

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040265.D
 Acq On : 15 Jun 2023 18:39
 Operator : MA/JU
 Sample : PB153389BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS389

Quant Time: Jun 15 23:43:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

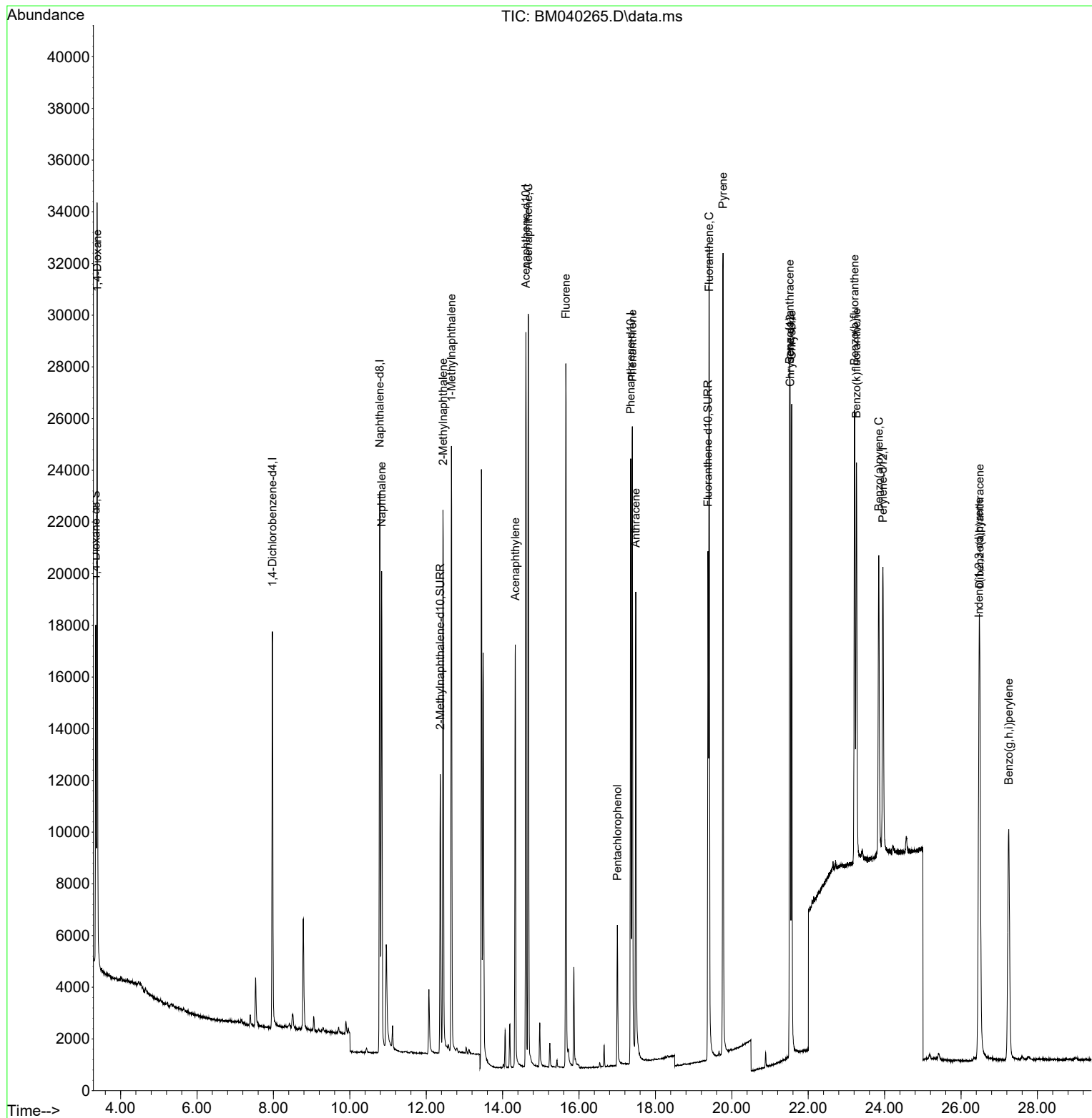
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	8149	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	30283	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	15048	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	28278	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	17839	0.400	ng/ul	0.00
23) Perylene-d12	23.955	264	16390	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	8195	0.814	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	14872	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	21881	0.492	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.384	88	19009	1.799	ng/ul#	80
5) Naphthalene	10.833	128	25769	0.359	ng/ul	99
7) 2-Methylnaphthalene	12.439	142	15689	0.352	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	15919	0.341	ng/ul	99
10) Acenaphthylene	14.332	152	19580	0.372	ng/ul	100
11) Acenaphthene	14.670	153	16723	0.371	ng/ul	98
12) Fluorene	15.655	166	17842	0.355	ng/ul	99
14) Pentachlorophenol	17.003	266	3828	0.663	ng/ul	99
15) Phenanthrene	17.396	178	26384	0.355	ng/ul	100
16) Anthracene	17.484	178	22181	0.352	ng/ul	99
19) Fluoranthene	19.407	202	26381	0.434	ng/ul	100
20) Pyrene	19.770	202	26981	0.427	ng/ul	99
21) Benzo(a)anthracene	21.512	228	20703	0.393	ng/ul	99
22) Chrysene	21.567	228	22129	0.398	ng/ul	99
24) Benzo(b)fluoranthene	23.213	252	22544	0.373	ng/ul	92
25) Benzo(k)fluoranthene	23.263	252	21148	0.372	ng/ul#	92
26) Benzo(a)pyrene	23.847	252	18042	0.364	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.471	276	23717	0.378	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.487	278	19040	0.378	ng/ul	96
29) Benzo(g,h,i)perylene	27.249	276	20277	0.387	ng/ul	96

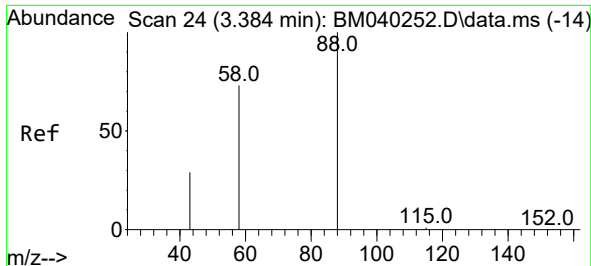
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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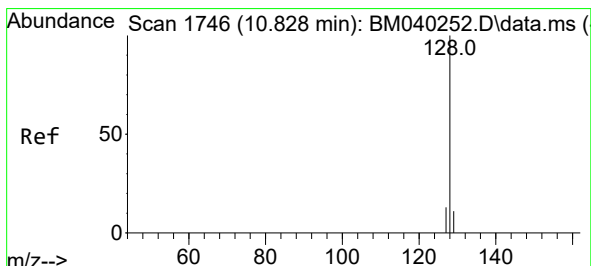
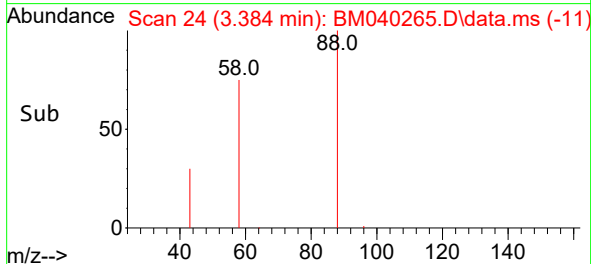
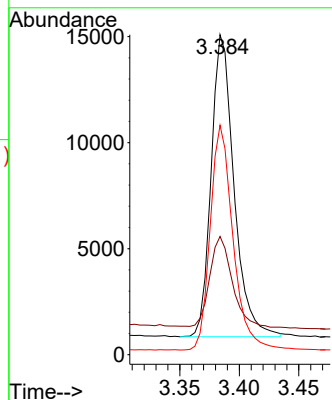
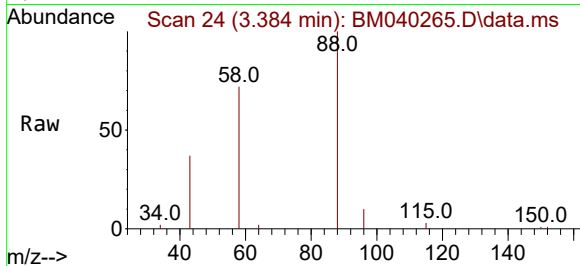




#2
1,4-Dioxane
Concen: 1.799 ng/ul
RT: 3.384 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

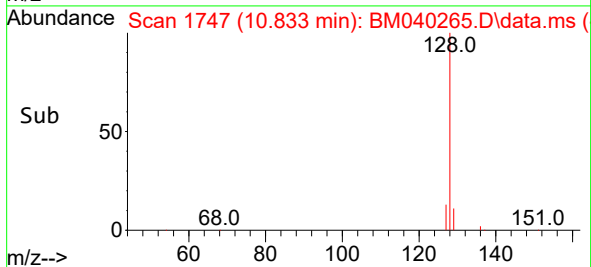
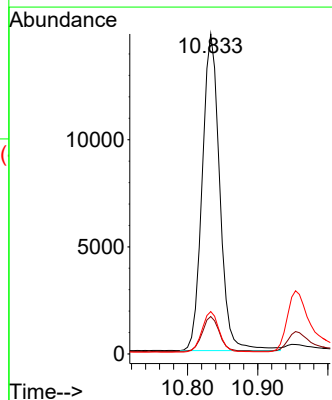
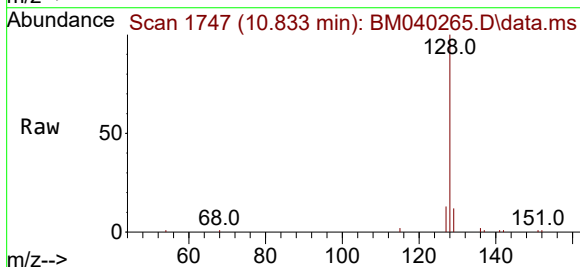
Instrument :
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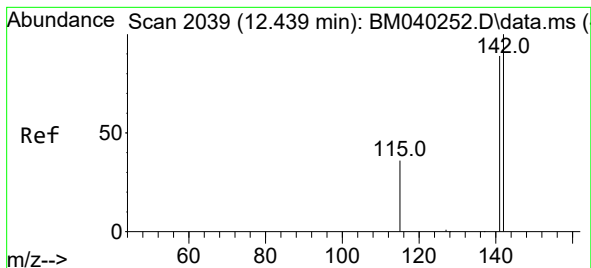
Tgt Ion: 88 Resp: 19009
Ion Ratio Lower Upper
88 100
43 36.9 30.3 45.5
58 71.7 38.8 58.2#



#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

Tgt Ion:128 Resp: 25769
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.3 10.4 15.6

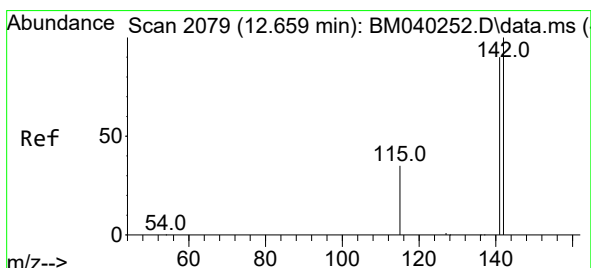
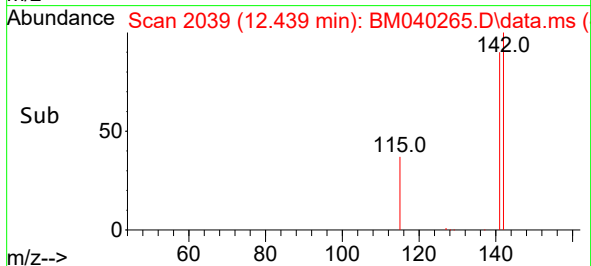
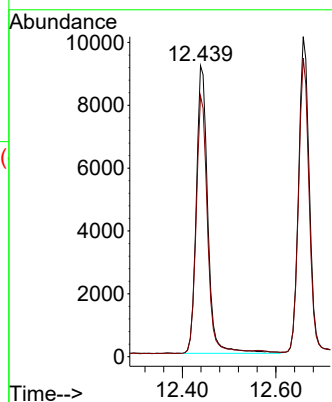
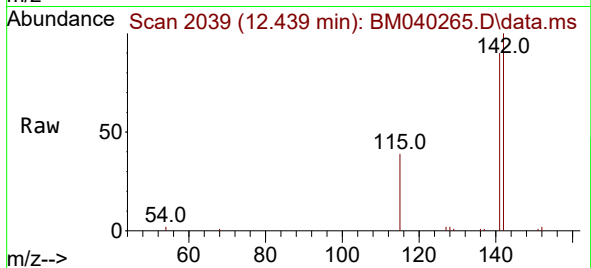




#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

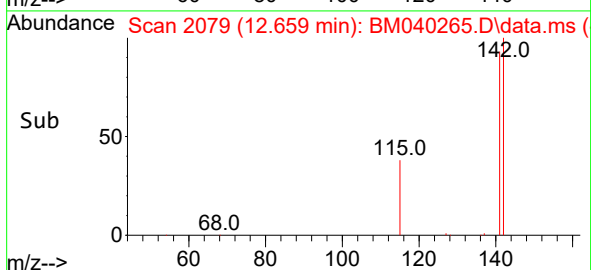
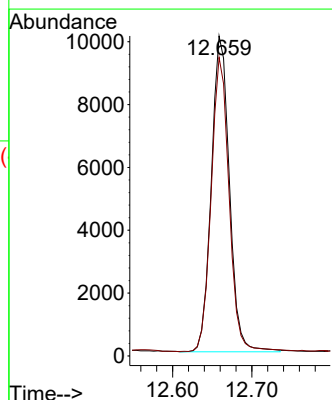
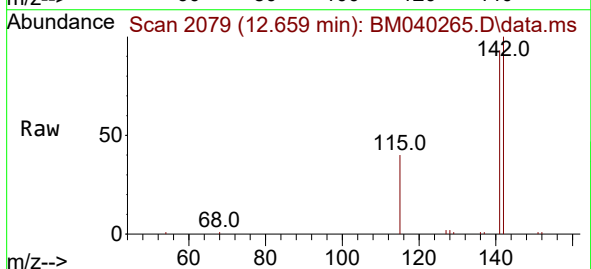
Instrument :
BNA_M
ClientSampleId :
SLCS389

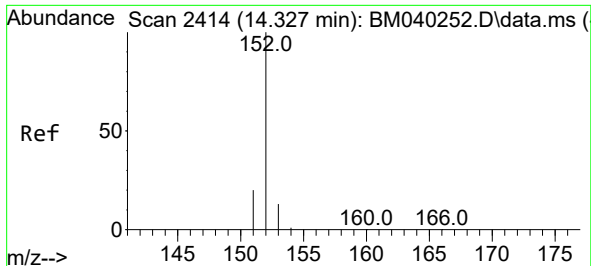
Tgt Ion:142 Resp: 15689
Ion Ratio Lower Upper
142 100
141 89.5 70.6 106.0



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

Tgt Ion:142 Resp: 15919
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.4

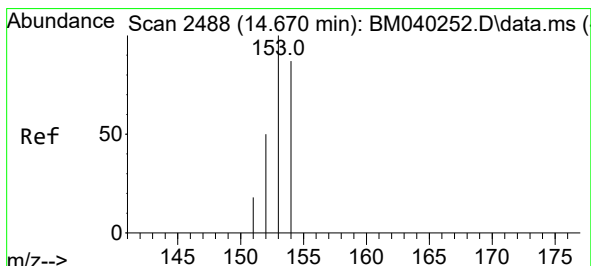
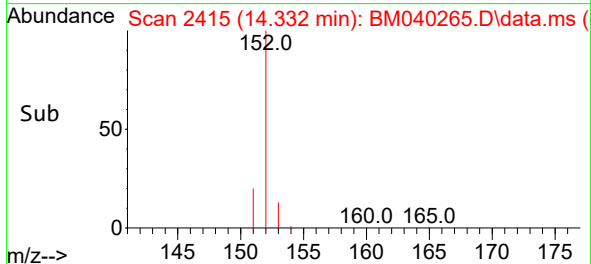
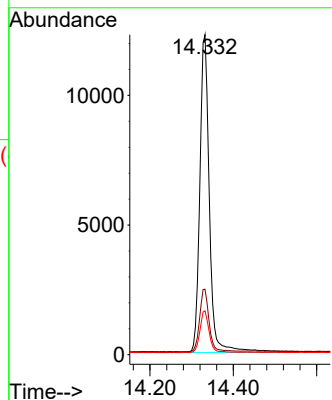
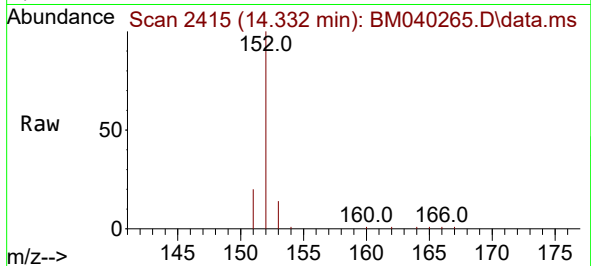




#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

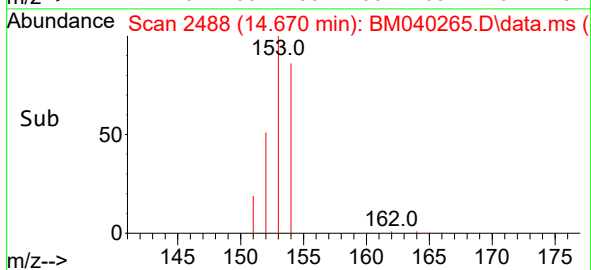
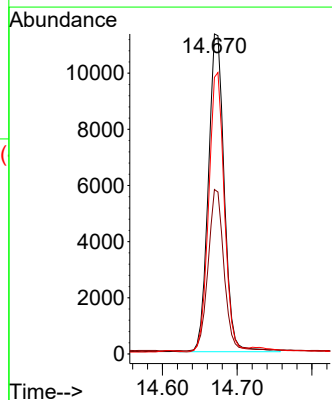
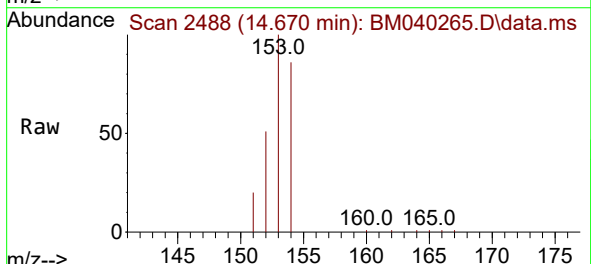
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ClientSampleId :
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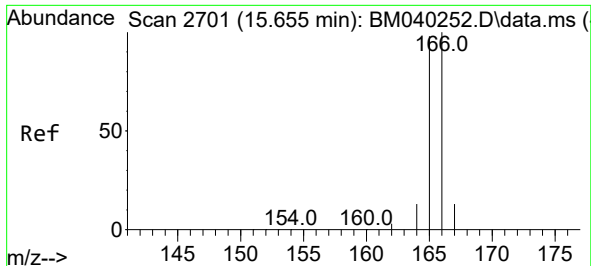
Tgt Ion:152 Resp: 19580
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.7 10.7 16.1



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

Tgt Ion:153 Resp: 16723
Ion Ratio Lower Upper
153 100
152 51.4 40.3 60.5
154 86.4 70.5 105.7

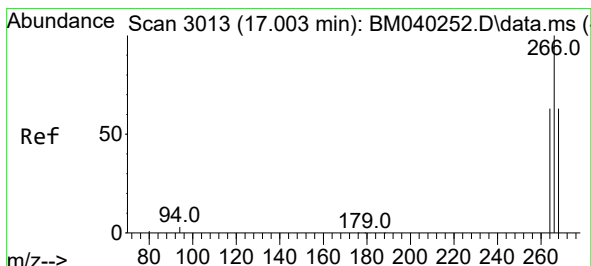
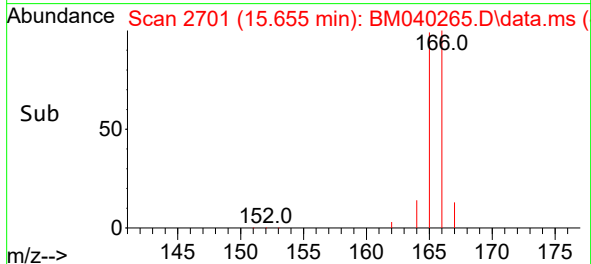
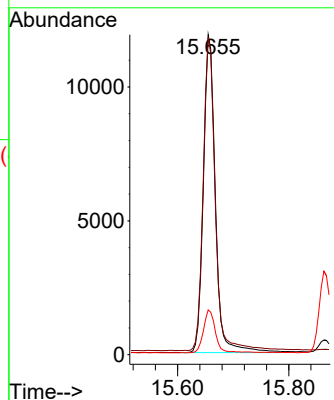
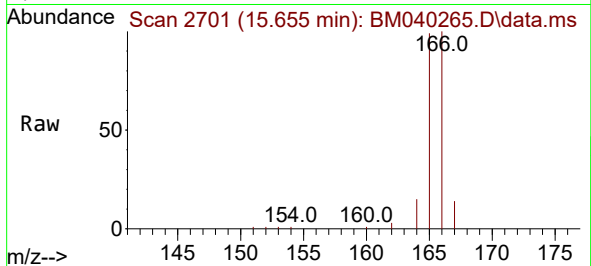




#12
Fluorene
Concen: 0.355 ng/ul
RT: 15.655 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

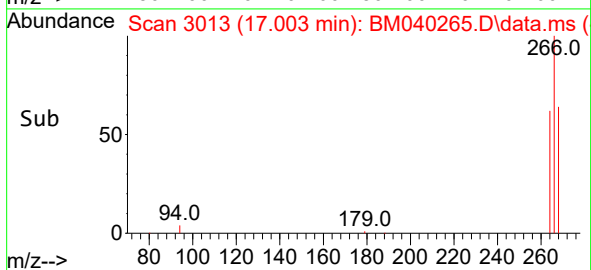
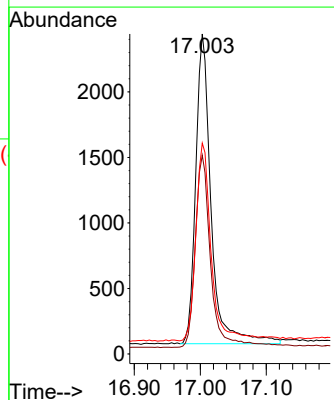
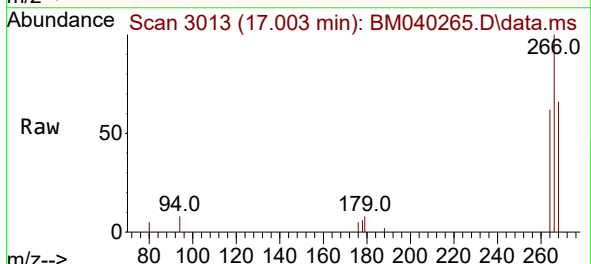
Instrument :
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ClientSampleId :
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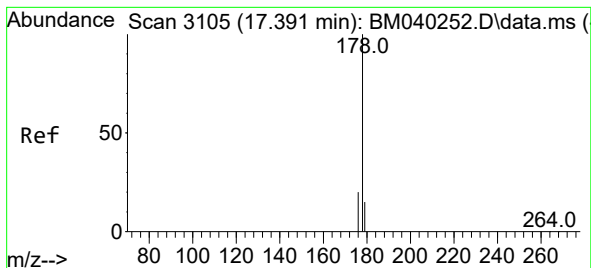
Tgt Ion:166 Resp: 17842
Ion Ratio Lower Upper
166 100
165 99.3 78.2 117.4
167 14.0 11.0 16.4



#14
Pentachlorophenol
Concen: 0.663 ng/ul
RT: 17.003 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

Tgt Ion:266 Resp: 3828
Ion Ratio Lower Upper
266 100
264 62.5 49.4 74.0
268 64.6 51.3 76.9





#15

Phenanthrene

Concen: 0.355 ng/ul

RT: 17.396 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BM040265.D

Acq: 15 Jun 2023 18:39

Instrument :

BNA_M

ClientSampleId :

SLCS389

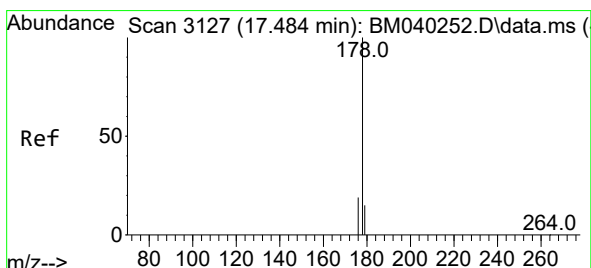
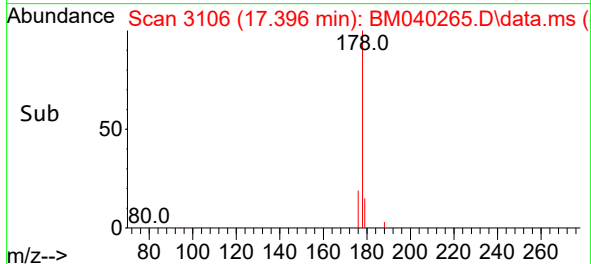
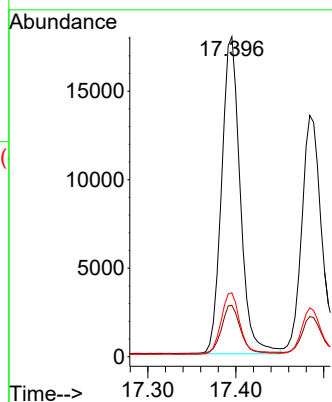
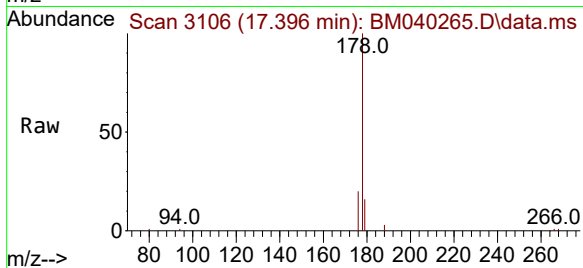
Tgt Ion:178 Resp: 26384

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

176 19.9 16.1 24.1



#16

Anthracene

Concen: 0.352 ng/ul

RT: 17.484 min Scan# 3127

Delta R.T. -0.004 min

Lab File: BM040265.D

Acq: 15 Jun 2023 18:39

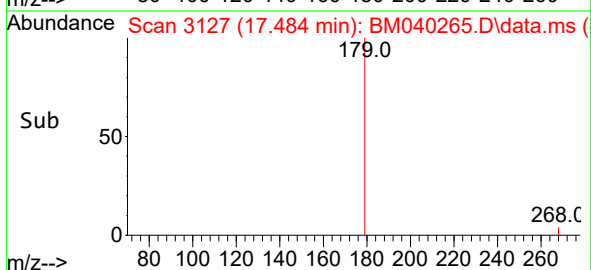
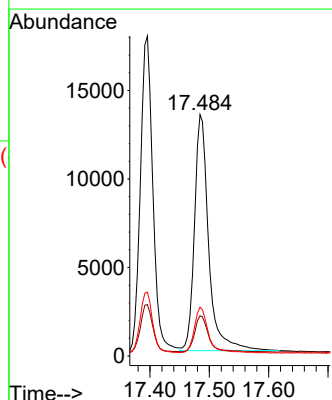
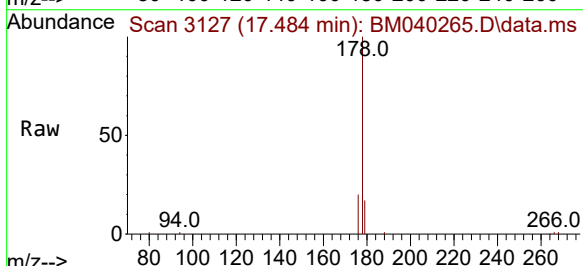
Tgt Ion:178 Resp: 22181

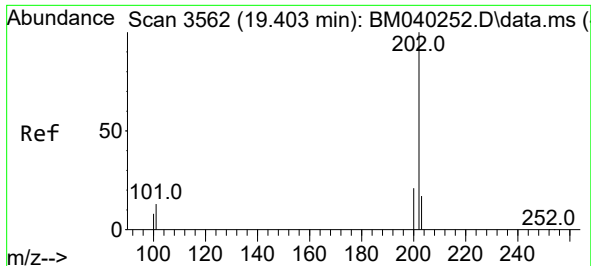
Ion Ratio Lower Upper

178 100

179 16.7 13.0 19.4

176 20.2 15.5 23.3

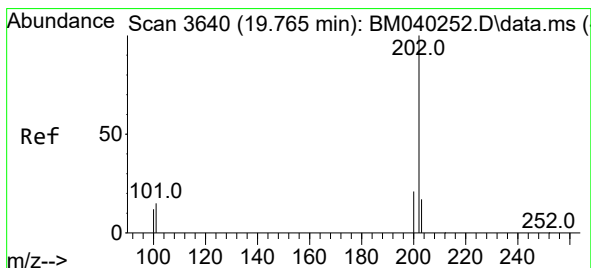
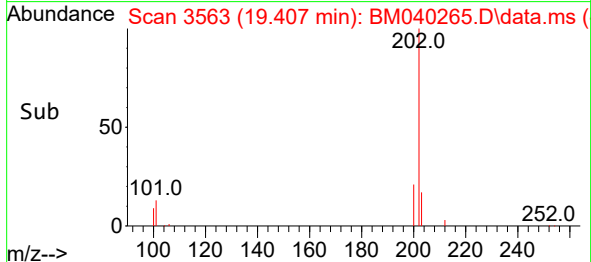
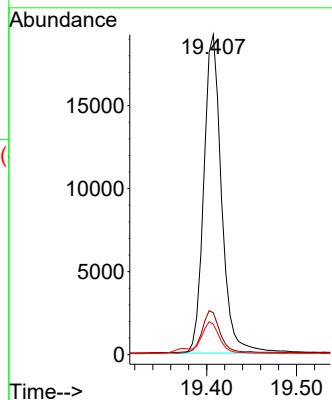
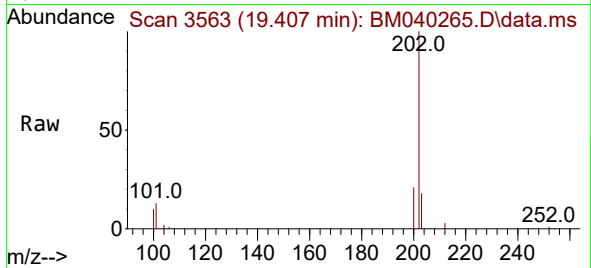




#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.407 min Scan# 3563
Delta R.T. -0.000 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

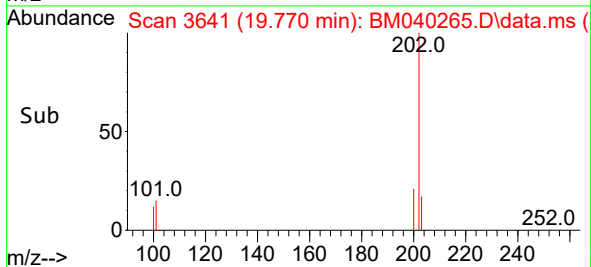
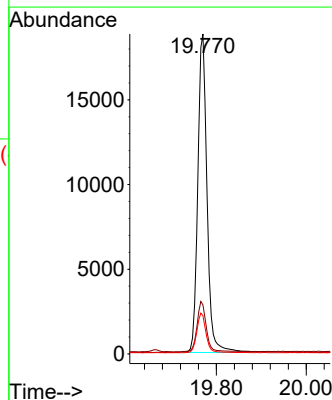
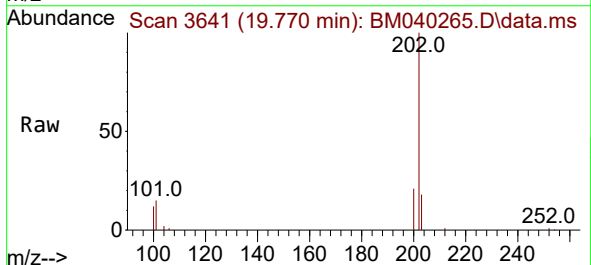
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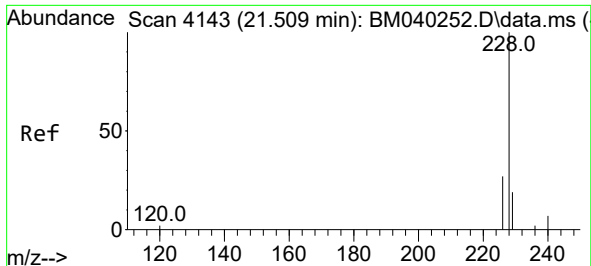
Tgt Ion:202 Resp: 26381
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.4
100 9.5 7.6 11.4



#20
Pyrene
Concen: 0.427 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

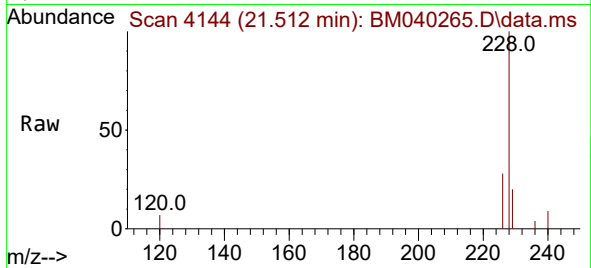
Tgt Ion:202 Resp: 26981
Ion Ratio Lower Upper
202 100
101 15.4 11.8 17.8
100 12.0 9.3 13.9



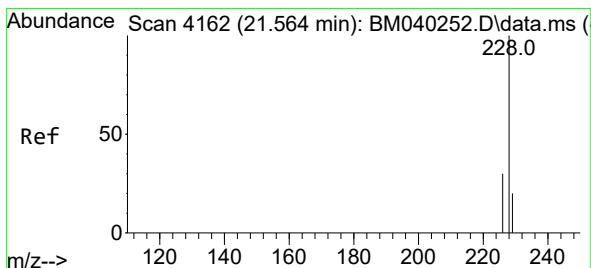
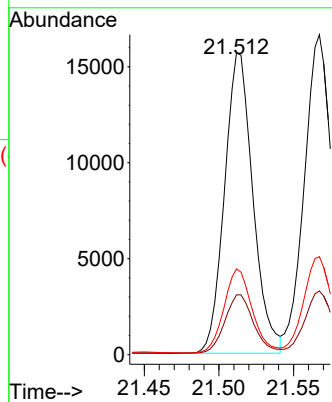
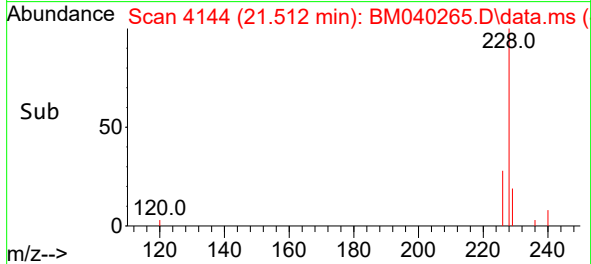


#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.512 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

Instrument :
BNA_M
ClientSampleId :
SLCS389

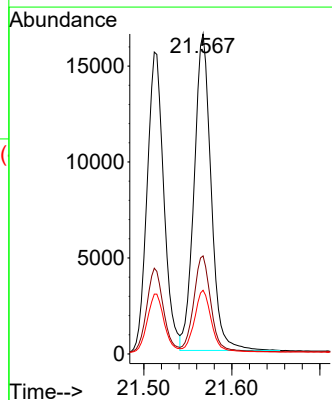
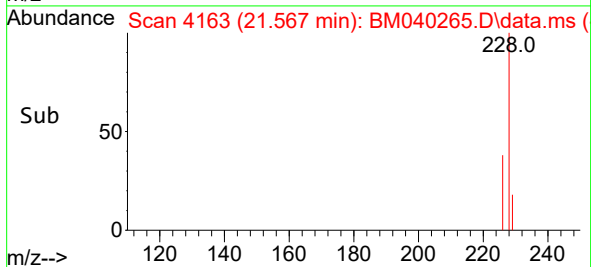
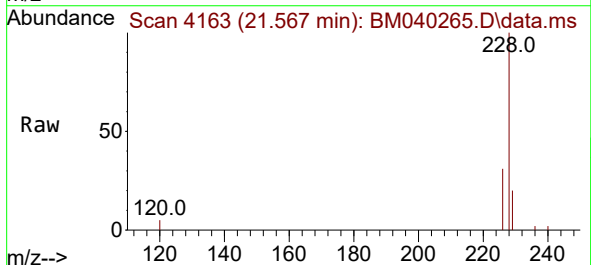


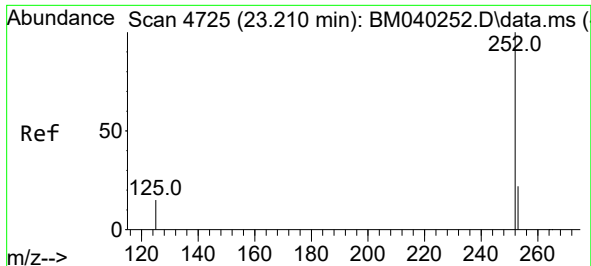
Tgt Ion:228 Resp: 20703
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 28.4 22.0 33.0



#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.567 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

Tgt Ion:228 Resp: 22129
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 19.9 15.7 23.5

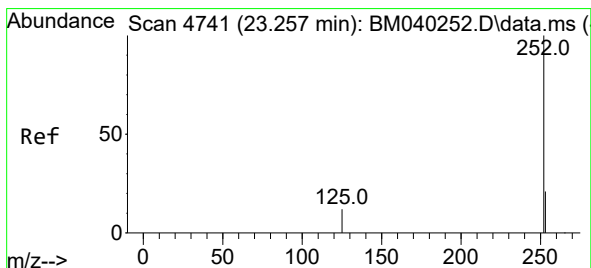
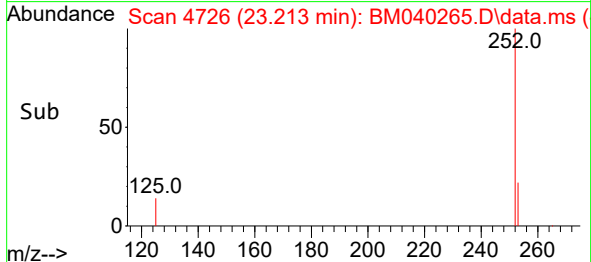
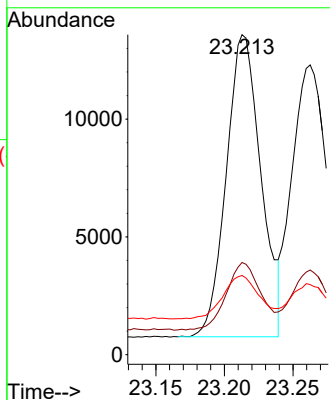
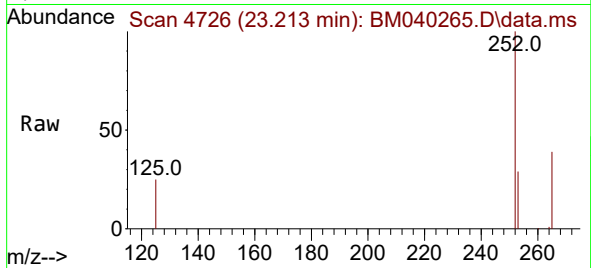




#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 23.213 min Scan# 4725
Delta R.T. -0.003 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

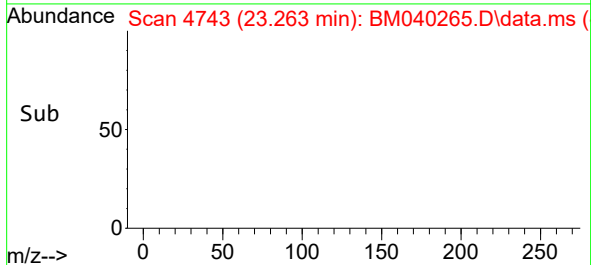
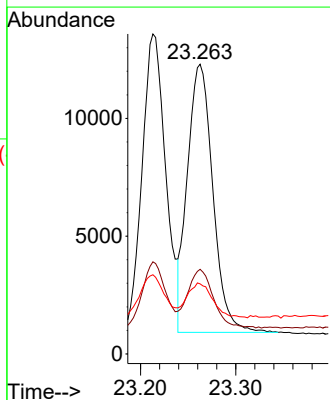
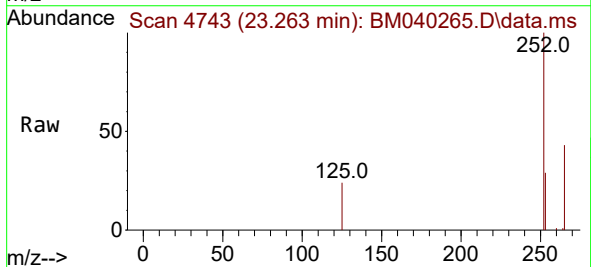
Instrument :
BNA_M
ClientSampleId :
SLCS389

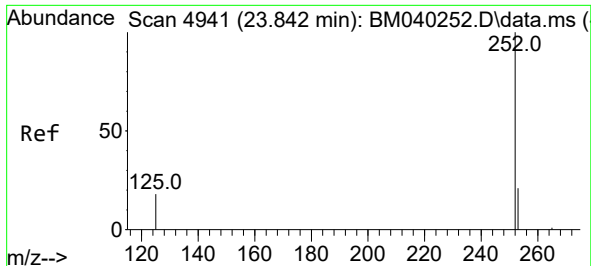
Tgt Ion:252 Resp: 22544
Ion Ratio Lower Upper
252 100
253 28.8 0.0 52.4
125 24.8 0.0 38.4



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 23.263 min Scan# 4743
Delta R.T. -0.003 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

Tgt Ion:252 Resp: 21148
Ion Ratio Lower Upper
252 100
253 29.2 21.5 32.3
125 24.2 14.7 22.1#

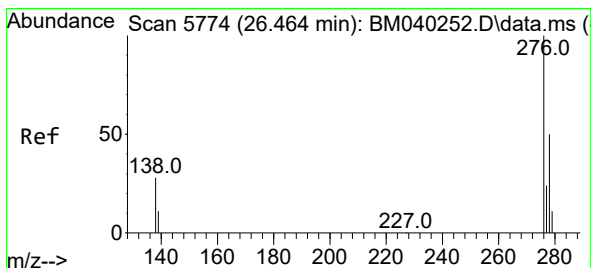
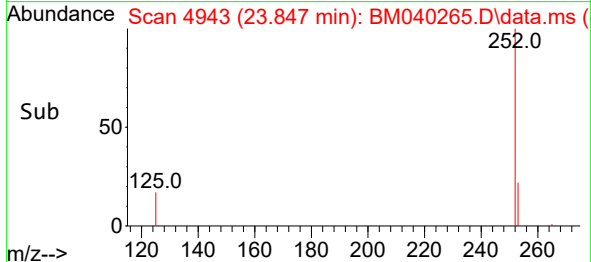
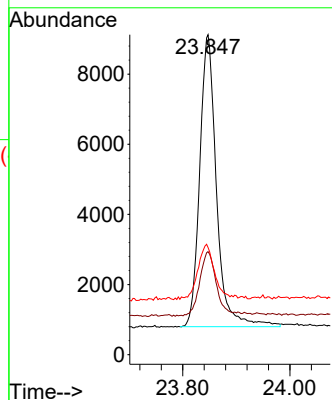
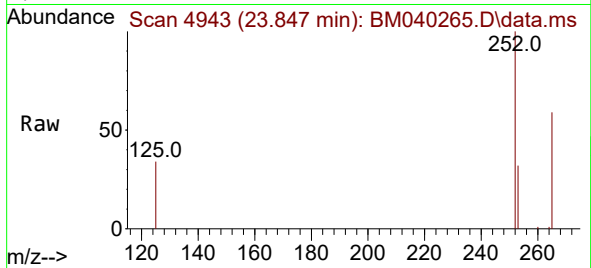




#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.847 min Scan# 4941
Delta R.T. -0.003 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

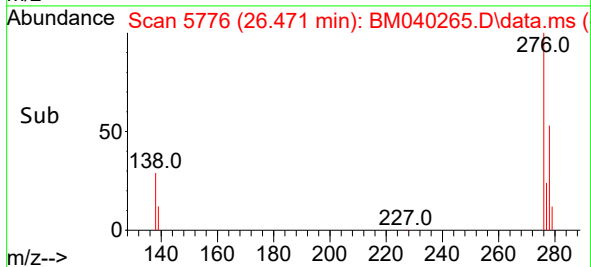
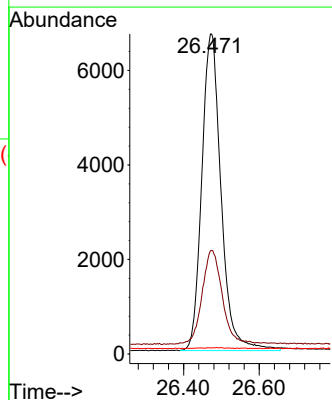
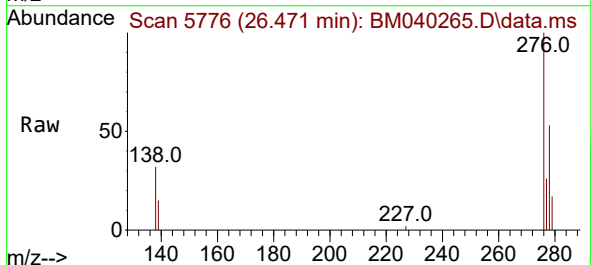
Instrument :
BNA_M
ClientSampleId :
SLCS389

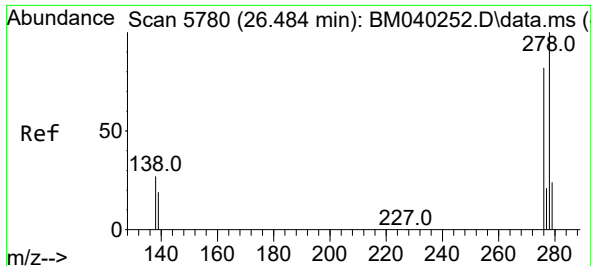
Tgt Ion:252 Resp: 18042
Ion Ratio Lower Upper
252 100
253 32.2 23.4 35.0
125 33.5 19.7 29.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 26.471 min Scan# 5776
Delta R.T. -0.007 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

Tgt Ion:276 Resp: 23717
Ion Ratio Lower Upper
276 100
138 30.9 23.3 34.9
227 0.0 0.1 0.1#

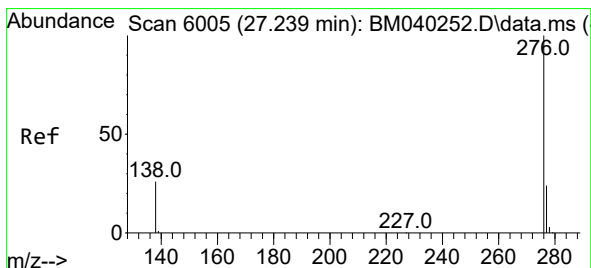
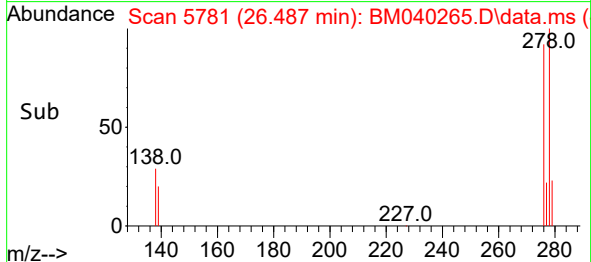
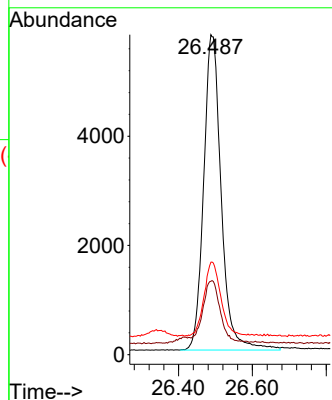
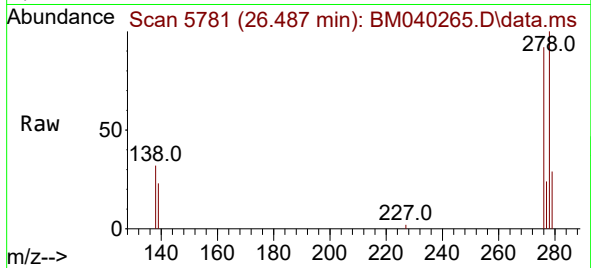




#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 26.487 min Scan# 5781
Delta R.T. -0.010 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

Instrument :
BNA_M
ClientSampleId :
SLCS389

Tgt Ion:278 Resp: 19040
Ion Ratio Lower Upper
278 100
139 23.0 16.4 24.6
279 28.9 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 27.249 min Scan# 6008
Delta R.T. -0.007 min
Lab File: BM040265.D
Acq: 15 Jun 2023 18:39

Tgt Ion:276 Resp: 20277
Ion Ratio Lower Upper
276 100
138 29.3 21.0 31.4
277 25.1 19.6 29.4

