

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043438.D
 Acq On : 19 Dec 2023 21:53
 Operator : MA/JU
 Sample : PB157886BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS886

Quant Time: Dec 19 23:37:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

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

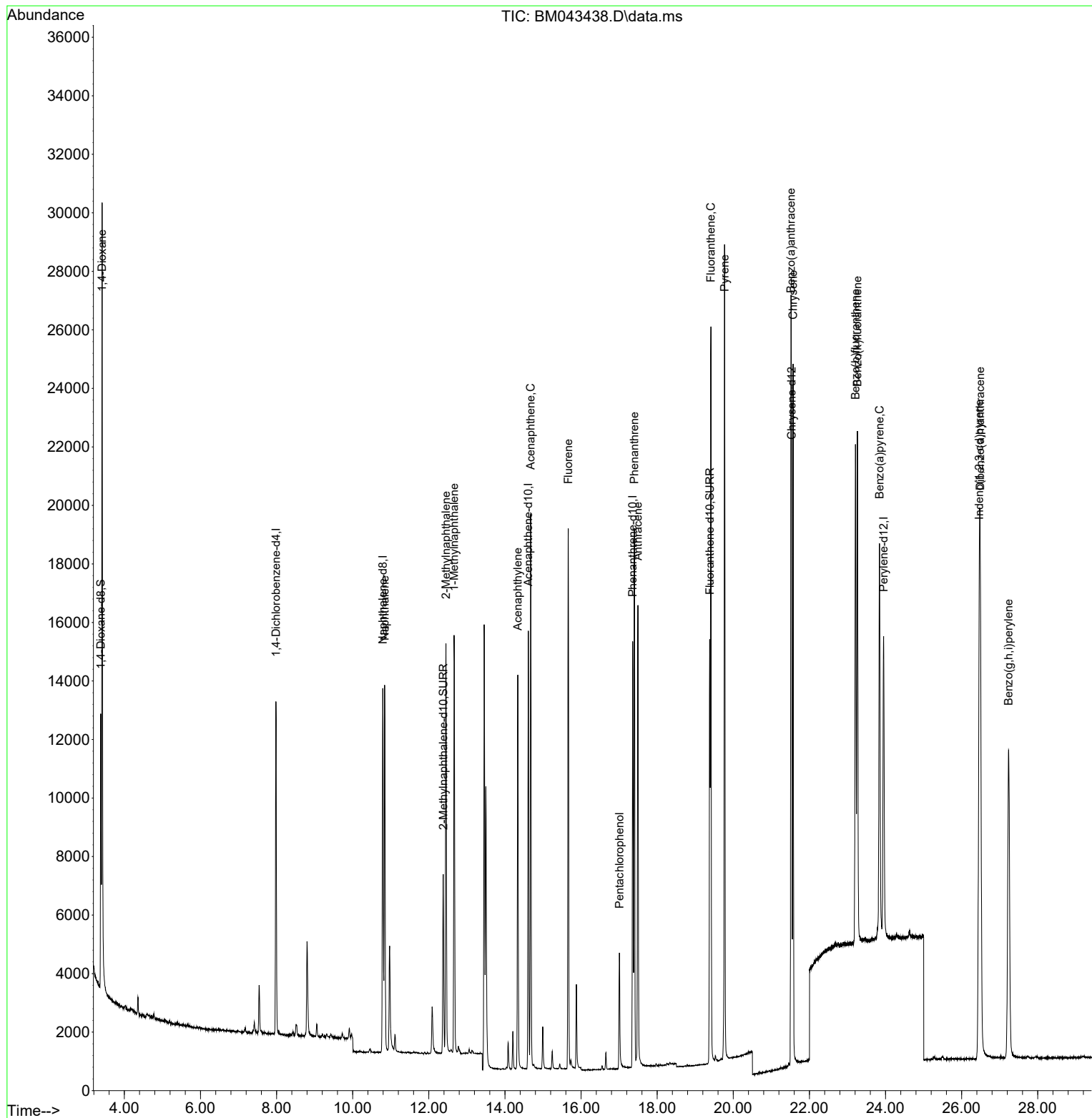
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	5783	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	16983	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	8405	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	17203	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	13251	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	15199	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5534	0.757	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	8524	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	14708	0.311	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	16496	2.251	ng/ul#	79
5) Naphthalene	10.840	128	17318	0.339	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	10504	0.319	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	10206	0.309	ng/ul	99
10) Acenaphthylene	14.338	152	15763	0.341	ng/ul	99
11) Acenaphthene	14.675	153	11248	0.334	ng/ul	97
12) Fluorene	15.665	166	12290	0.322	ng/ul	98
14) Pentachlorophenol	17.008	266	3169	0.831	ng/ul	98
15) Phenanthrene	17.400	178	19783	0.345	ng/ul	99
16) Anthracene	17.493	178	18428	0.354	ng/ul	99
19) Fluoranthene	19.413	202	21693	0.290	ng/ul	96
20) Pyrene	19.771	202	22727	0.306	ng/ul	97
21) Benzo(a)anthracene	21.515	228	20784	0.357	ng/ul	99
22) Chrysene	21.571	228	21306	0.347	ng/ul	100
24) Benzo(b)fluoranthene	23.211	252	23179	0.336	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	23694	0.331	ng/ul#	91
26) Benzo(a)pyrene	23.842	252	21391	0.376	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.465	276	28862	0.445	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.488	278	23096	0.450	ng/ul	95
29) Benzo(g,h,i)perylene	27.233	276	24061	0.435	ng/ul	97

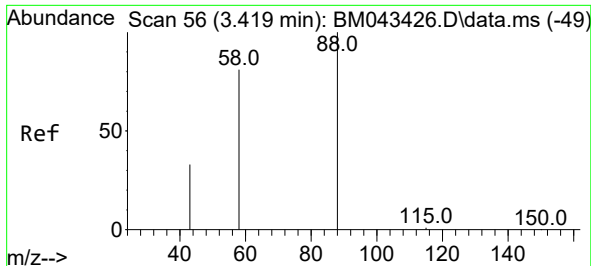
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

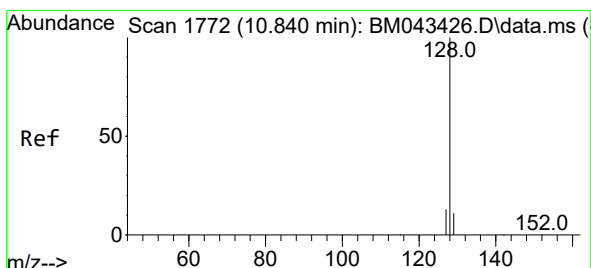
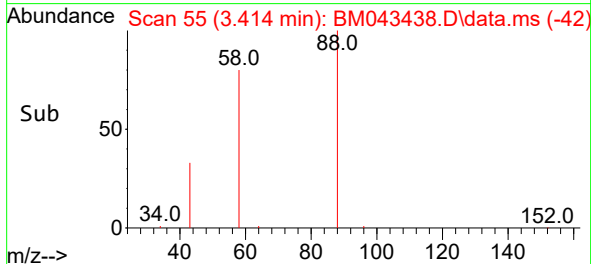
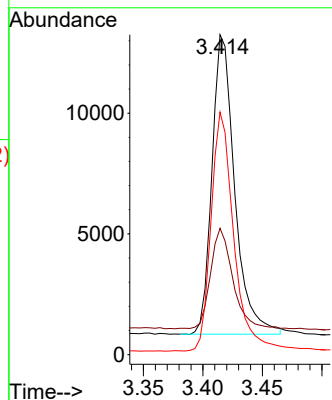
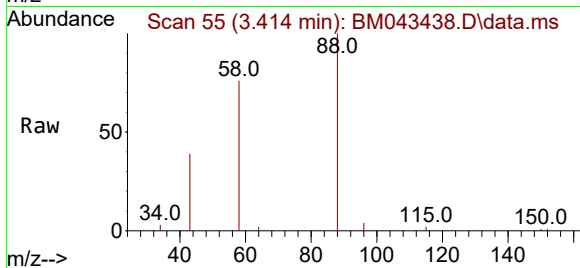




#2
1,4-Dioxane
Concen: 2.251 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

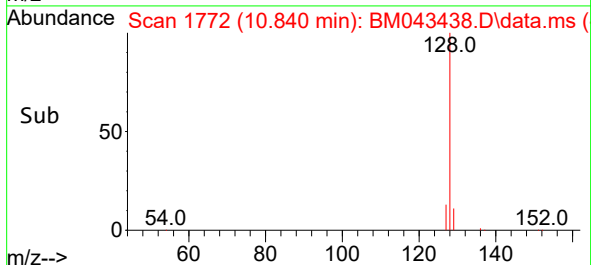
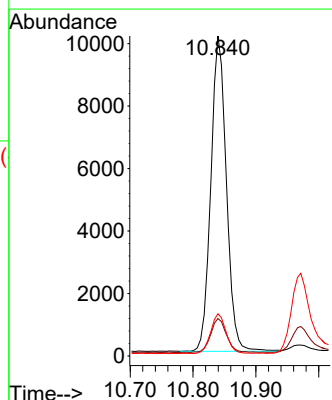
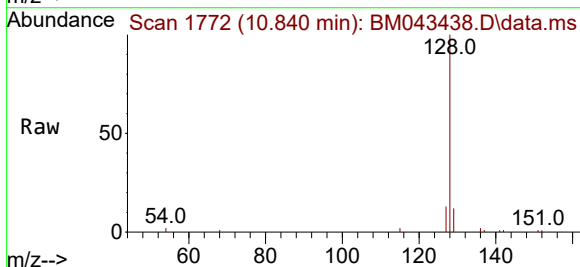
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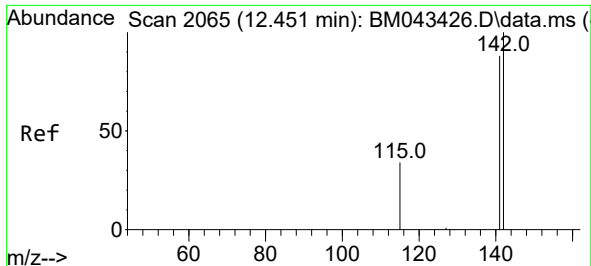
Tgt Ion: 88 Resp: 16496
Ion Ratio Lower Upper
88 100
43 39.5 27.9 41.9
58 75.8 43.4 65.2#



#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion: 128 Resp: 17318
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.2 10.3 15.5

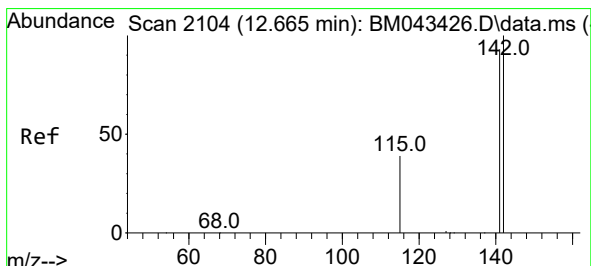
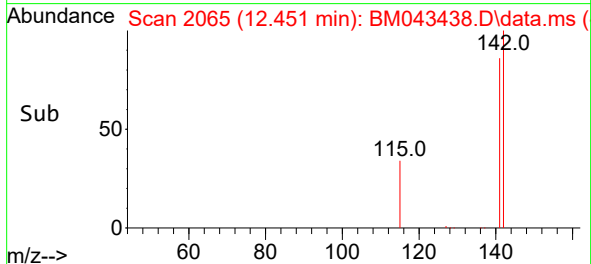
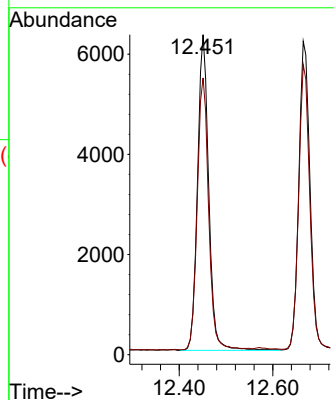
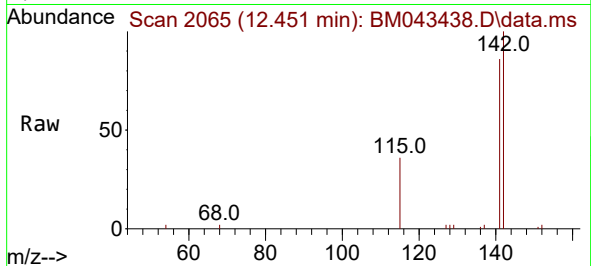




#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

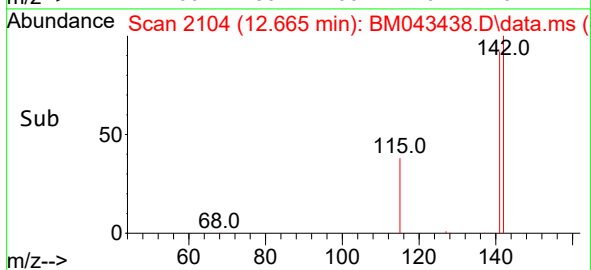
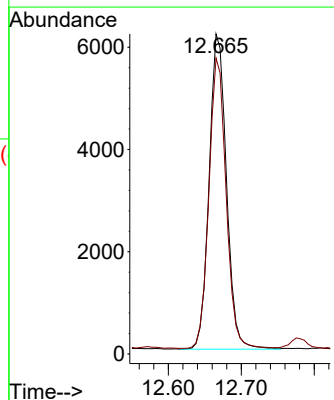
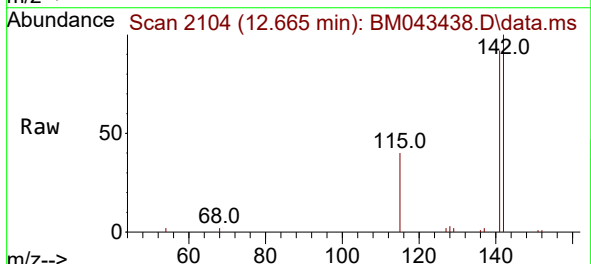
Instrument :
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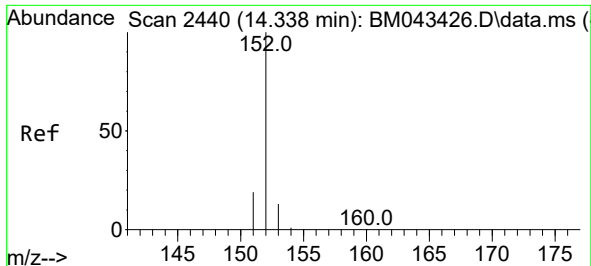
Tgt Ion:142 Resp: 10504
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:142 Resp: 10206
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5

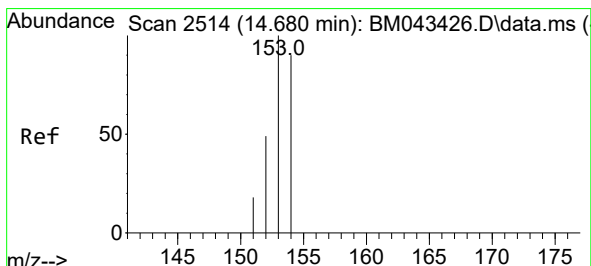
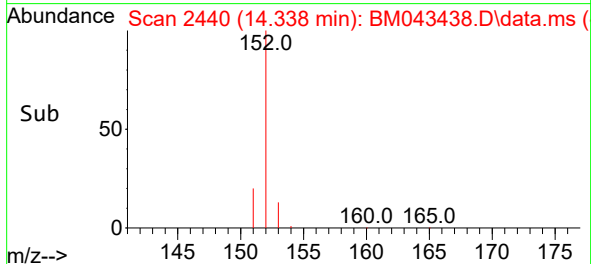
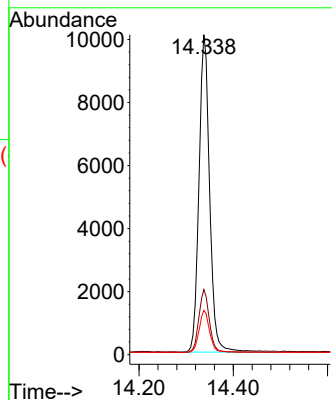
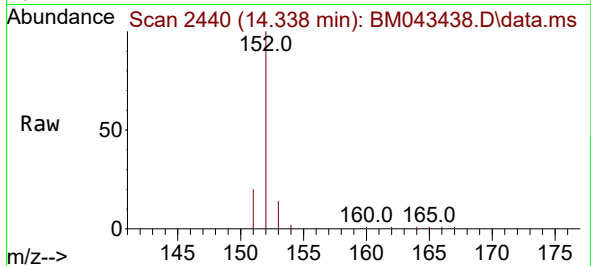




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

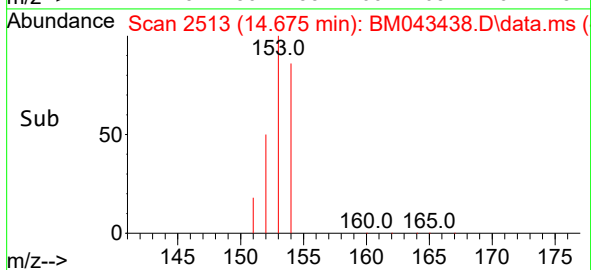
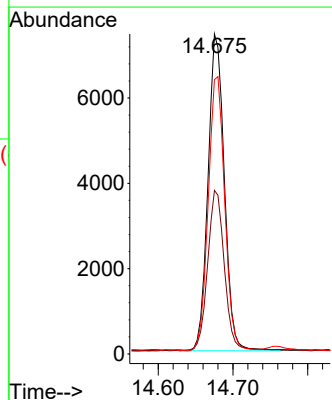
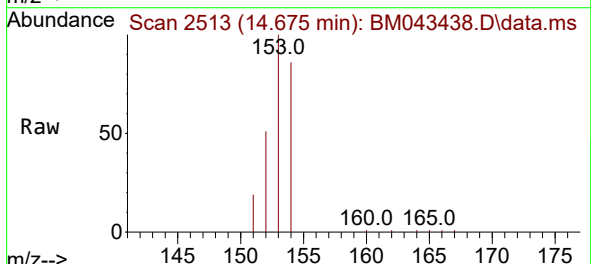
Instrument :
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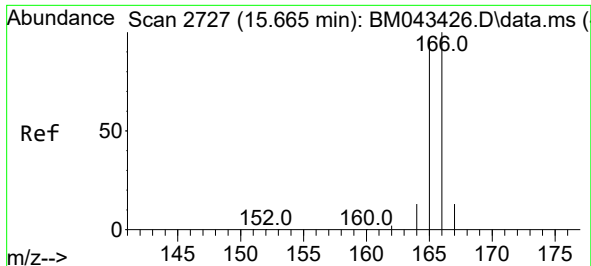
Tgt Ion:152 Resp: 15763
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.8 10.4 15.6



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:153 Resp: 11248
Ion Ratio Lower Upper
153 100
152 51.1 42.1 63.1
154 85.7 71.3 106.9

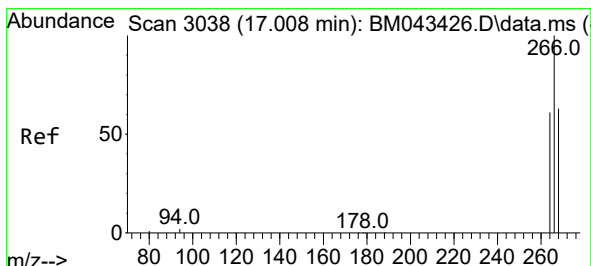
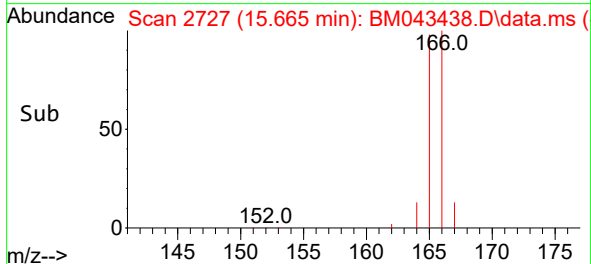
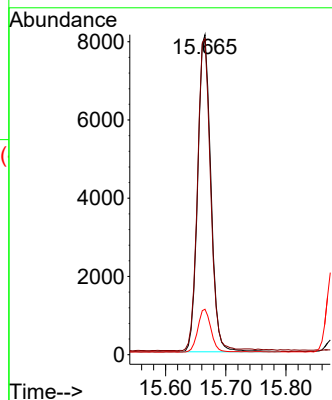
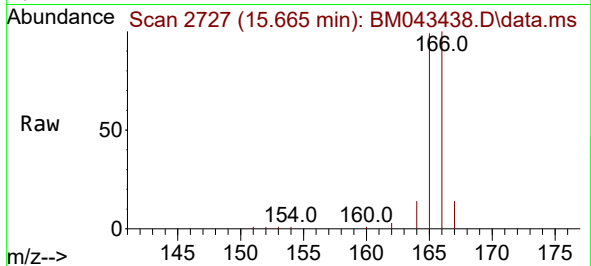




#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.665 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

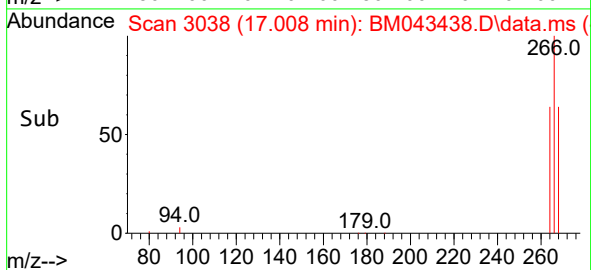
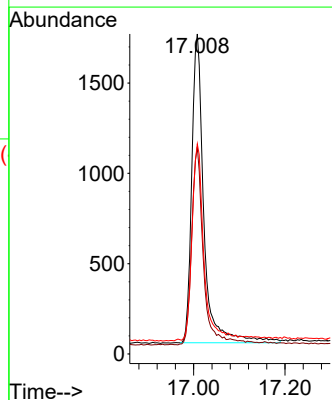
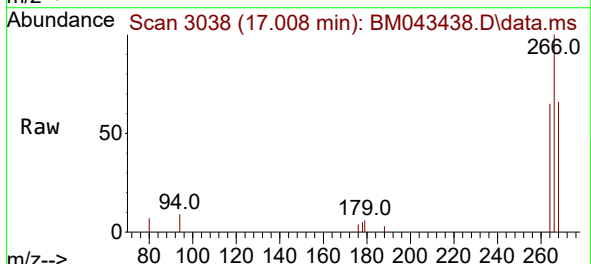
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BNA_M
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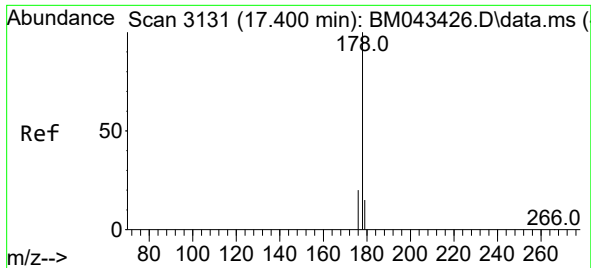
Tgt Ion:166 Resp: 12290
Ion Ratio Lower Upper
166 100
165 98.8 80.3 120.5
167 14.2 10.8 16.2



#14
Pentachlorophenol
Concen: 0.831 ng/ul
RT: 17.008 min Scan# 3038
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:266 Resp: 3169
Ion Ratio Lower Upper
266 100
264 62.1 51.7 77.5
268 64.2 51.9 77.9

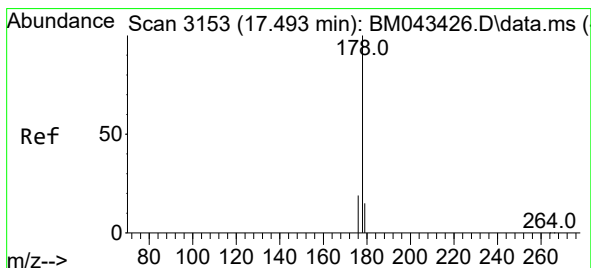
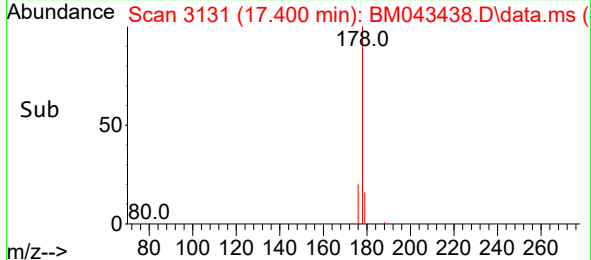
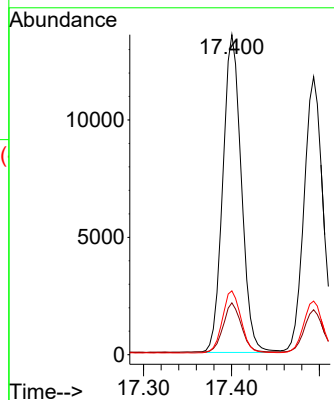
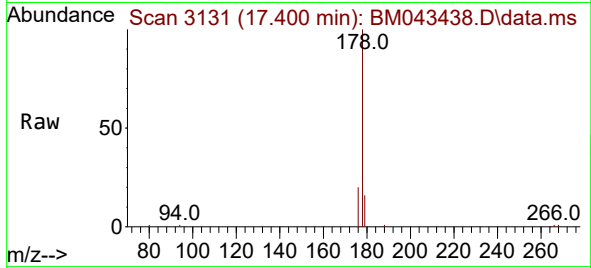




#15
Phenanthrene
Concen: 0.345 ng/ul
RT: 17.400 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

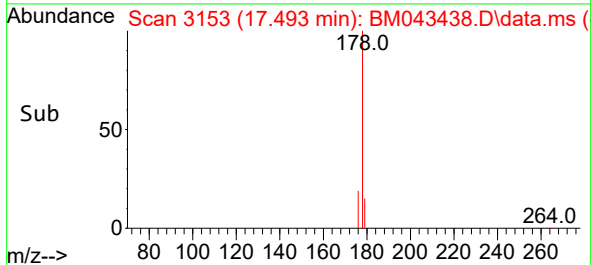
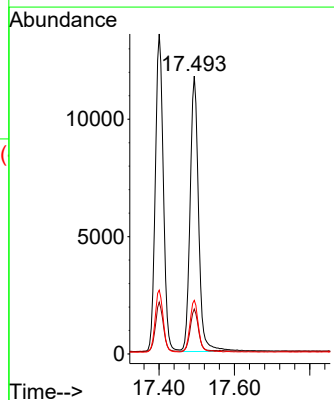
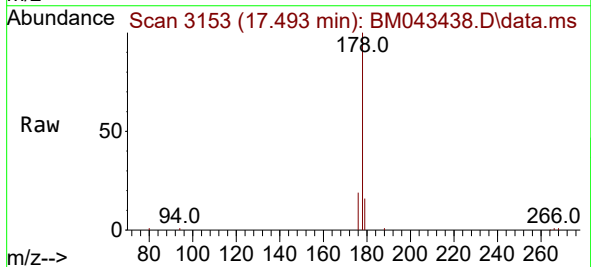
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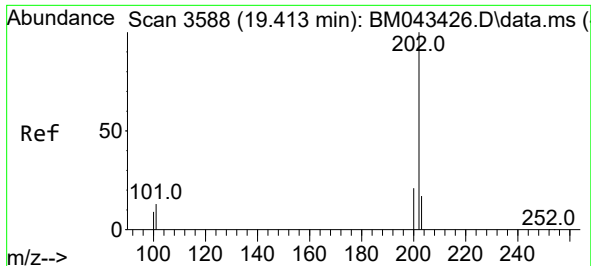
Tgt Ion:	178	Resp:	19783
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.4	18.6
176	20.0	16.2	24.2



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:	178	Resp:	18428
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	18.8
176	19.3	15.6	23.4

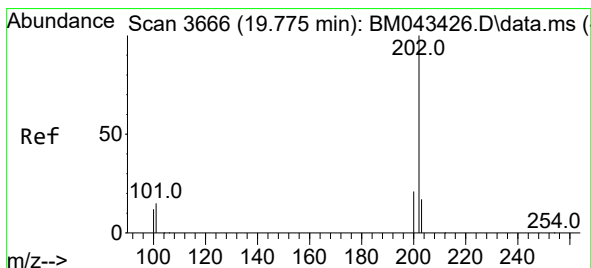
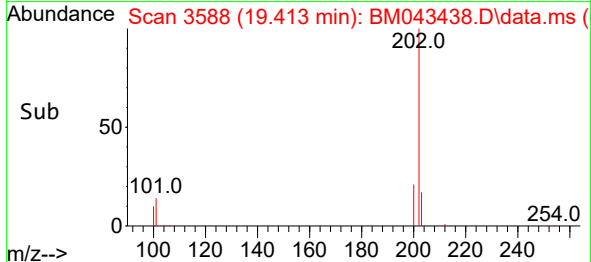
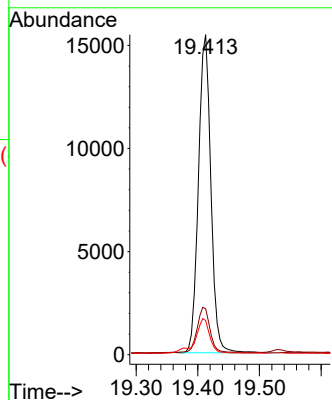
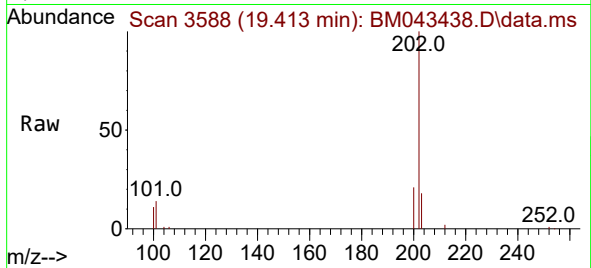




#19
Fluoranthene
Concen: 0.290 ng/ul
RT: 19.413 min Scan# 3588
Delta R.T. -0.000 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

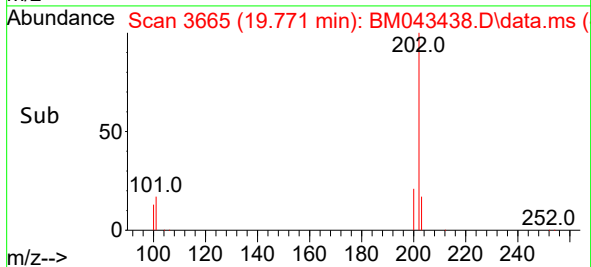
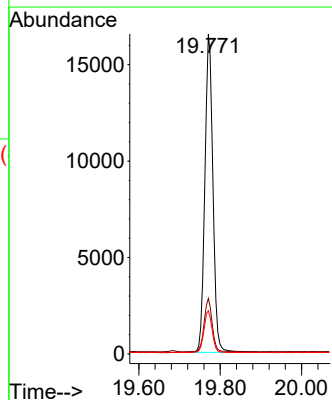
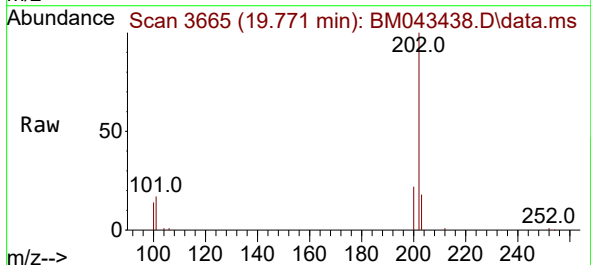
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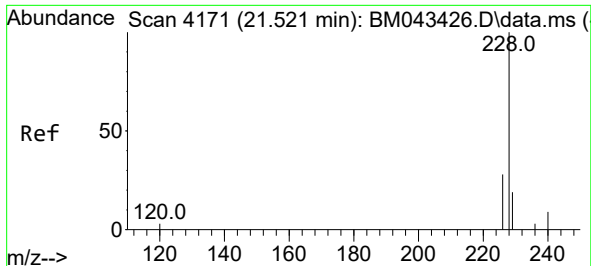
Tgt Ion:202 Resp: 21693
Ion Ratio Lower Upper
202 100
101 14.4 10.1 15.1
100 10.6 7.4 11.2



#20
Pyrene
Concen: 0.306 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:202 Resp: 22727
Ion Ratio Lower Upper
202 100
101 17.3 12.7 19.1
100 13.5 9.8 14.8

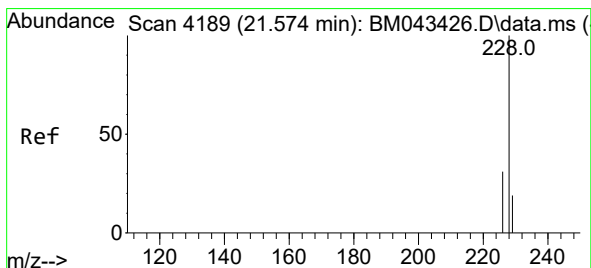
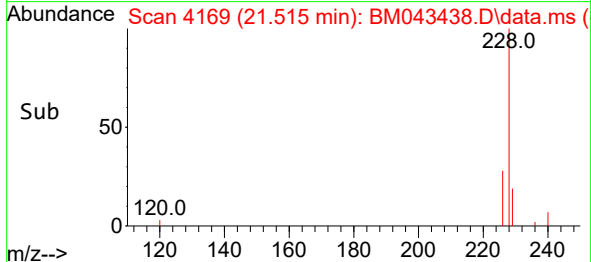
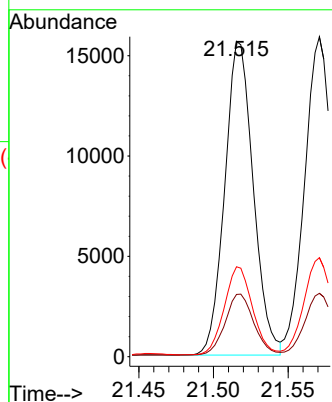
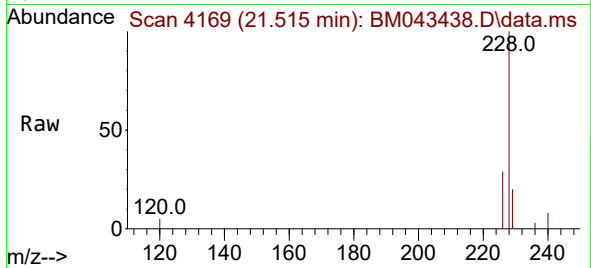




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.515 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

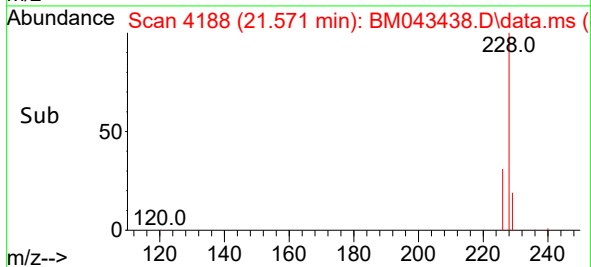
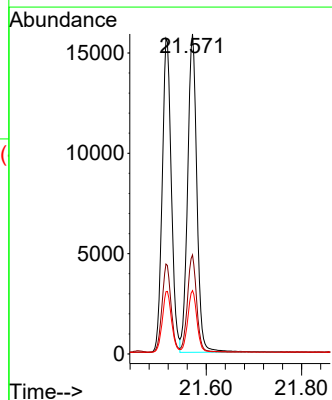
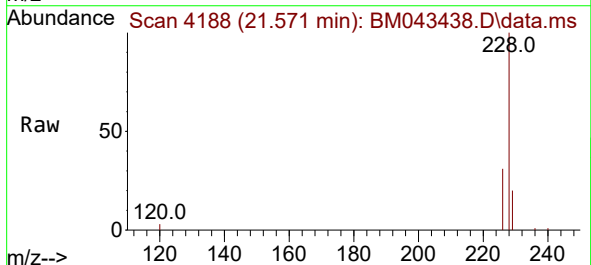
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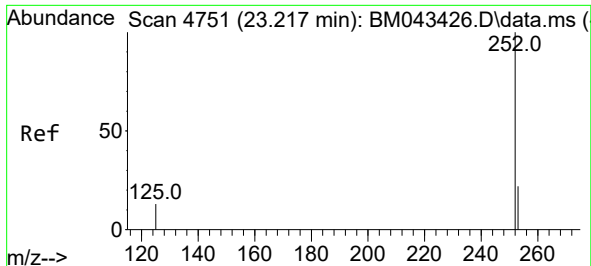
Tgt Ion:228 Resp: 20784
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 28.5 22.6 34.0



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:228 Resp: 21306
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 19.8 15.7 23.5

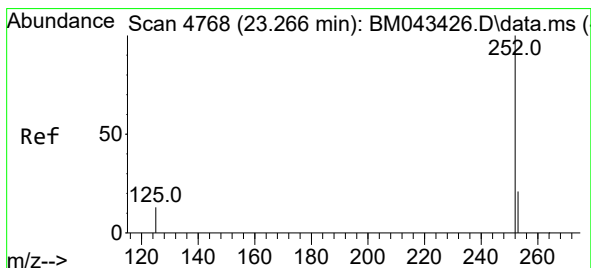
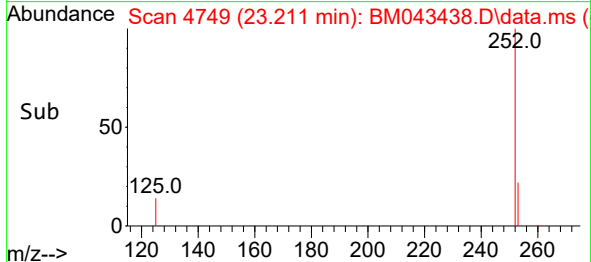
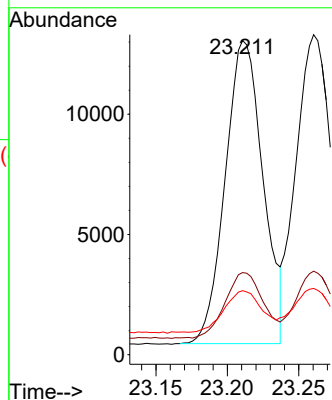
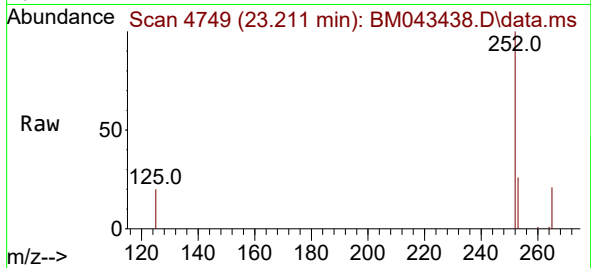




#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.211 min Scan# 4751
Delta R.T. -0.006 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

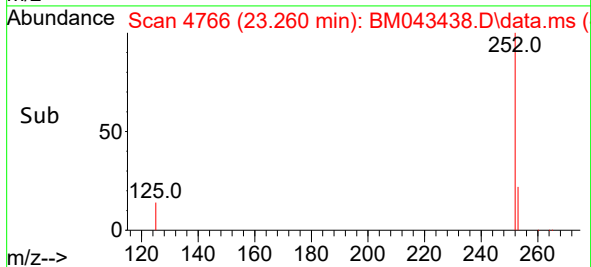
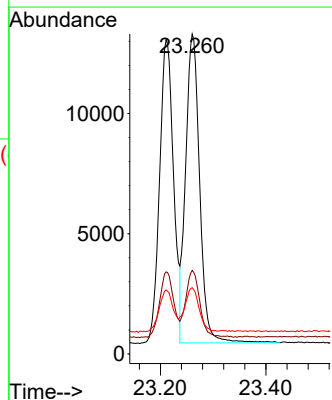
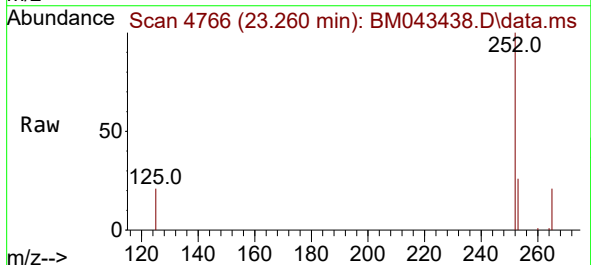
Instrument :
BNA_M
ClientSampleId :
SLCS886

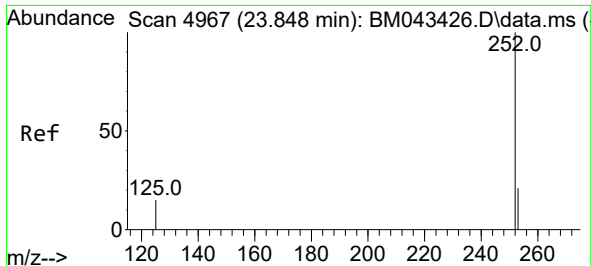
Tgt Ion:252 Resp: 23179
Ion Ratio Lower Upper
252 100
253 26.1 0.0 48.8
125 20.4 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:252 Resp: 23694
Ion Ratio Lower Upper
252 100
253 26.1 18.6 28.0
125 20.7 11.8 17.8#

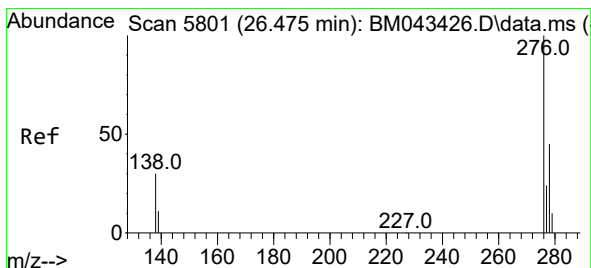
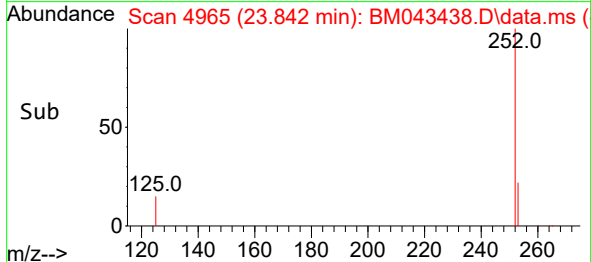
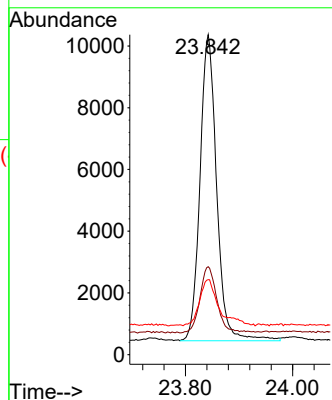
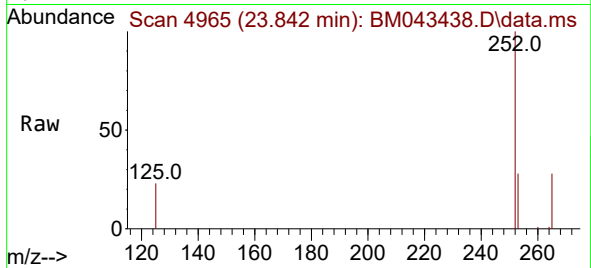




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.842 min Scan# 4965
Delta R.T. -0.006 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

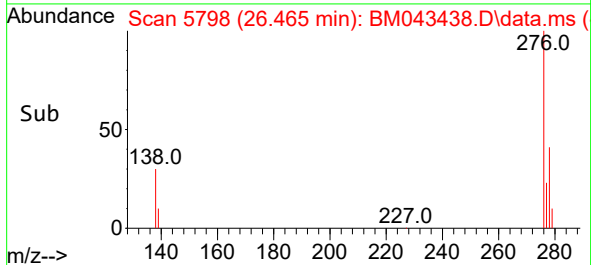
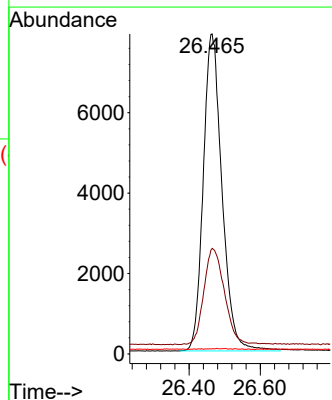
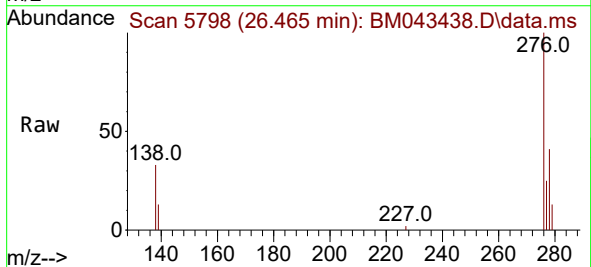
Instrument :
BNA_M
ClientSampleId :
SLCS886

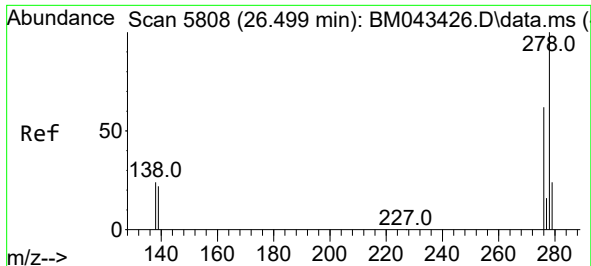
Tgt Ion:252 Resp: 21391
Ion Ratio Lower Upper
252 100
253 27.5 20.2 30.2
125 23.5 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.445 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.011 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:276 Resp: 28862
Ion Ratio Lower Upper
276 100
138 32.9 24.6 36.8
227 0.2 0.0 0.0#

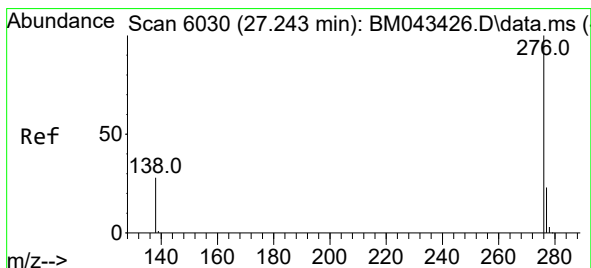
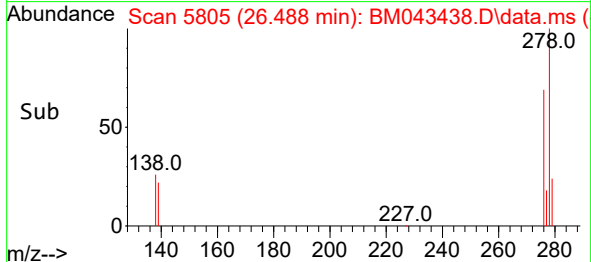
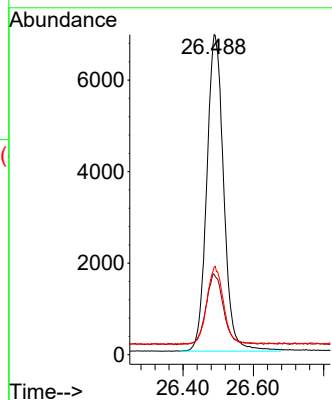
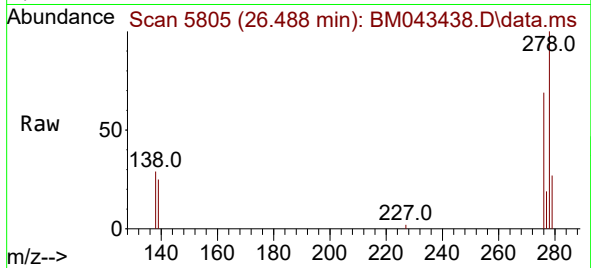




#28
Dibenzo(a,h)anthracene
Concen: 0.450 ng/ul
RT: 26.488 min Scan# 5805
Delta R.T. -0.011 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS886

Tgt Ion:278 Resp: 23096
Ion Ratio Lower Upper
278 100
139 25.1 17.4 26.2
279 27.4 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.435 ng/ul
RT: 27.233 min Scan# 6027
Delta R.T. -0.011 min
Lab File: BM043438.D
Acq: 19 Dec 2023 21:53

Tgt Ion:276 Resp: 24061
Ion Ratio Lower Upper
276 100
138 31.7 23.1 34.7
277 24.6 19.4 29.0

