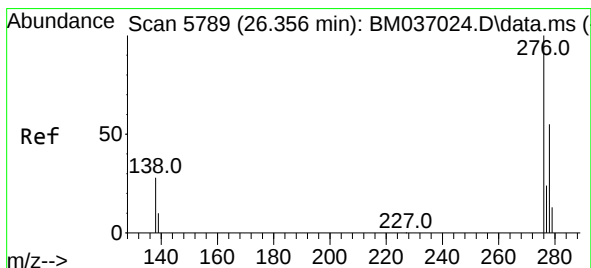
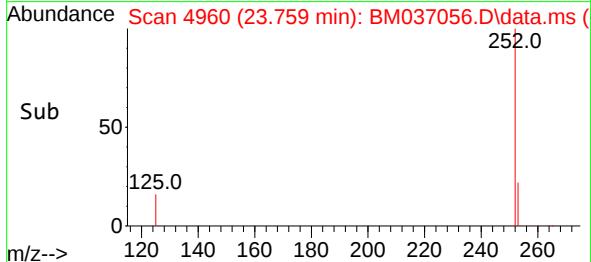
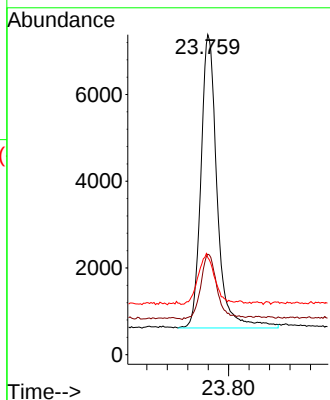
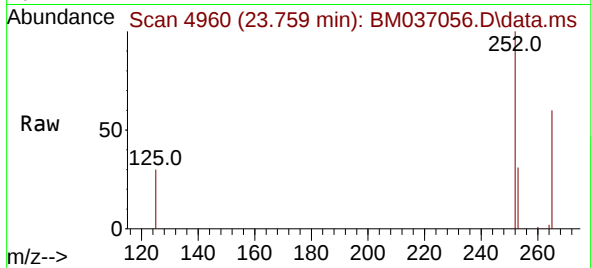




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.759 min Scan# 4962
Delta R.T. 0.001 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

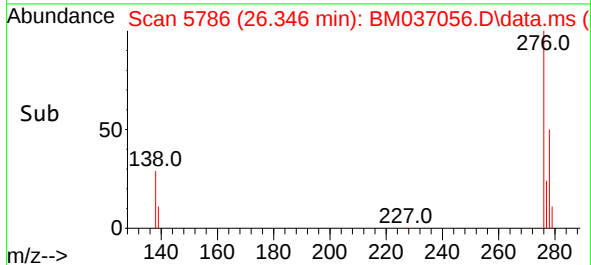
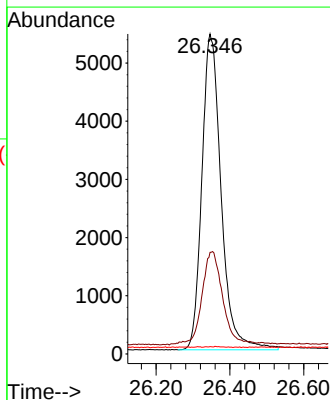
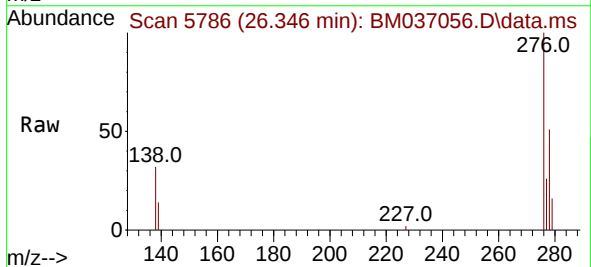
Instrument :
BNA_M
ClientSampleId :
SSTD0.4148

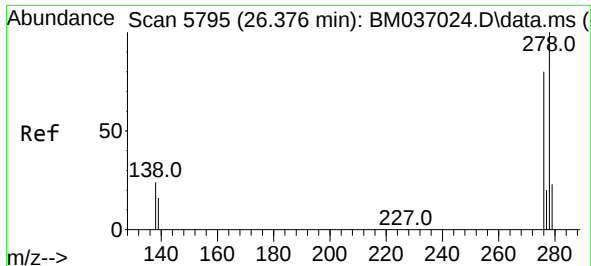
Tgt Ion:	252	Resp:	14857
Ion Ratio	Lower	Upper	
252	100		
253	31.4	29.7	44.5
125	30.4	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.346 min Scan# 5786
Delta R.T. 0.004 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

Tgt Ion:	276	Resp:	19682
Ion Ratio	Lower	Upper	
276	100		
138	31.9	23.9	35.9
227	0.1	0.1	0.1

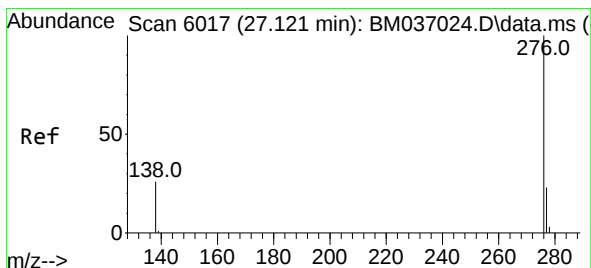
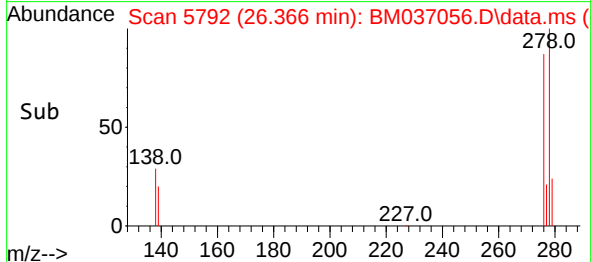
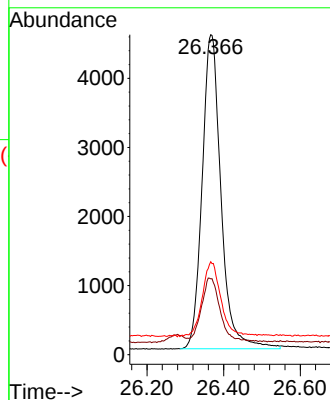
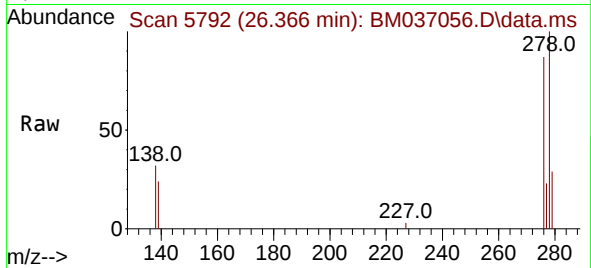




#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 26.366 min Scan# 5795
Delta R.T. 0.004 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

Instrument :
BNA_M
ClientSampleId :
SSTD0.4148

Tgt Ion:278 Resp: 15608
Ion Ratio Lower Upper
278 100
139 23.7 19.8 29.6
279 29.1 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 27.111 min Scan# 6014
Delta R.T. 0.004 min
Lab File: BM037056.D
Acq: 14 Oct 2022 16:10

Tgt Ion:276 Resp: 17019
Ion Ratio Lower Upper
276 100
138 29.4 23.4 35.0
277 25.2 21.0 31.4

