

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040477.D
 Acq On : 30 Jun 2023 18:22
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4140

Quant Time: Jul 01 03:04:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

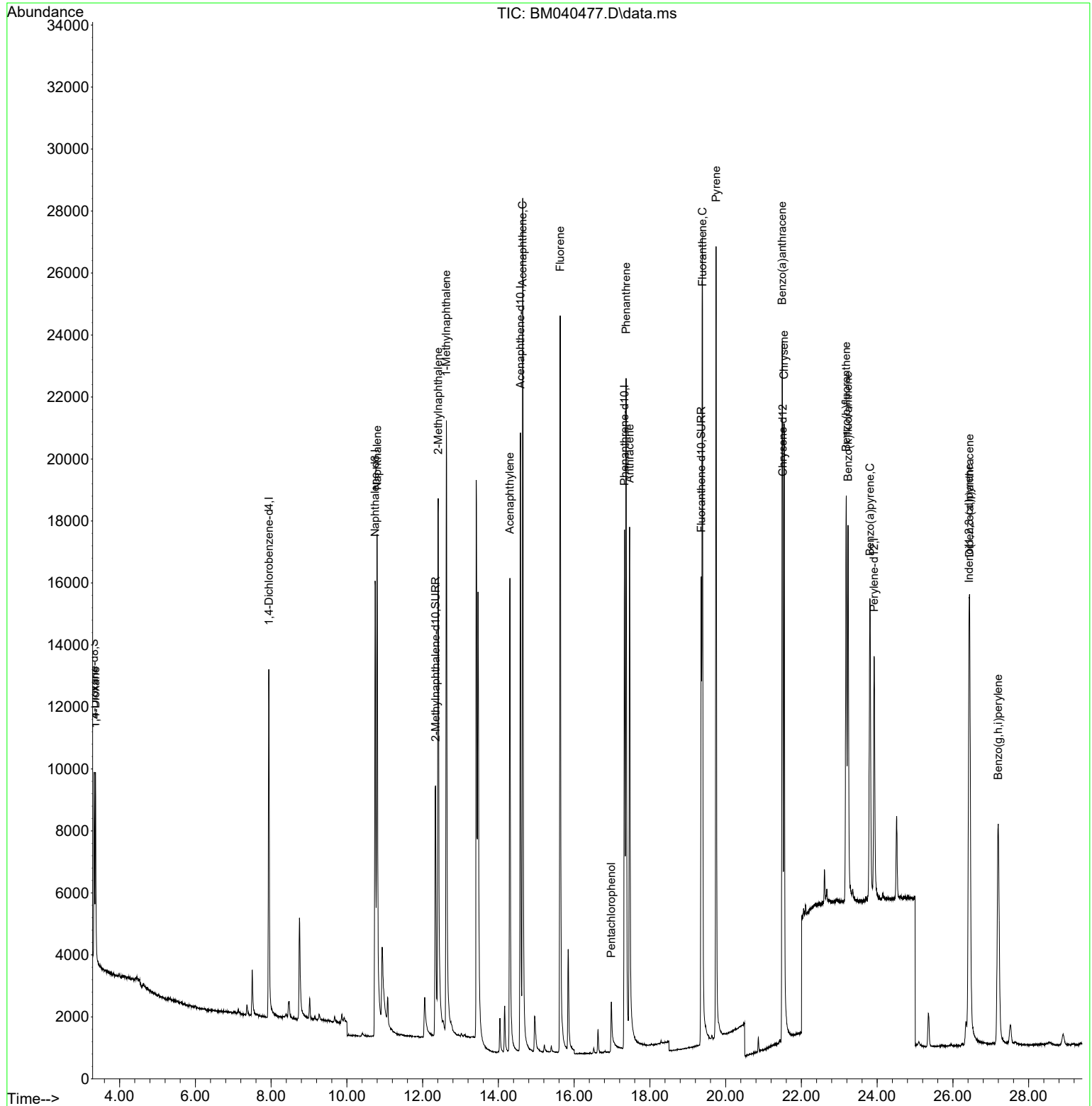
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	6747	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	25346	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.582	164	12501	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	23091	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13630	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	12407	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	3676	0.347	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	14352	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	19526	0.447	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	3829	0.355	ng/ul#	83
5) Naphthalene	10.800	128	27353	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.411	142	16451	0.401	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	16049	0.391	ng/ul	100
10) Acenaphthylene	14.304	152	21949	0.393	ng/ul	99
11) Acenaphthene	14.642	153	17808	0.378	ng/ul	97
12) Fluorene	15.632	166	18866	0.375	ng/ul	100
14) Pentachlorophenol	16.982	266	2038	0.458	ng/ul	92
15) Phenanthrene	17.370	178	26522	0.370	ng/ul	100
16) Anthracene	17.463	178	22922	0.380	ng/ul	100
19) Fluoranthene	19.384	202	24877	0.430	ng/ul	98
20) Pyrene	19.747	202	25661	0.413	ng/ul	100
21) Benzo(a)anthracene	21.491	228	18504	0.401	ng/ul	100
22) Chrysene	21.544	228	19003	0.361	ng/ul	100
24) Benzo(b)fluoranthene	23.184	252	18128	0.378	ng/ul	97
25) Benzo(k)fluoranthene	23.230	252	17666	0.373	ng/ul	97
26) Benzo(a)pyrene	23.812	252	16398	0.379	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.424	276	21297	0.354	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.441	278	16861	0.358	ng/ul	99
29) Benzo(g,h,i)perylene	27.195	276	17926	0.340	ng/ul	99

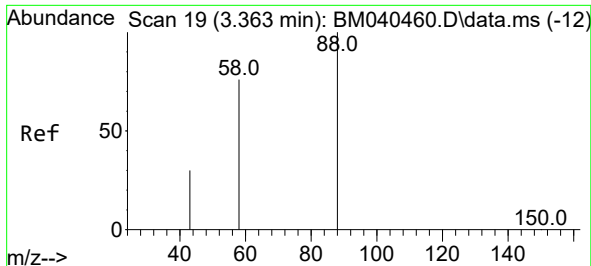
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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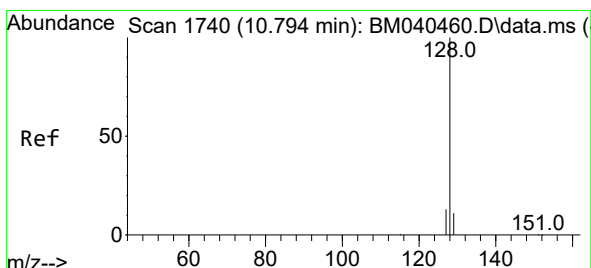
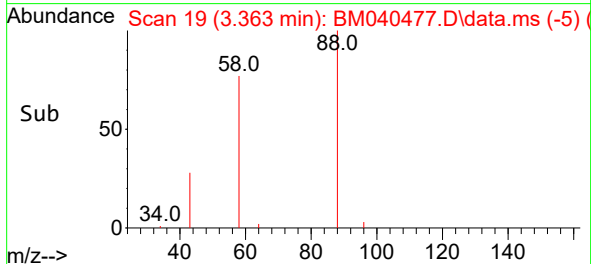
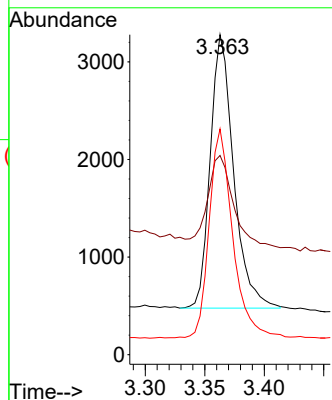
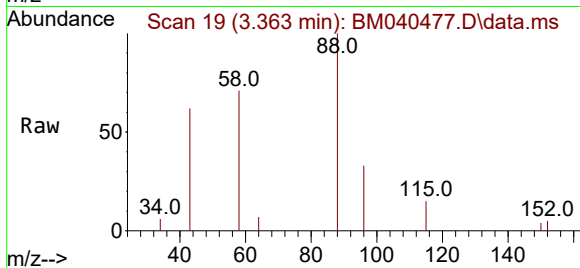




#2
1,4-Dioxane
Concen: 0.355 ng/ul
RT: 3.363 min Scan# 19
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

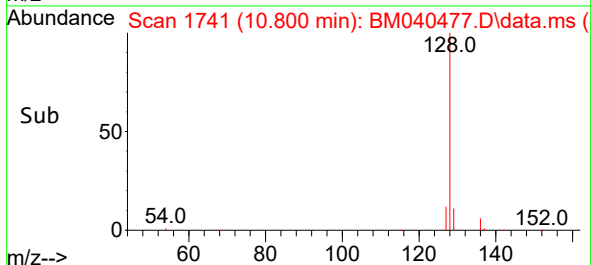
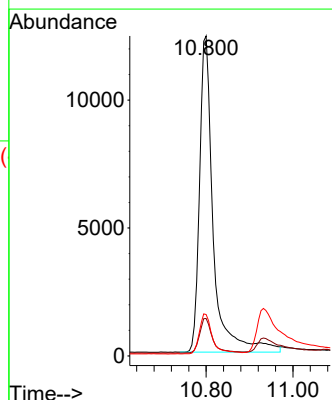
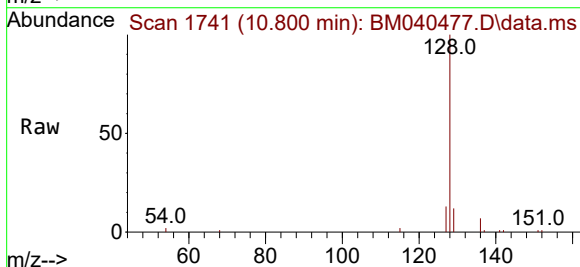
Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

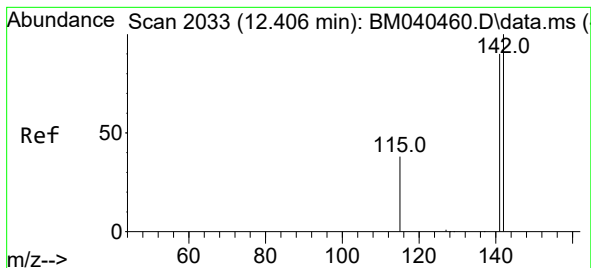
Tgt Ion: 88 Resp: 3829
Ion Ratio Lower Upper
88 100
43 62.2 36.1 54.1#
58 70.5 49.8 74.8



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.800 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

Tgt Ion: 128 Resp: 27353
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.0 10.6 15.8

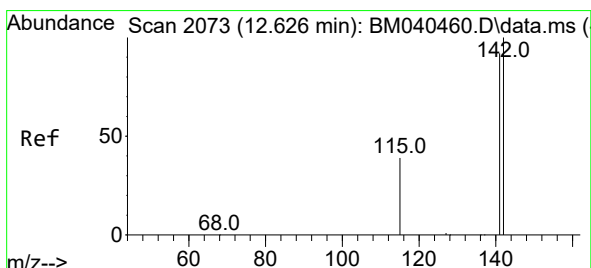
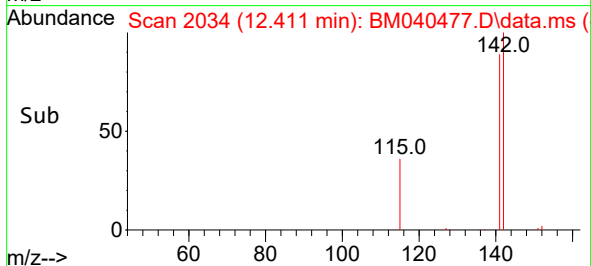
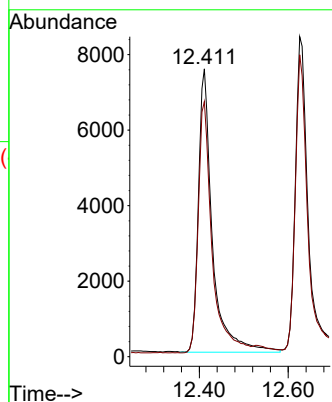
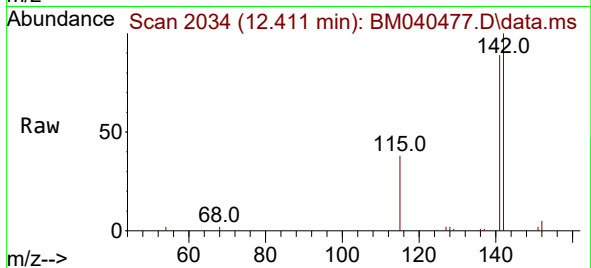




#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

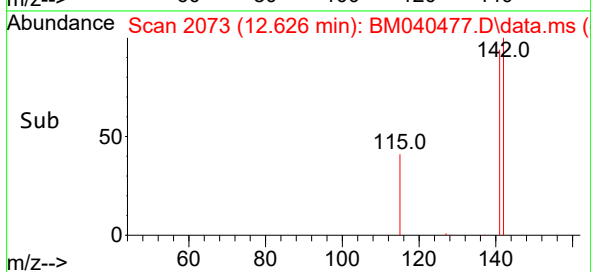
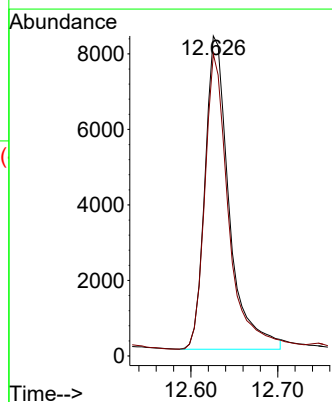
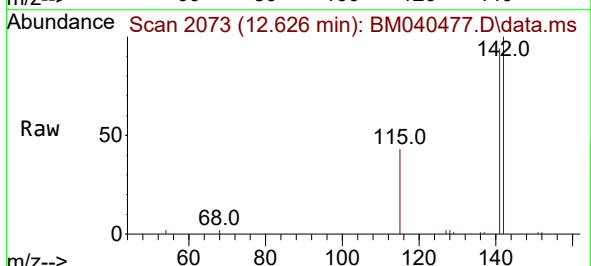
Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

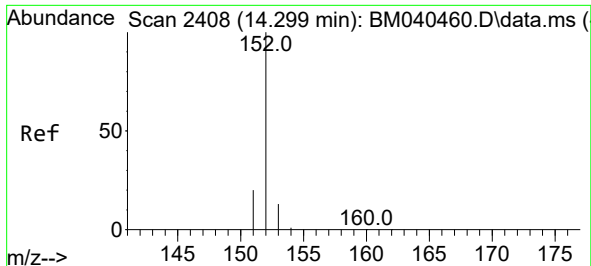
Tgt Ion:142 Resp: 16451
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

Tgt Ion:142 Resp: 16049
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5

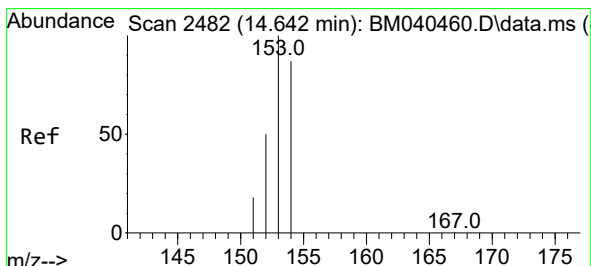
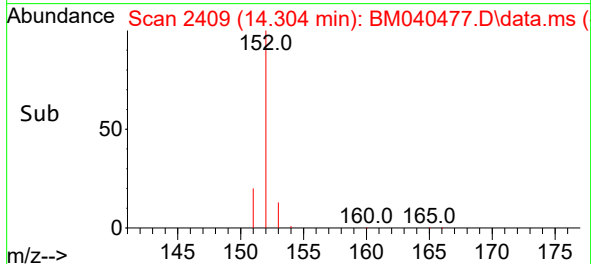
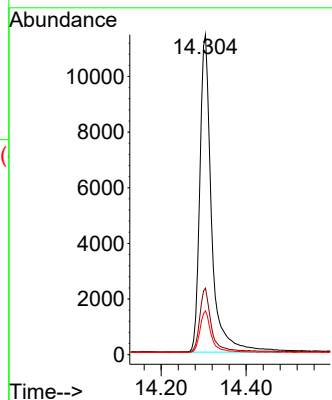
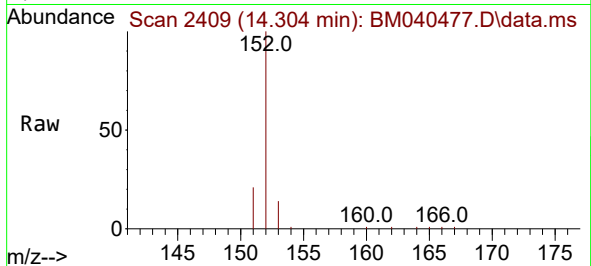




#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. 0.005 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

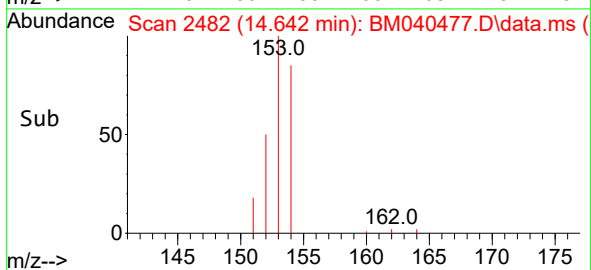
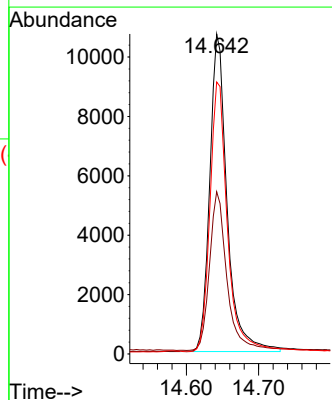
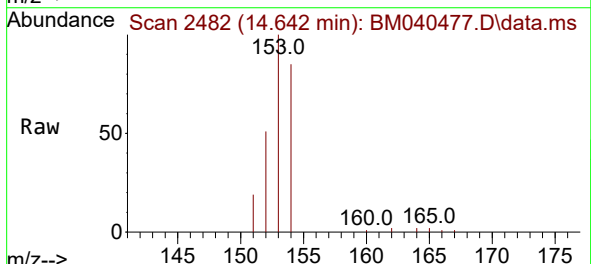
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ClientSampleId :
SSTD0.4140

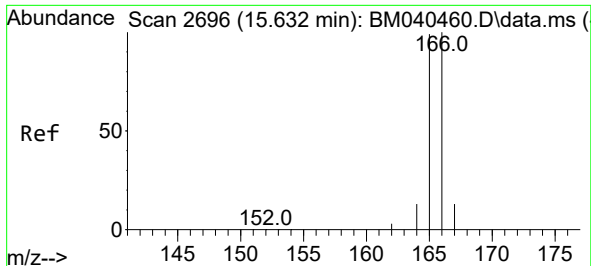
Tgt Ion:152 Resp: 21949
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

Tgt Ion:153 Resp: 17808
Ion Ratio Lower Upper
153 100
152 50.7 41.0 61.4
154 85.0 70.8 106.2

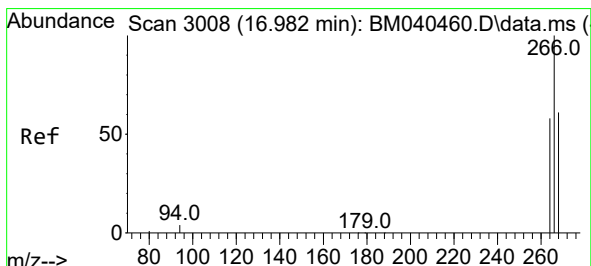
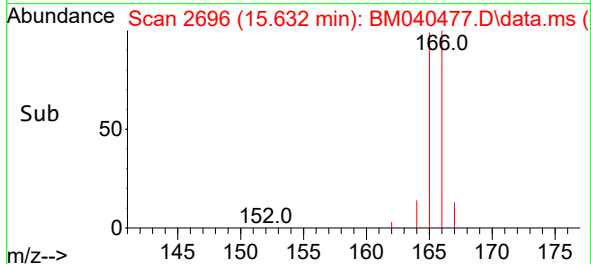
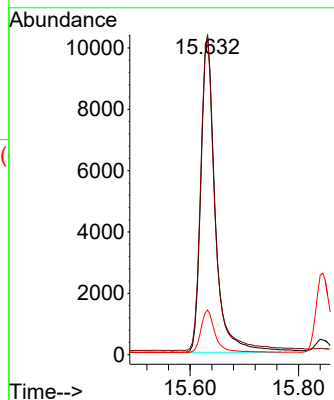
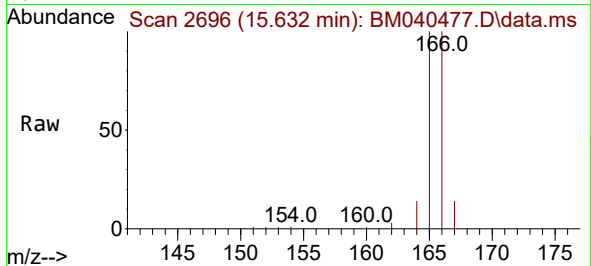




#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.632 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

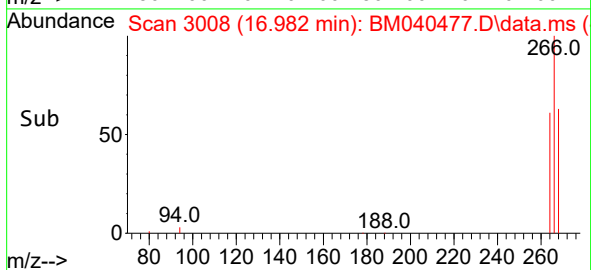
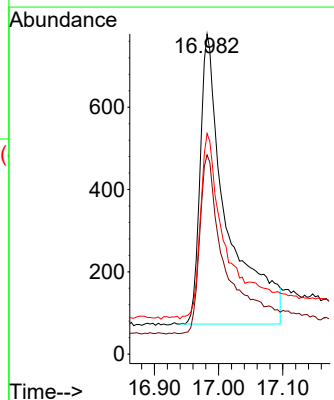
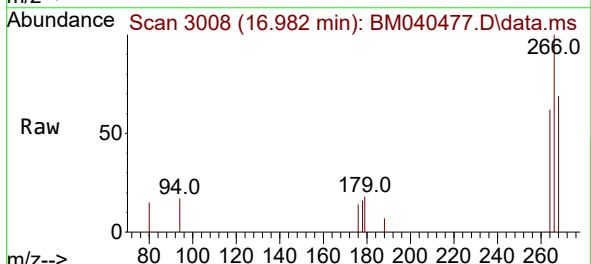
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ClientSampleId :
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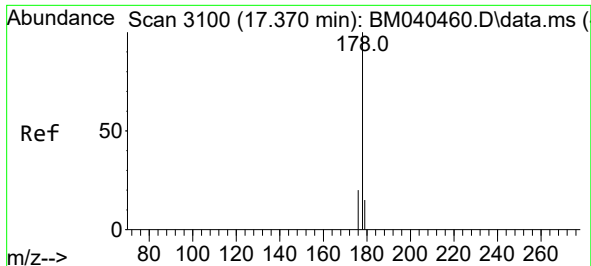
Tgt Ion:166 Resp: 18866
Ion Ratio Lower Upper
166 100
165 99.9 79.6 119.4
167 14.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.458 ng/ul
RT: 16.982 min Scan# 3008
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

Tgt Ion:266 Resp: 2038
Ion Ratio Lower Upper
266 100
264 62.9 45.4 68.0
268 65.3 47.2 70.8

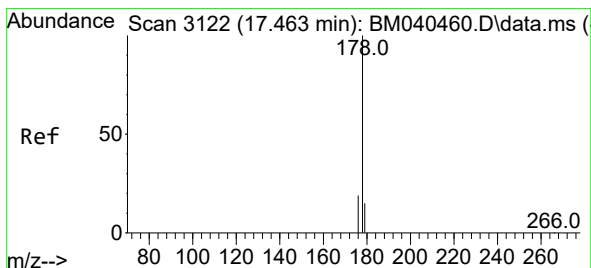
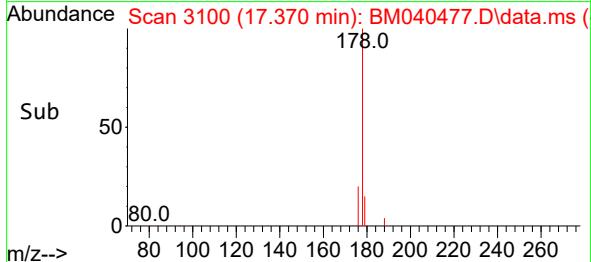
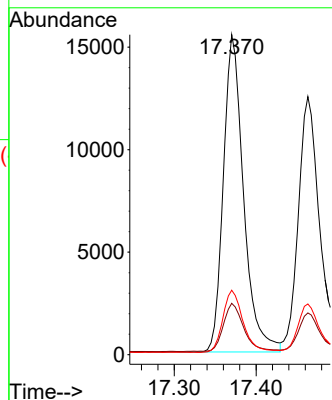
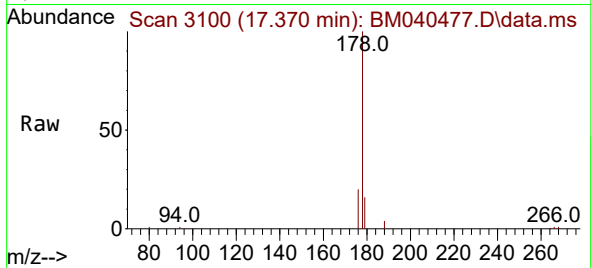




#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 17.370 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

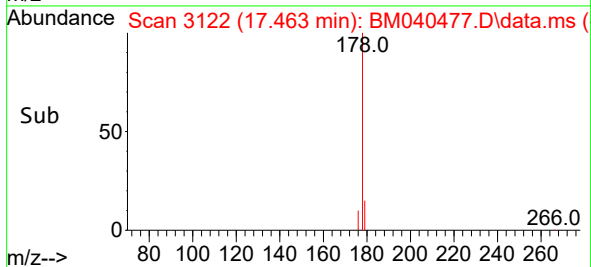
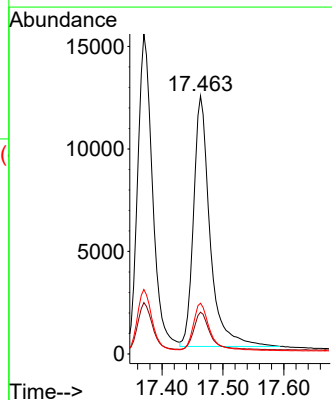
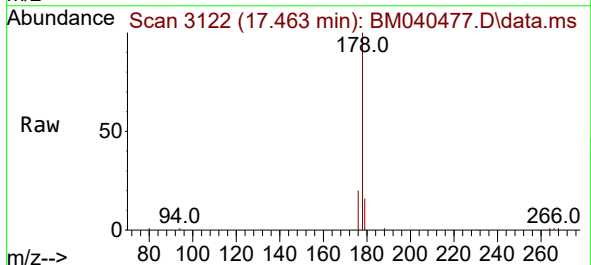
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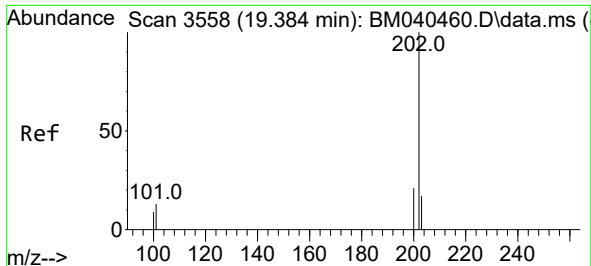
Tgt Ion:178 Resp: 26522
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 20.2 16.4 24.6



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

Tgt Ion:178 Resp: 22922
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.6 15.8 23.6

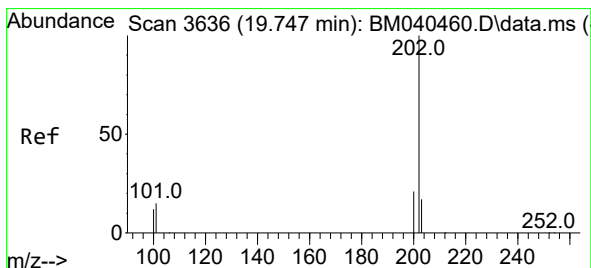
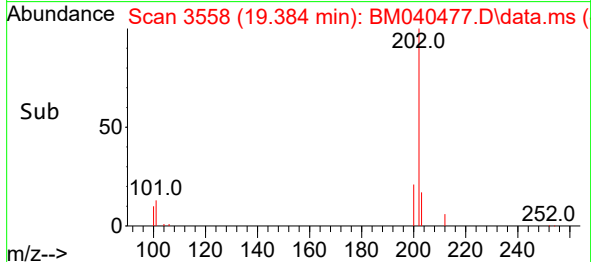
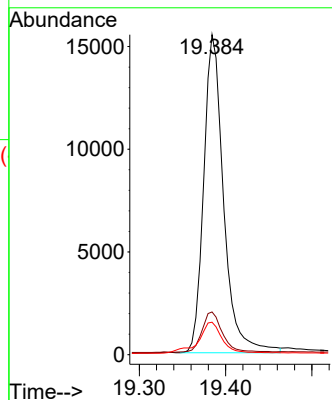
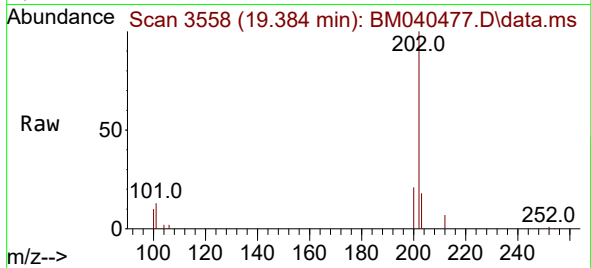




#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

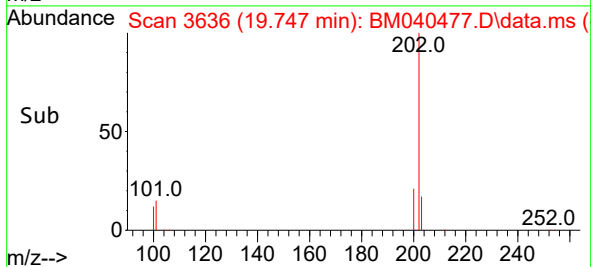
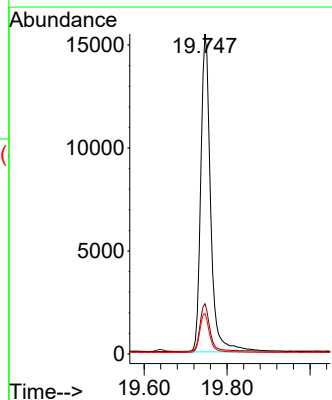
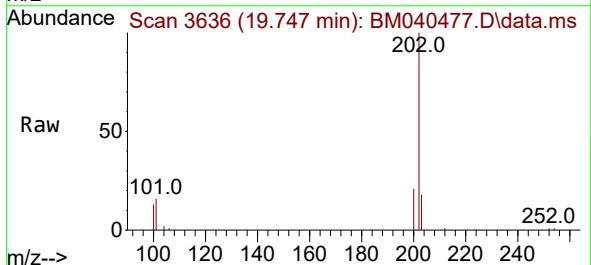
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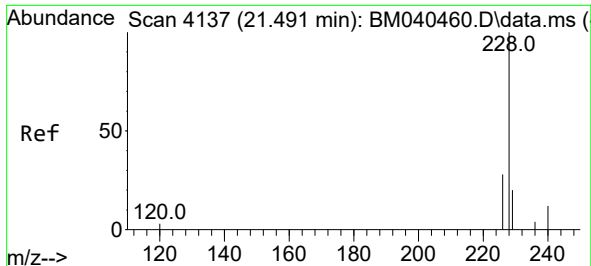
Tgt Ion:202 Resp: 24877
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.2 8.7 13.1



#20
Pyrene
Concen: 0.413 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

Tgt Ion:202 Resp: 25661
Ion Ratio Lower Upper
202 100
101 15.7 12.6 18.8
100 12.6 9.8 14.6

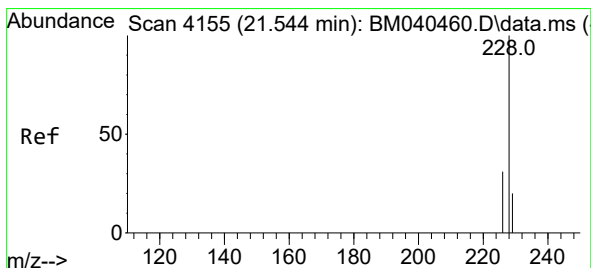
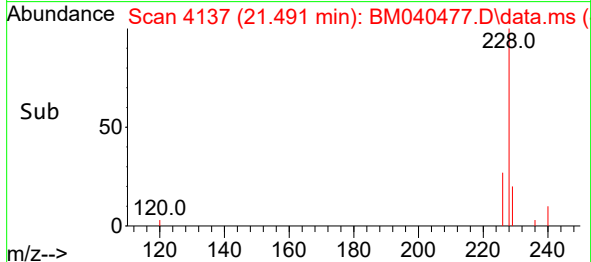
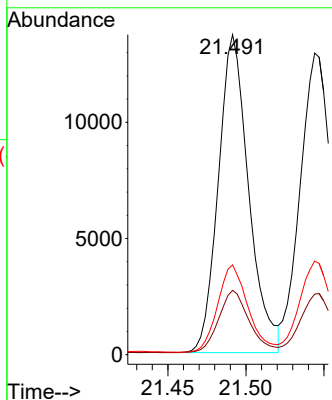
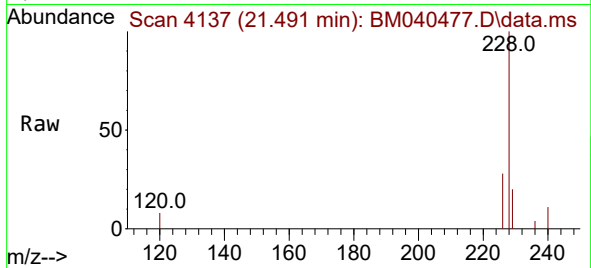




#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

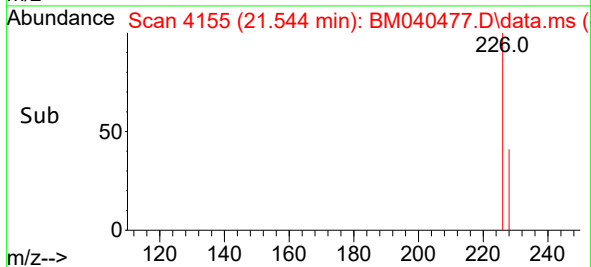
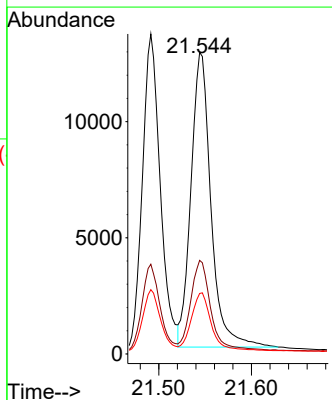
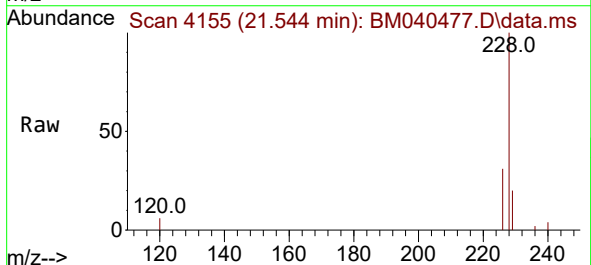
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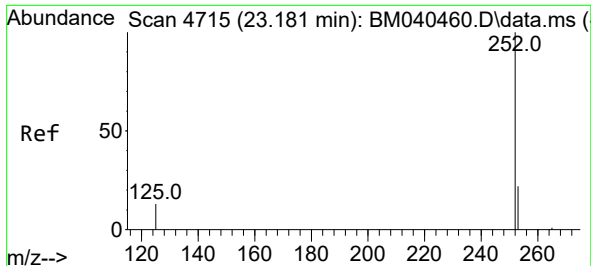
Tgt Ion:228 Resp: 18504
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 28.0 22.3 33.5



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

Tgt Ion:228 Resp: 19003
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 20.1 15.8 23.6

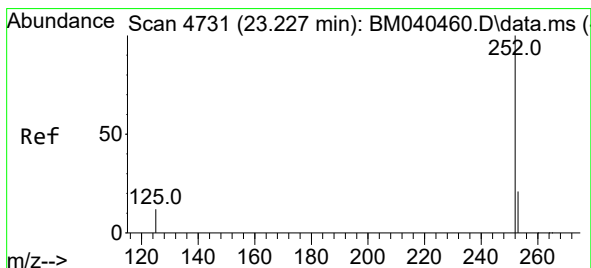
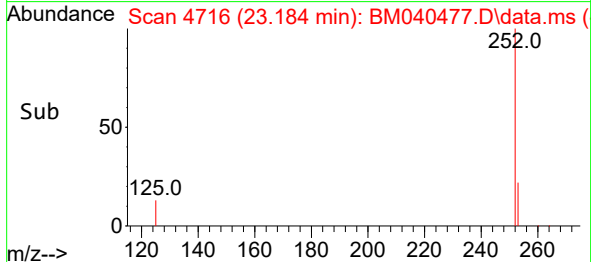
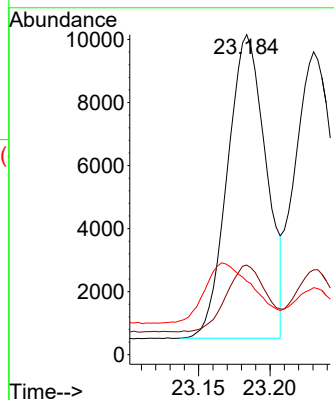
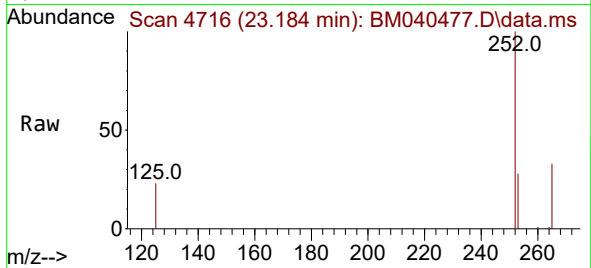




#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.184 min Scan# 4715
Delta R.T. 0.003 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

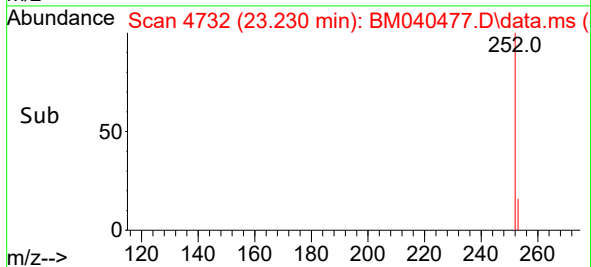
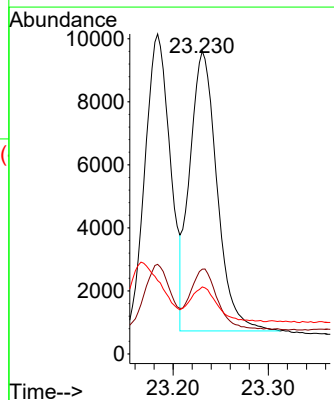
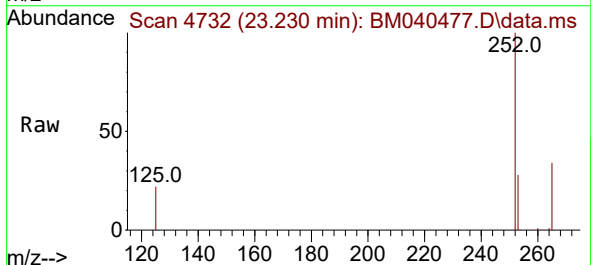
Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

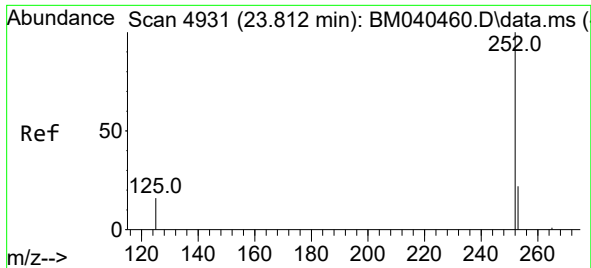
Tgt Ion:252 Resp: 18128
Ion Ratio Lower Upper
252 100
253 28.0 0.0 52.8
125 22.9 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.230 min Scan# 4732
Delta R.T. 0.003 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

Tgt Ion:252 Resp: 17666
Ion Ratio Lower Upper
252 100
253 28.0 21.2 31.8
125 22.1 16.4 24.6

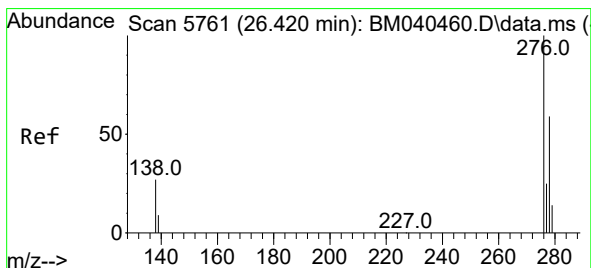
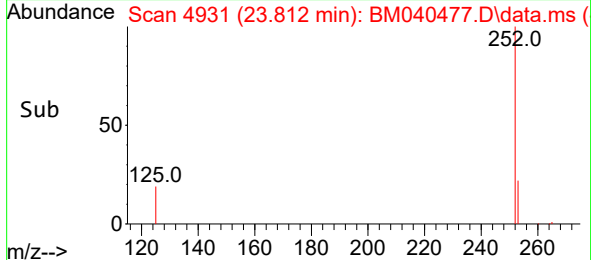
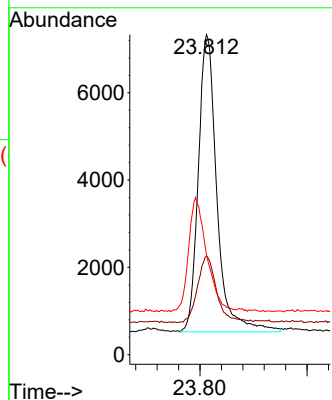
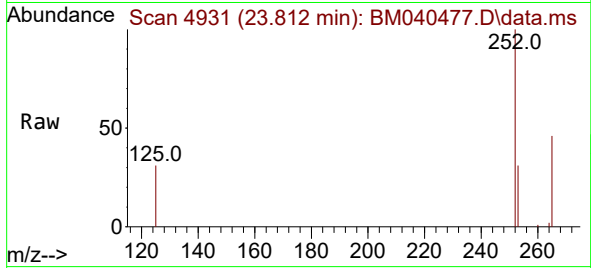




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

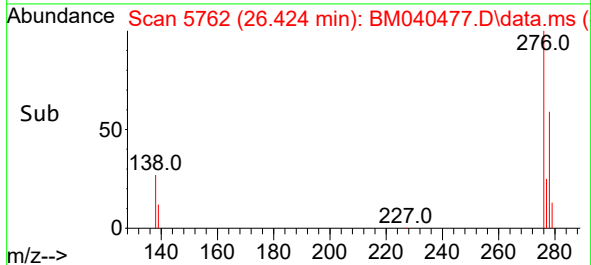
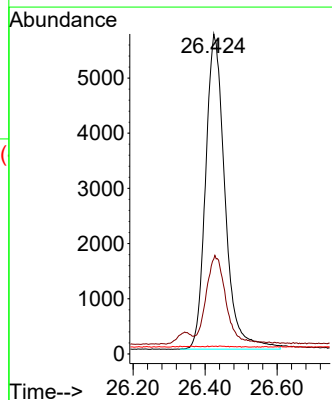
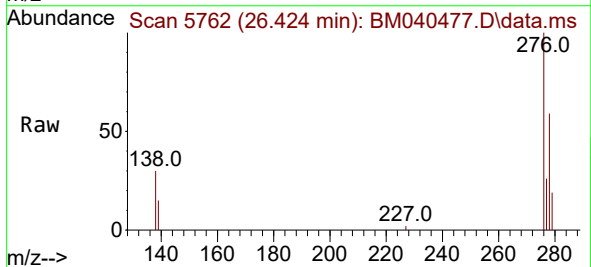
Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

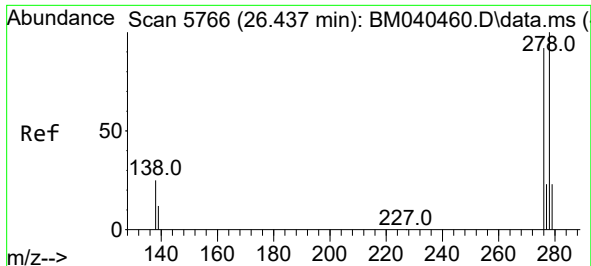
Tgt Ion:252 Resp: 16398
Ion Ratio Lower Upper
252 100
253 30.9 22.9 34.3
125 31.1 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.004 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

Tgt Ion:276 Resp: 21297
Ion Ratio Lower Upper
276 100
138 28.1 24.5 36.7
227 0.1 0.1 0.1#

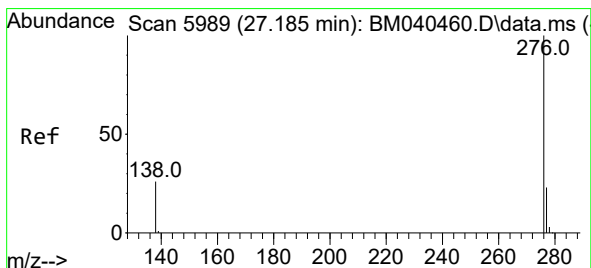
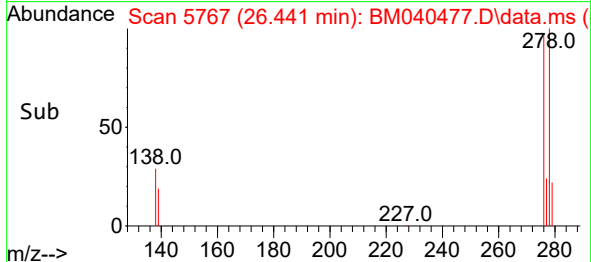
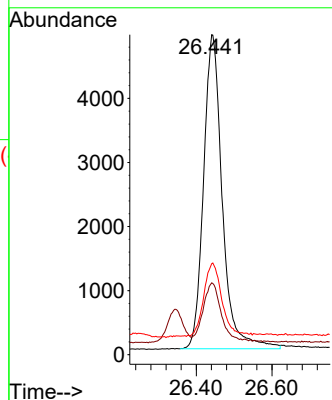
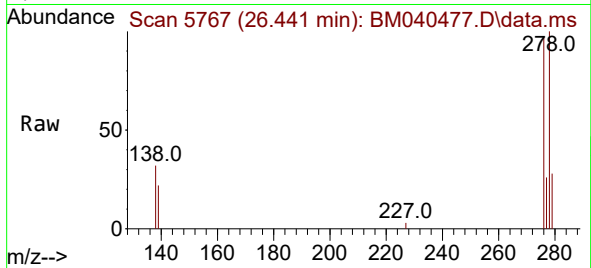




#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

Tgt Ion:278 Resp: 16861
Ion Ratio Lower Upper
278 100
139 22.4 17.9 26.9
279 28.4 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040477.D
Acq: 30 Jun 2023 18:22

Tgt Ion:276 Resp: 17926
Ion Ratio Lower Upper
276 100
138 28.5 23.0 34.6
277 25.6 20.3 30.5

