

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042077.D
 Acq On : 26 Sep 2023 19:17
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4099

Quant Time: Sep 27 04:26:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

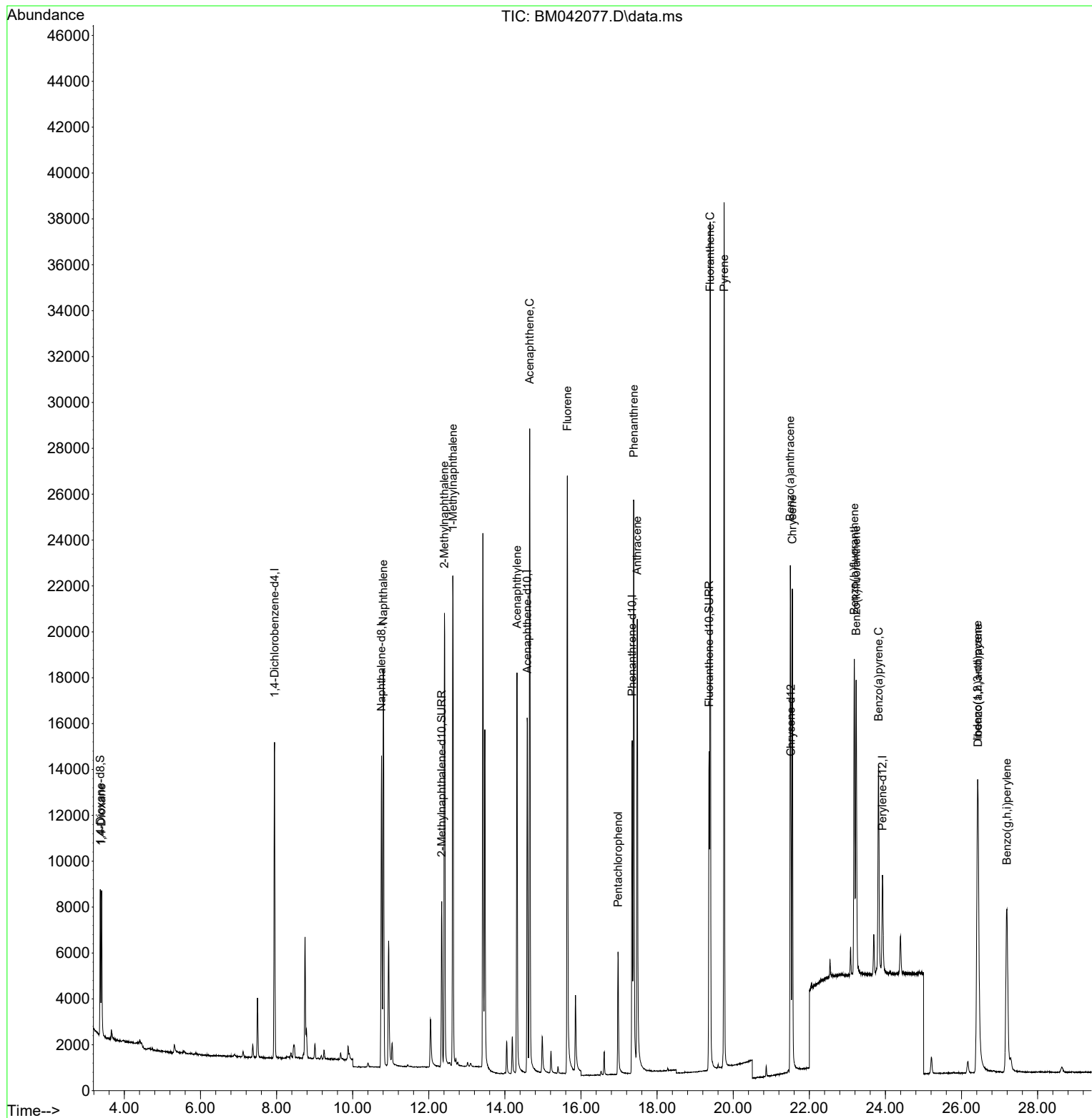
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	7021	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	17539	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.588	164	8254	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.346	188	16185	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	6385	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	6173	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	3594	0.376	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	9306	0.424	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	12544	0.477	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	3792	0.377	ng/ul	94
5) Naphthalene	10.807	128	23702	0.403	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	14433	0.412	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	14740	0.415	ng/ul	99
10) Acenaphthylene	14.319	152	21590	0.390	ng/ul	99
11) Acenaphthene	14.652	153	16855	0.398	ng/ul	99
12) Fluorene	15.642	166	18746	0.392	ng/ul	99
14) Pentachlorophenol	16.974	266	3944	0.461	ng/ul	99
15) Phenanthrene	17.388	178	28674	0.382	ng/ul	100
16) Anthracene	17.477	178	24951	0.385	ng/ul	99
19) Fluoranthene	19.394	202	30026	0.416	ng/ul	98
20) Pyrene	19.761	202	30509	0.430	ng/ul	99
21) Benzo(a)anthracene	21.501	228	18317	0.378	ng/ul	100
22) Chrysene	21.553	228	18725	0.374	ng/ul	99
24) Benzo(b)fluoranthene	23.181	252	18138	0.382	ng/ul	99
25) Benzo(k)fluoranthene	23.231	252	17245	0.373	ng/ul	98
26) Benzo(a)pyrene	23.819	252	14672	0.376	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.421	276	19806	0.369	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.435	278	14287	0.369	ng/ul	99
29) Benzo(g,h,i)perylene	27.192	276	17229	0.382	ng/ul	99

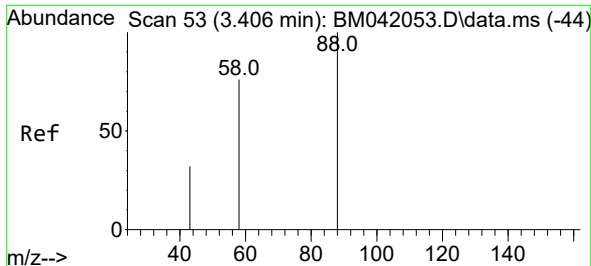
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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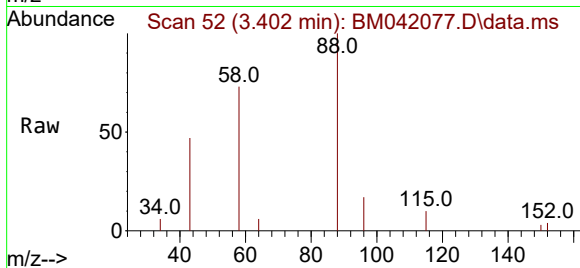
Quant Time: Sep 27 04:26:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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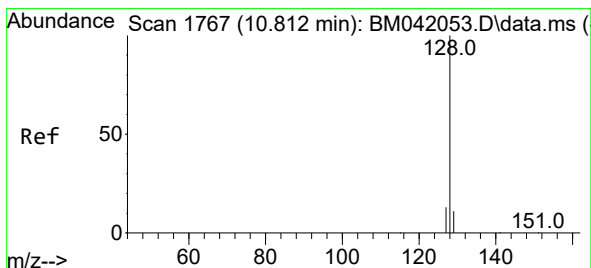
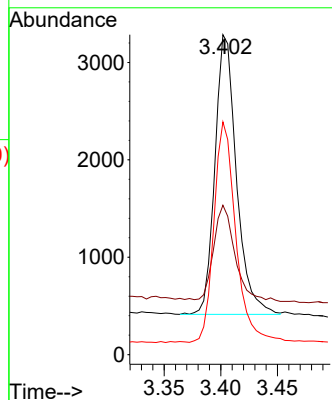
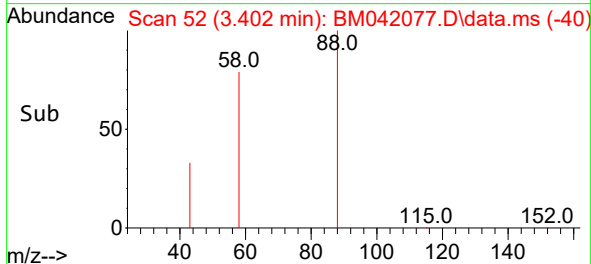


#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

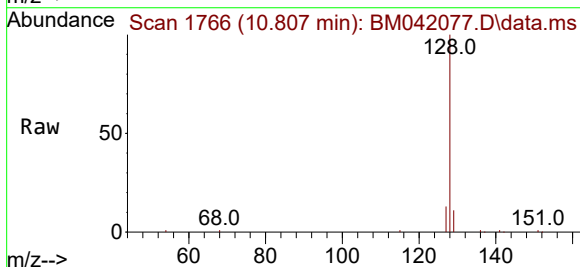
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099



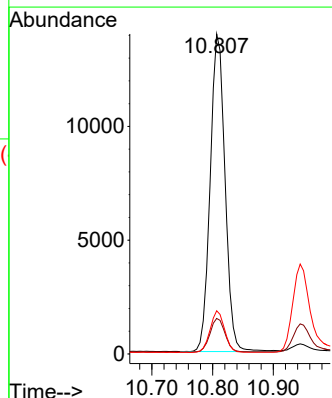
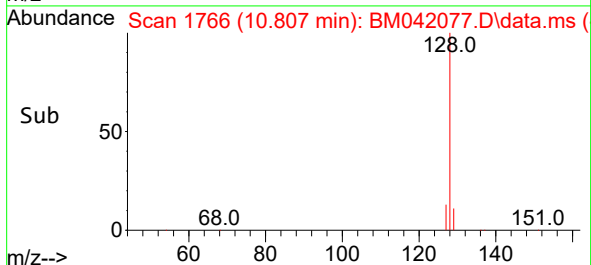
Tgt Ion: 88 Resp: 3792
Ion Ratio Lower Upper
88 100
43 46.7 42.9 64.3
58 72.8 56.4 84.6

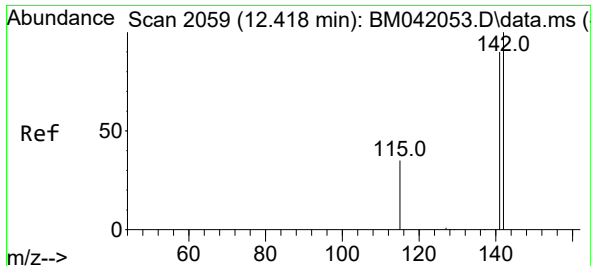


#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17



Tgt Ion: 128 Resp: 23702
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.5 10.8 16.2

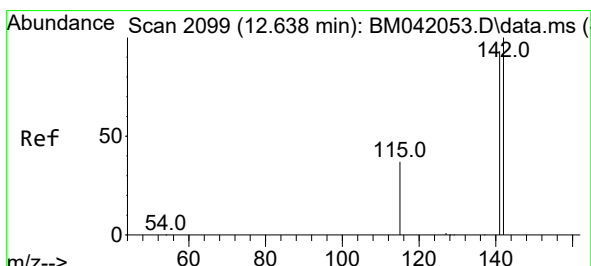
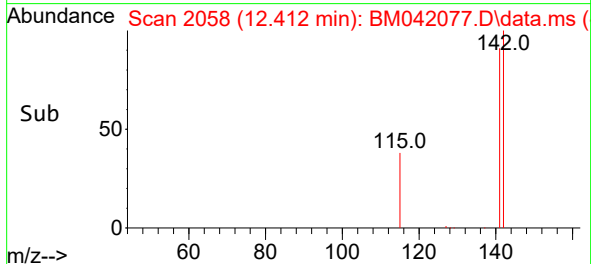
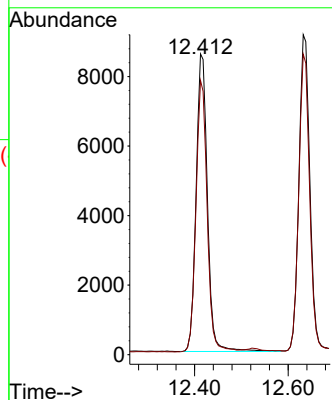
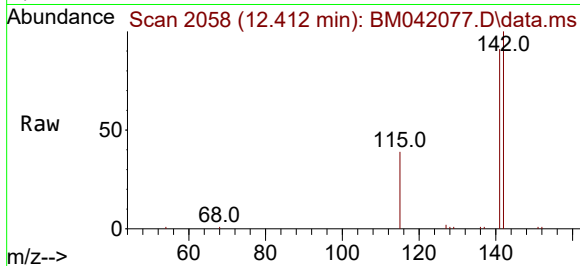




#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.412 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

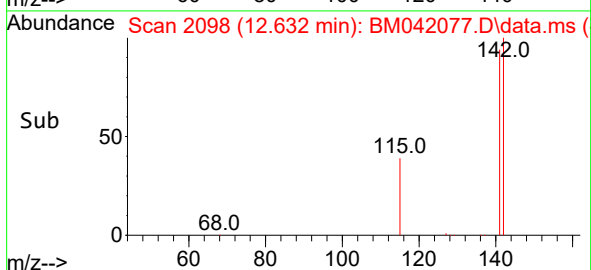
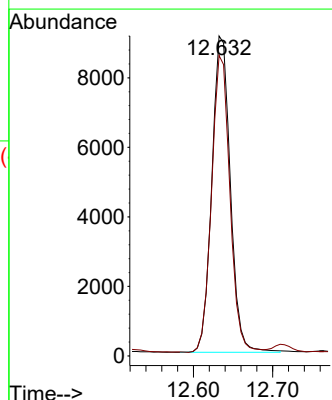
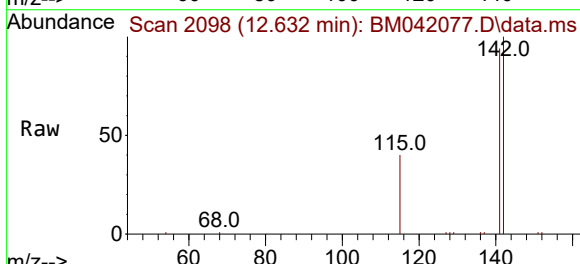
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

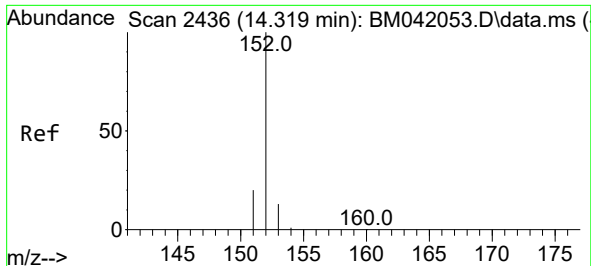
Tgt Ion:142 Resp: 14433
Ion Ratio Lower Upper
142 100
141 90.2 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

Tgt Ion:142 Resp: 14740
Ion Ratio Lower Upper
142 100
141 93.1 75.1 112.7

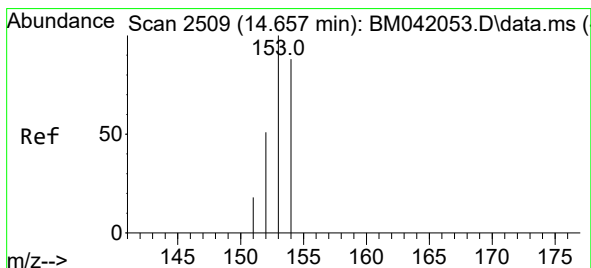
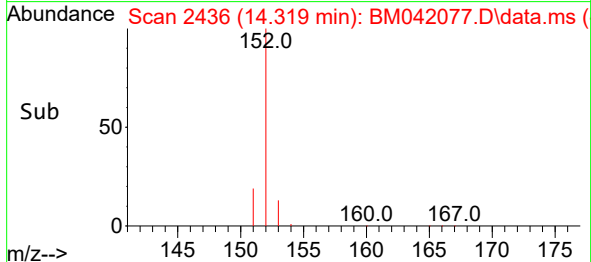
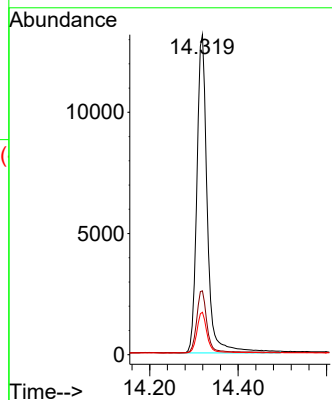
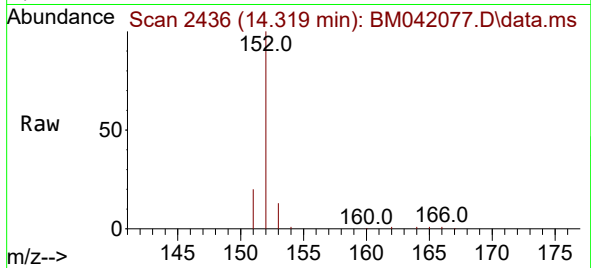




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.319 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

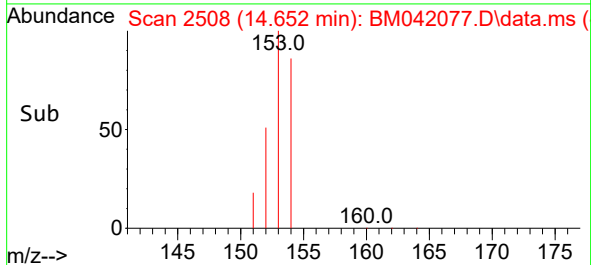
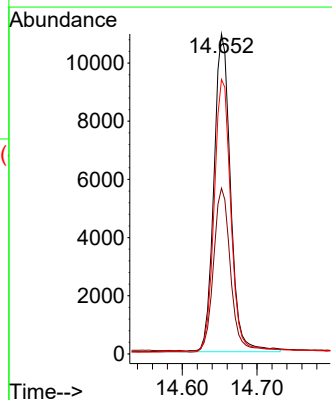
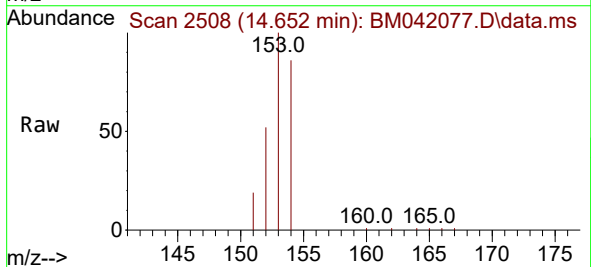
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

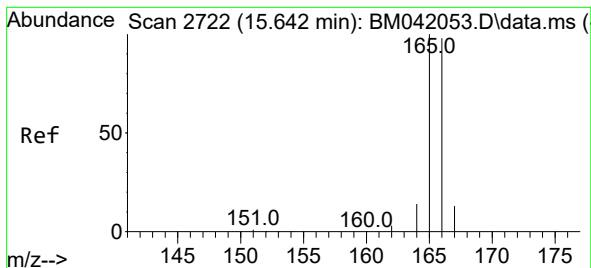
Tgt Ion:152 Resp: 21590
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.3 10.8 16.2



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.652 min Scan# 2508
Delta R.T. -0.009 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

Tgt Ion:153 Resp: 16855
Ion Ratio Lower Upper
153 100
152 51.8 41.8 62.8
154 85.8 69.0 103.6





#12

Fluorene

Concen: 0.392 ng/ul

RT: 15.642 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM042077.D

Acq: 26 Sep 2023 19:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.4099

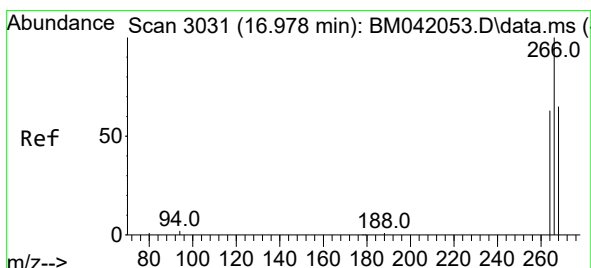
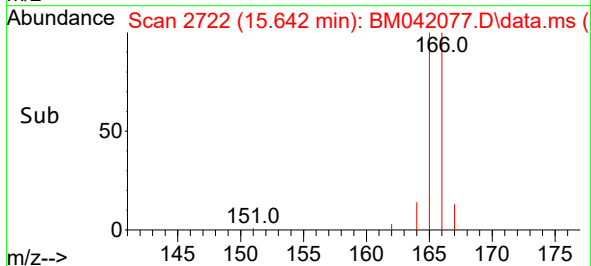
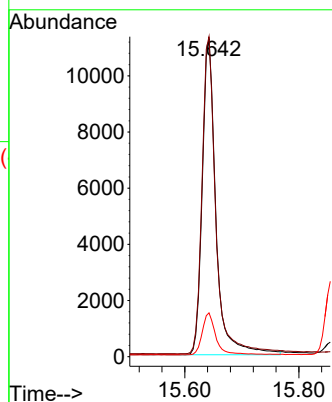
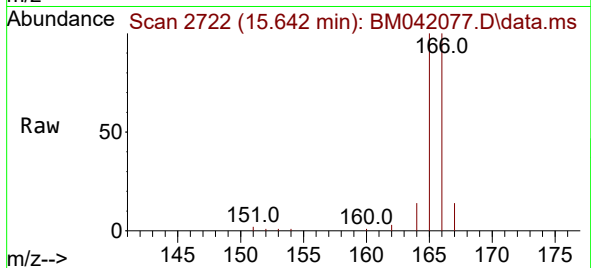
Tgt Ion:166 Resp: 18746

Ion Ratio Lower Upper

166 100

165 100.5 79.8 119.8

167 13.8 11.1 16.7



#14

Pentachlorophenol

Concen: 0.461 ng/ul

RT: 16.974 min Scan# 3030

Delta R.T. -0.008 min

Lab File: BM042077.D

Acq: 26 Sep 2023 19:17

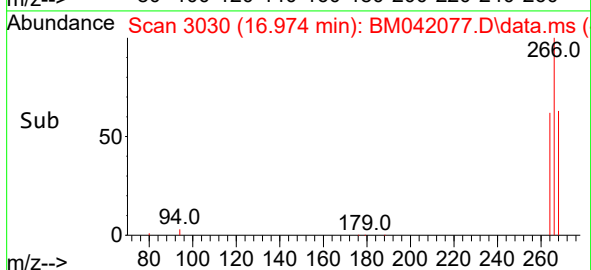
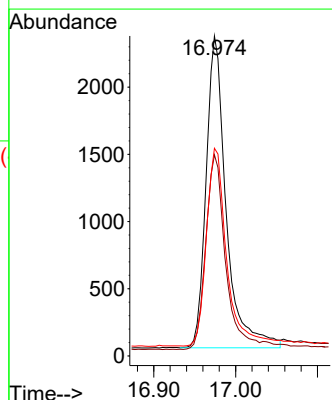
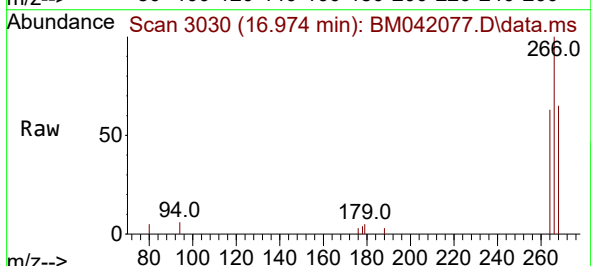
Tgt Ion:266 Resp: 3944

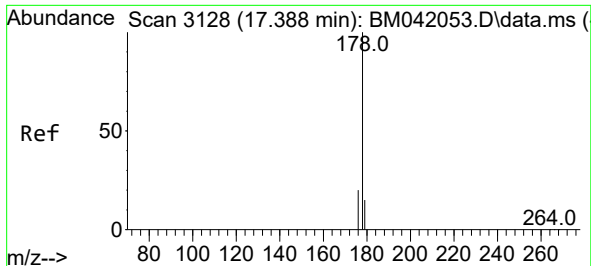
Ion Ratio Lower Upper

266 100

264 63.1 50.2 75.4

268 65.1 51.0 76.4

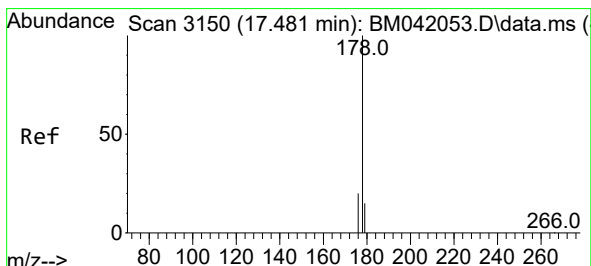
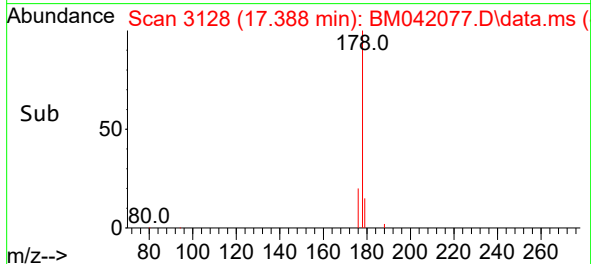
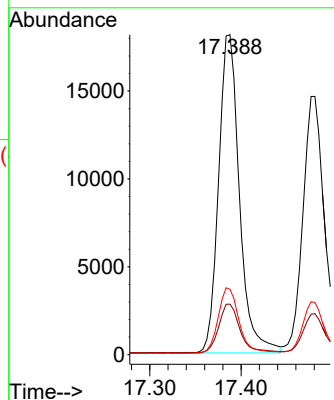
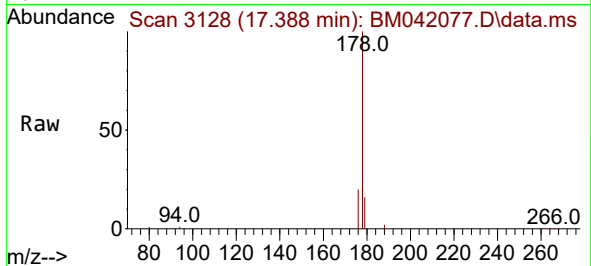




#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

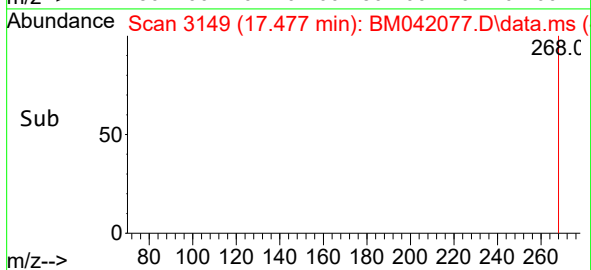
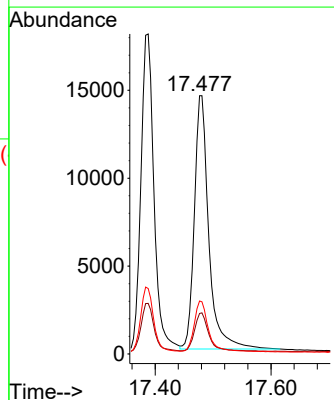
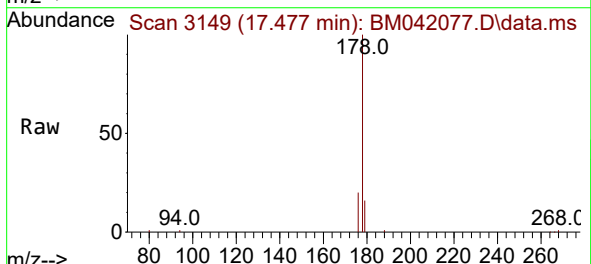
Instrument :
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SSTD0.4099

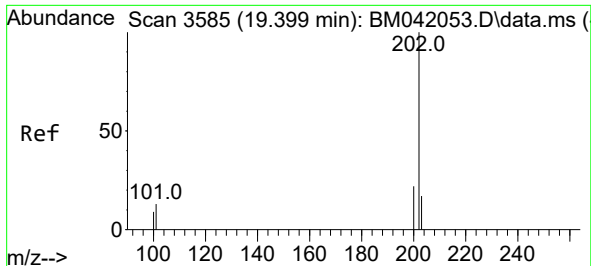
Tgt Ion:	178	Resp:	28674
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.7	19.1
176	20.4	16.6	24.8



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.012 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

Tgt Ion:	178	Resp:	24951
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.9	19.3
176	20.5	16.2	24.2

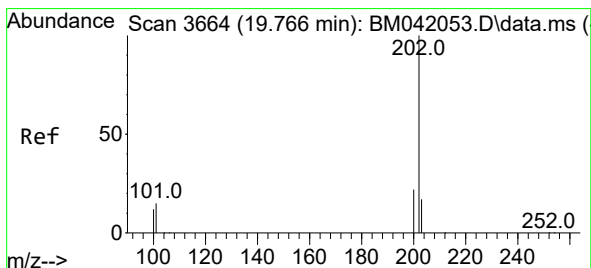
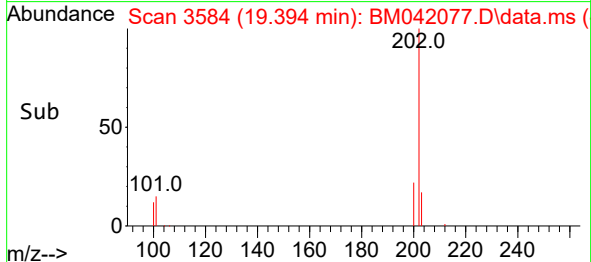
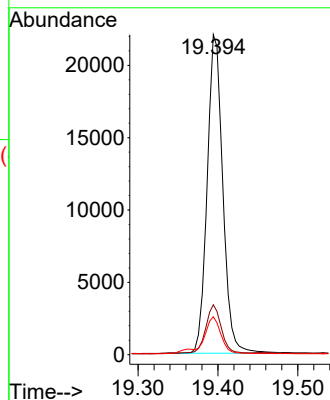
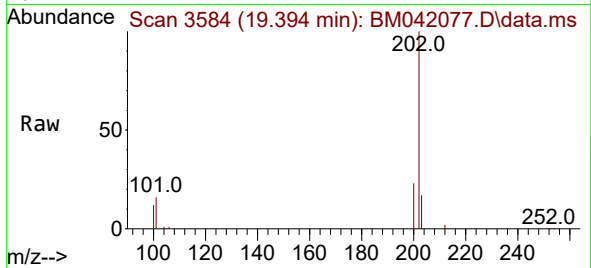




#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

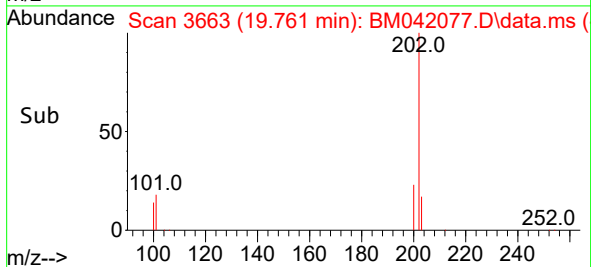
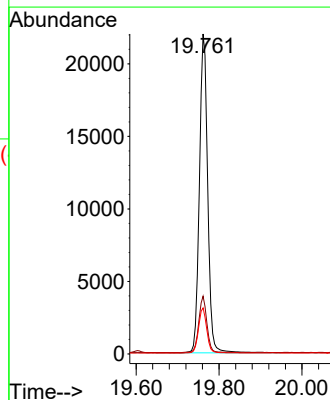
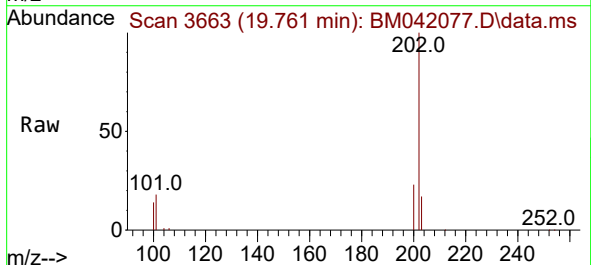
Instrument :
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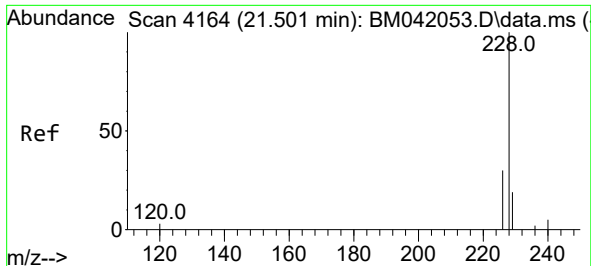
Tgt Ion:202 Resp: 30026
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.6
100 11.9 9.1 13.7



#20
Pyrene
Concen: 0.430 ng/ul
RT: 19.761 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

Tgt Ion:202 Resp: 30509
Ion Ratio Lower Upper
202 100
101 18.0 14.1 21.1
100 14.4 11.4 17.0

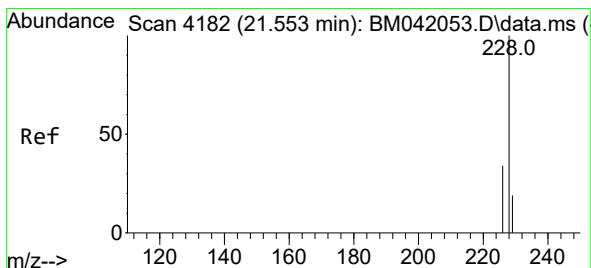
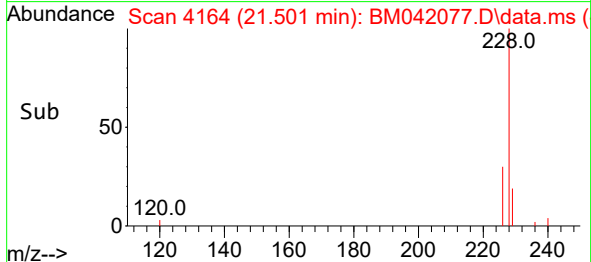
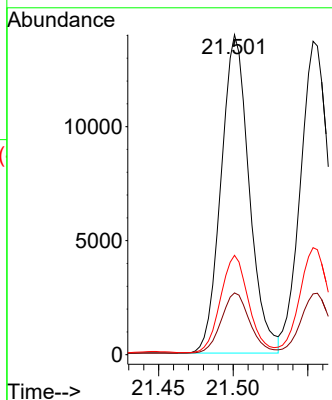
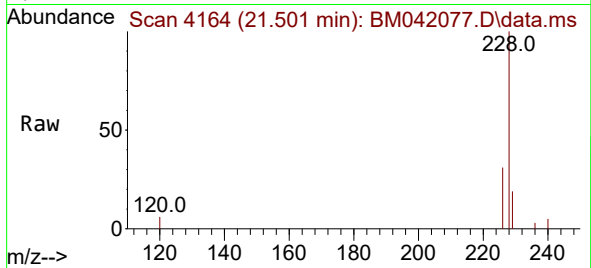




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

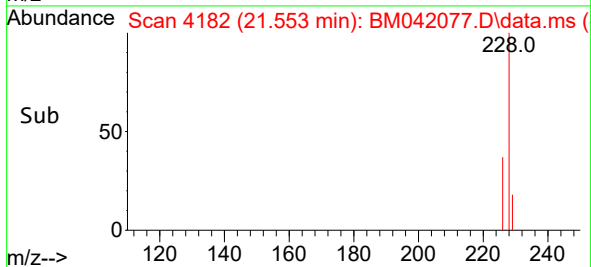
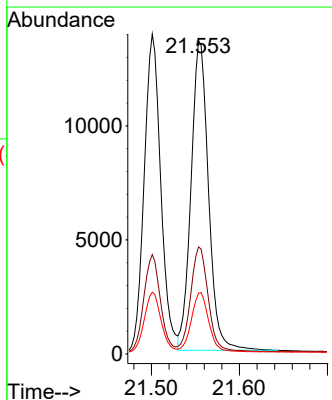
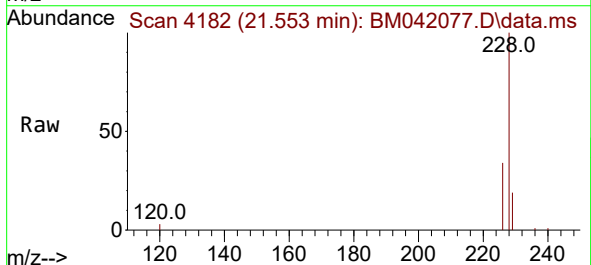
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

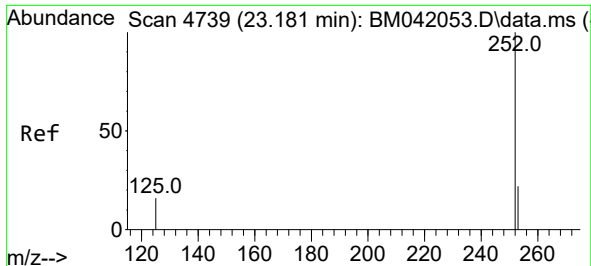
Tgt Ion:228 Resp: 18317
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 31.0 24.8 37.2



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.009 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

Tgt Ion:228 Resp: 18725
Ion Ratio Lower Upper
228 100
226 34.1 27.8 41.6
229 19.4 15.6 23.4

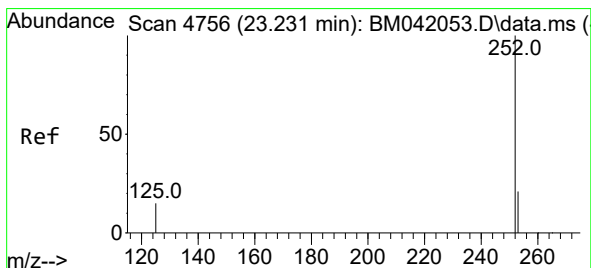
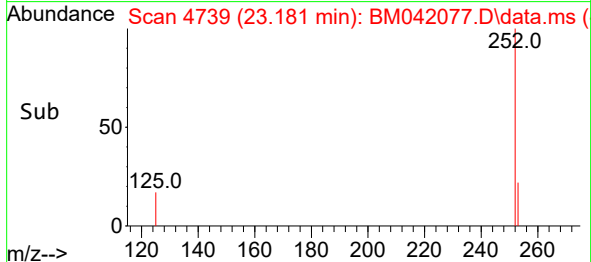
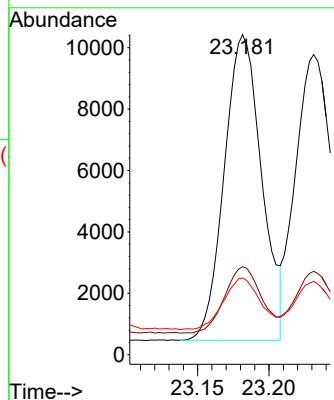
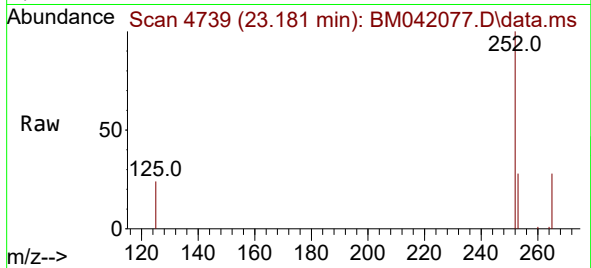




#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.181 min Scan# 4739
Delta R.T. -0.009 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

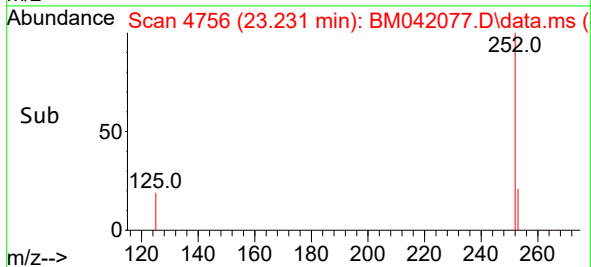
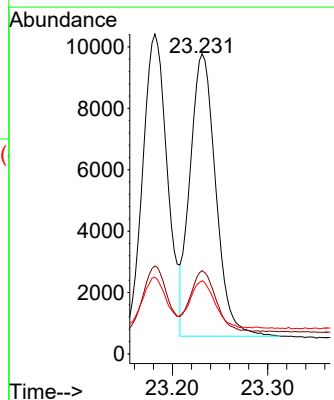
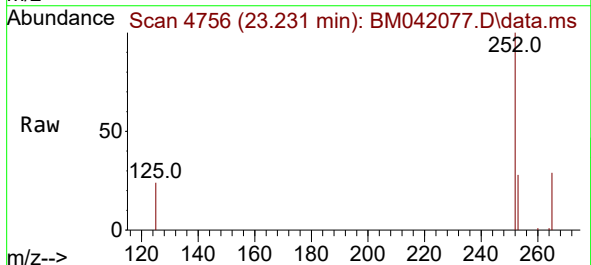
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

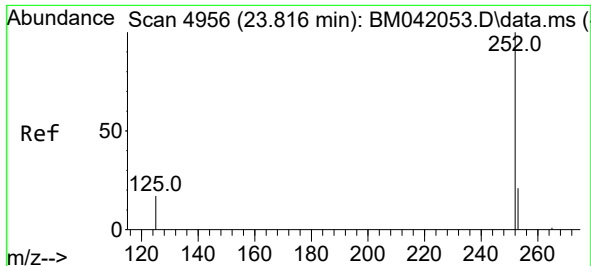
Tgt Ion:252 Resp: 18138
Ion Ratio Lower Upper
252 100
253 27.5 0.0 54.4
125 23.9 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.231 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

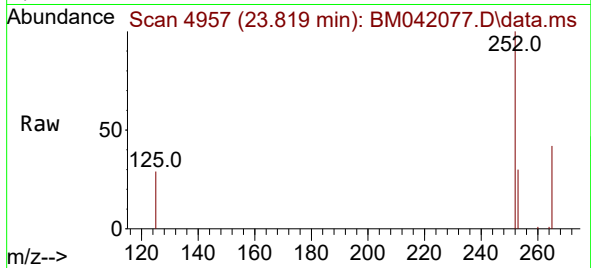
Tgt Ion:252 Resp: 17245
Ion Ratio Lower Upper
252 100
253 27.8 21.0 31.6
125 24.4 19.0 28.6



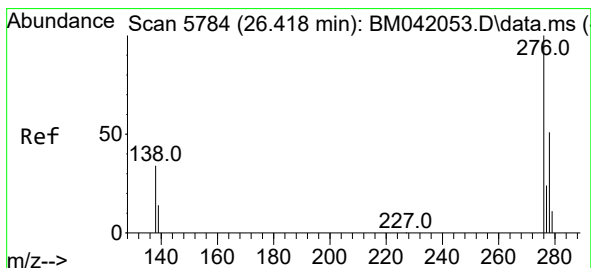
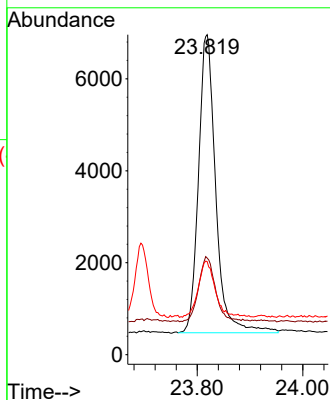
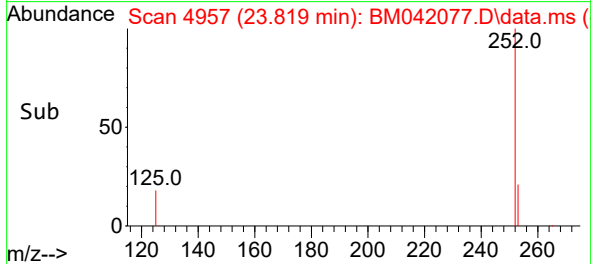


#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.819 min Scan# 4956
Delta R.T. -0.009 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

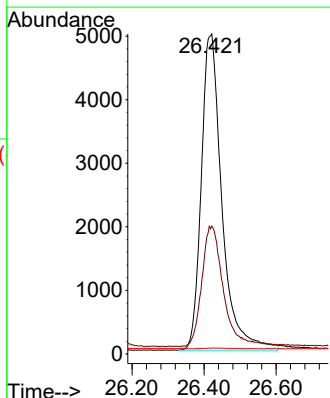
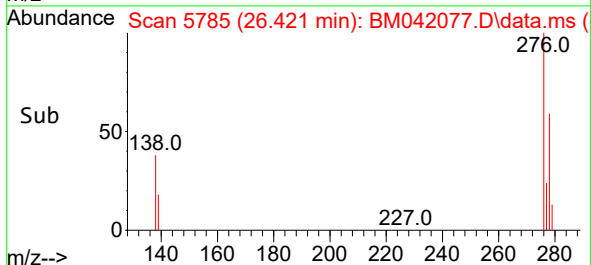
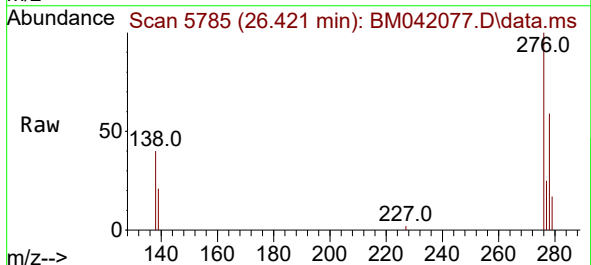


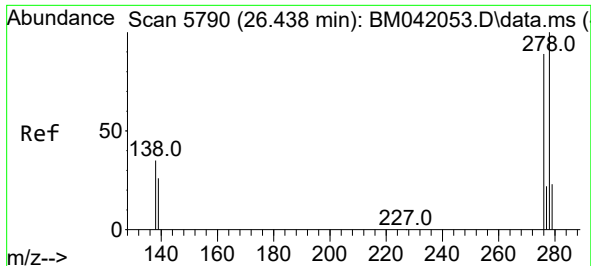
Tgt Ion:252 Resp: 14672
Ion Ratio Lower Upper
252 100
253 30.2 23.2 34.8
125 29.1 22.5 33.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 26.421 min Scan# 5785
Delta R.T. -0.010 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

Tgt Ion:276 Resp: 19806
Ion Ratio Lower Upper
276 100
138 39.8 32.1 48.1
227 0.0 0.2 0.2#

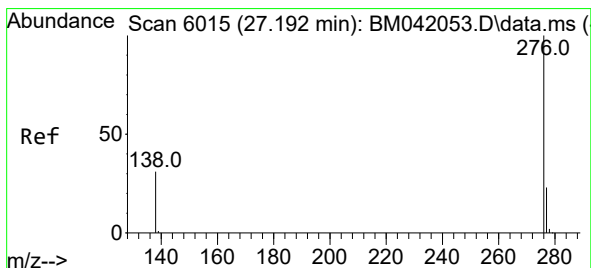
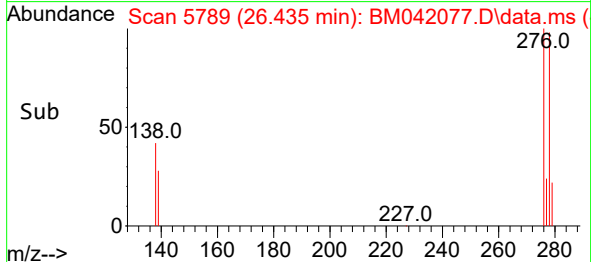
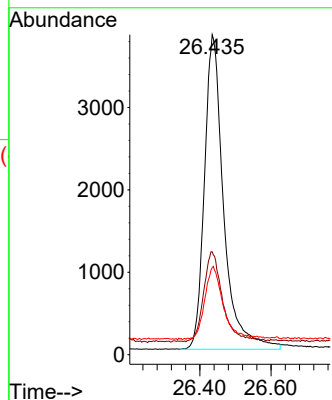
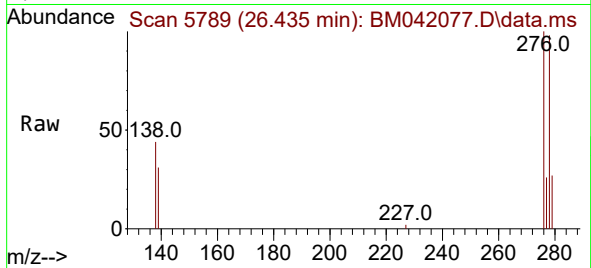




#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 26.435 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

Tgt Ion:278 Resp: 14287
Ion Ratio Lower Upper
278 100
139 32.1 25.0 37.6
279 27.2 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 27.192 min Scan# 6015
Delta R.T. -0.017 min
Lab File: BM042077.D
Acq: 26 Sep 2023 19:17

Tgt Ion:276 Resp: 17229
Ion Ratio Lower Upper
276 100
138 35.4 29.0 43.4
277 25.0 19.6 29.4

