

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011924\
 Data File : BM043878.D
 Acq On : 19 Jan 2024 18:44
 Operator : MA/JU
 Sample : SSTD3.295
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2048

Quant Time: Jan 19 22:39:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 22:34:12 2024
 Response via : Initial Calibration

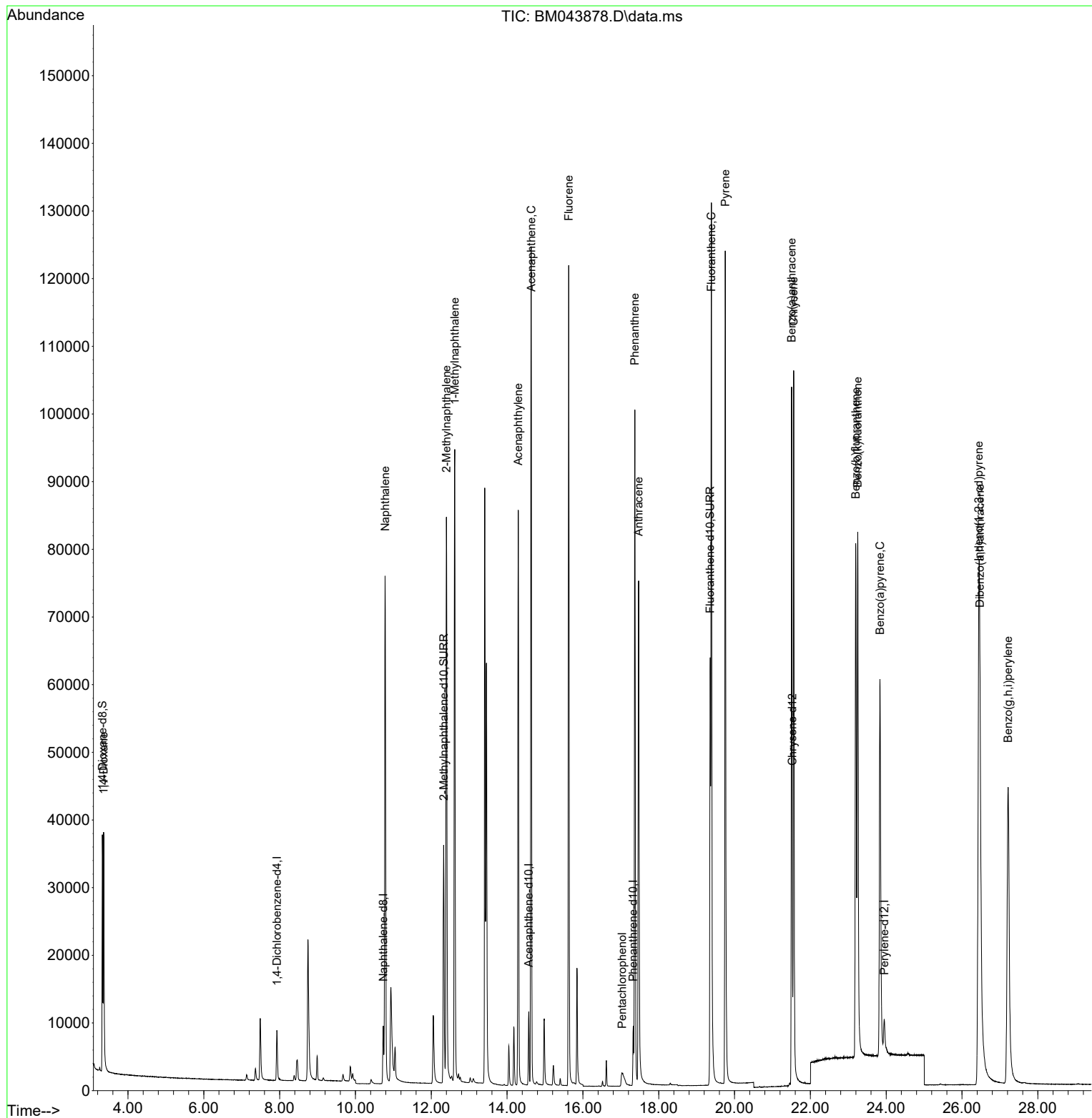
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	4640	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	12198	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.570	164	5886	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.326	188	11053	0.400	ng/ul	-0.03
17) Chrysene-d12	21.520	240	7152	0.400	ng/ul	-0.01
23) Perylene-d12	23.949	264	8085	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	19498	3.475	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	51410	2.916	ng/ul	-0.04
18) Fluoranthene-d10	19.359	212	76121	3.292	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.361	88	21543	3.611	ng/ul#	78
5) Naphthalene	10.781	128	112451	3.211	ng/ul	96
7) 2-Methylnaphthalene	12.398	142	68640	2.983	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	69443	2.972	ng/ul	99
10) Acenaphthylene	14.293	152	103037	3.266	ng/ul	97
11) Acenaphthene	14.635	153	74060	3.229	ng/ul	97
12) Fluorene	15.625	166	79600	3.029	ng/ul	99
14) Pentachlorophenol	17.035	266	5415	1.546	ng/ul#	85
15) Phenanthrene	17.368	178	115353	3.286	ng/ul	98
16) Anthracene	17.469	178	107325	3.211	ng/ul	98
19) Fluoranthene	19.387	202	122411	3.457	ng/ul	99
20) Pyrene	19.754	202	124607	3.378	ng/ul	99
21) Benzo(a)anthracene	21.506	228	101904	3.283	ng/ul	98
22) Chrysene	21.558	228	109027	3.262	ng/ul	97
24) Benzo(b)fluoranthene	23.195	252	103030	3.127	ng/ul	84
25) Benzo(k)fluoranthene	23.248	252	118746	3.267	ng/ul#	84
26) Benzo(a)pyrene	23.835	252	105646	3.421	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.440	276	144132	3.690	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.470	278	111406	3.682	ng/ul#	87
29) Benzo(g,h,i)perylene	27.215	276	120905	3.702	ng/ul	95

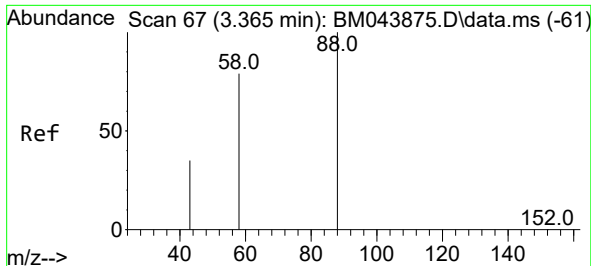
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011924\
Data File : BM043878.D
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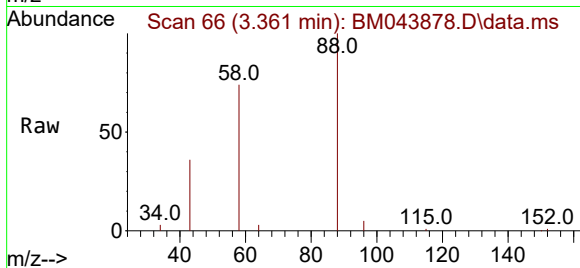
Quant Time: Jan 19 22:39:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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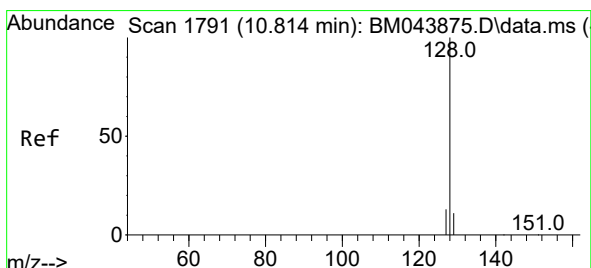
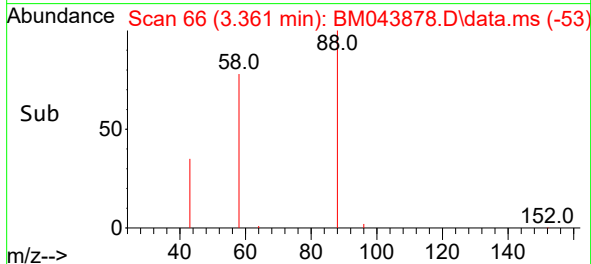
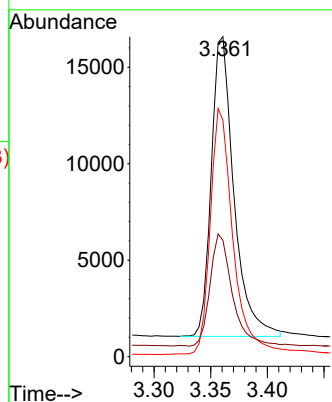


#2
1,4-Dioxane
Concen: 3.611 ng/ul
RT: 3.361 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

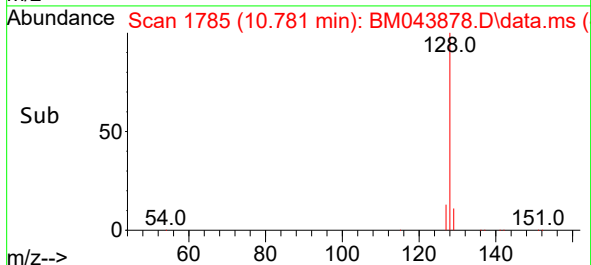
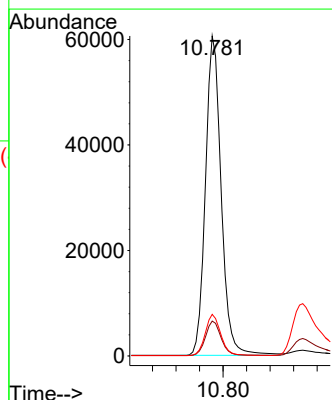
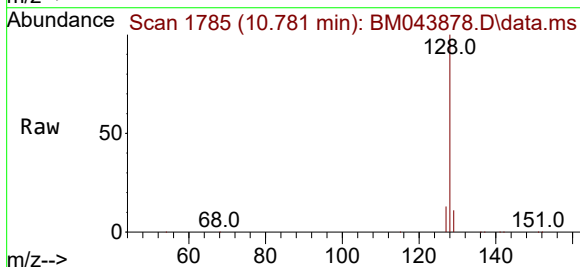


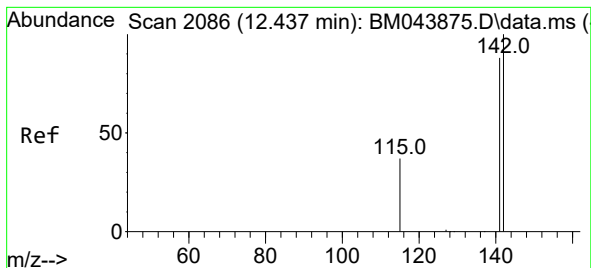
Tgt Ion: 88 Resp: 21543
Ion Ratio Lower Upper
88 100
43 36.3 32.2 48.4
58 73.9 40.2 60.4#



#5
Naphthalene
Concen: 3.211 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. -0.033 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

Tgt Ion: 128 Resp: 112451
Ion Ratio Lower Upper
128 100
129 10.9 10.0 15.0
127 13.0 11.4 17.0

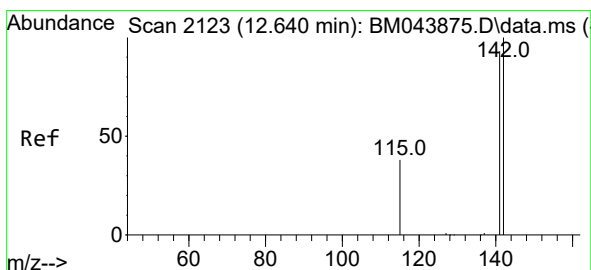
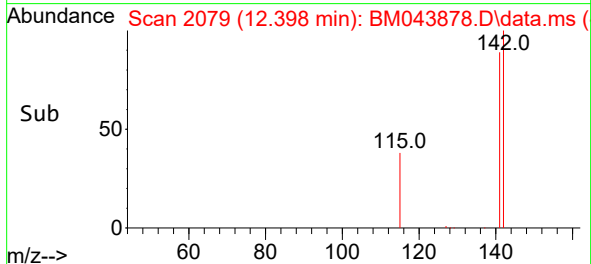
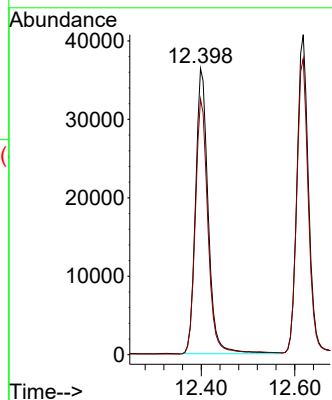
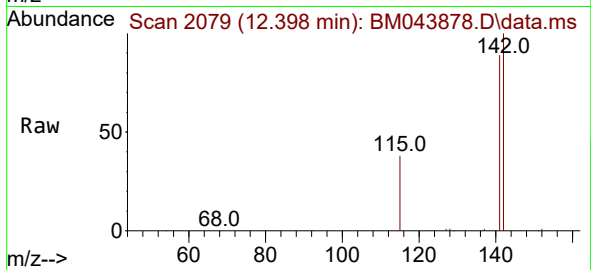




#7
2-Methylnaphthalene
Concen: 2.983 ng/ul
RT: 12.398 min Scan# 2086
Delta R.T. -0.038 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

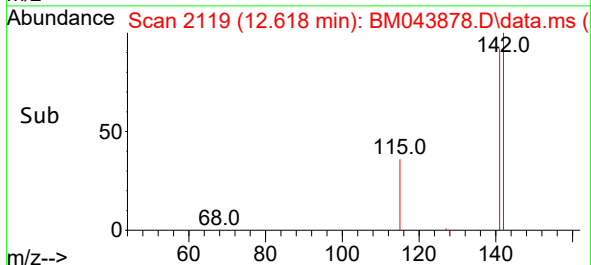
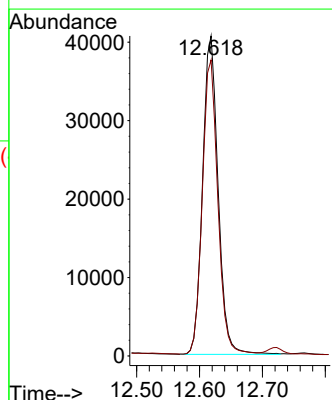
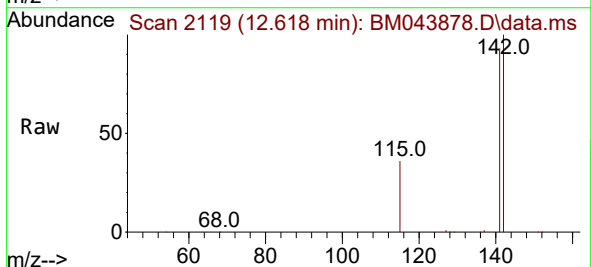
Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

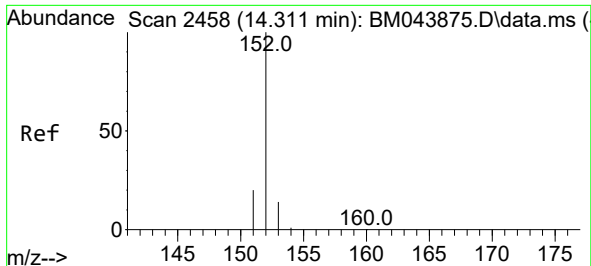
Tgt Ion:142 Resp: 68640
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4



#8
1-Methylnaphthalene
Concen: 2.972 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.022 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

Tgt Ion:142 Resp: 69443
Ion Ratio Lower Upper
142 100
141 92.3 74.6 111.8

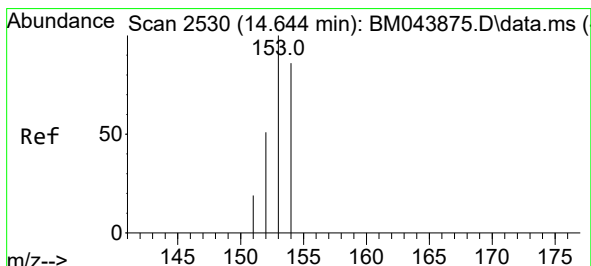
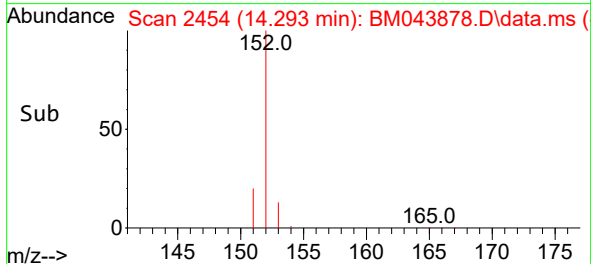
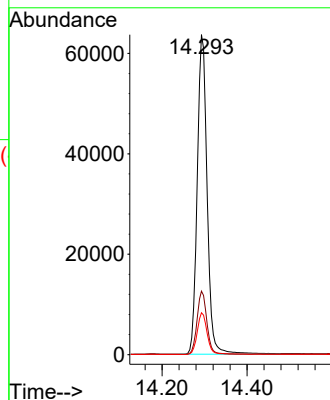
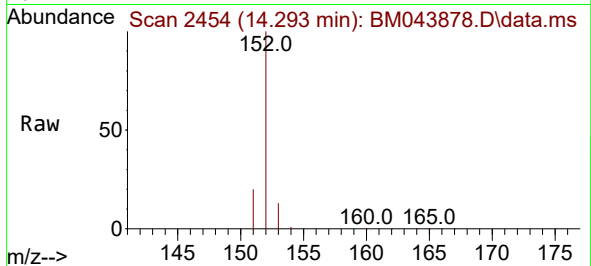




#10
Acenaphthylene
Concen: 3.266 ng/ul
RT: 14.293 min Scan# 2458
Delta R.T. -0.018 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

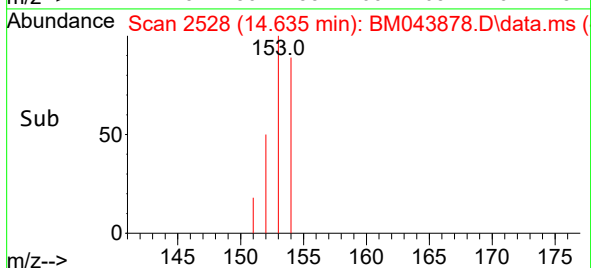
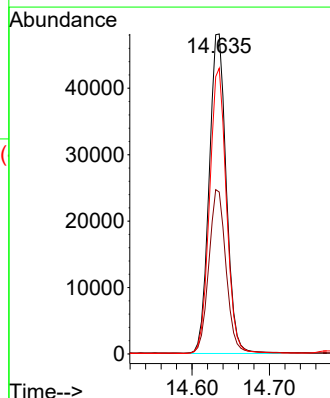
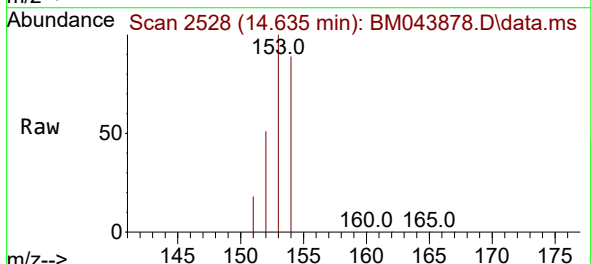
Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

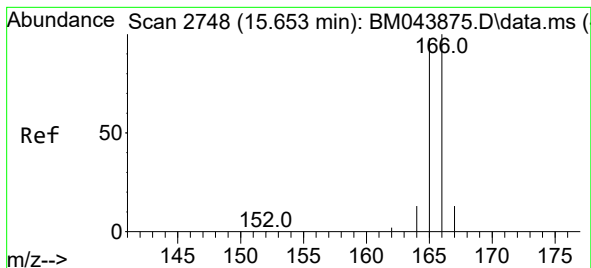
Tgt Ion:152 Resp: 103037
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 13.1 11.7 17.5



#11
Acenaphthene
Concen: 3.229 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

Tgt Ion:153 Resp: 74060
Ion Ratio Lower Upper
153 100
152 50.6 42.1 63.1
154 89.3 69.0 103.6





#12

Fluorene

Concen: 3.029 ng/ul

RT: 15.625 min Scan# 21

Delta R.T. -0.028 min

Lab File: BM043878.D

Acq: 19 Jan 2024 18:44

Instrument :

BNA_M

ClientSampleId :

SSTD3.2048

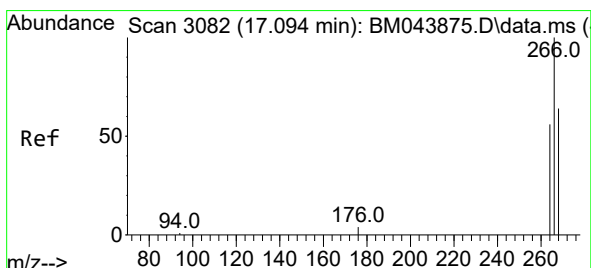
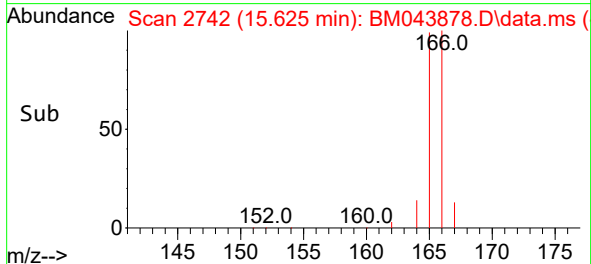
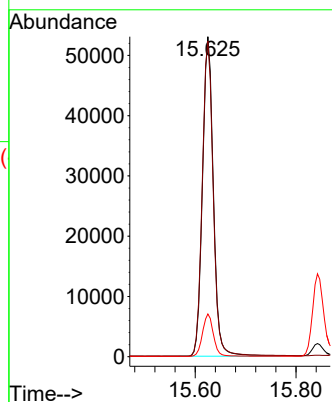
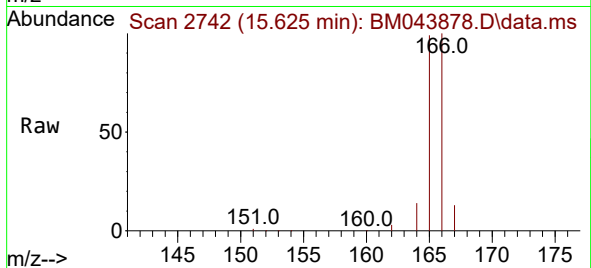
Tgt Ion:166 Resp: 79600

Ion Ratio Lower Upper

166 100

165 98.7 79.2 118.8

167 13.4 11.4 17.2



#14

Pentachlorophenol

Concen: 1.546 ng/ul

RT: 17.035 min Scan# 3068

Delta R.T. -0.059 min

Lab File: BM043878.D

Acq: 19 Jan 2024 18:44

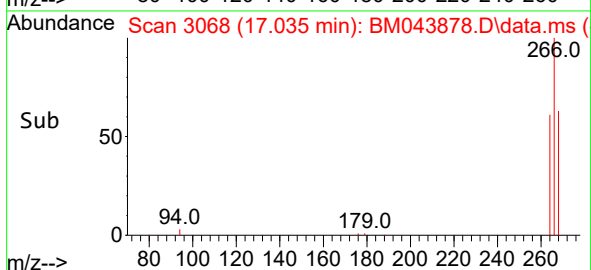
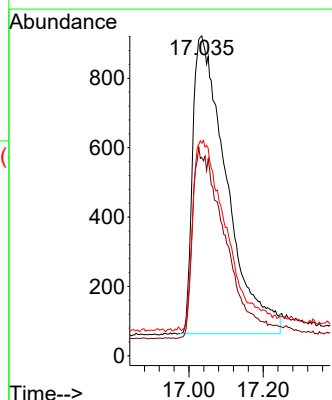
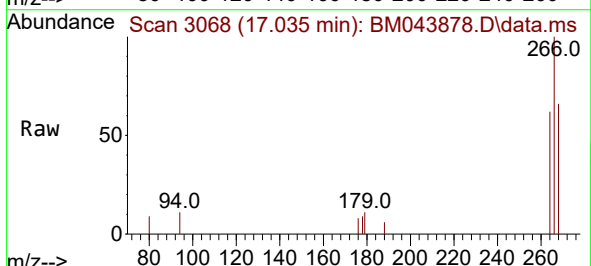
Tgt Ion:266 Resp: 5415

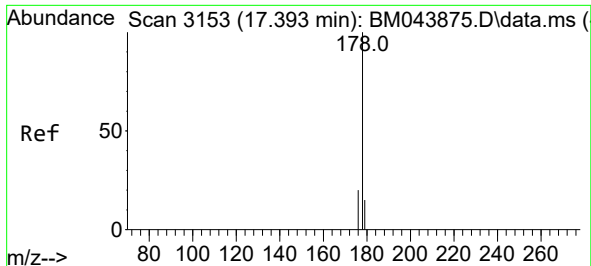
Ion Ratio Lower Upper

266 100

264 62.9 39.8 59.6#

268 64.9 45.6 68.4

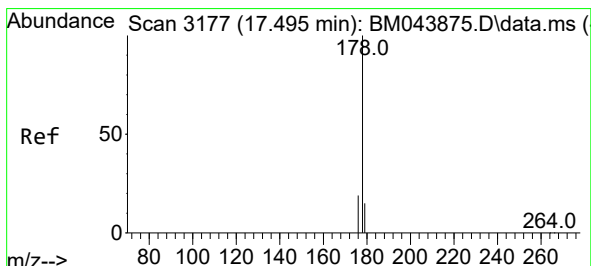
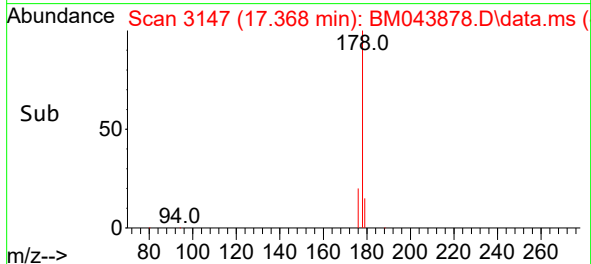
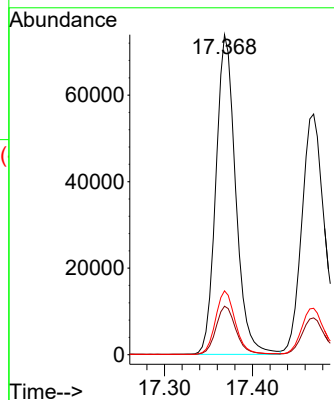
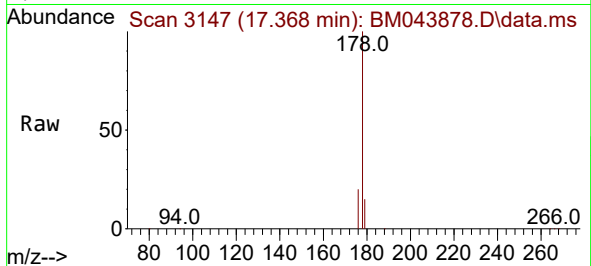




#15
Phenanthrene
Concen: 3.286 ng/ul
RT: 17.368 min Scan# 3153
Delta R.T. -0.025 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

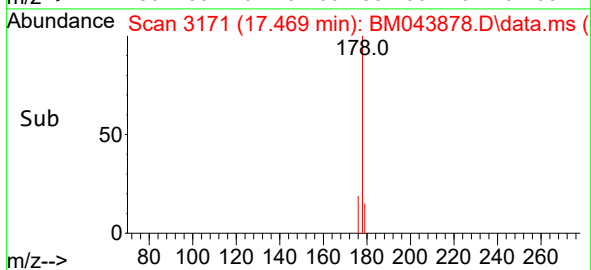
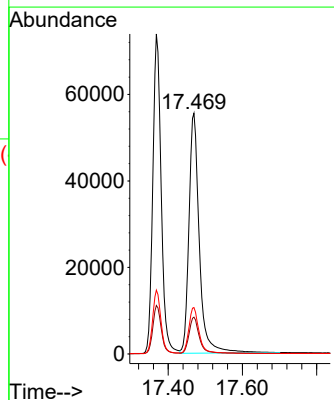
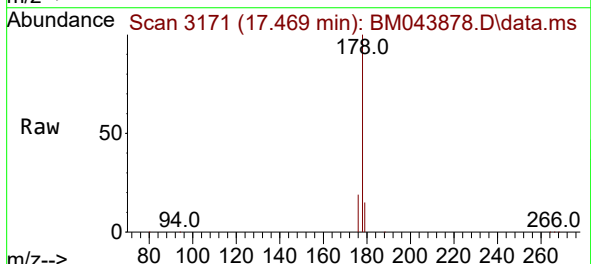
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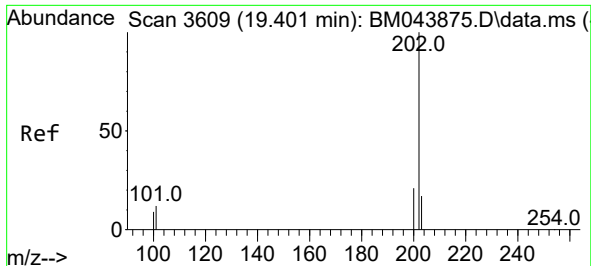
Tgt Ion:178 Resp: 115353
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.6
176 20.0 16.4 24.6



#16
Anthracene
Concen: 3.211 ng/ul
RT: 17.469 min Scan# 3171
Delta R.T. -0.025 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

Tgt Ion:178 Resp: 107325
Ion Ratio Lower Upper
178 100
179 15.3 13.2 19.8
176 19.3 16.2 24.2

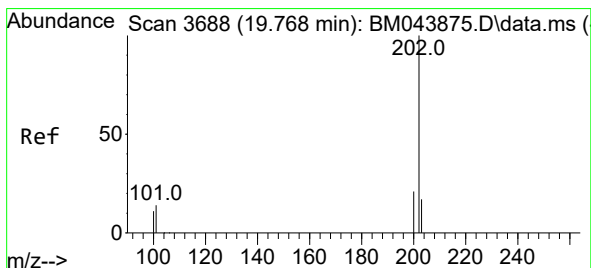
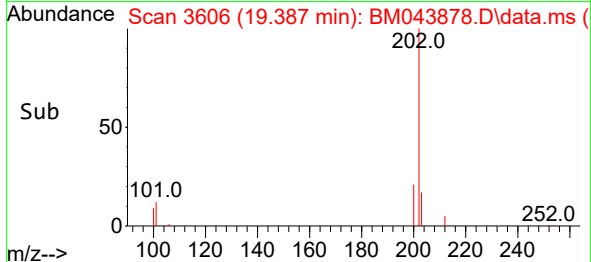
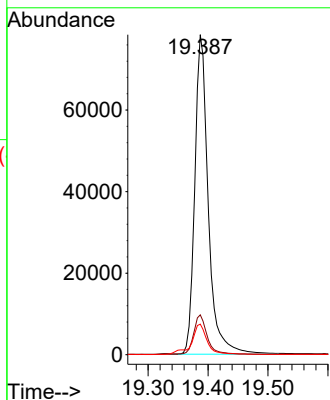
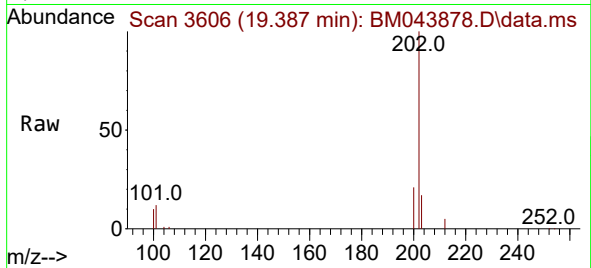




#19
Fluoranthene
Concen: 3.457 ng/ul
RT: 19.387 min Scan# 3606
Delta R.T. -0.014 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

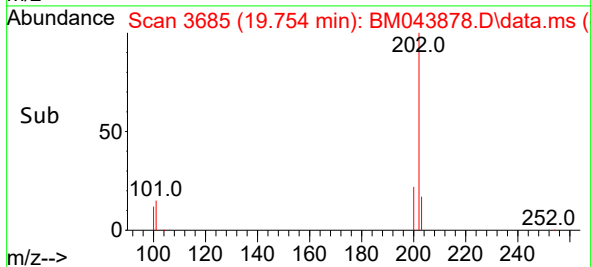
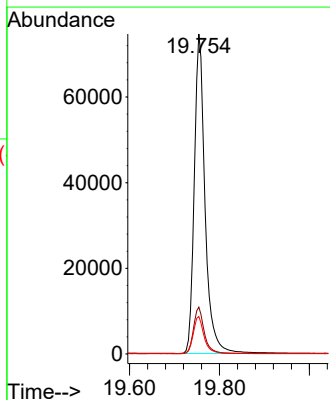
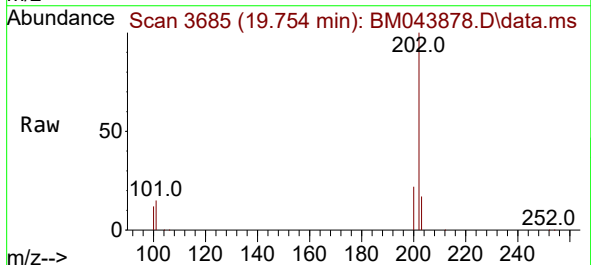
Instrument :
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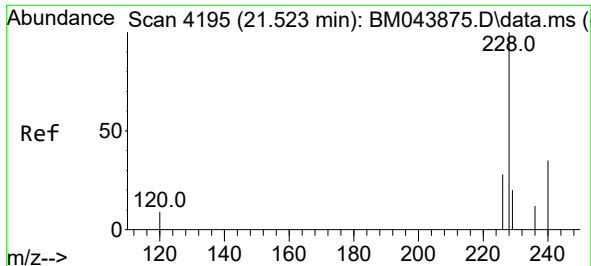
Tgt Ion:202 Resp: 122411
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 9.6 8.0 12.0



#20
Pyrene
Concen: 3.378 ng/ul
RT: 19.754 min Scan# 3685
Delta R.T. -0.014 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

Tgt Ion:202 Resp: 124607
Ion Ratio Lower Upper
202 100
101 14.7 11.9 17.9
100 11.7 9.5 14.3

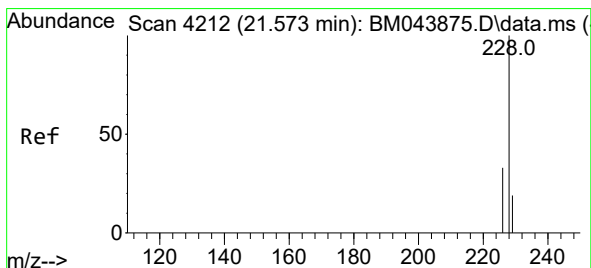
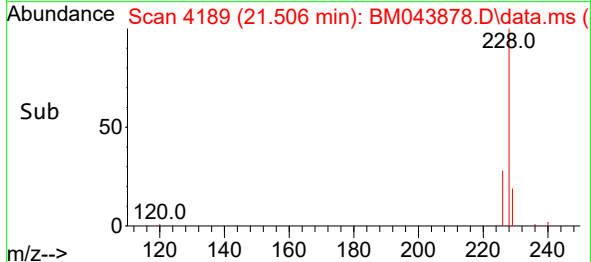
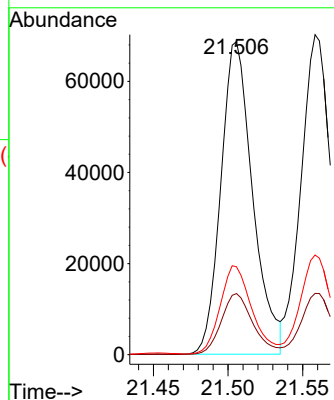
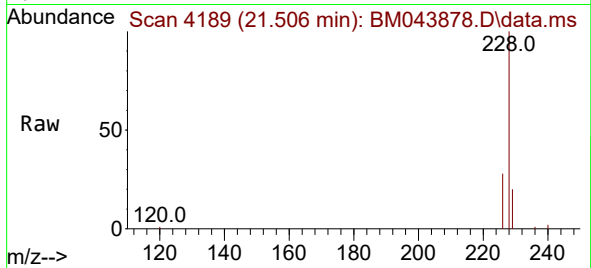




#21
Benzo(a)anthracene
Concen: 3.283 ng/ul
RT: 21.506 min Scan# 4195
Delta R.T. -0.018 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

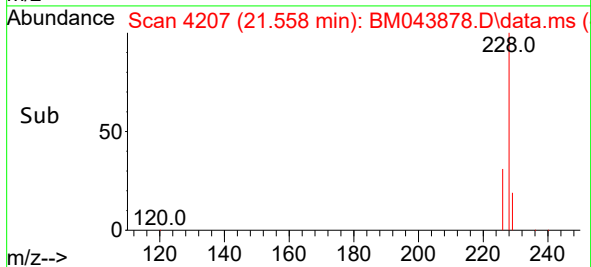
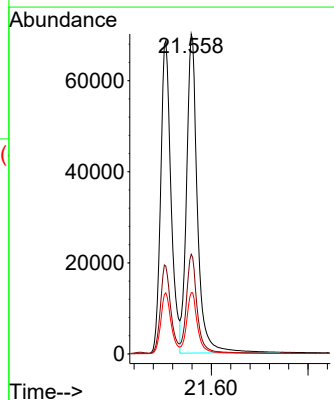
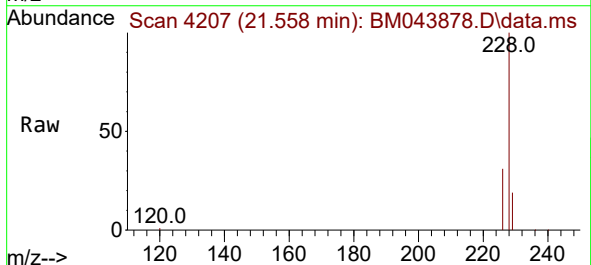
Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

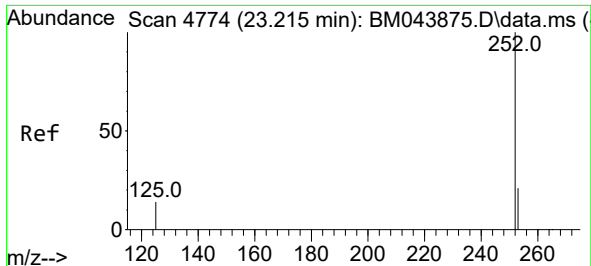
Tgt Ion:228 Resp: 101904
Ion Ratio Lower Upper
228 100
229 19.5 16.5 24.7
226 28.1 23.1 34.7



#22
Chrysene
Concen: 3.262 ng/ul
RT: 21.558 min Scan# 4207
Delta R.T. -0.015 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

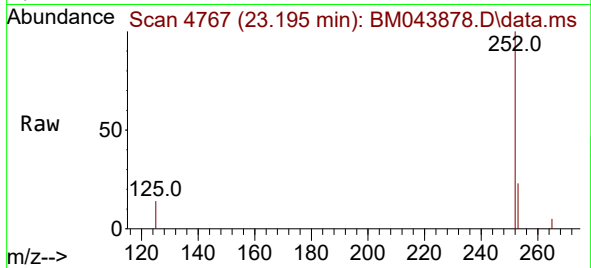
Tgt Ion:228 Resp: 109027
Ion Ratio Lower Upper
228 100
226 31.1 26.2 39.2
229 19.2 16.2 24.2



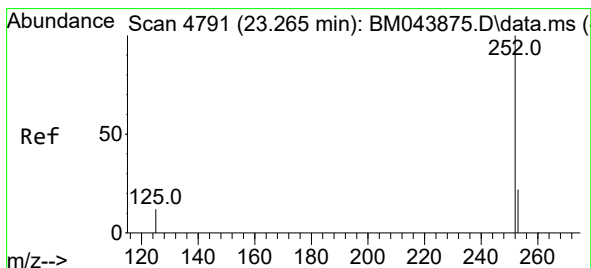
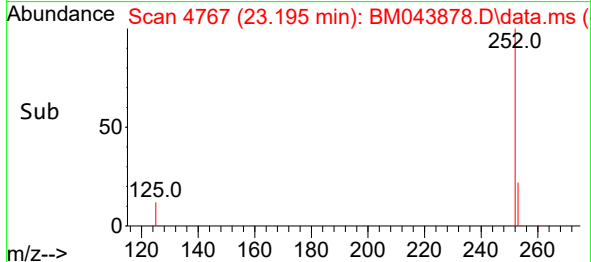
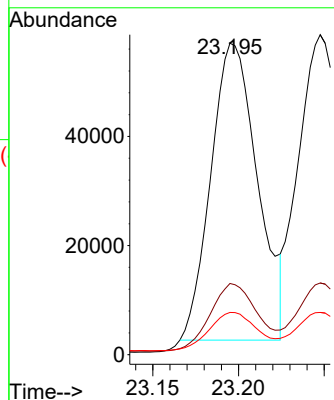


#24
Benzo(b)fluoranthene
Concen: 3.127 ng/ul
RT: 23.195 min Scan# 4767
Delta R.T. -0.020 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

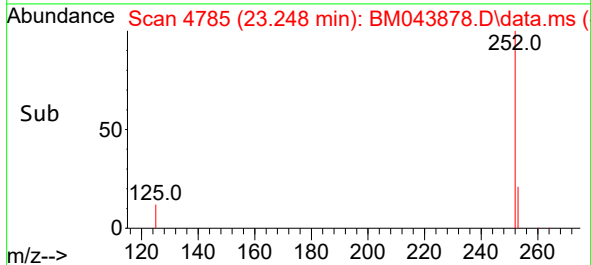
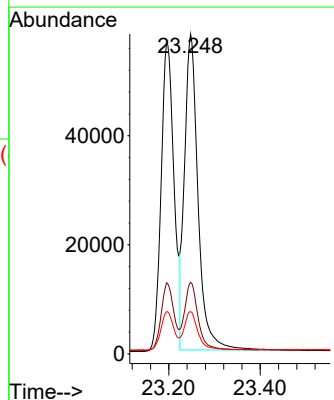
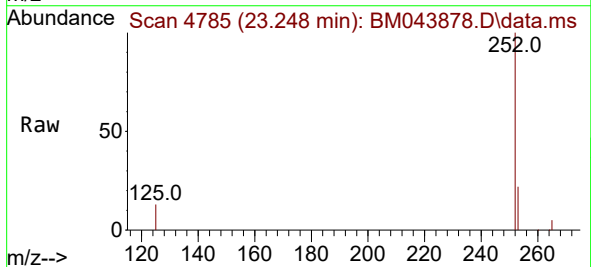


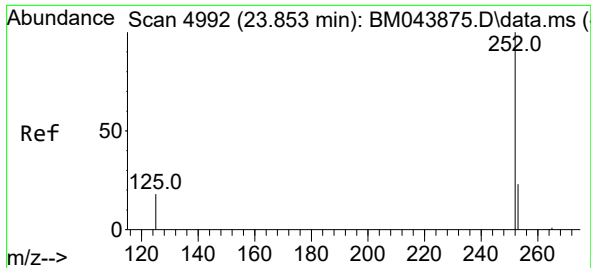
Tgt Ion:252 Resp: 103030
Ion Ratio Lower Upper
252 100
253 22.8 0.0 58.8
125 13.6 0.0 47.2



#25
Benzo(k)fluoranthene
Concen: 3.267 ng/ul
RT: 23.248 min Scan# 4785
Delta R.T. -0.018 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

Tgt Ion:252 Resp: 118746
Ion Ratio Lower Upper
252 100
253 22.4 24.2 36.2#
125 13.2 17.9 26.9#

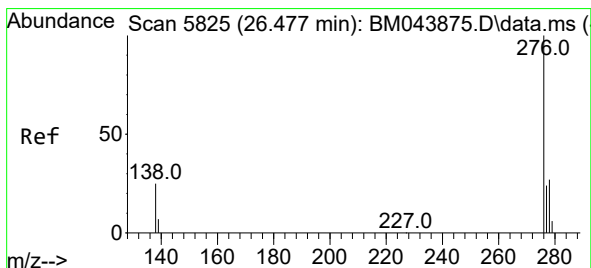
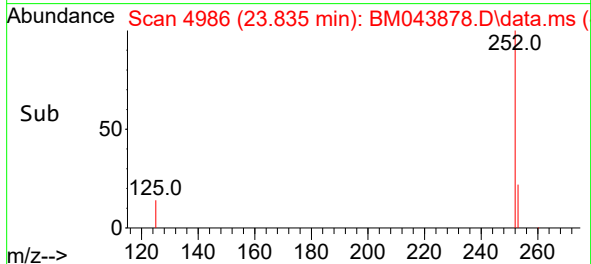
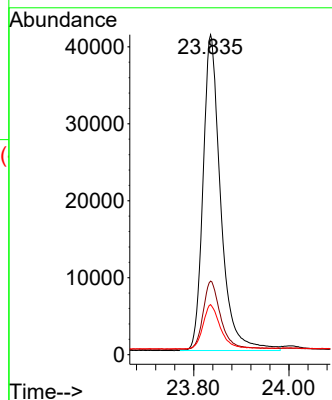
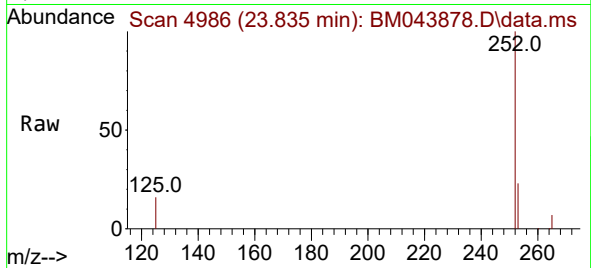




#26
Benzo(a)pyrene
Concen: 3.421 ng/ul
RT: 23.835 min Scan# 4992
Delta R.T. -0.018 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

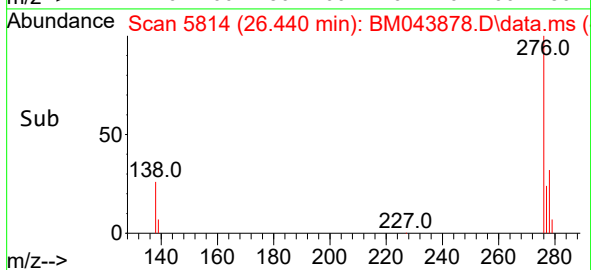
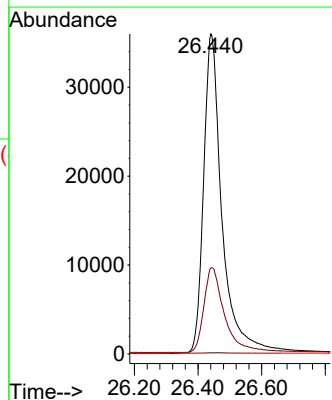
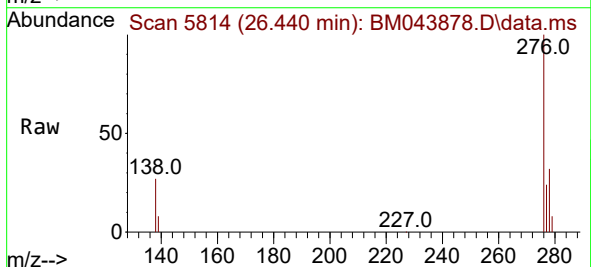
Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

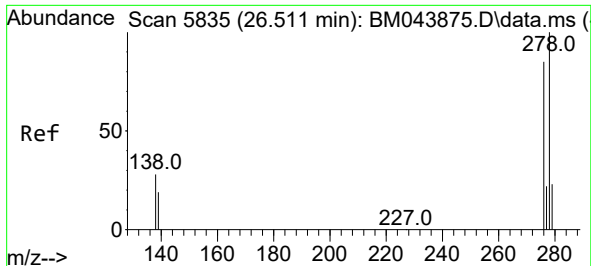
Tgt Ion:252 Resp: 105646
Ion Ratio Lower Upper
252 100
253 23.0 28.6 42.8#
125 15.7 26.9 40.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.690 ng/ul
RT: 26.440 min Scan# 5814
Delta R.T. -0.037 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

Tgt Ion:276 Resp: 144132
Ion Ratio Lower Upper
276 100
138 29.9 24.6 36.8
227 0.0 0.1 0.1#

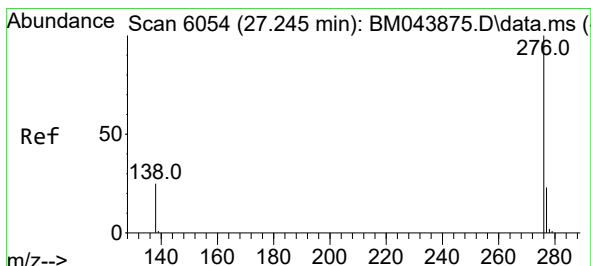
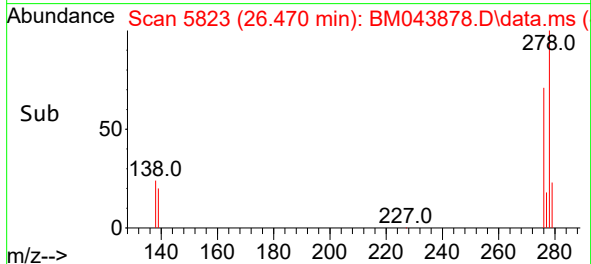
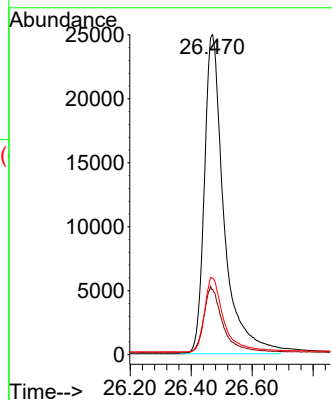
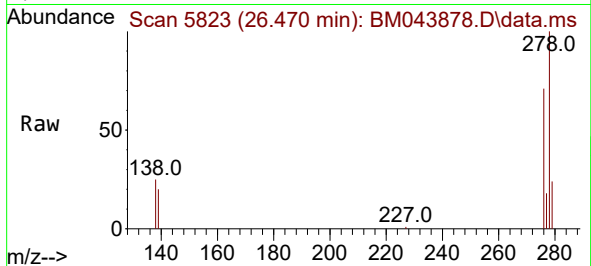




#28
Dibenzo(a,h)anthracene
Concen: 3.682 ng/ul
RT: 26.470 min Scan# 5835
Delta R.T. -0.040 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:278 Resp: 111406
Ion Ratio Lower Upper
278 100
139 20.4 21.1 31.7#
279 23.9 25.8 38.6#



#29
Benzo(g,h,i)perylene
Concen: 3.702 ng/ul
RT: 27.215 min Scan# 6045
Delta R.T. -0.030 min
Lab File: BM043878.D
Acq: 19 Jan 2024 18:44

Tgt Ion:276 Resp: 120905
Ion Ratio Lower Upper
276 100
138 26.9 24.0 36.0
277 23.7 20.6 31.0

