

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
 Data File : BM048450.D
 Acq On : 05 Nov 2024 05:54
 Operator : RC/JU
 Sample : PB164577BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS577

Quant Time: Nov 05 06:23:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 05:12:02 2024
 Response via : Initial Calibration

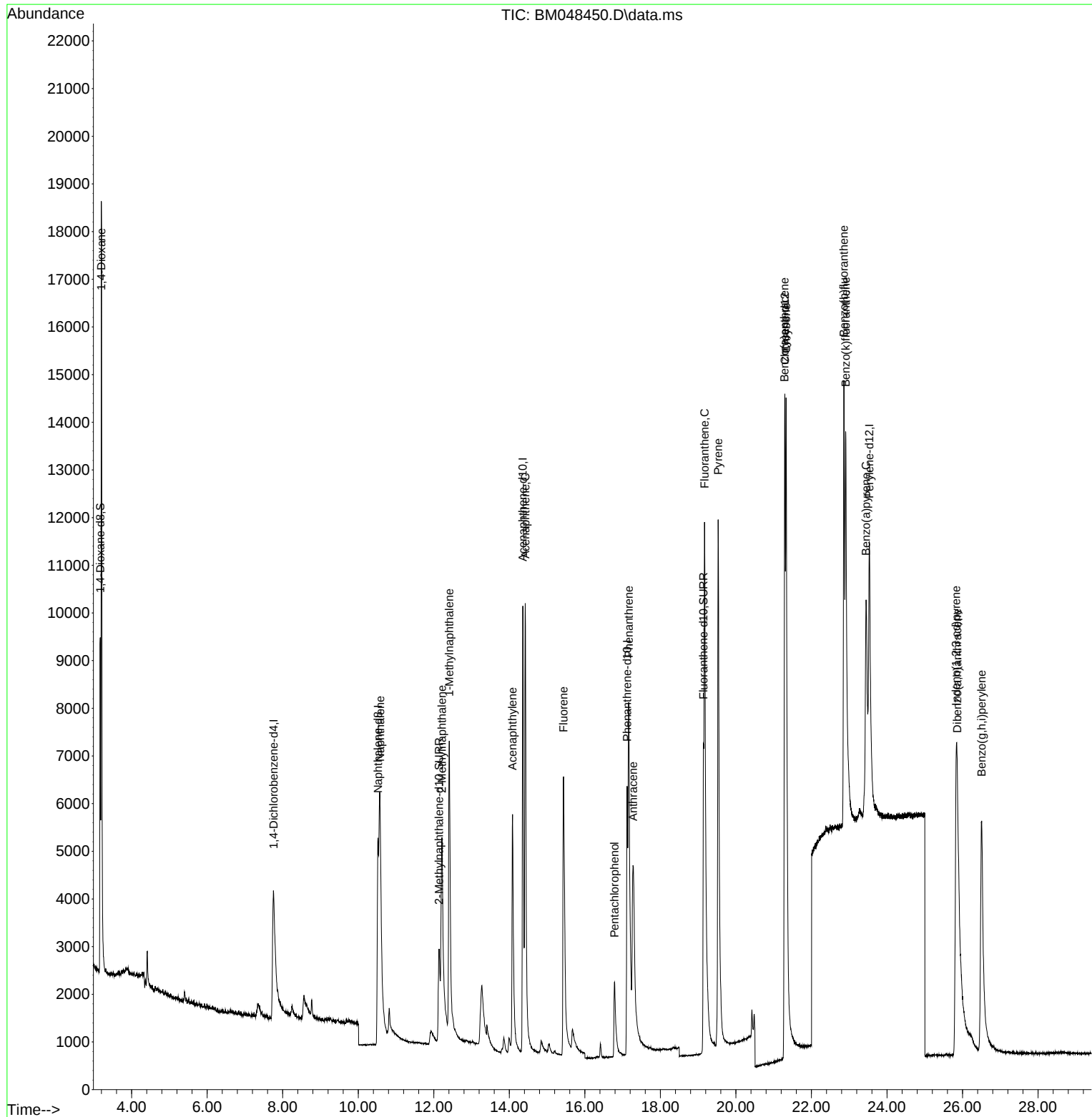
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	4370	0.400	ng/ul	0.00
4) Naphthalene-d8	10.523	136	15098	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.357	164	8013	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.119	188	15346	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	11946	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264	11757	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	4701	0.876	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.140	152	6995	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.140	212	14129	0.466	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	11408	1.959	ng/ul#	82
5) Naphthalene	10.578	128	13209	0.335	ng/ul	99
7) 2-Methylnaphthalene	12.217	142	7222	0.308	ng/ul	98
8) 1-Methylnaphthalene	12.409	142	8409	0.336	ng/ul	97
10) Acenaphthylene	14.084	152	10594	0.342	ng/ul	99
11) Acenaphthene	14.422	153	8763	0.353	ng/ul	98
12) Fluorene	15.435	166	9173	0.332	ng/ul	99
14) Pentachlorophenol	16.785	266	2517	0.589	ng/ul	94
15) Phenanthrene	17.161	178	12943	0.339	ng/ul	99
16) Anthracene	17.275	178	11257	0.315	ng/ul	98
19) Fluoranthene	19.173	202	17205	0.418	ng/ul	98
20) Pyrene	19.531	202	18363	0.415	ng/ul	98
21) Benzo(a)anthracene	21.289	228	11131	0.311	ng/ul	99
22) Chrysene	21.330	228	21469	0.436	ng/ul	100
24) Benzo(b)fluoranthene	22.859	252	14389	0.358	ng/ul	98
25) Benzo(k)fluoranthene	22.905	252	19868	0.418	ng/ul	100
26) Benzo(a)pyrene	23.446	252	14447	0.383	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.833	276	18709	0.355	ng/ul	98
28) Dibenzo(a,h)anthracene	25.863	278	14585	0.354	ng/ul	97
29) Benzo(g,h,i)perylene	26.507	276	16754	0.377	ng/ul	99

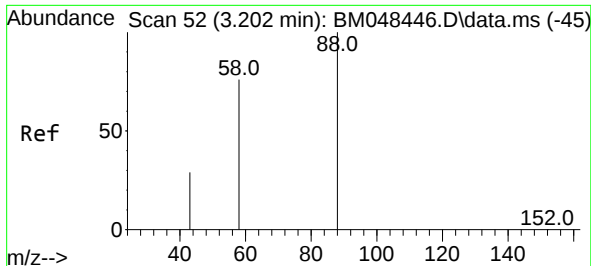
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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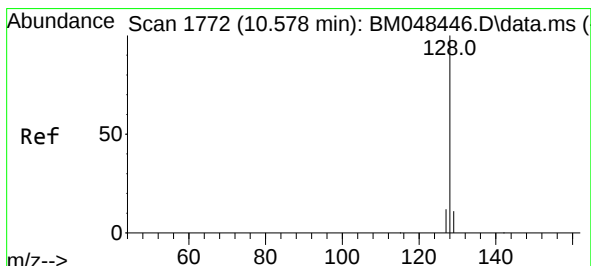
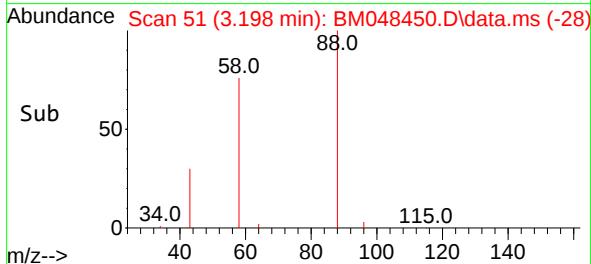
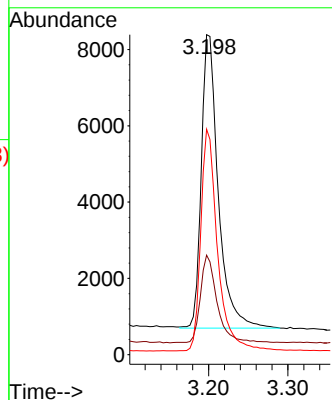
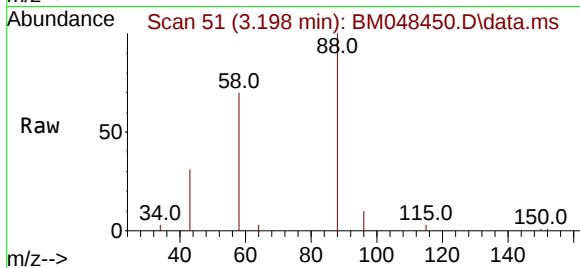




#2
1,4-Dioxane
Concen: 1.959 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

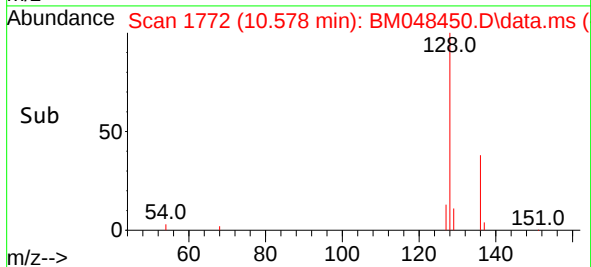
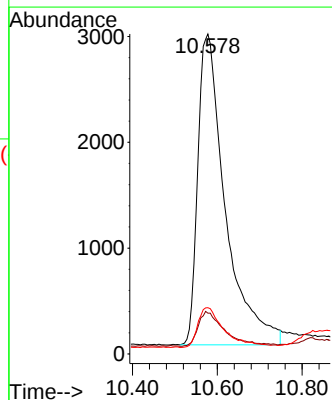
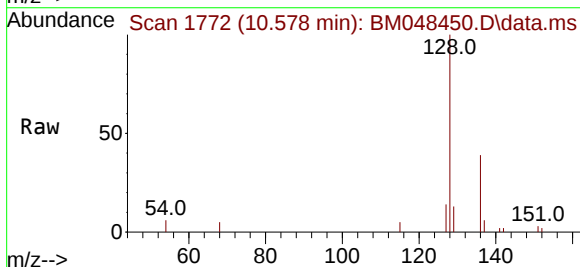
Instrument :
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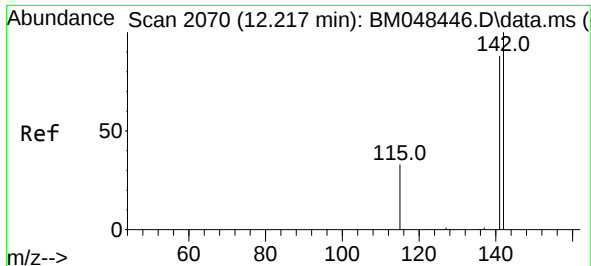
Tgt Ion: 88 Resp: 11408
Ion Ratio Lower Upper
88 100
43 31.1 36.2 54.4#
58 70.4 47.4 71.0



#5
Naphthalene
Concen: 0.335 ng/ul
RT: 10.578 min Scan# 1772
Delta R.T. -0.001 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

Tgt Ion:128 Resp: 13209
Ion Ratio Lower Upper
128 100
129 12.8 10.6 15.8
127 14.5 11.4 17.2

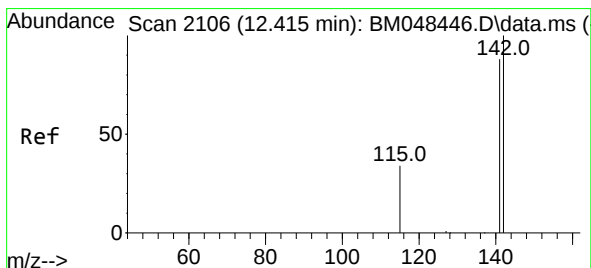
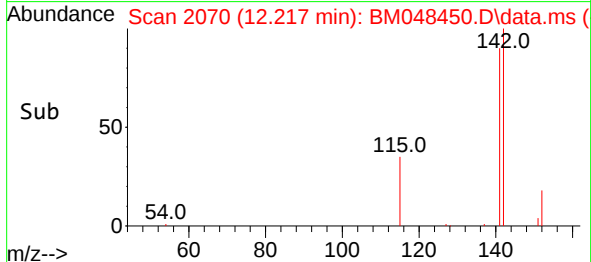
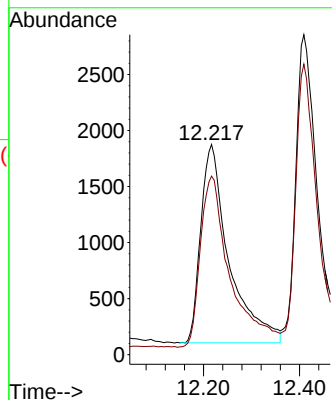
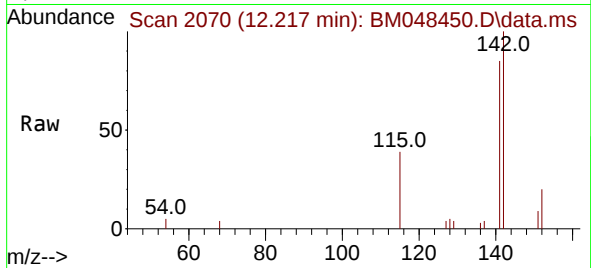




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.217 min Scan# 2070
Delta R.T. 0.004 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

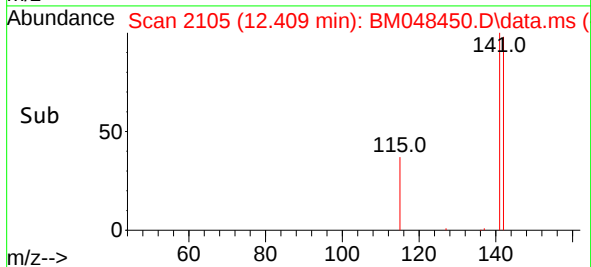
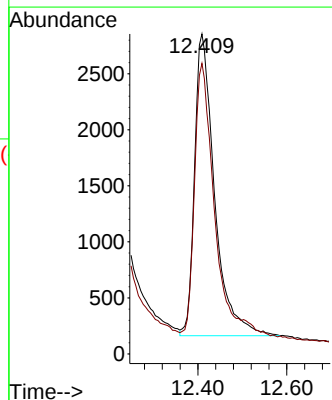
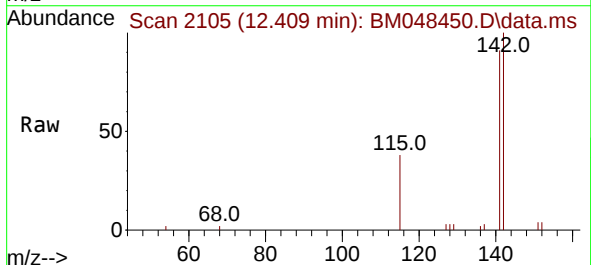
Instrument :
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ClientSampleId :
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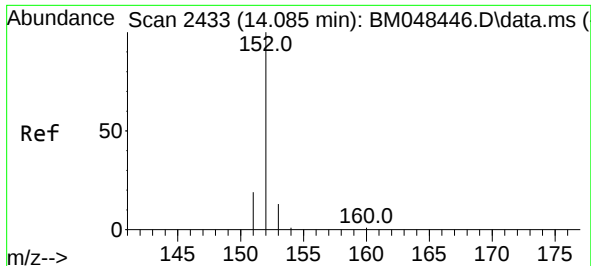
Tgt Ion:142 Resp: 7222
Ion Ratio Lower Upper
142 100
141 92.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.409 min Scan# 2105
Delta R.T. -0.007 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

Tgt Ion:142 Resp: 8409
Ion Ratio Lower Upper
142 100
141 91.1 75.5 113.3

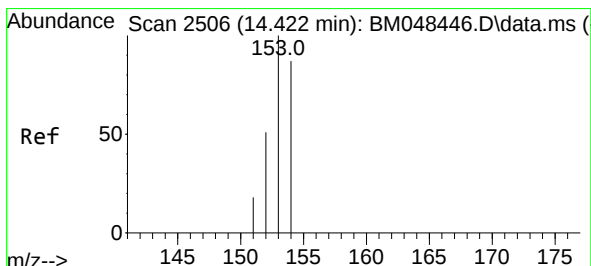
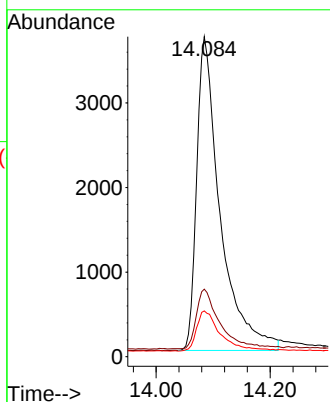
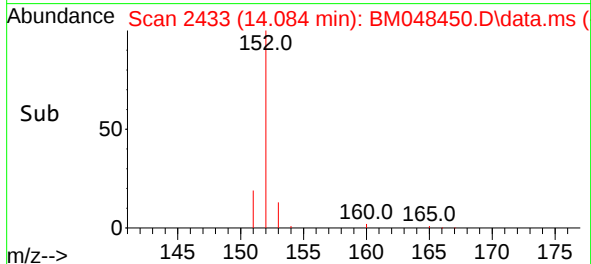
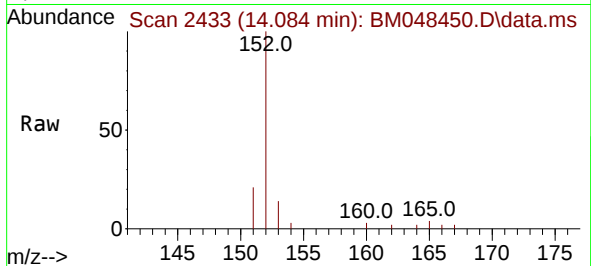




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.084 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

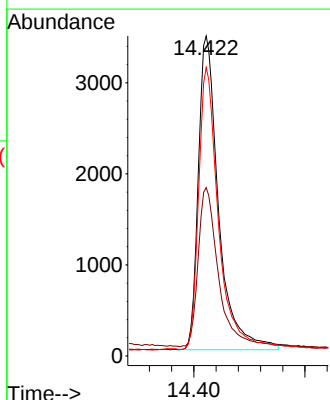
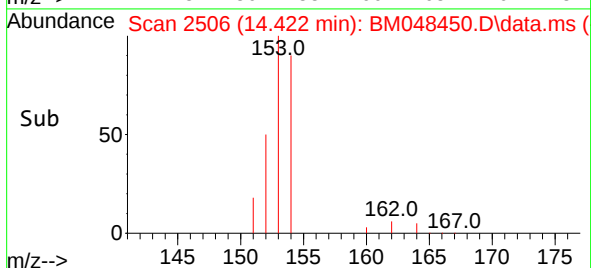
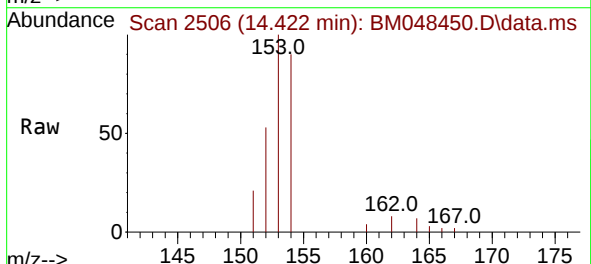
Instrument :
BNA_M
ClientSampleId :
SLCS577

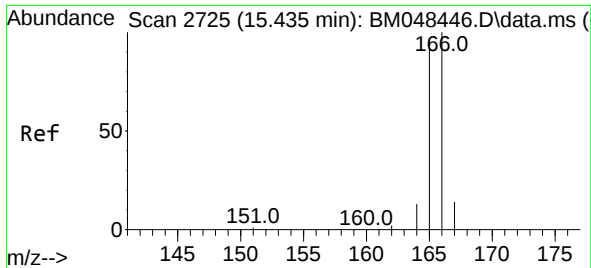
Tgt Ion:152 Resp: 10594
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8
153 14.3 11.8 17.6



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.422 min Scan# 2506
Delta R.T. -0.006 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

Tgt Ion:153 Resp: 8763
Ion Ratio Lower Upper
153 100
152 52.6 40.7 61.1
154 90.2 70.6 106.0

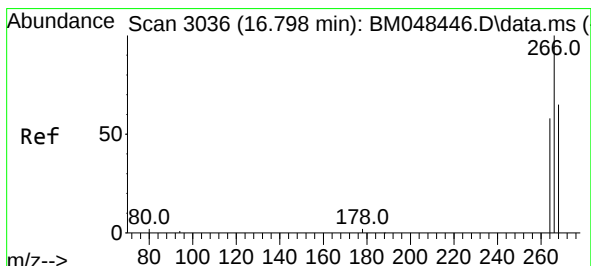
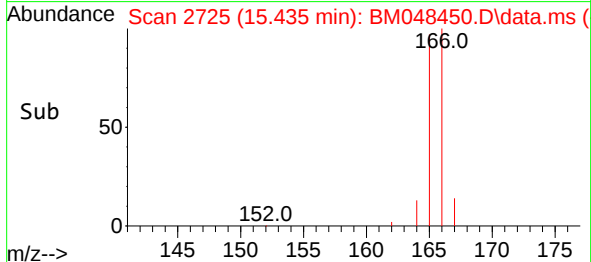
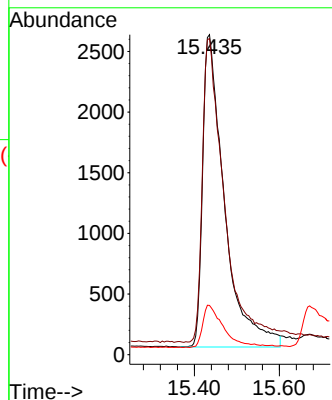
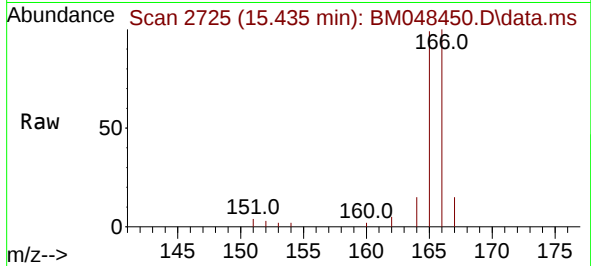




#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.435 min Scan# 21
Delta R.T. 0.003 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

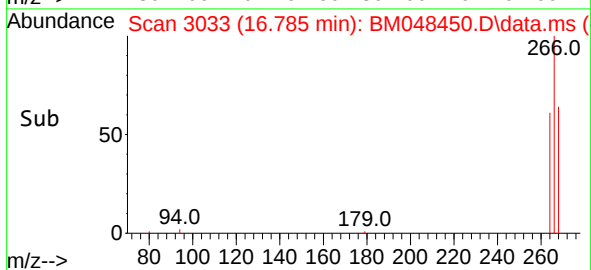
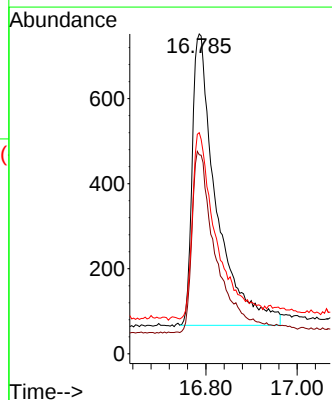
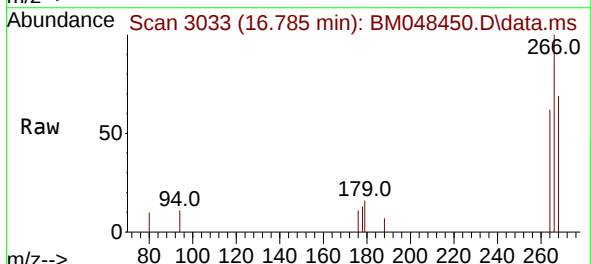
Instrument :
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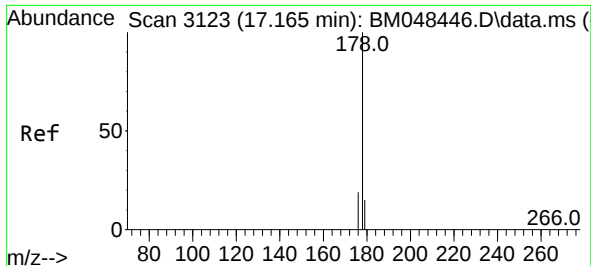
Tgt Ion:	166	Resp:	9173
Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	15.4	12.1	18.1



#14
Pentachlorophenol
Concen: 0.589 ng/ul
RT: 16.785 min Scan# 3033
Delta R.T. -0.001 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

Tgt Ion:	266	Resp:	2517
Ion	Ratio	Lower	Upper
266	100		
264	62.5	48.3	72.5
268	65.5	46.2	69.4

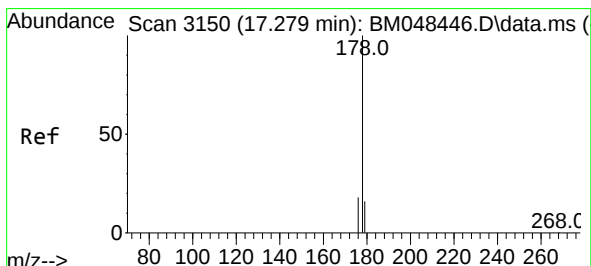
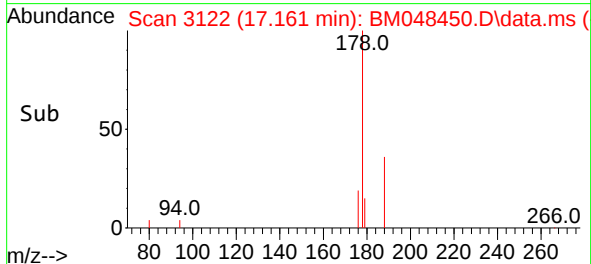
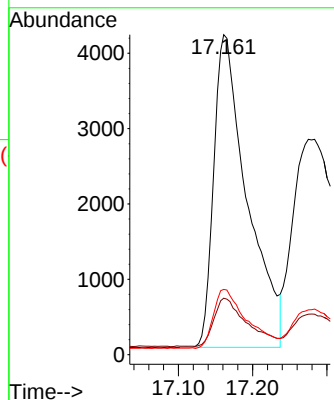
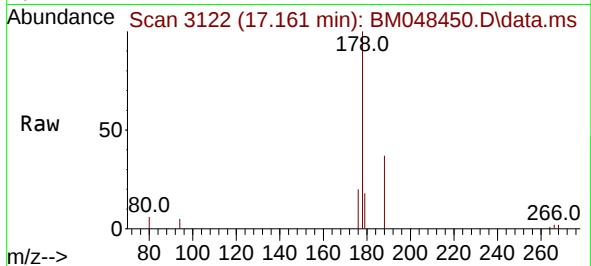




#15
Phenanthrene
Concen: 0.339 ng/ul
RT: 17.161 min Scan# 3123
Delta R.T. 0.003 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

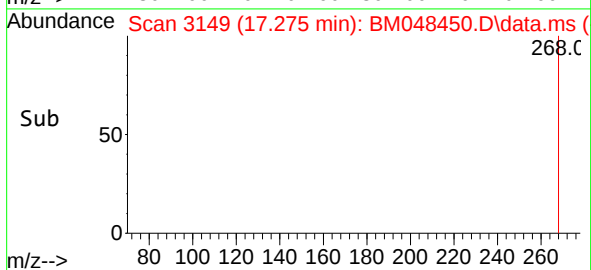
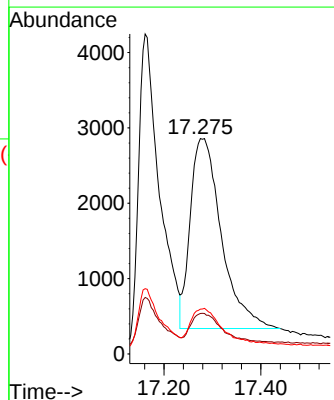
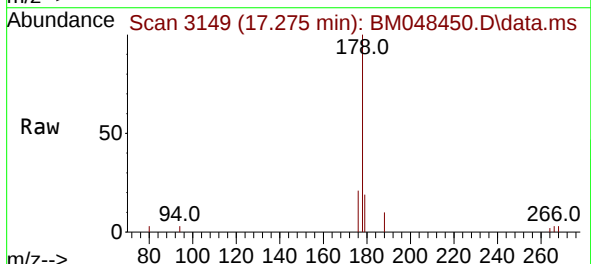
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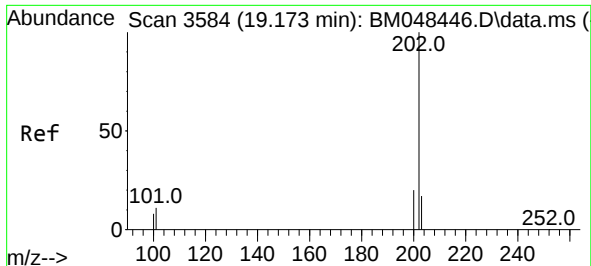
Tgt Ion:178	Resp:	12943
Ion Ratio	Lower	Upper
178	100	
179	17.6	13.9 20.9
176	20.4	16.0 24.0



#16
Anthracene
Concen: 0.315 ng/ul
RT: 17.275 min Scan# 3149
Delta R.T. 0.016 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

Tgt Ion:178	Resp:	11257
Ion Ratio	Lower	Upper
178	100	
179	18.8	14.2 21.2
176	20.8	15.8 23.6

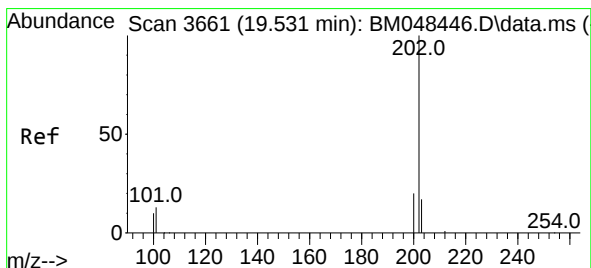
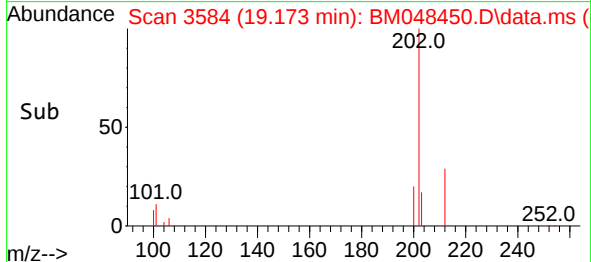
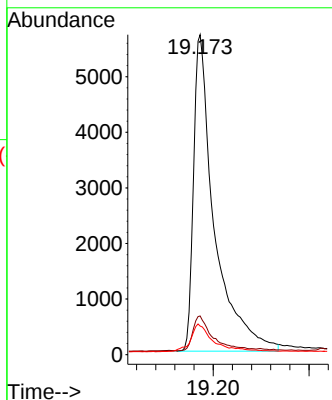
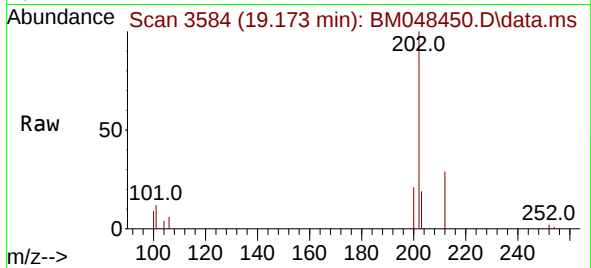




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.173 min Scan# 3584
Delta R.T. 0.003 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

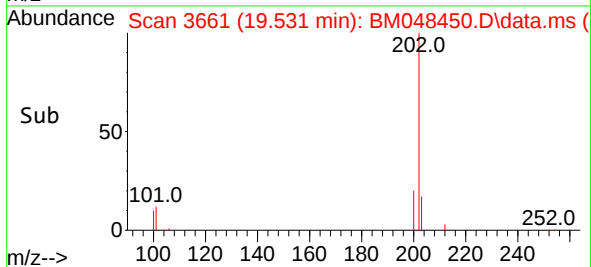
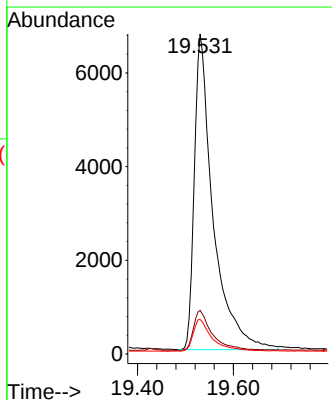
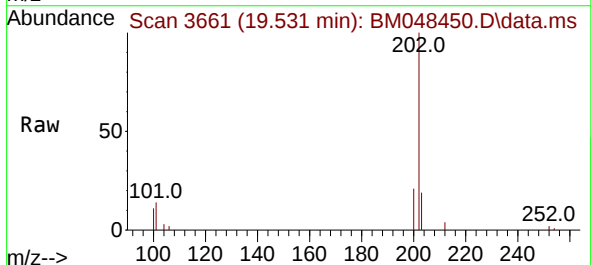
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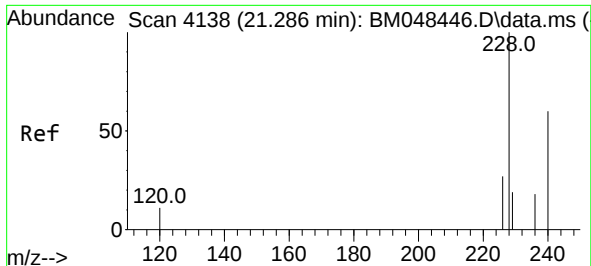
Tgt Ion:202 Resp: 17205
Ion Ratio Lower Upper
202 100
101 12.1 9.0 13.4
100 8.9 6.6 10.0



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.531 min Scan# 3661
Delta R.T. -0.001 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

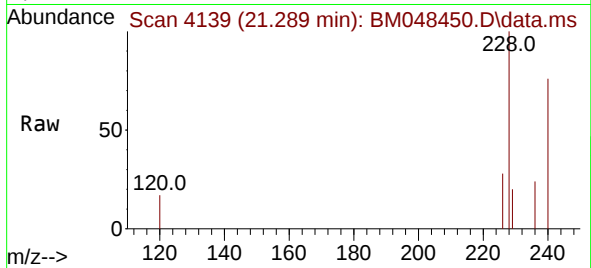
Tgt Ion:202 Resp: 18363
Ion Ratio Lower Upper
202 100
101 13.6 10.0 15.0
100 10.8 8.0 12.0



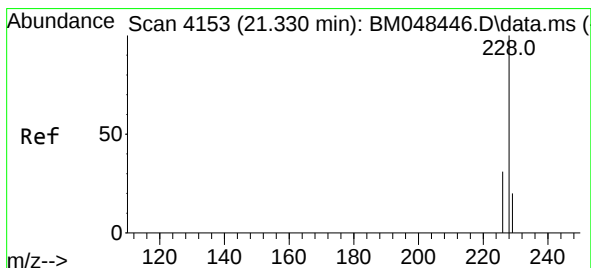
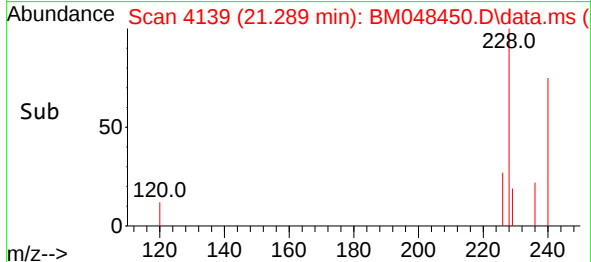
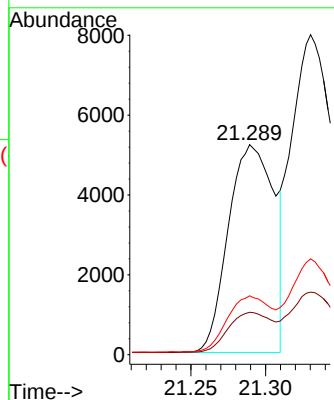


#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.289 min Scan# 4138
Delta R.T. 0.009 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

Instrument :
BNA_M
ClientSampleId :
SLCS577

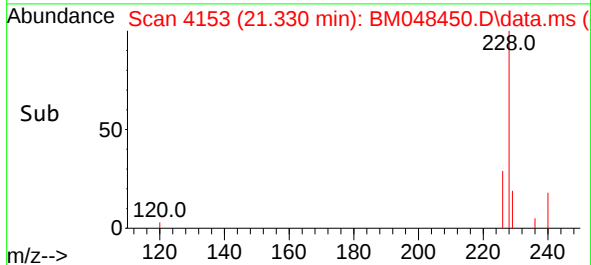
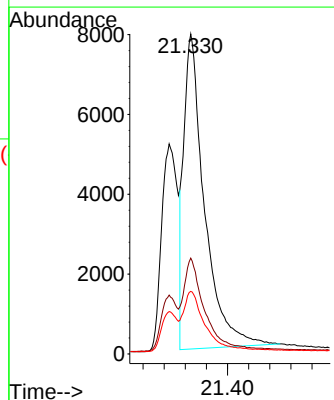
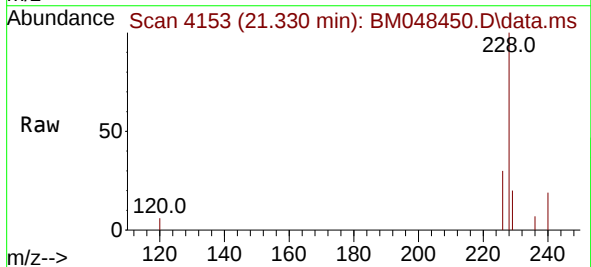


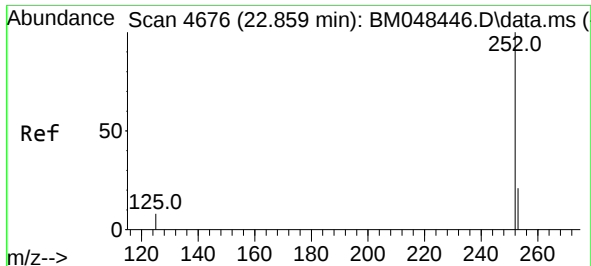
Tgt Ion:228 Resp: 11131
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.436 ng/ul
RT: 21.330 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

Tgt Ion:228 Resp: 21469
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.6 15.9 23.9

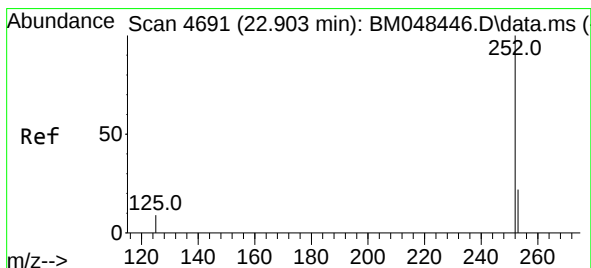
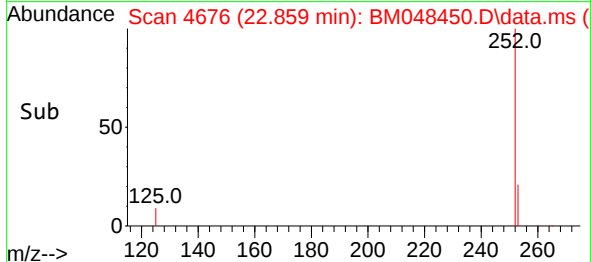
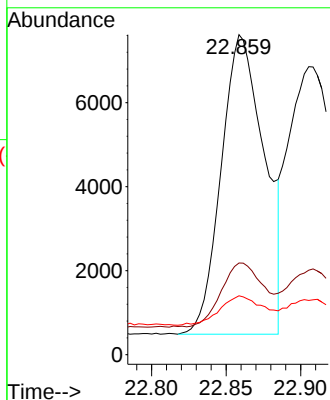
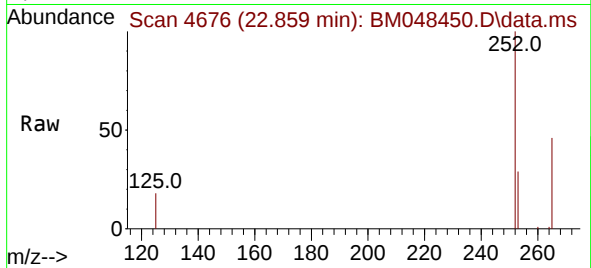




#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 22.859 min Scan# 4676
Delta R.T. -0.002 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

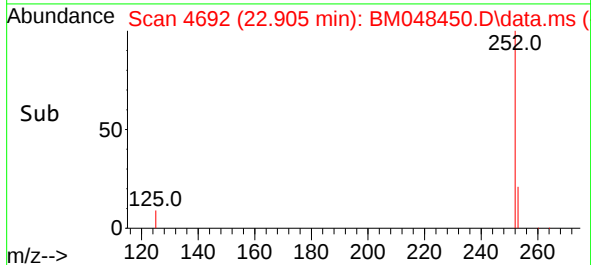
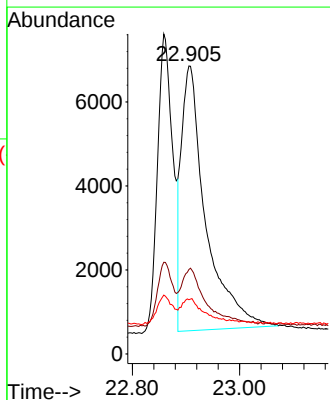
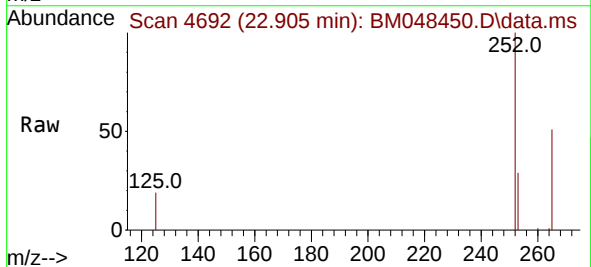
Instrument :
BNA_M
ClientSampleId :
SLCS577

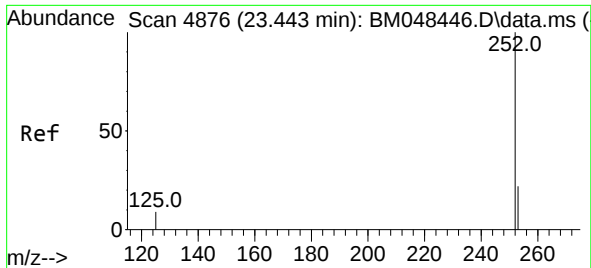
Tgt Ion:252 Resp: 14389
Ion Ratio Lower Upper
252 100
253 28.6 0.0 59.4
125 18.4 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 22.905 min Scan# 4692
Delta R.T. 0.000 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

Tgt Ion:252 Resp: 19868
Ion Ratio Lower Upper
252 100
253 29.3 23.4 35.0
125 18.8 15.3 22.9

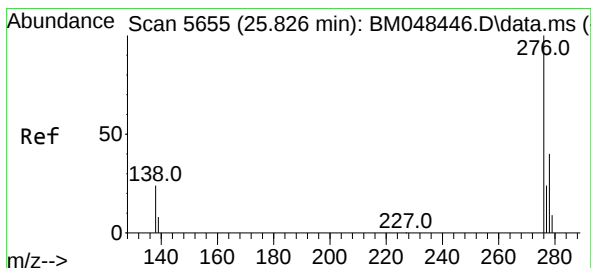
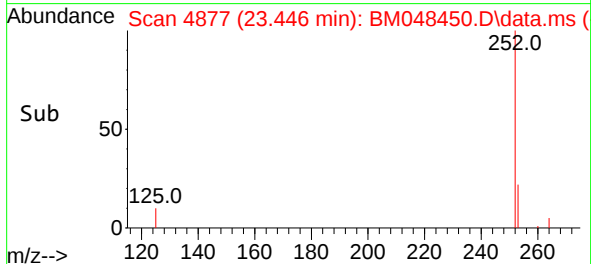
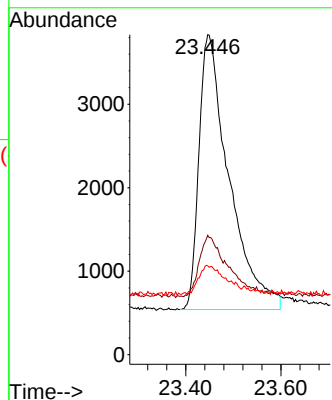
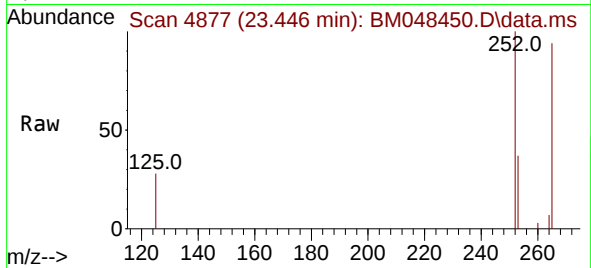




#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.446 min Scan# 4877
Delta R.T. 0.006 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

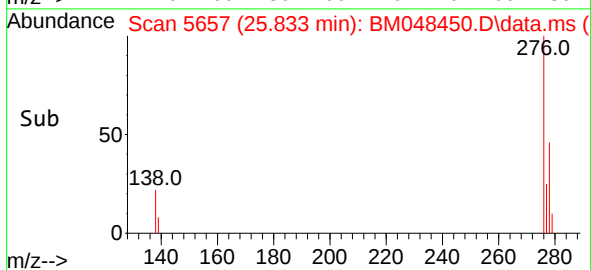
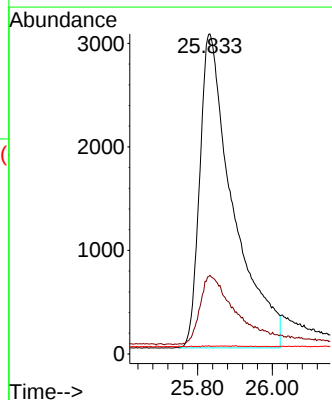
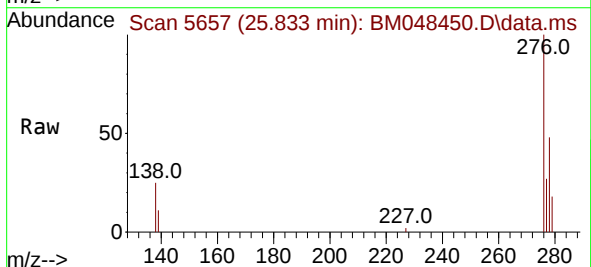
Instrument :
BNA_M
ClientSampleId :
SLCS577

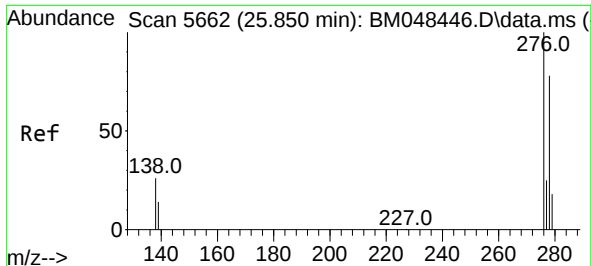
Tgt Ion:252 Resp: 14447
Ion Ratio Lower Upper
252 100
253 37.3 27.7 41.5
125 27.8 21.1 31.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 25.833 min Scan# 5657
Delta R.T. 0.021 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

Tgt Ion:276 Resp: 18709
Ion Ratio Lower Upper
276 100
138 23.5 19.6 29.4
227 0.1 0.1 0.1

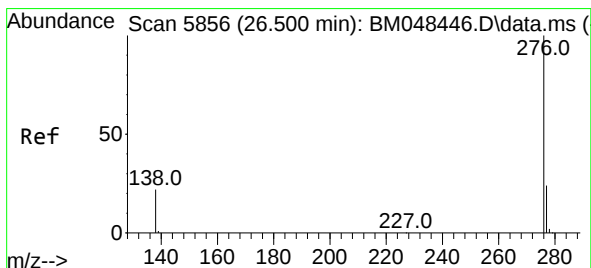
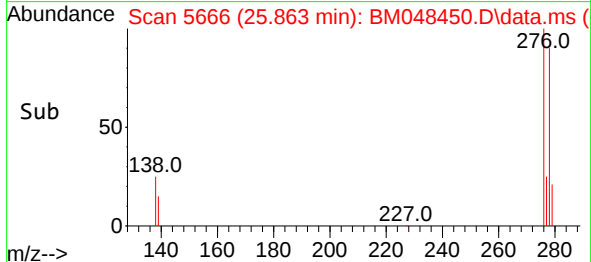
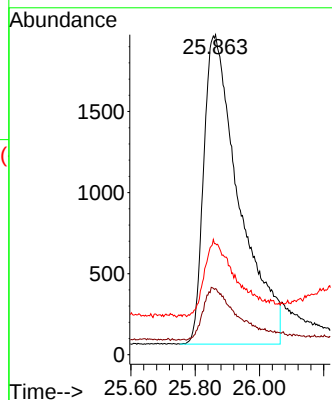
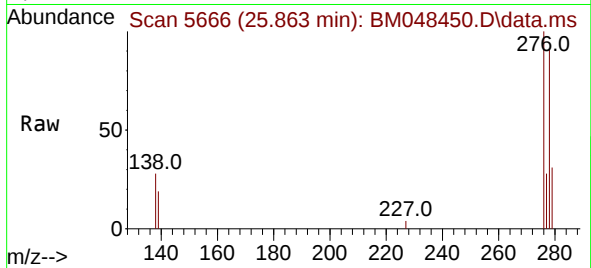




#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 25.863 min Scan# 5666
Delta R.T. 0.027 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

Instrument :
BNA_M
ClientSampleId :
SLCS577

Tgt Ion:278 Resp: 14585
Ion Ratio Lower Upper
278 100
139 20.7 15.6 23.4
279 34.7 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.507 min Scan# 5858
Delta R.T. 0.007 min
Lab File: BM048450.D
Acq: 05 Nov 2024 05:54

Tgt Ion:276 Resp: 16754
Ion Ratio Lower Upper
276 100
138 22.8 19.0 28.6
277 25.9 20.6 31.0

