

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048365.D
 Acq On : 31 Oct 2024 19:37
 Operator : RC/JU
 Sample : PB164434BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS434

Quant Time: Nov 03 07:03:42 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 : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

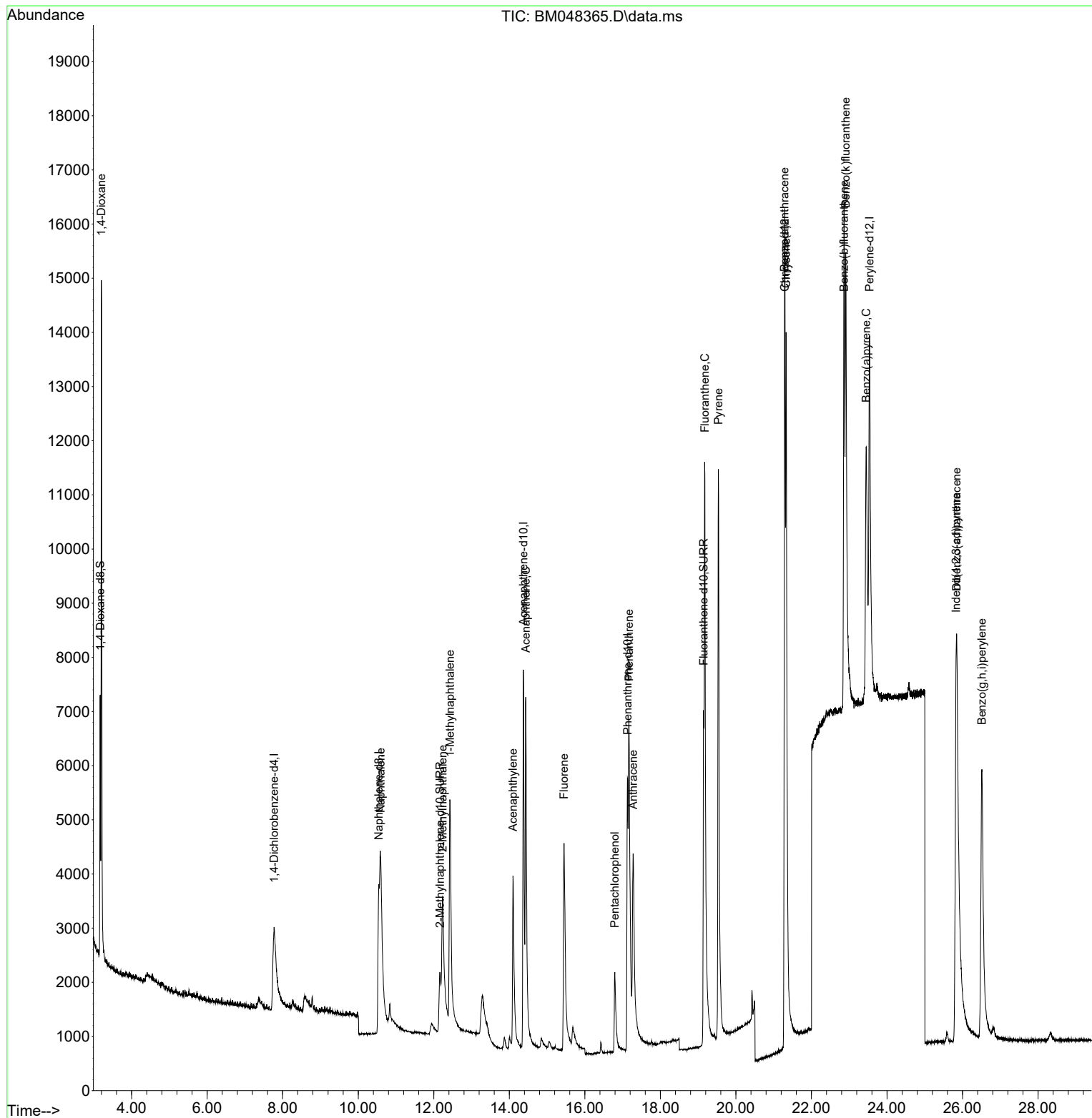
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	3125	0.400	ng/ul	0.02
4) Naphthalene-d8	10.545	136	11062	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.371	164	6627	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.132	188	13935	0.400	ng/ul	0.01
17) Chrysene-d12	21.295	240	13180	0.400	ng/ul	0.00
23) Perylene-d12	23.537	264	13622	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	2816	0.734	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	4473	0.318	ng/ul	0.02
18) Fluoranthene-d10	19.145	212	12055	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	8173	1.963	ng/ul#	84
5) Naphthalene	10.594	128	8490	0.294	ng/ul	97
7) 2-Methylnaphthalene	12.233	142	4603	0.268	ng/ul	99
8) 1-Methylnaphthalene	12.431	142	6453	0.352	ng/ul	96
10) Acenaphthylene	14.098	152	7224	0.282	ng/ul	98
11) Acenaphthene	14.436	153	6033	0.294	ng/ul	99
12) Fluorene	15.449	166	6275	0.275	ng/ul	97
14) Pentachlorophenol	16.794	266	2184	0.563	ng/ul	95
15) Phenanthrene	17.169	178	9518	0.275	ng/ul	98
16) Anthracene	17.279	178	8833	0.272	ng/ul	97
19) Fluoranthene	19.177	202	14331	0.315	ng/ul	99
20) Pyrene	19.535	202	15525	0.318	ng/ul	99
21) Benzo(a)anthracene	21.286	228	11807	0.299	ng/ul	100
22) Chrysene	21.330	228	18061	0.332	ng/ul	99
24) Benzo(b)fluoranthene	22.861	252	14187	0.305	ng/ul	97
25) Benzo(k)fluoranthene	22.908	252	18473	0.335	ng/ul	95
26) Benzo(a)pyrene	23.449	252	13660	0.312	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.830	276	18900	0.309	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.846	278	14408	0.302	ng/ul	95
29) Benzo(g,h,i)perylene	26.514	276	16266	0.316	ng/ul	100

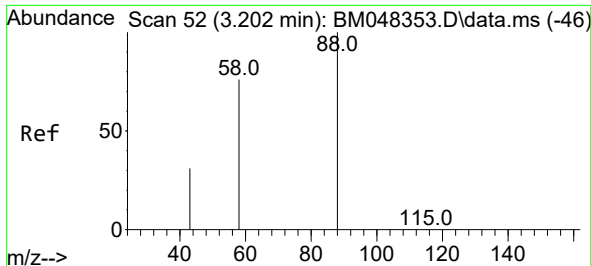
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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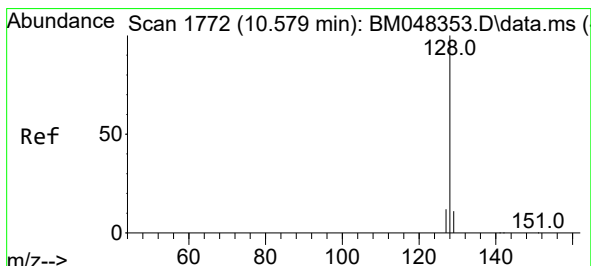
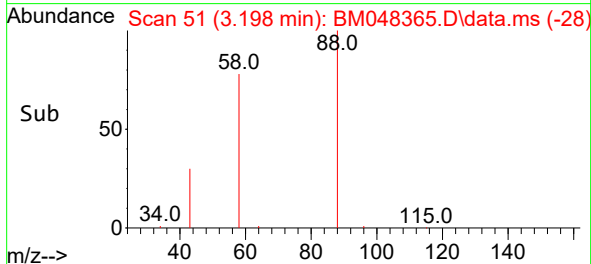
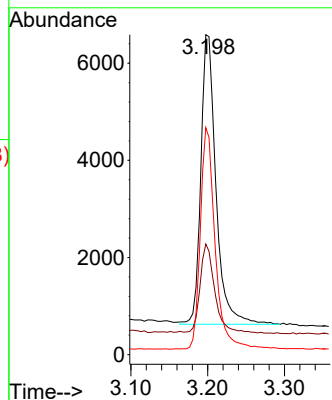
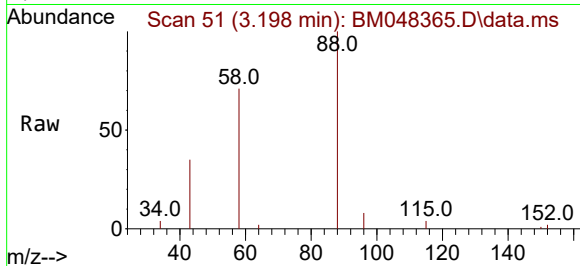




#2
1,4-Dioxane
Concen: 1.963 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

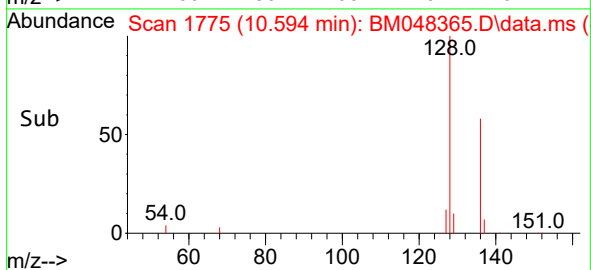
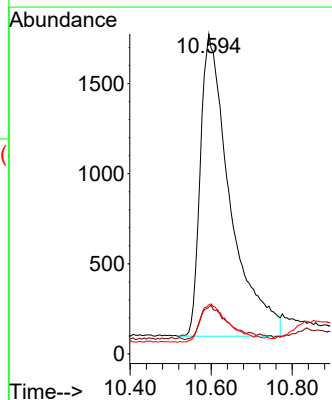
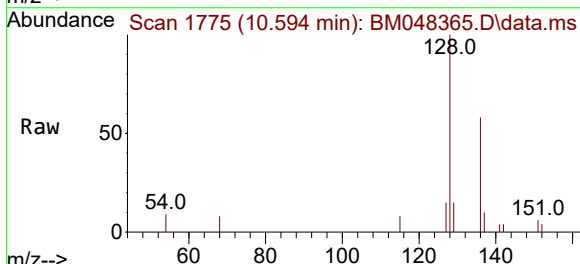
Instrument :
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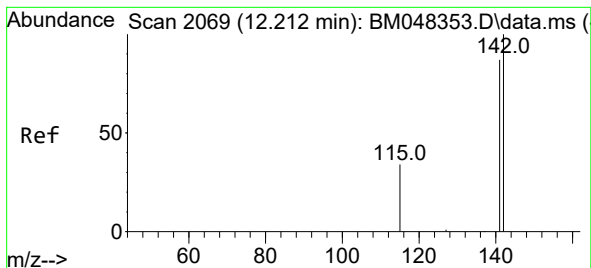
Tgt Ion: 88 Resp: 8173
Ion Ratio Lower Upper
88 100
43 34.6 36.2 54.4#
58 71.0 47.4 71.0



#5
Naphthalene
Concen: 0.294 ng/ul
RT: 10.594 min Scan# 1775
Delta R.T. 0.015 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:128 Resp: 8490
Ion Ratio Lower Upper
128 100
129 14.6 10.6 15.8
127 15.4 11.4 17.2

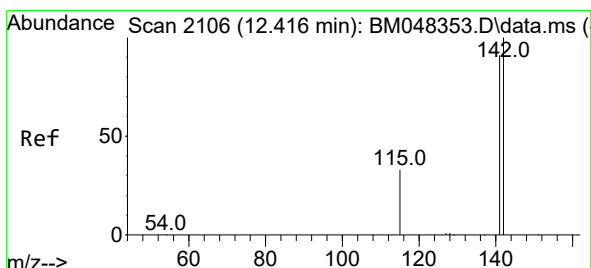
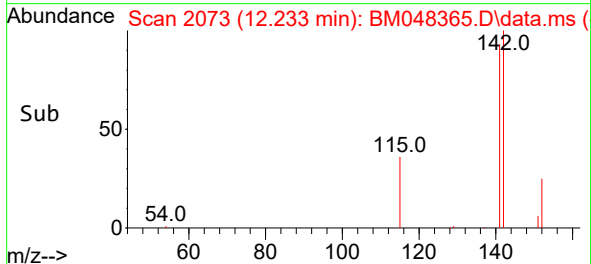
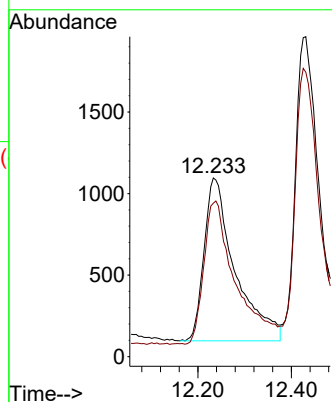
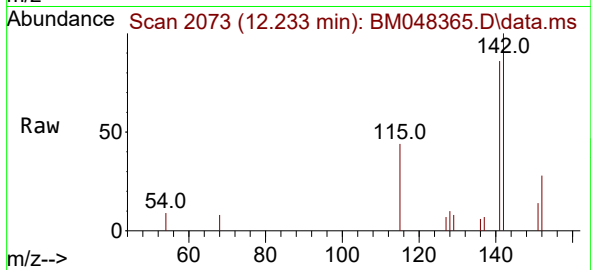




#7
2-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.233 min Scan# 2069
Delta R.T. 0.021 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

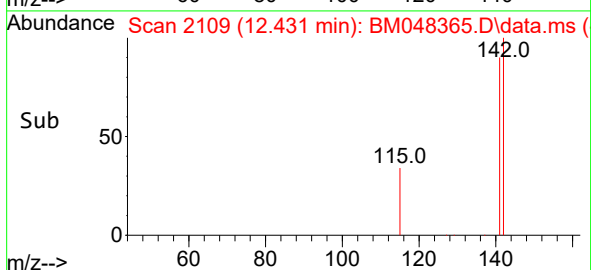
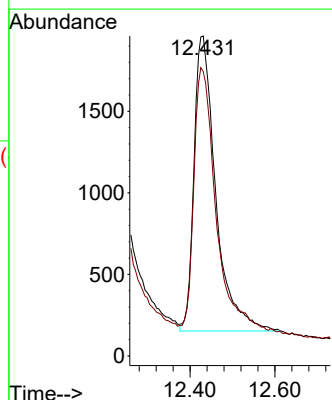
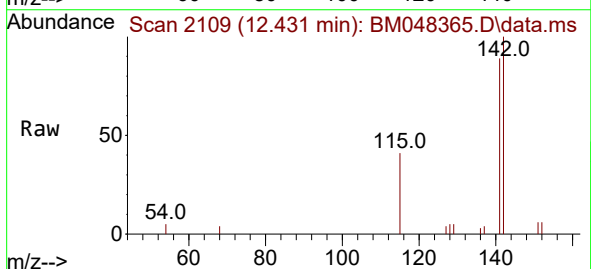
Instrument :
BNA_M
ClientSampleId :
SLCS434

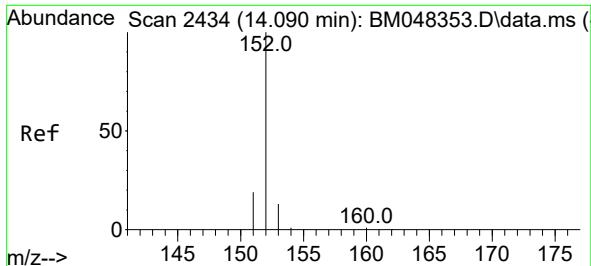
Tgt Ion:142 Resp: 4603
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.431 min Scan# 2109
Delta R.T. 0.015 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:142 Resp: 6453
Ion Ratio Lower Upper
142 100
141 90.9 75.5 113.3

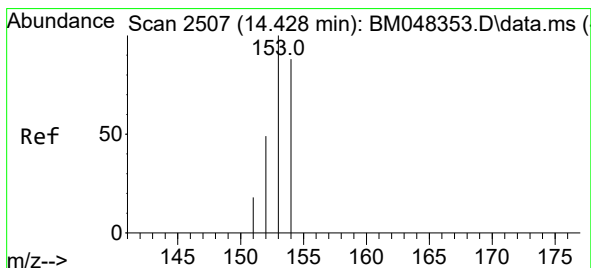
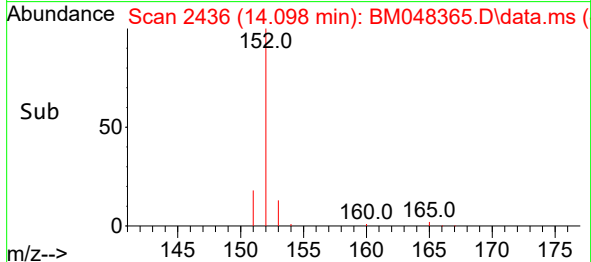
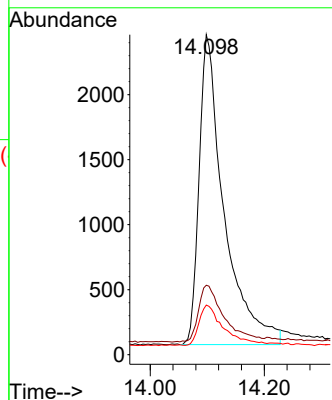
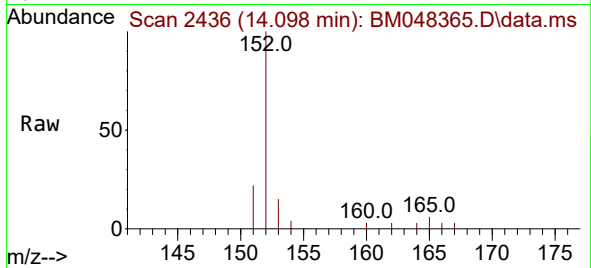




#10
Acenaphthylene
Concen: 0.282 ng/ul
RT: 14.098 min Scan# 2436
Delta R.T. 0.008 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

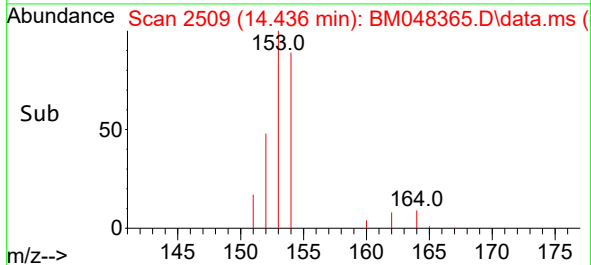
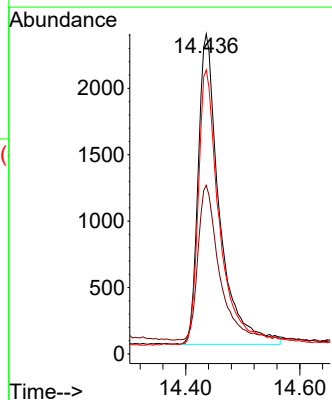
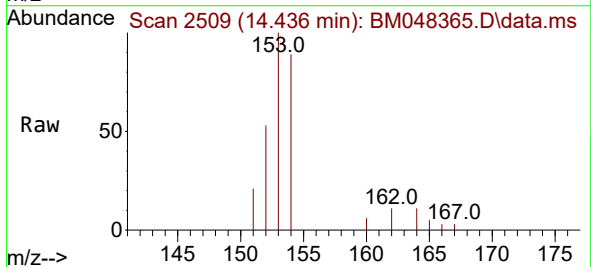
Instrument :
BNA_M
ClientSampleId :
SLCS434

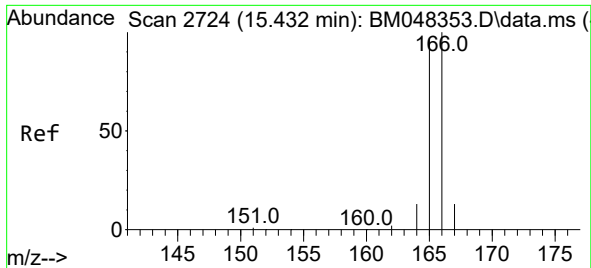
Tgt Ion:152 Resp: 7224
Ion Ratio Lower Upper
152 100
151 21.7 16.6 24.8
153 15.5 11.8 17.6



#11
Acenaphthene
Concen: 0.294 ng/ul
RT: 14.436 min Scan# 2509
Delta R.T. 0.008 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:153 Resp: 6033
Ion Ratio Lower Upper
153 100
152 52.7 40.7 61.1
154 88.8 70.6 106.0

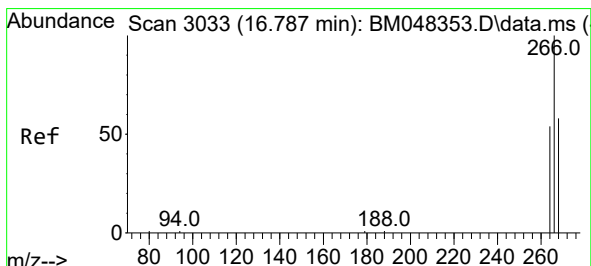
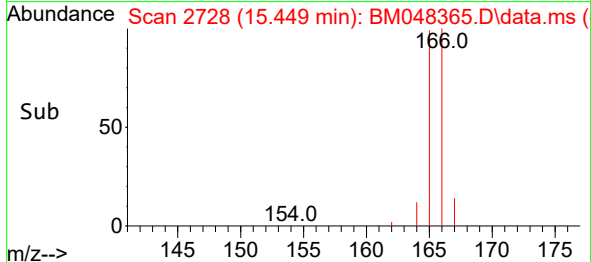
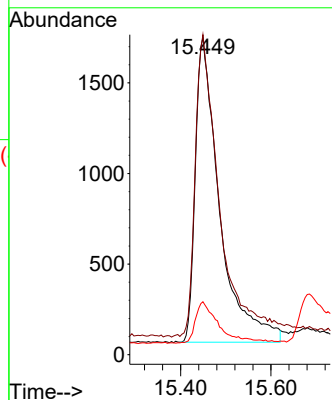
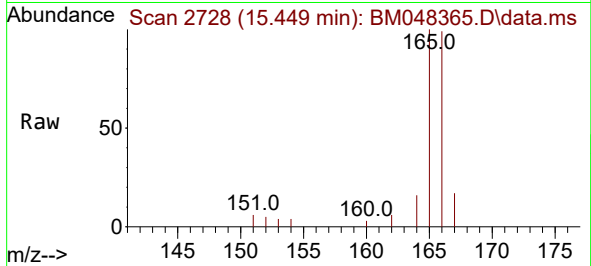




#12
Fluorene
Concen: 0.275 ng/ul
RT: 15.449 min Scan# 21
Delta R.T. 0.017 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

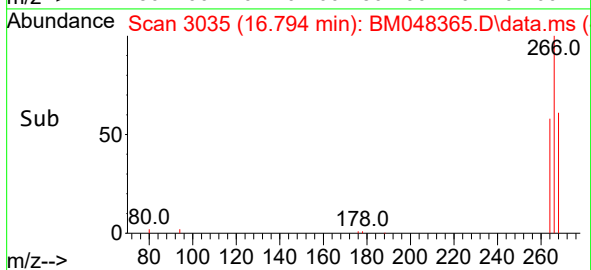
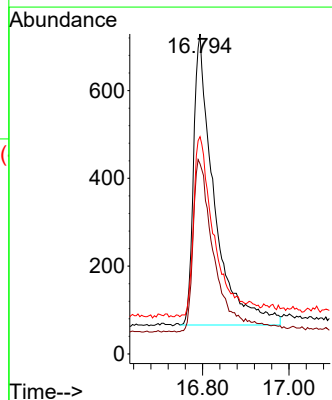
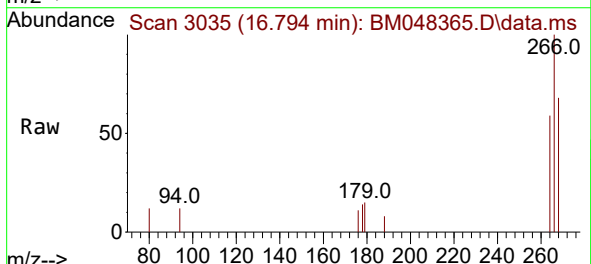
Instrument :
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ClientSampleId :
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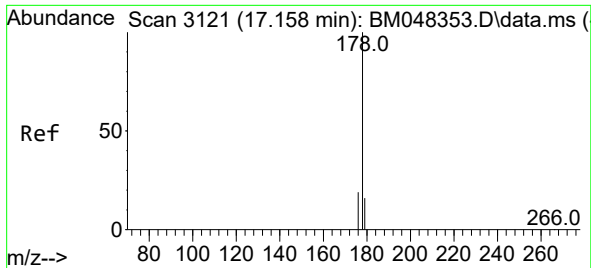
Tgt Ion:166 Resp: 6275
Ion Ratio Lower Upper
166 100
165 100.9 78.6 118.0
167 16.7 12.1 18.1



#14
Pentachlorophenol
Concen: 0.563 ng/ul
RT: 16.794 min Scan# 3035
Delta R.T. 0.007 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:266 Resp: 2184
Ion Ratio Lower Upper
266 100
264 62.0 48.3 72.5
268 63.0 46.2 69.4

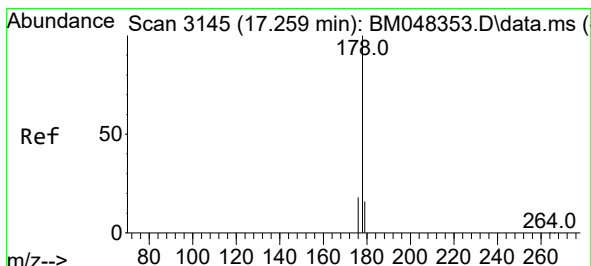
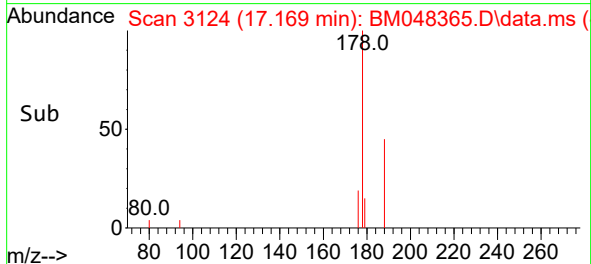
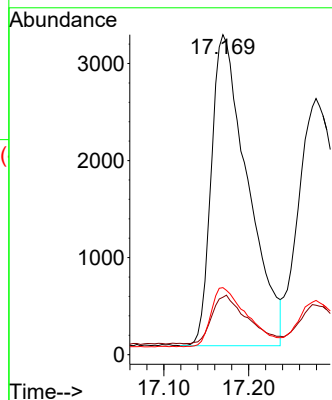
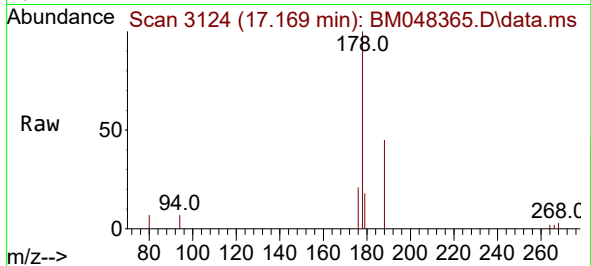




#15
Phenanthrene
Concen: 0.275 ng/ul
RT: 17.169 min Scan# 3121
Delta R.T. 0.011 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

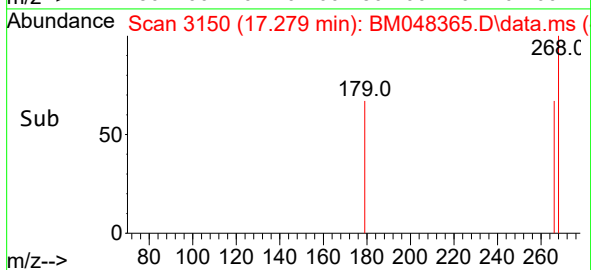
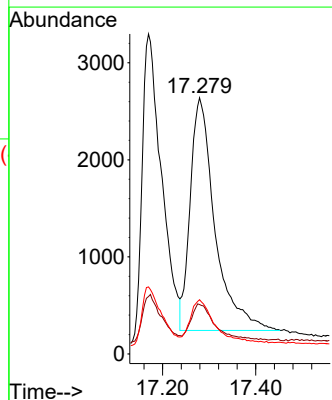
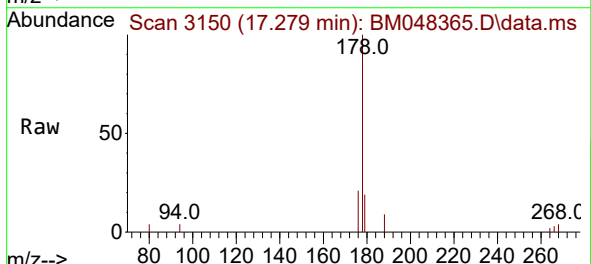
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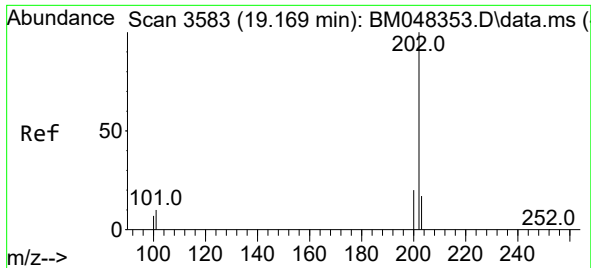
Tgt Ion:178 Resp: 9518
Ion Ratio Lower Upper
178 100
179 17.9 13.9 20.9
176 20.9 16.0 24.0



#16
Anthracene
Concen: 0.272 ng/ul
RT: 17.279 min Scan# 3150
Delta R.T. 0.020 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:178 Resp: 8833
Ion Ratio Lower Upper
178 100
179 19.3 14.2 21.2
176 21.1 15.8 23.6

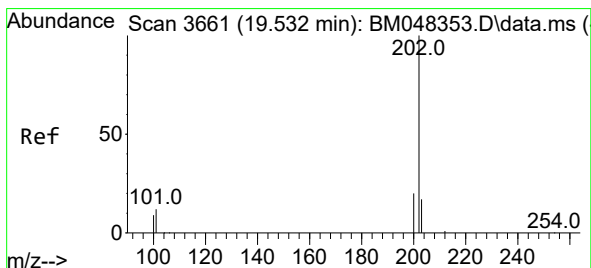
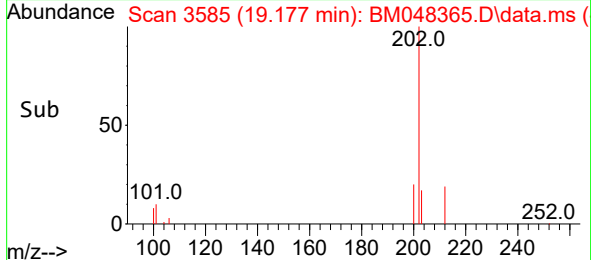
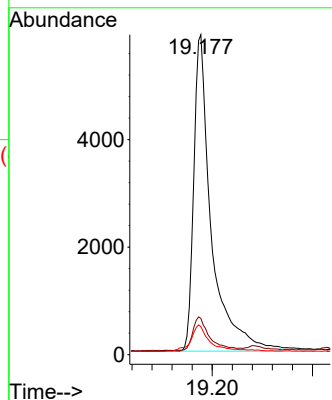
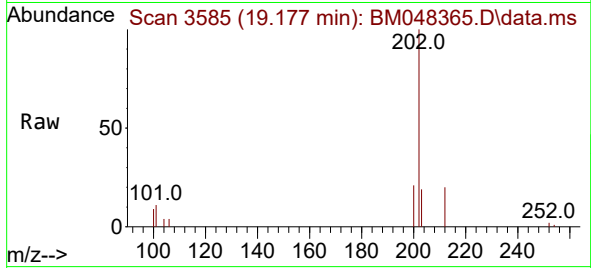




#19
Fluoranthene
Concen: 0.315 ng/ul
RT: 19.177 min Scan# 3585
Delta R.T. 0.008 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

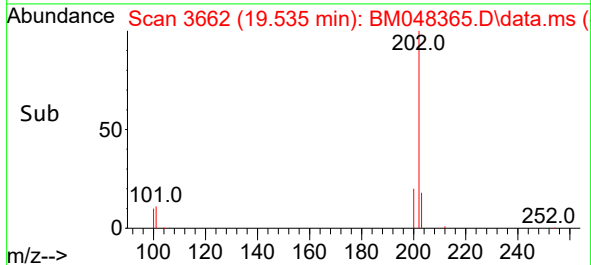
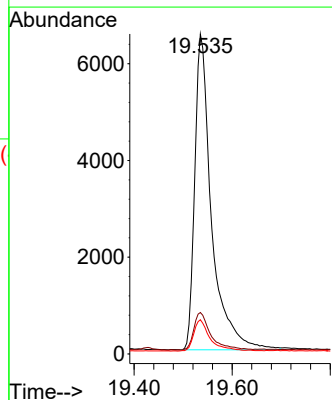
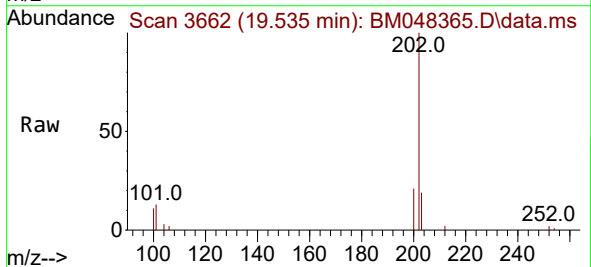
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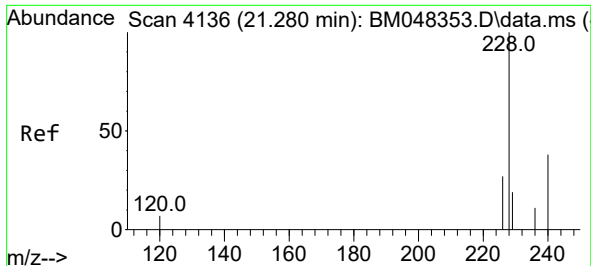
Tgt Ion:	202	Resp:	14331
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.0	13.4
100	8.8	6.6	10.0



#20
Pyrene
Concen: 0.318 ng/ul
RT: 19.535 min Scan# 3662
Delta R.T. 0.003 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:	202	Resp:	15525
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.0	15.0
100	10.7	8.0	12.0

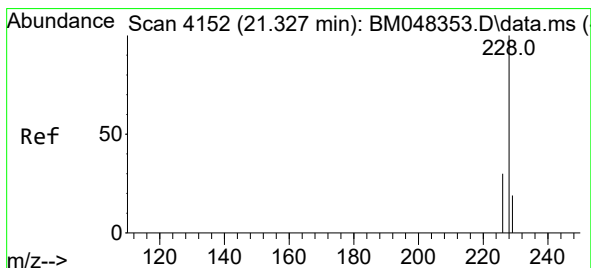
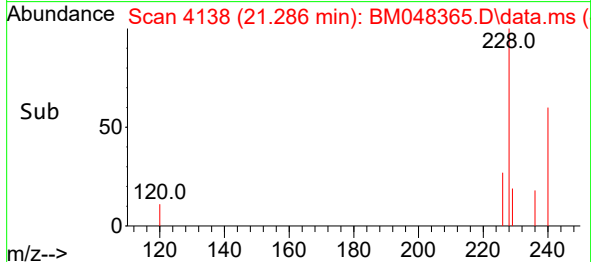
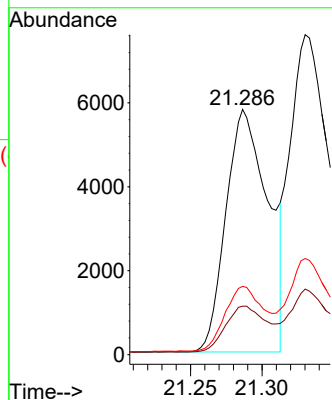
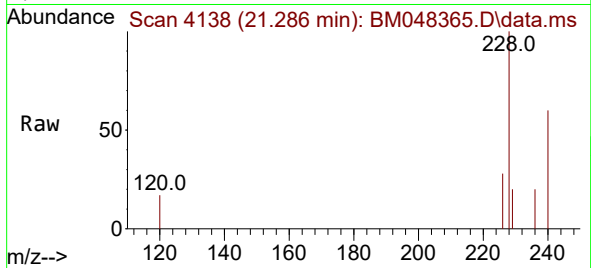




#21
Benzo(a)anthracene
Concen: 0.299 ng/ul
RT: 21.286 min Scan# 4138
Delta R.T. 0.006 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

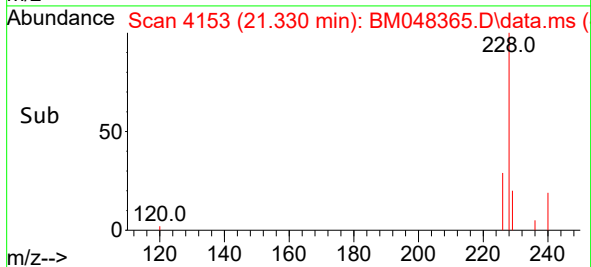
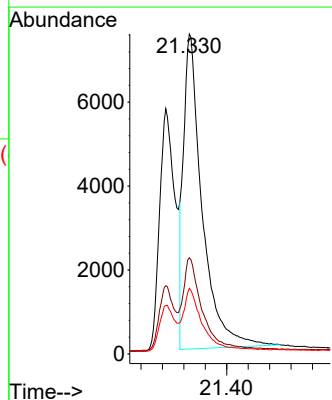
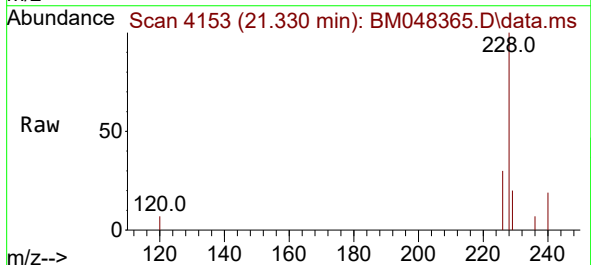
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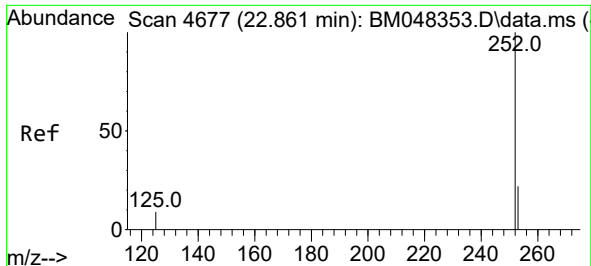
Tgt Ion:228 Resp: 11807
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.330 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:228 Resp: 18061
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 20.5 15.9 23.9

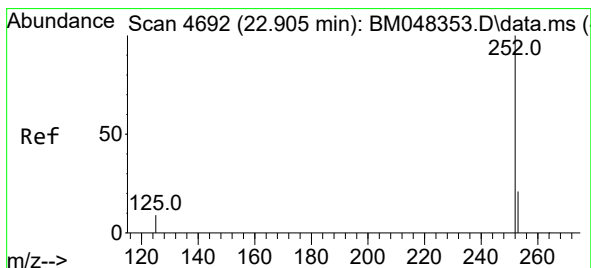
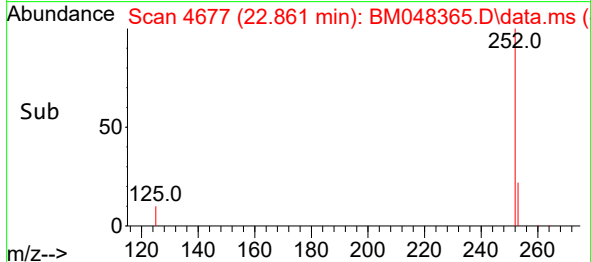
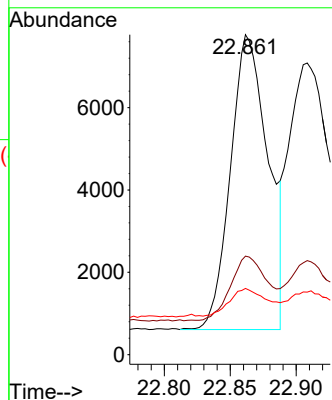
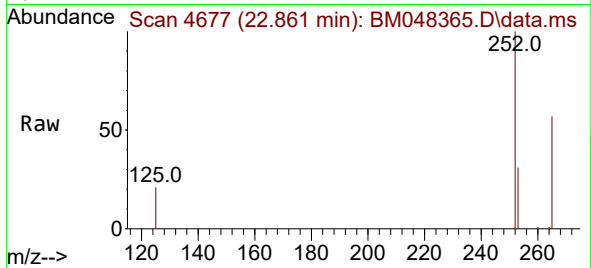




#24
Benzo(b)fluoranthene
Concen: 0.305 ng/ul
RT: 22.861 min Scan# 4677
Delta R.T. 0.000 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

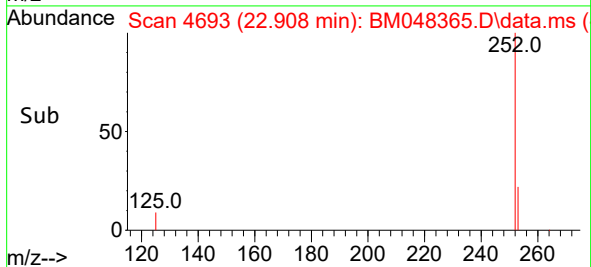
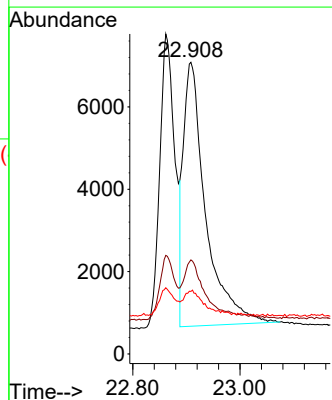
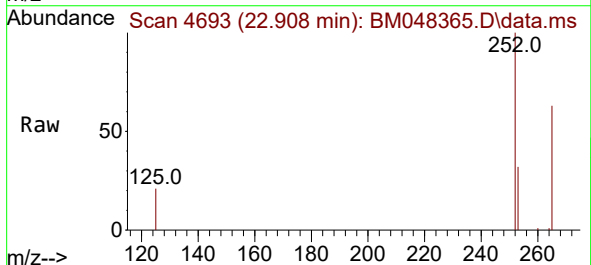
Instrument :
BNA_M
ClientSampleId :
SLCS434

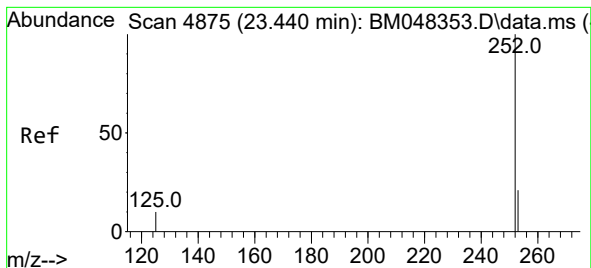
Tgt Ion:252 Resp: 14187
Ion Ratio Lower Upper
252 100
253 30.8 0.0 59.4
125 20.7 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 22.908 min Scan# 4693
Delta R.T. 0.003 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:252 Resp: 18473
Ion Ratio Lower Upper
252 100
253 32.2 23.4 35.0
125 21.4 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.312 ng/ul

RT: 23.449 min Scan# 4878

Delta R.T. 0.009 min

Lab File: BM048365.D

Acq: 31 Oct 2024 19:37

Instrument :

BNA_M

ClientSampleId :

SLCS434

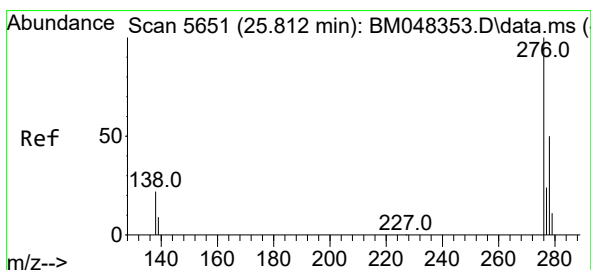
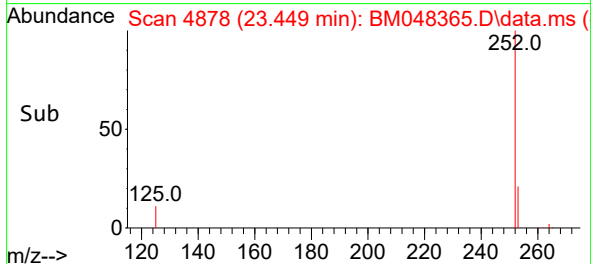
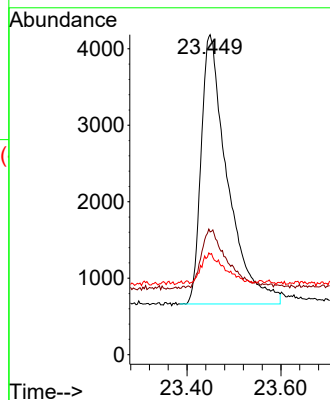
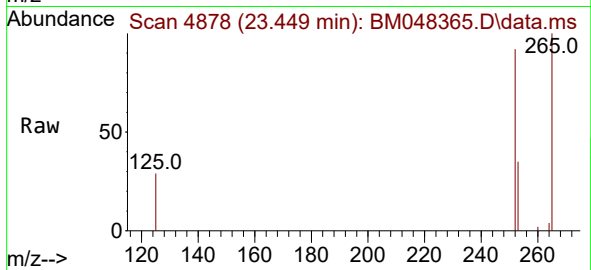
Tgt Ion:252 Resp: 13660

Ion Ratio Lower Upper

252 100

253 38.4 27.7 41.5

125 31.4 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.309 ng/ul

RT: 25.830 min Scan# 5656

Delta R.T. 0.017 min

Lab File: BM048365.D

Acq: 31 Oct 2024 19:37

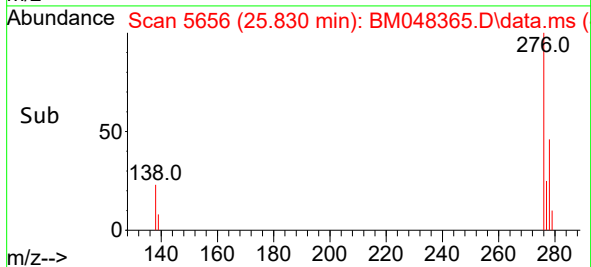
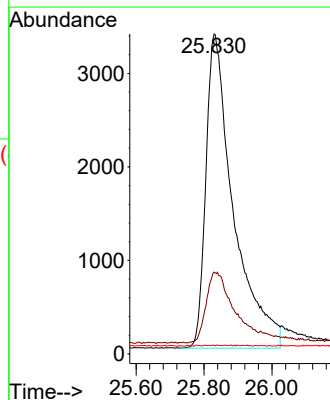
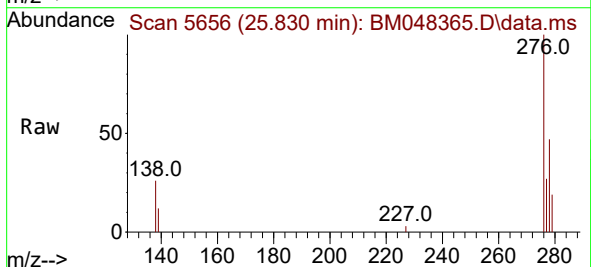
Tgt Ion:276 Resp: 18900

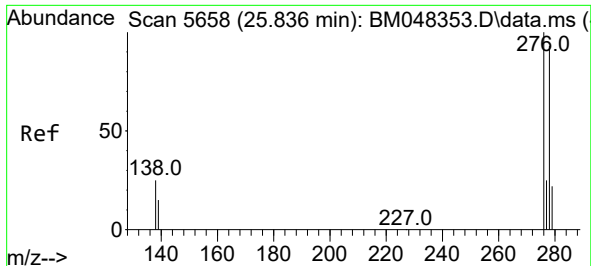
Ion Ratio Lower Upper

276 100

138 24.1 19.6 29.4

227 0.0 0.1 0.1#

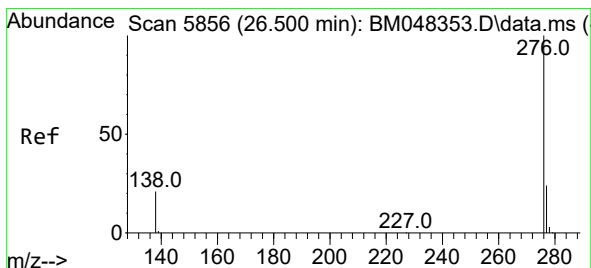
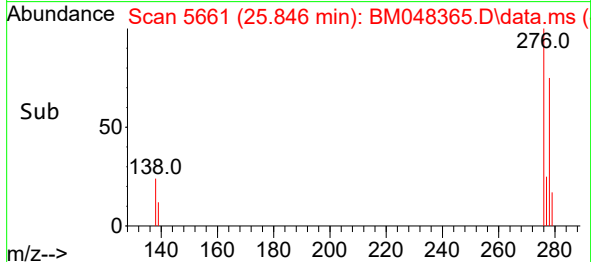
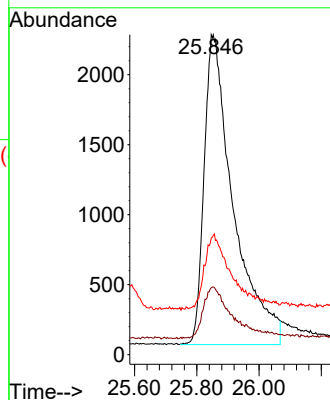
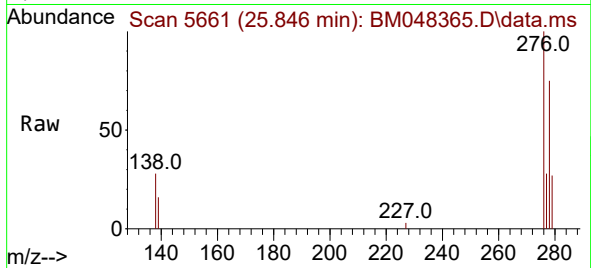




#28
Dibenzo(a,h)anthracene
Concen: 0.302 ng/ul
RT: 25.846 min Scan# 5661
Delta R.T. 0.011 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Instrument :
BNA_M
ClientSampleId :
SLCS434

Tgt Ion:278 Resp: 14408
Ion Ratio Lower Upper
278 100
139 20.9 15.6 23.4
279 36.4 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 26.514 min Scan# 5860
Delta R.T. 0.014 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:276 Resp: 16266
Ion Ratio Lower Upper
276 100
138 23.5 19.0 28.6
277 25.7 20.6 31.0

