

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
 Data File : BM048467.D
 Acq On : 05 Nov 2024 20:43
 Operator : RC/JU
 Sample : PB164673BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS673

Quant Time: Nov 05 21:39:18 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

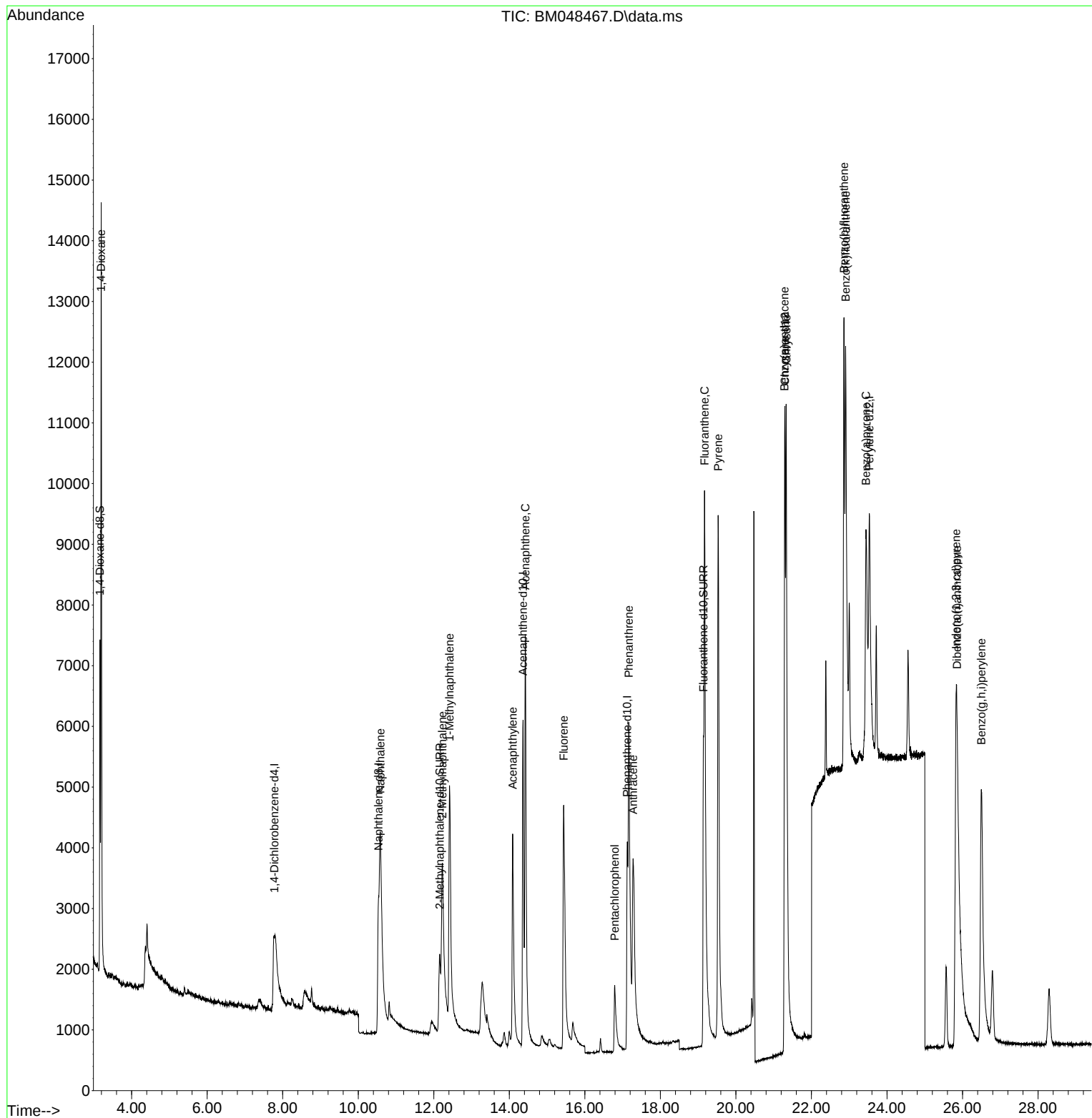
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.779	152	2479	0.400	ng/ul	0.03
4) Naphthalene-d8	10.539	136	9307	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.362	164	5219	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.123	188	10055	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	8062	0.400	ng/ul	# 0.00
23) Perylene-d12	23.534	264	8302	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3396	1.115	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.156	152	5056	0.427	ng/ul	0.02
18) Fluoranthene-d10	19.140	212	11087	0.542	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	8378	2.536	ng/ul#	84
5) Naphthalene	10.589	128	9454	0.389	ng/ul	97
7) 2-Methylnaphthalene	12.227	142	5207	0.360	ng/ul	100
8) 1-Methylnaphthalene	12.414	142	6106	0.396	ng/ul	97
10) Acenaphthylene	14.089	152	7918	0.392	ng/ul	98
11) Acenaphthene	14.422	153	6646	0.411	ng/ul	99
12) Fluorene	15.440	166	6961	0.387	ng/ul	99
14) Pentachlorophenol	16.789	266	1928	0.689	ng/ul	97
15) Phenanthrene	17.165	178	9867	0.395	ng/ul	99
16) Anthracene	17.279	178	8521	0.364	ng/ul	97
19) Fluoranthene	19.173	202	13520	0.486	ng/ul	97
20) Pyrene	19.531	202	14494	0.486	ng/ul	95
21) Benzo(a)anthracene	21.289	228	8893	0.368	ng/ul	99
22) Chrysene	21.333	228	17149	0.516	ng/ul	99
24) Benzo(b)fluoranthene	22.861	252	11876	0.419	ng/ul	97
25) Benzo(k)fluoranthene	22.905	252	16257	0.484	ng/ul	96
26) Benzo(a)pyrene	23.443	252	12167	0.457	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.829	276	16639	0.447	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.853	278	12949	0.446	ng/ul	94
29) Benzo(g,h,i)perylene	26.497	276	14829	0.472	ng/ul	98

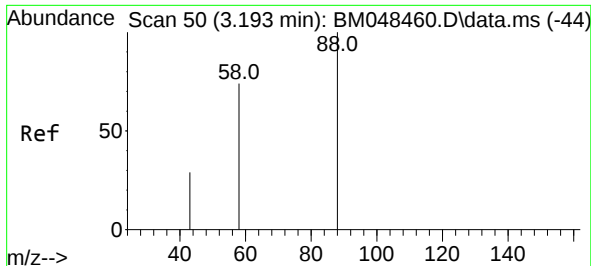
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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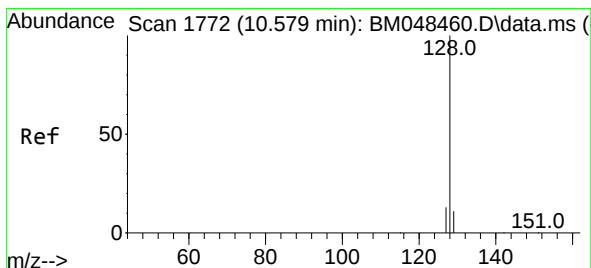
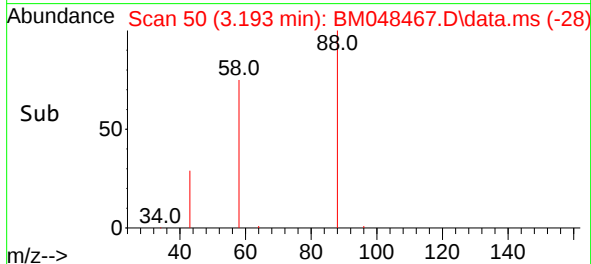
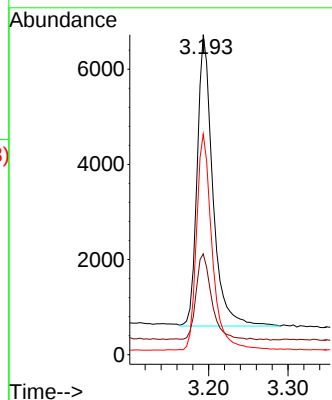
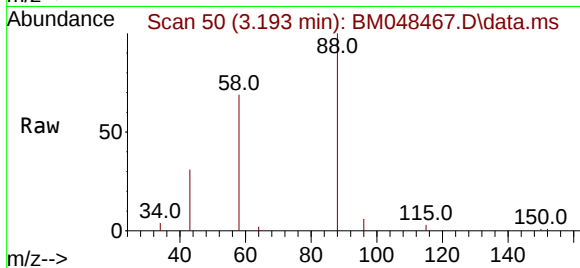




#2
1,4-Dioxane
Concen: 2.536 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.008 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

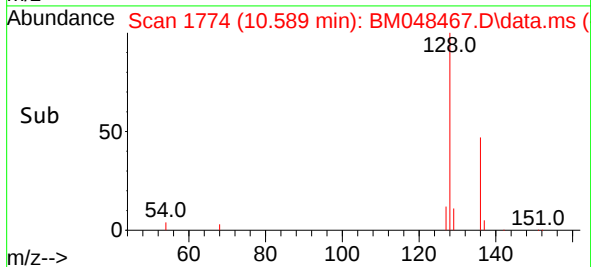
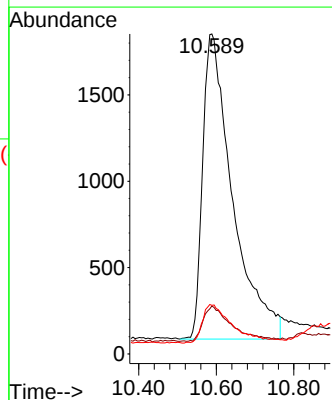
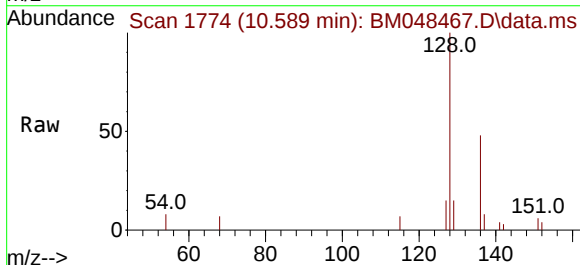
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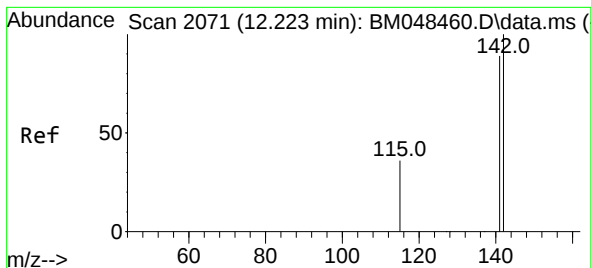
Tgt Ion: 88 Resp: 8378
Ion Ratio Lower Upper
88 100
43 31.5 36.2 54.4#
58 69.0 47.4 71.0



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.589 min Scan# 1774
Delta R.T. 0.010 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

Tgt Ion: 128 Resp: 9454
Ion Ratio Lower Upper
128 100
129 15.0 10.6 15.8
127 15.2 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.360 ng/ul

RT: 12.227 min Scan# 2071

Delta R.T. 0.015 min

Lab File: BM048467.D

Acq: 05 Nov 2024 20:43

Instrument :

BNA_M

ClientSampleId :

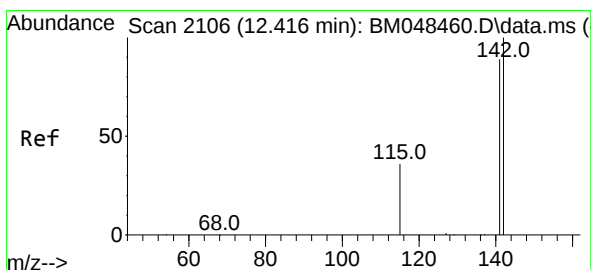
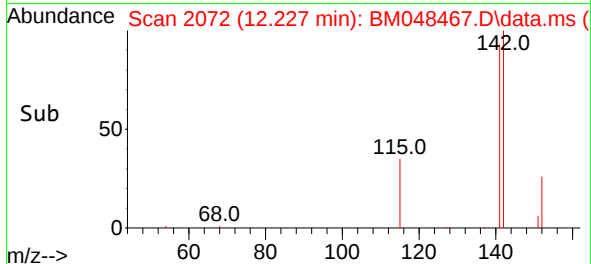
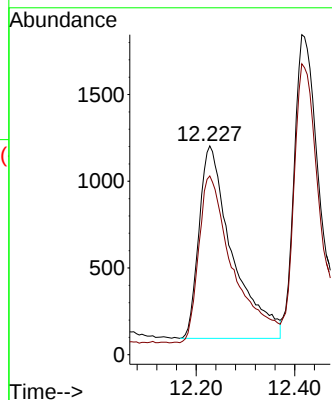
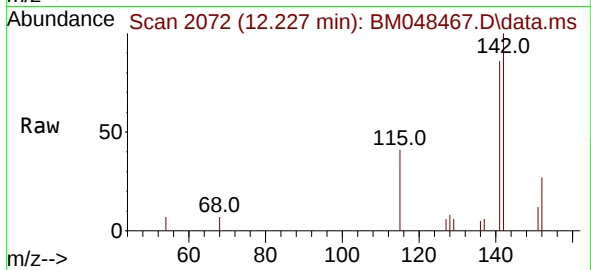
SLCS673

Tgt Ion:142 Resp: 5207

Ion Ratio Lower Upper

142 100

141 90.2 72.2 108.2



#8

1-Methylnaphthalene

Concen: 0.396 ng/ul

RT: 12.414 min Scan# 2106

Delta R.T. -0.001 min

Lab File: BM048467.D

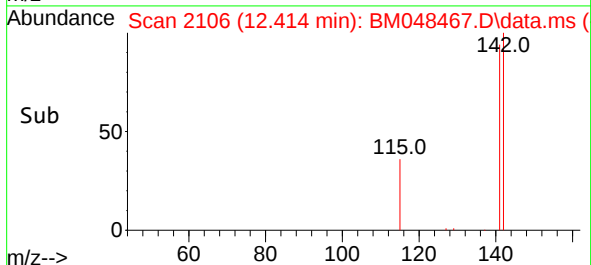
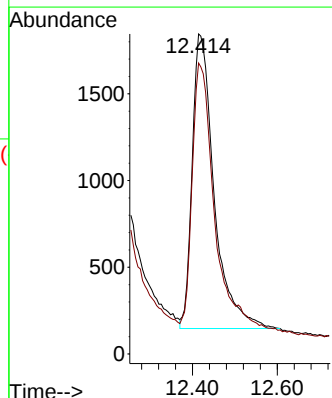
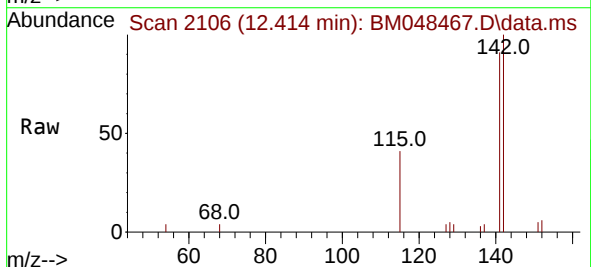
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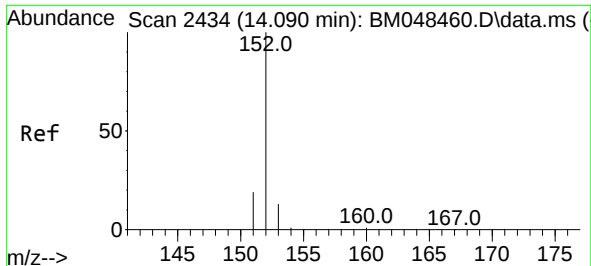
Tgt Ion:142 Resp: 6106

Ion Ratio Lower Upper

142 100

141 91.9 75.5 113.3

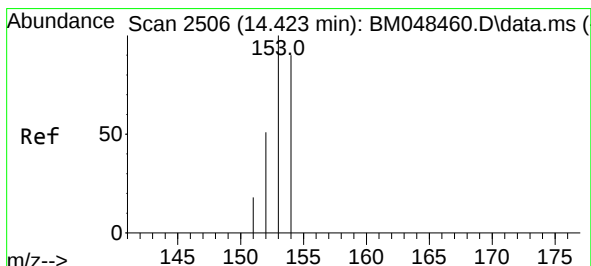
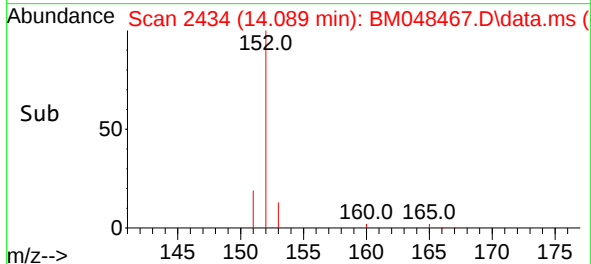
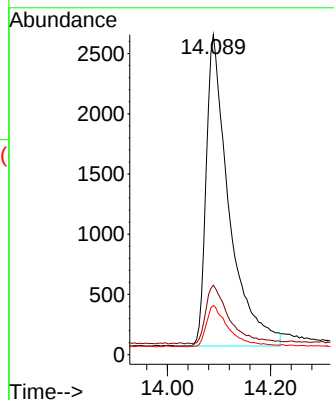
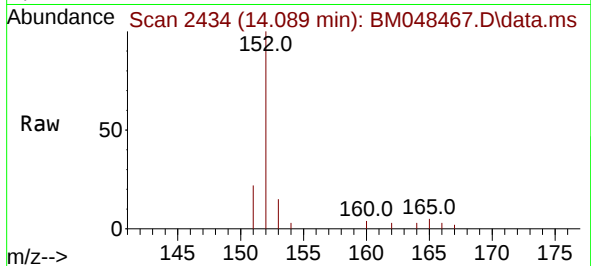




#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 14.089 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

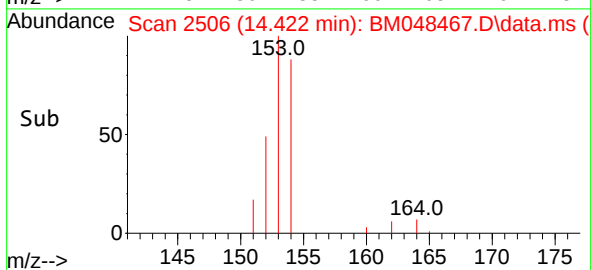
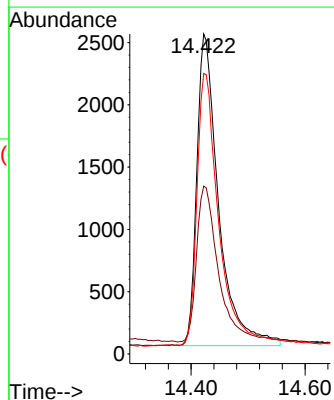
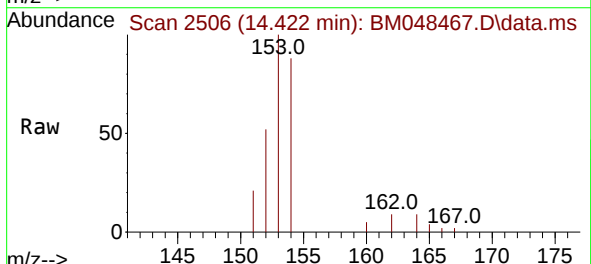
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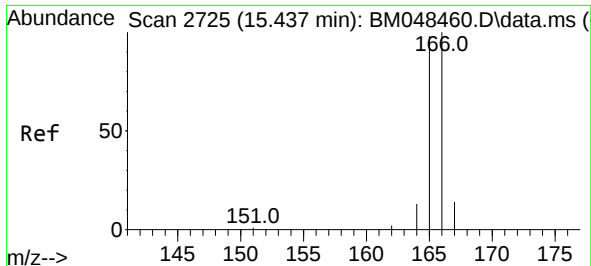
Tgt Ion:	152	Resp:	7918
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.6	24.8
153	15.4	11.8	17.6



#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.422 min Scan# 2506
Delta R.T. -0.006 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

Tgt Ion:	153	Resp:	6646
Ion Ratio	Lower	Upper	
153	100		
152	52.5	40.7	61.1
154	87.7	70.6	106.0

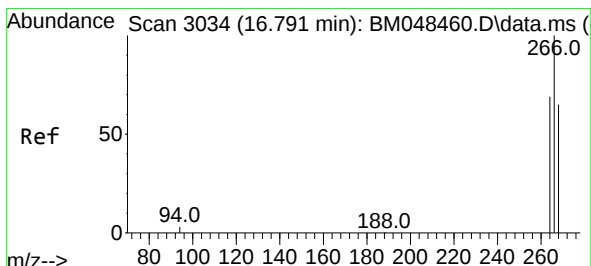
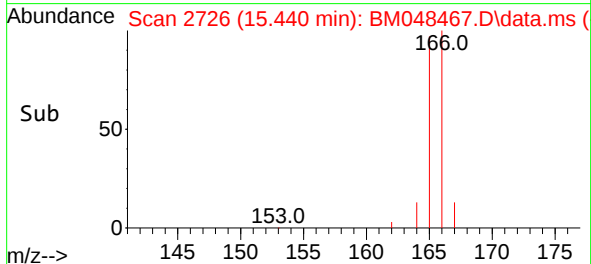
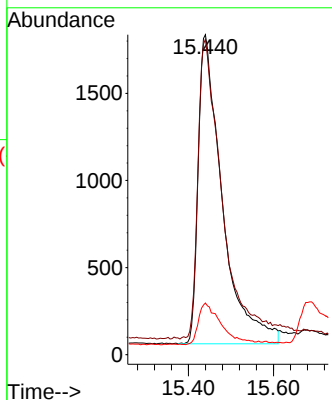
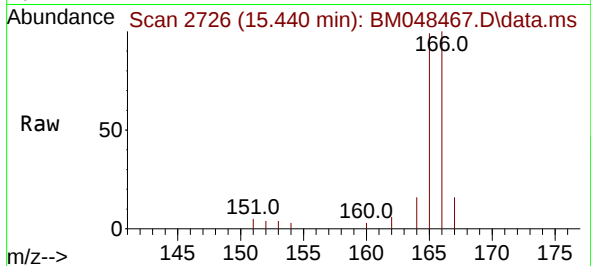




#12
Fluorene
Concen: 0.387 ng/ul
RT: 15.440 min Scan# 21
Delta R.T. 0.008 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

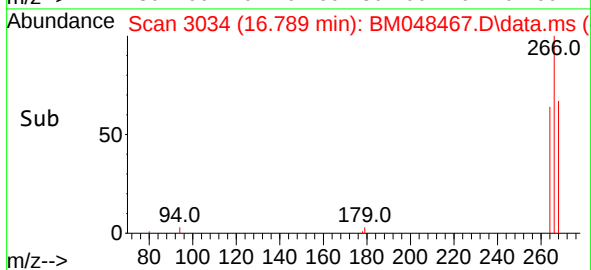
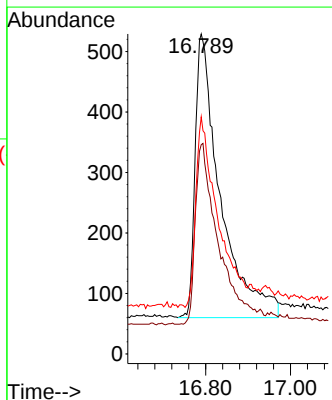
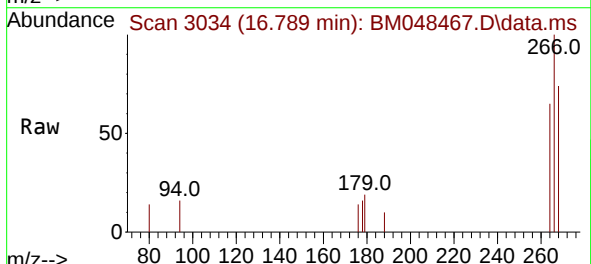
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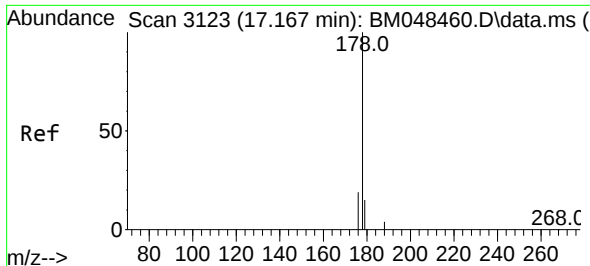
Tgt Ion:166 Resp: 6961
Ion Ratio Lower Upper
166 100
165 98.6 78.6 118.0
167 16.2 12.1 18.1



#14
Pentachlorophenol
Concen: 0.689 ng/ul
RT: 16.789 min Scan# 3034
Delta R.T. 0.003 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

Tgt Ion:266 Resp: 1928
Ion Ratio Lower Upper
266 100
264 59.6 48.3 72.5
268 61.8 46.2 69.4

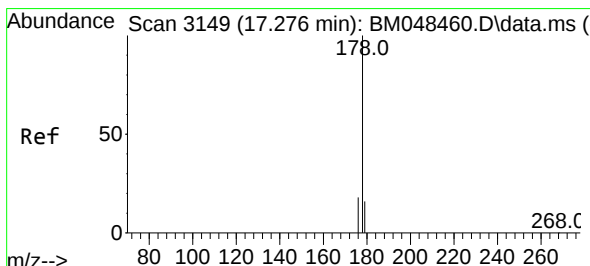
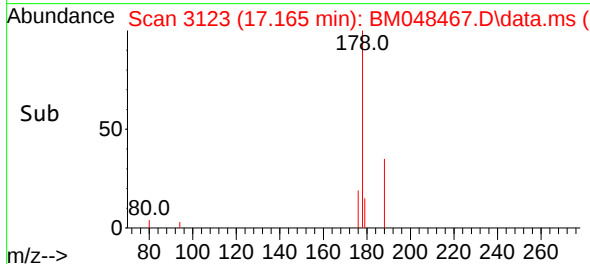
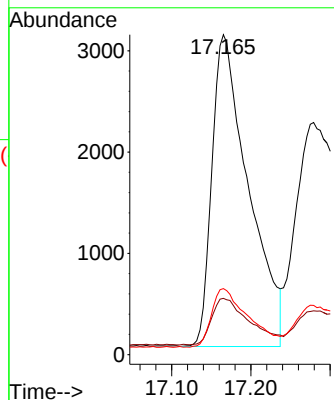
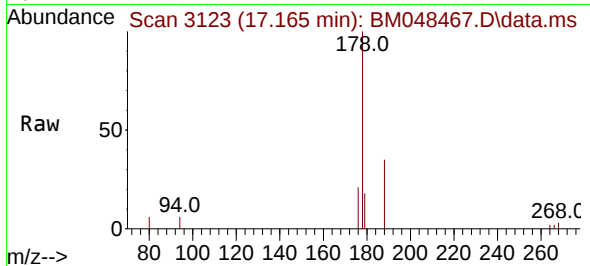




#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 17.165 min Scan# 3123
Delta R.T. 0.007 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

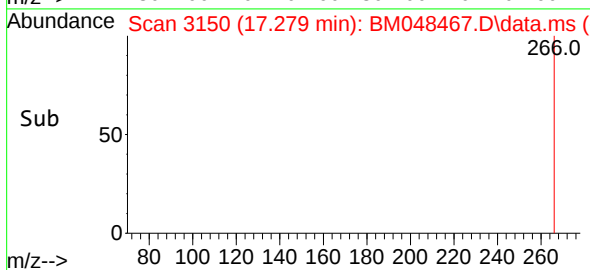
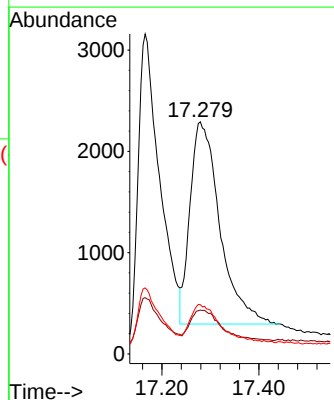
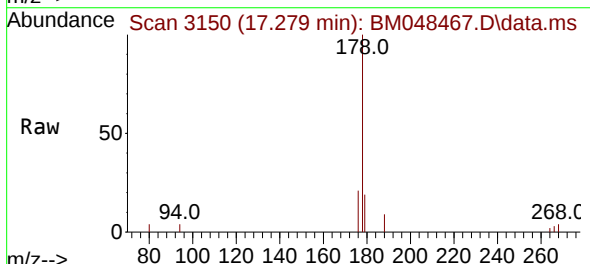
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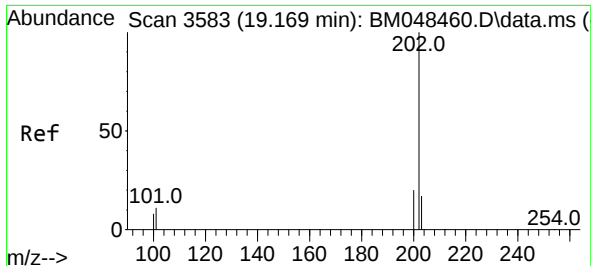
Tgt Ion:	178	Resp:	9867
Ion Ratio	Lower	Upper	
178	100		
179	17.6	13.9	20.9
176	20.6	16.0	24.0



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.279 min Scan# 3150
Delta R.T. 0.020 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

Tgt Ion:	178	Resp:	8521
Ion Ratio	Lower	Upper	
178	100		
179	18.8	14.2	21.2
176	21.2	15.8	23.6

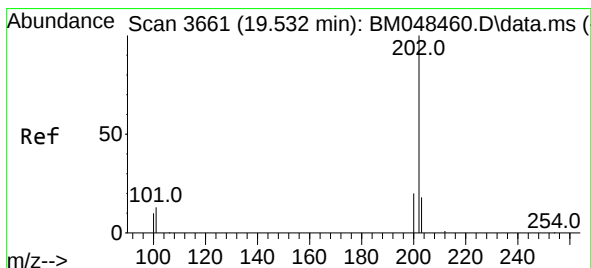
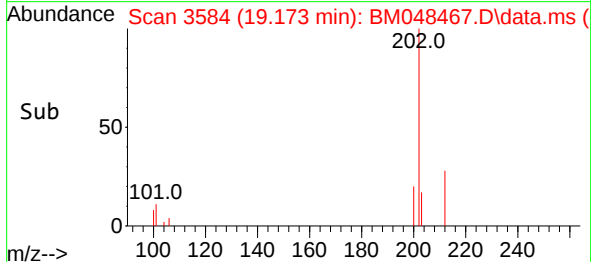
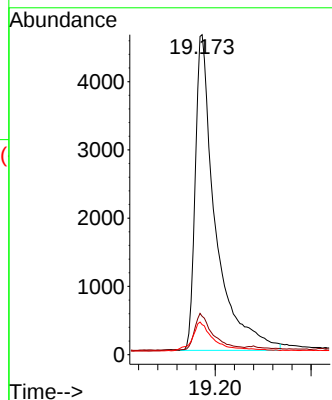
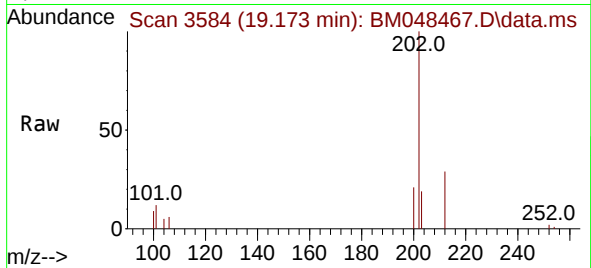




#19
Fluoranthene
Concen: 0.486 ng/ul
RT: 19.173 min Scan# 3584
Delta R.T. 0.003 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

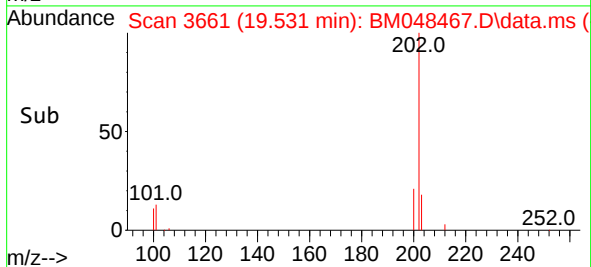
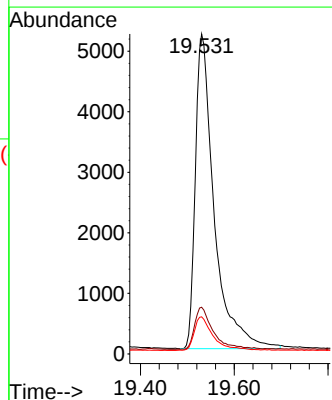
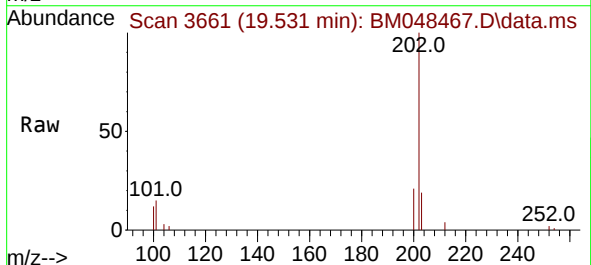
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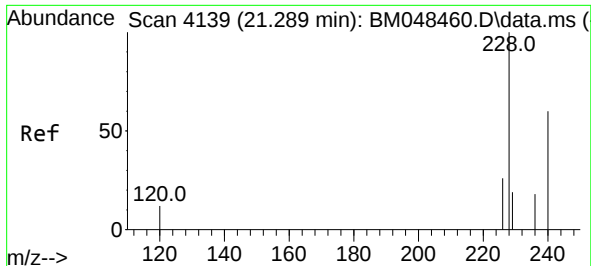
Tgt Ion:202 Resp: 13520
Ion Ratio Lower Upper
202 100
101 12.0 9.0 13.4
100 9.4 6.6 10.0



#20
Pyrene
Concen: 0.486 ng/ul
RT: 19.531 min Scan# 3661
Delta R.T. -0.001 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

Tgt Ion:202 Resp: 14494
Ion Ratio Lower Upper
202 100
101 14.6 10.0 15.0
100 11.6 8.0 12.0

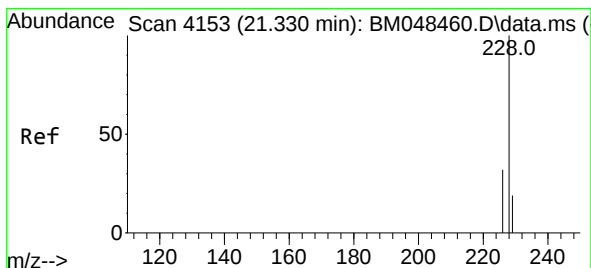
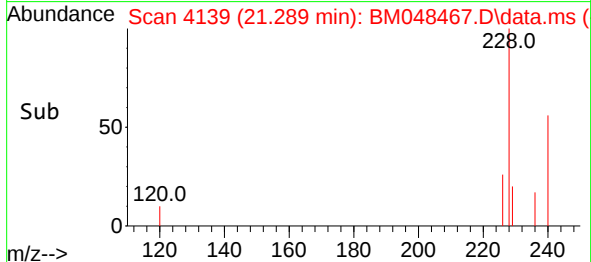
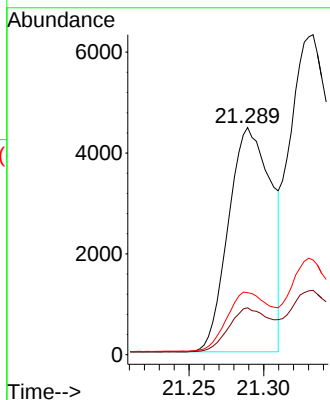
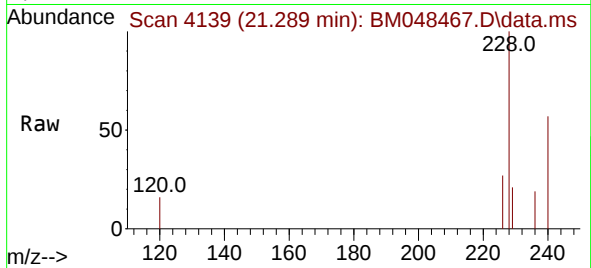




#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.289 min Scan# 4139
Delta R.T. 0.009 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

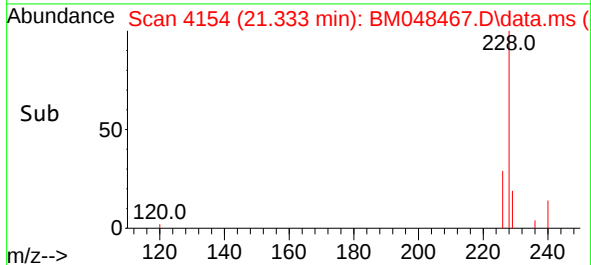
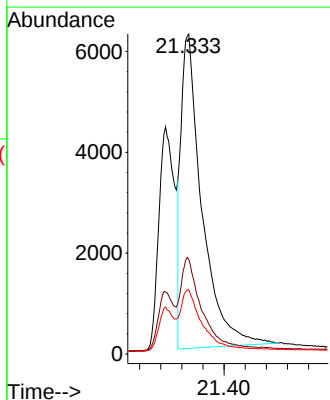
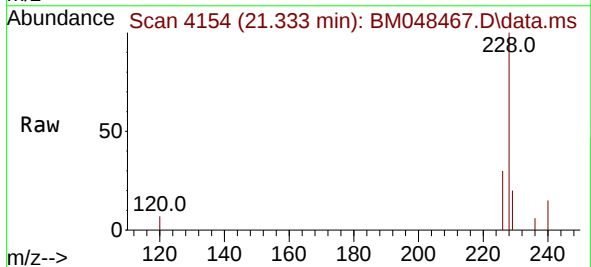
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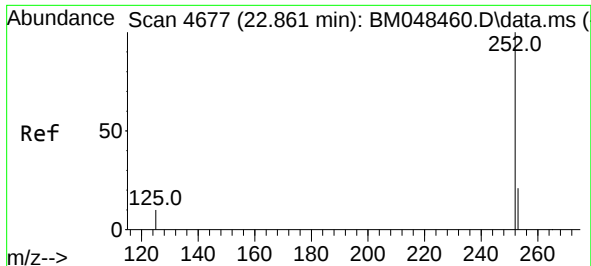
Tgt Ion:228 Resp: 8893
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.516 ng/ul
RT: 21.333 min Scan# 4154
Delta R.T. 0.006 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

Tgt Ion:228 Resp: 17149
Ion Ratio Lower Upper
228 100
226 29.6 24.1 36.1
229 20.1 15.9 23.9

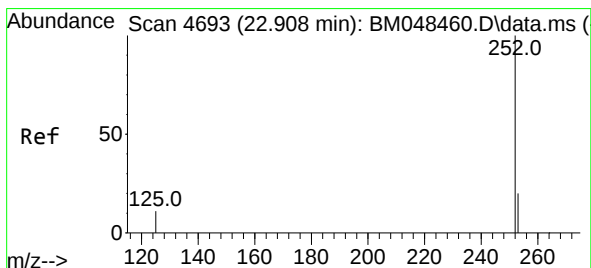
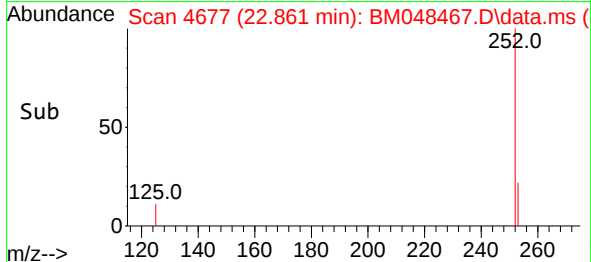
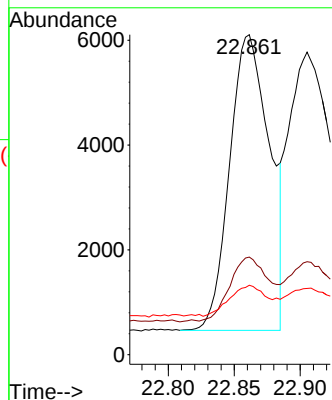
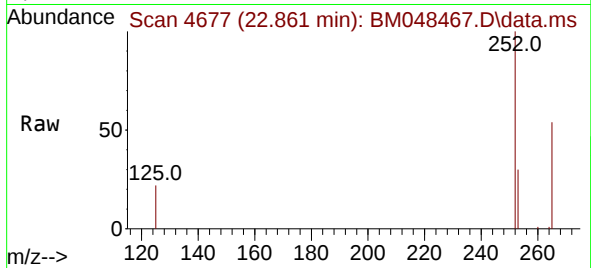




#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 22.861 min Scan# 4677
Delta R.T. 0.000 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

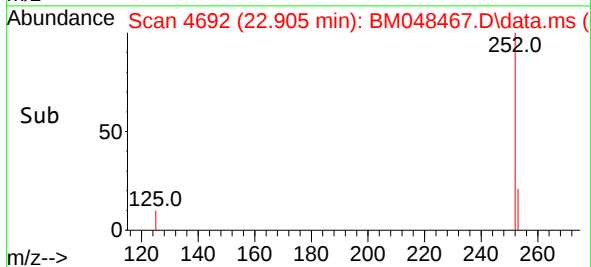
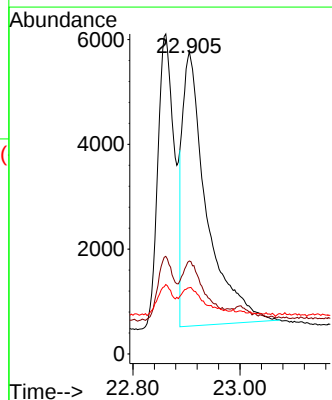
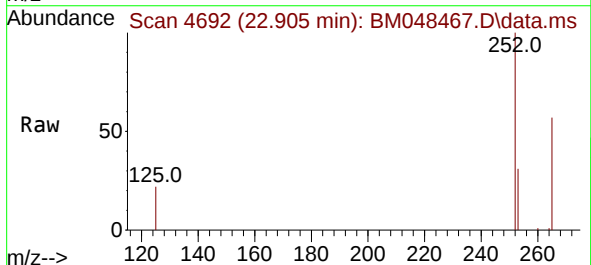
Instrument :
BNA_M
ClientSampleId :
SLCS673

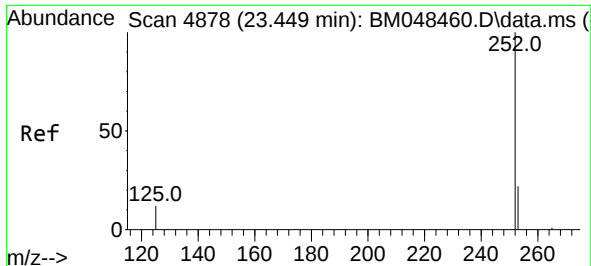
Tgt Ion:252 Resp: 11876
Ion Ratio Lower Upper
252 100
253 30.5 0.0 59.4
125 21.7 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.484 ng/ul
RT: 22.905 min Scan# 4692
Delta R.T. 0.000 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

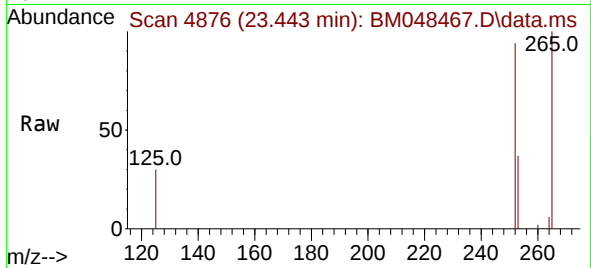
Tgt Ion:252 Resp: 16257
Ion Ratio Lower Upper
252 100
253 30.7 23.4 35.0
125 21.9 15.3 22.9



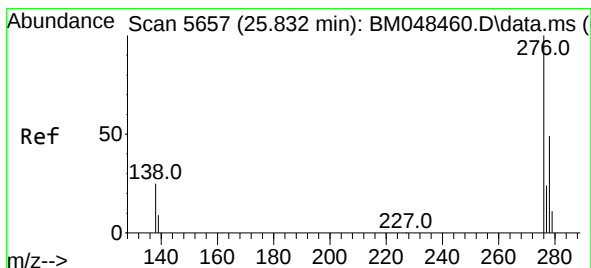
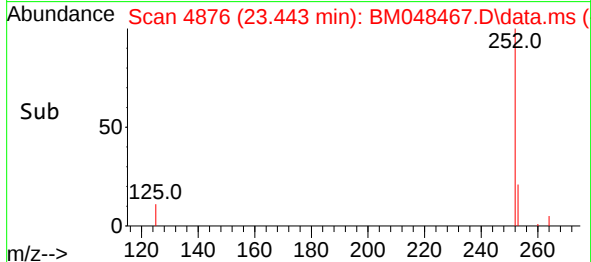
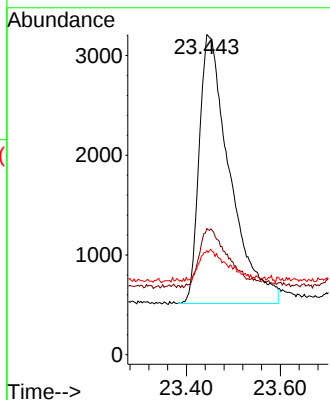


#26
Benzo(a)pyrene
Concen: 0.457 ng/ul
RT: 23.443 min Scan# 4876
Delta R.T. 0.003 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

Instrument :
BNA_M
ClientSampleId :
SLCS673

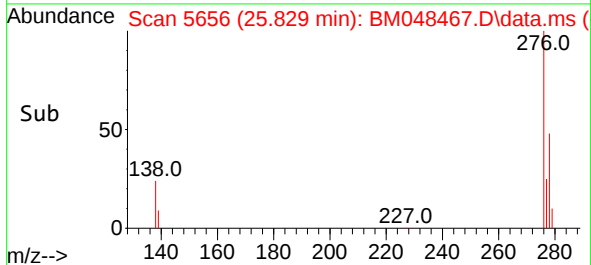
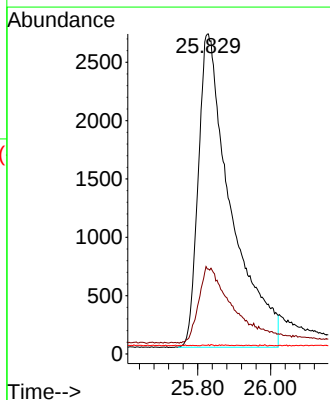
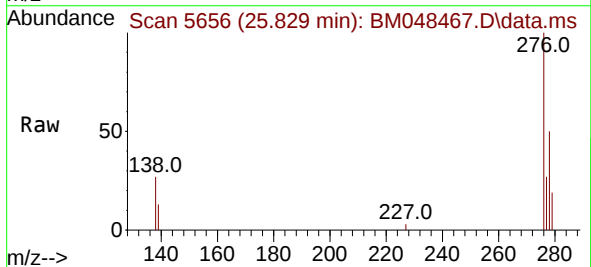


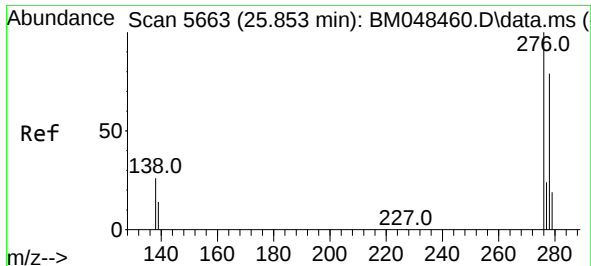
Tgt Ion:252 Resp: 12167
Ion Ratio Lower Upper
252 100
253 39.4 27.7 41.5
125 32.5 21.1 31.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 25.829 min Scan# 5656
Delta R.T. 0.017 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

Tgt Ion:276 Resp: 16639
Ion Ratio Lower Upper
276 100
138 25.9 19.6 29.4
227 0.0 0.1 0.1#

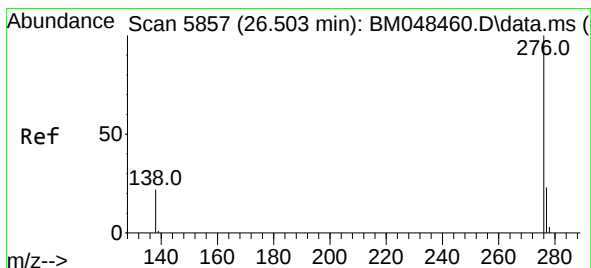
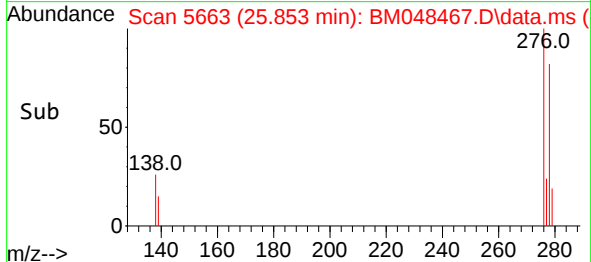
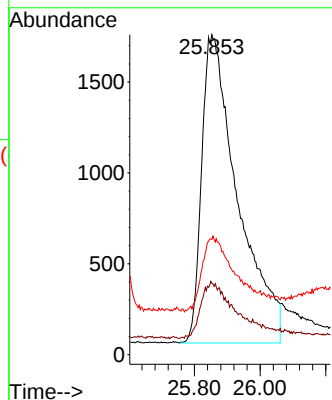
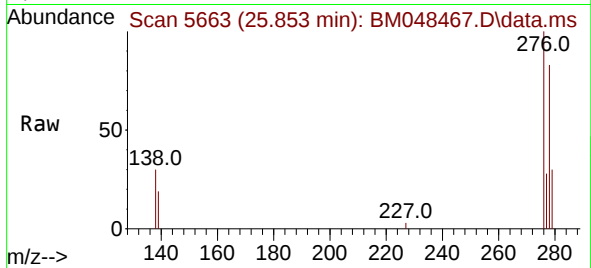




#28
Dibenzo(a,h)anthracene
Concen: 0.446 ng/ul
RT: 25.853 min Scan# 5663
Delta R.T. 0.017 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

Instrument :
BNA_M
ClientSampleId :
SLCS673

Tgt Ion:278 Resp: 12949
Ion Ratio Lower Upper
278 100
139 22.3 15.6 23.4
279 36.0 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.472 ng/ul
RT: 26.497 min Scan# 5855
Delta R.T. -0.003 min
Lab File: BM048467.D
Acq: 05 Nov 2024 20:43

Tgt Ion:276 Resp: 14829
Ion Ratio Lower Upper
276 100
138 25.2 19.0 28.6
277 26.3 20.6 31.0

