

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
 Data File : BM048427.D
 Acq On : 04 Nov 2024 15:22
 Operator : RC/JU
 Sample : PB164513BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS513

Quant Time: Nov 04 16:04:32 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

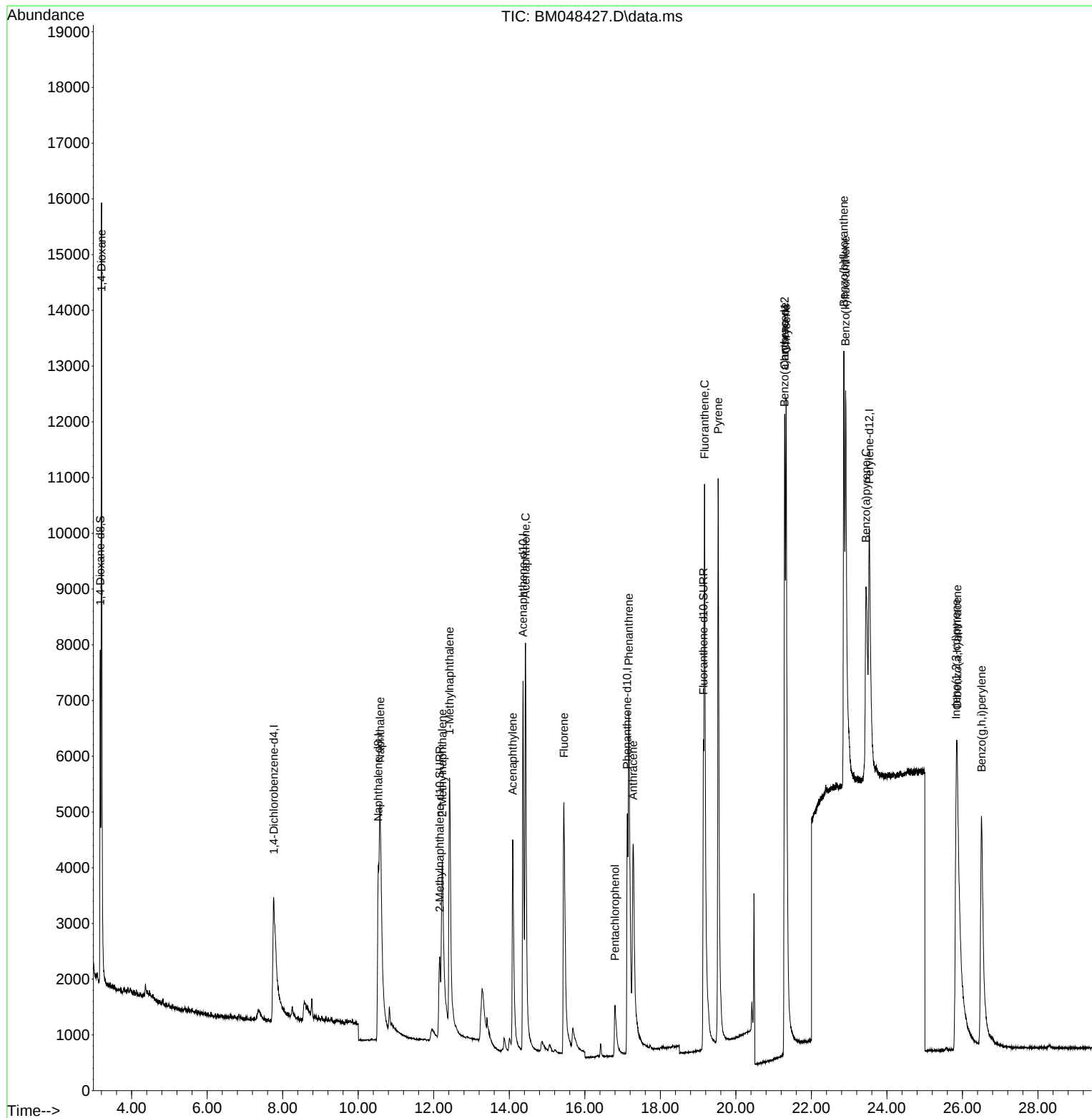
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.762	152	3354	0.400	ng/ul	0.01
4) Naphthalene-d8	10.530	136	12035	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.363	164	6276	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.124	188	12098	0.400	ng/ul	0.00
17) Chrysene-d12	21.295	240	9435	0.400	ng/ul	0.00
23) Perylene-d12	23.533	264	9447	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	3874	0.940	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	5486	0.358	ng/ul	0.02
18) Fluoranthene-d10	19.141	212	11514	0.481	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.202	88	9849	2.204	ng/ul#	83
5) Naphthalene	10.579	128	11083	0.352	ng/ul	99
7) 2-Methylnaphthalene	12.229	142	5942	0.317	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	6790	0.340	ng/ul	97
10) Acenaphthylene	14.090	152	8669	0.357	ng/ul	98
11) Acenaphthene	14.428	153	7200	0.370	ng/ul	99
12) Fluorene	15.446	166	7574	0.350	ng/ul	98
14) Pentachlorophenol	16.795	266	1751	0.520	ng/ul	94
15) Phenanthrene	17.167	178	10722	0.357	ng/ul	99
16) Anthracene	17.281	178	9749	0.346	ng/ul	97
19) Fluoranthene	19.174	202	14668	0.451	ng/ul	98
20) Pyrene	19.532	202	15677	0.449	ng/ul	97
21) Benzo(a)anthracene	21.289	228	10042	0.355	ng/ul	99
22) Chrysene	21.330	228	17888	0.460	ng/ul	99
24) Benzo(b)fluoranthene	22.861	252	12359	0.383	ng/ul	97
25) Benzo(k)fluoranthene	22.905	252	16830	0.440	ng/ul	96
26) Benzo(a)pyrene	23.449	252	12422	0.410	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.836	276	16018	0.378	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.863	278	12275	0.371	ng/ul	92
29) Benzo(g,h,i)perylene	26.507	276	14414	0.403	ng/ul	98

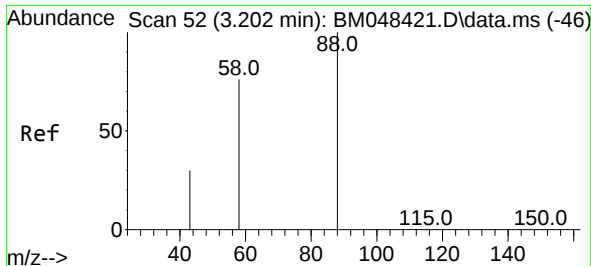
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

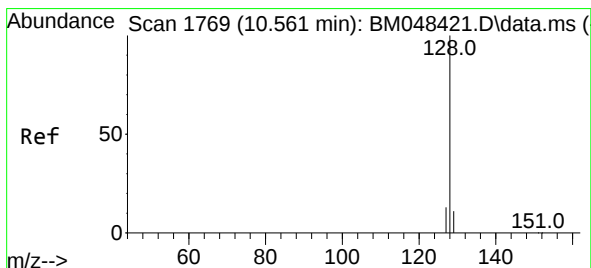
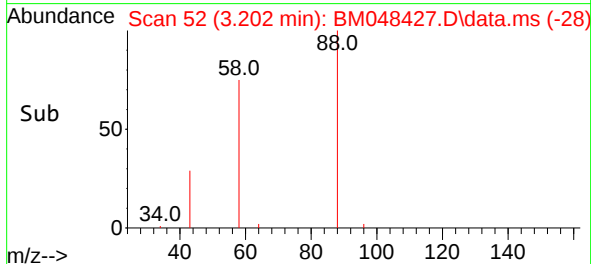
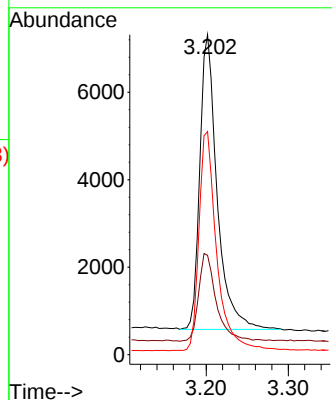
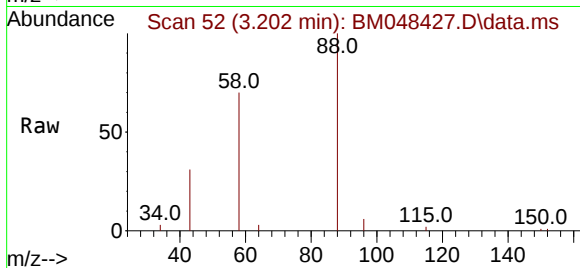




#2
1,4-Dioxane
Concen: 2.204 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

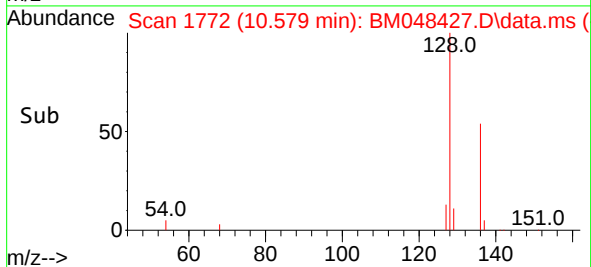
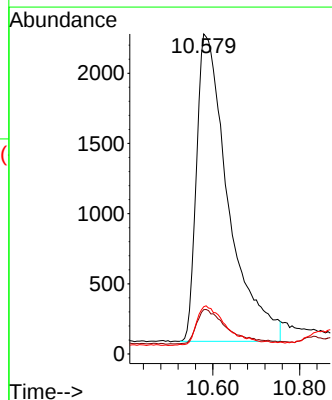
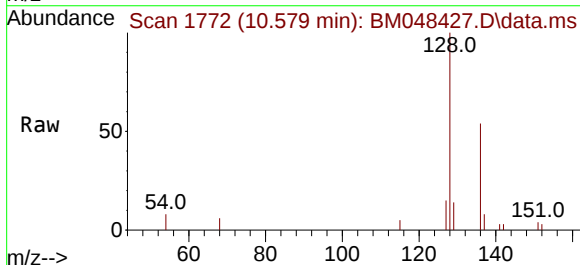
Instrument :
BNA_M
ClientSampleId :
SLCS513

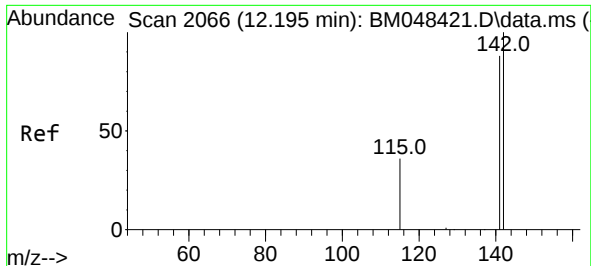
Tgt Ion: 88 Resp: 9849
Ion Ratio Lower Upper
88 100
43 31.0 36.2 54.4#
58 69.7 47.4 71.0



#5
Naphthalene
Concen: 0.352 ng/ul
RT: 10.579 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

Tgt Ion: 128 Resp: 11083
Ion Ratio Lower Upper
128 100
129 13.9 10.6 15.8
127 14.8 11.4 17.2

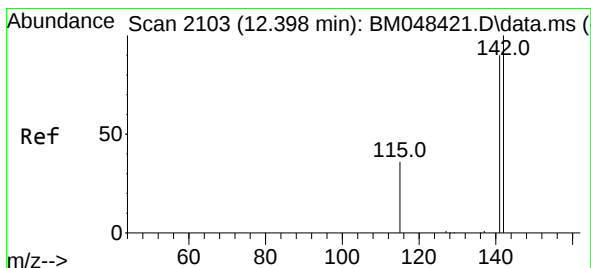
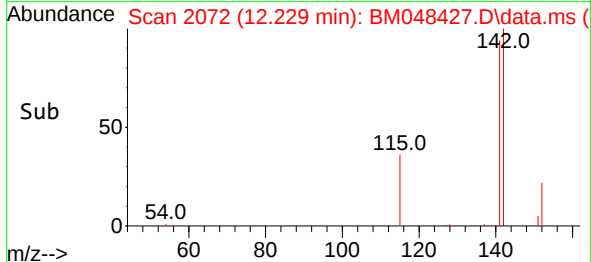
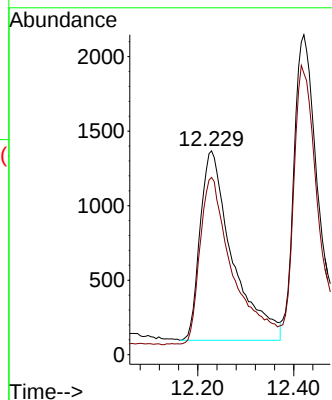
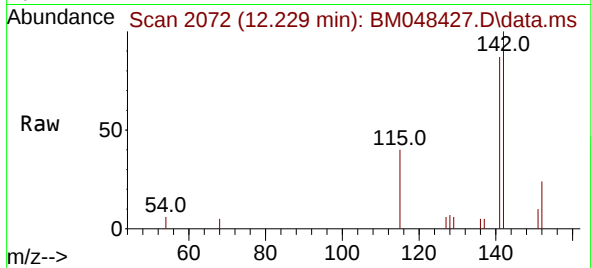




#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.229 min Scan# 2066
Delta R.T. 0.016 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

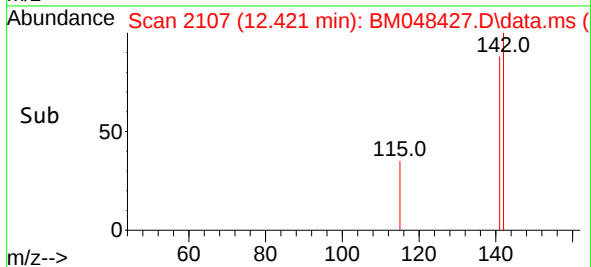
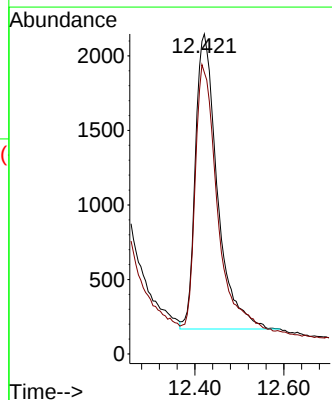
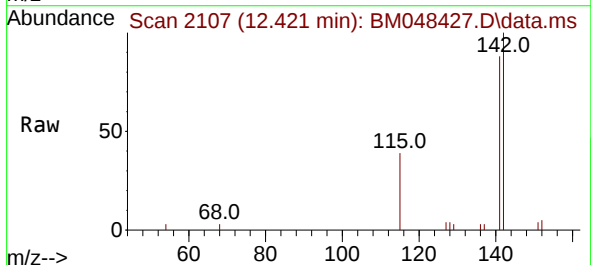
Instrument :
BNA_M
ClientSampleId :
SLCS513

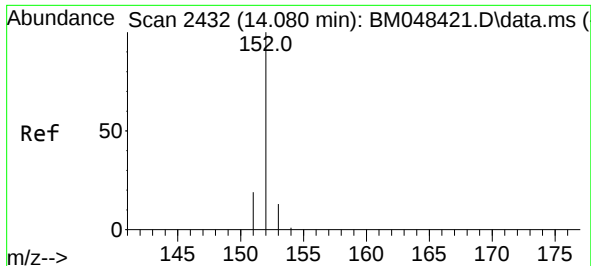
Tgt Ion:142 Resp: 5942
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.421 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

Tgt Ion:142 Resp: 6790
Ion Ratio Lower Upper
142 100
141 91.6 75.5 113.3

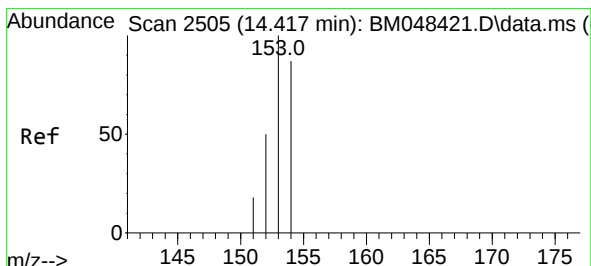
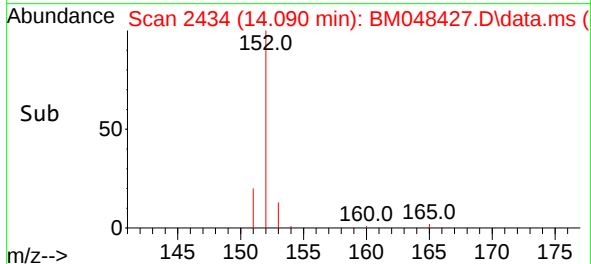
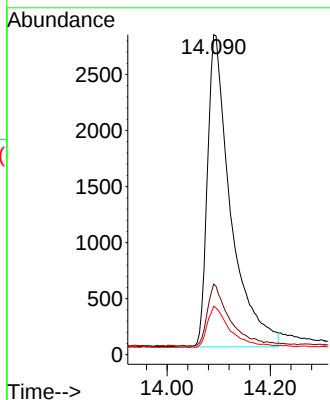
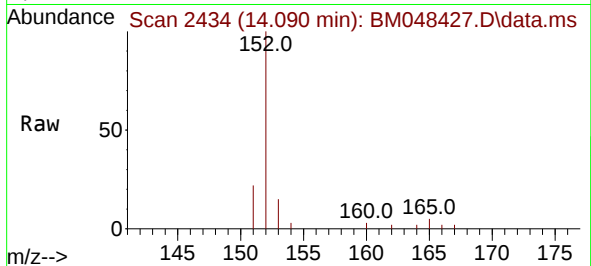




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.090 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

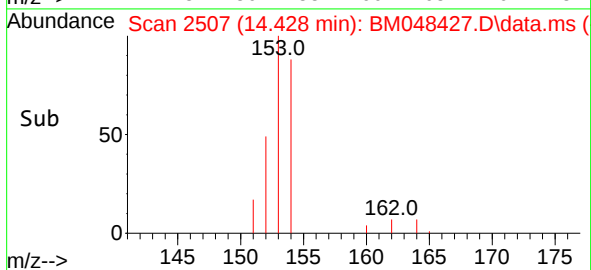
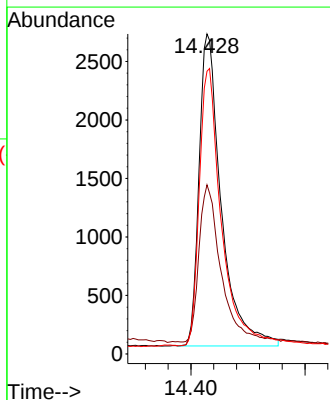
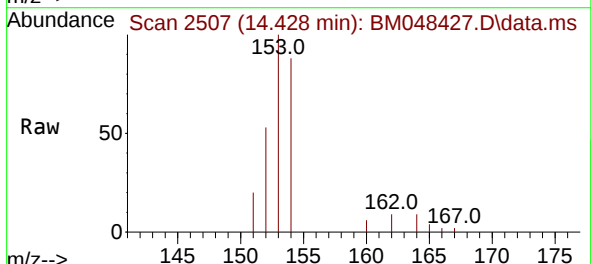
Instrument :
BNA_M
ClientSampleId :
SLCS513

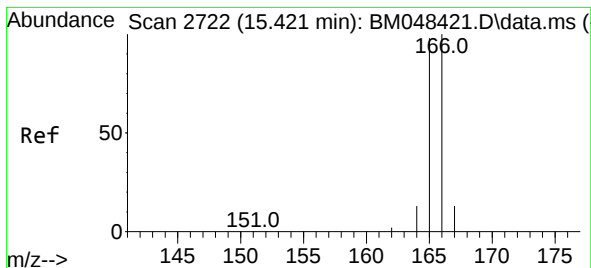
Tgt Ion:	152	Resp:	8669
Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.6	24.8
153	15.1	11.8	17.6



#11
Acenaphthene
Concen: 0.370 ng/ul
RT: 14.428 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

Tgt Ion:	153	Resp:	7200
Ion	Ratio	Lower	Upper
153	100		
152	52.9	40.7	61.1
154	88.4	70.6	106.0





#12

Fluorene

Concen: 0.350 ng/ul

RT: 15.446 min Scan# 21

Delta R.T. 0.014 min

Lab File: BM048427.D

Acq: 04 Nov 2024 15:22

Instrument :

BNA_M

ClientSampleId :

SLCS513

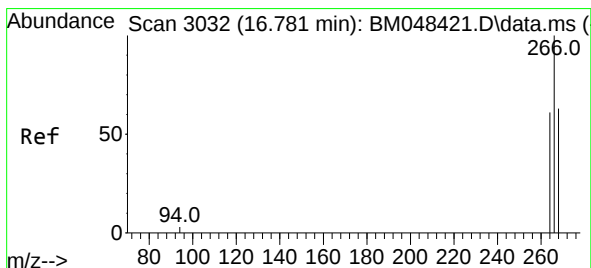
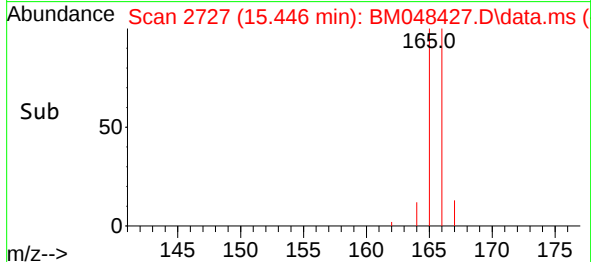
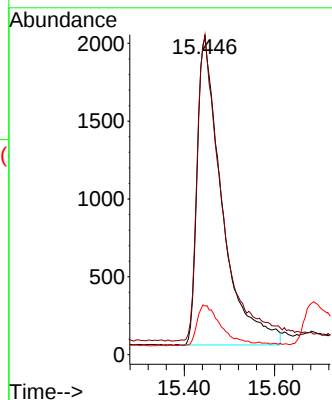
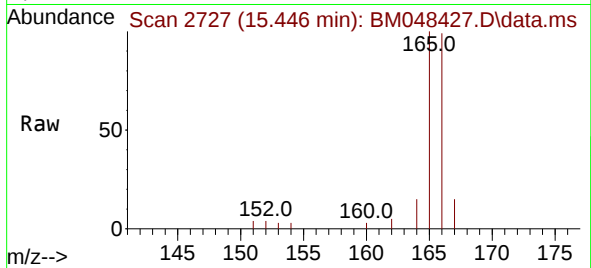
Tgt Ion:166 Resp: 7574

Ion Ratio Lower Upper

166 100

165 100.8 78.6 118.0

167 15.3 12.1 18.1



#14

Pentachlorophenol

Concen: 0.520 ng/ul

RT: 16.795 min Scan# 3035

Delta R.T. 0.008 min

Lab File: BM048427.D

Acq: 04 Nov 2024 15:22

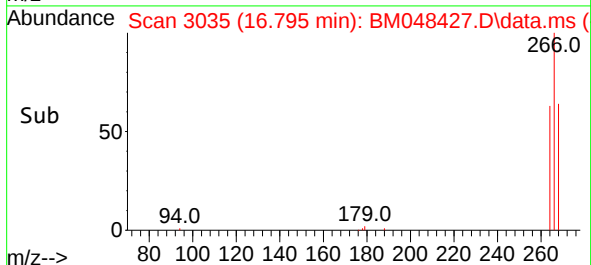
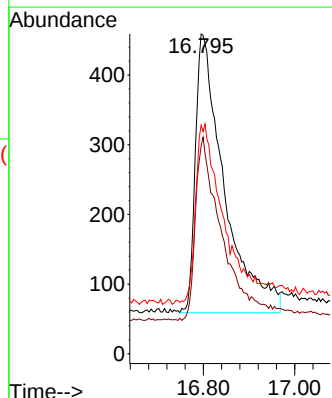
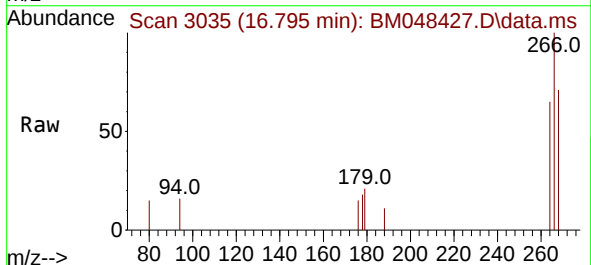
Tgt Ion:266 Resp: 1751

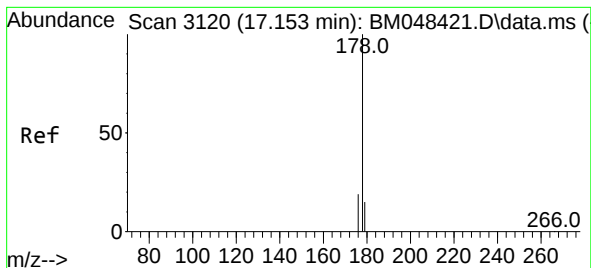
Ion Ratio Lower Upper

266 100

264 62.3 48.3 72.5

268 64.4 46.2 69.4





#15

Phenanthrene

Concen: 0.357 ng/u1

RT: 17.167 min Scan# 3120

Delta R.T. 0.008 min

Lab File: BM048427.D

Acq: 04 Nov 2024 15:22

Instrument :

BNA_M

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SLCS513

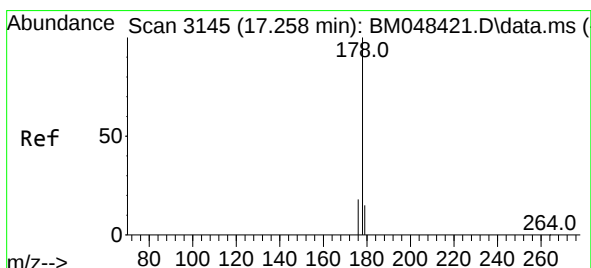
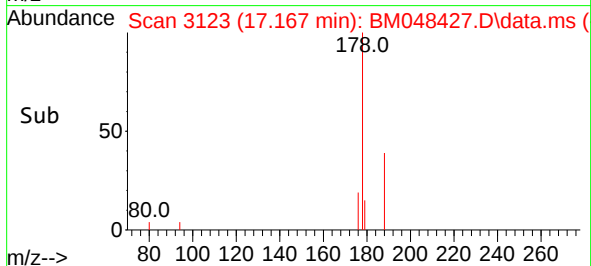
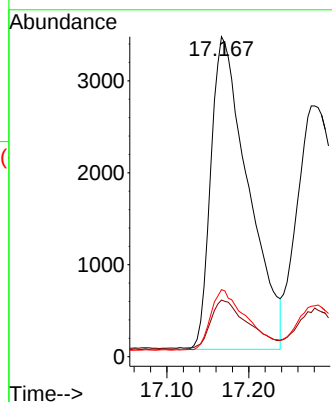
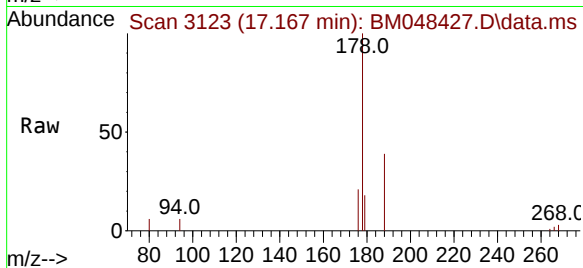
Tgt Ion:178 Resp: 10722

Ion Ratio Lower Upper

178 100

179 17.7 13.9 20.9

176 21.0 16.0 24.0



#16

Anthracene

Concen: 0.346 ng/u1

RT: 17.281 min Scan# 3150

Delta R.T. 0.021 min

Lab File: BM048427.D

Acq: 04 Nov 2024 15:22

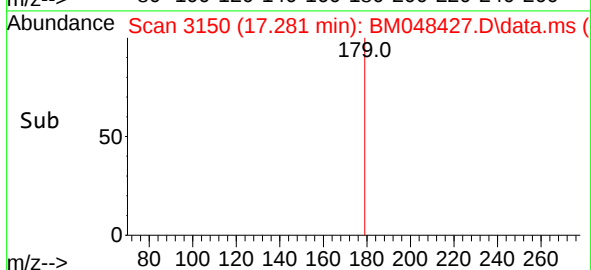
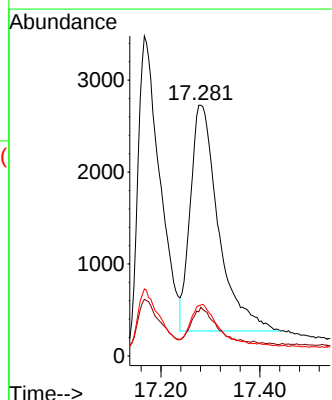
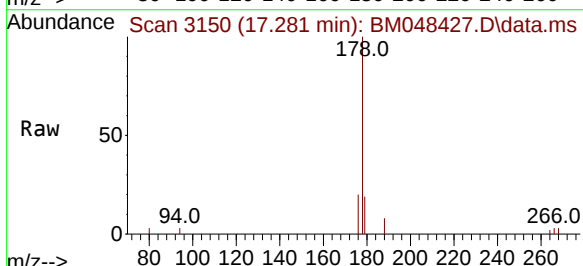
Tgt Ion:178 Resp: 9749

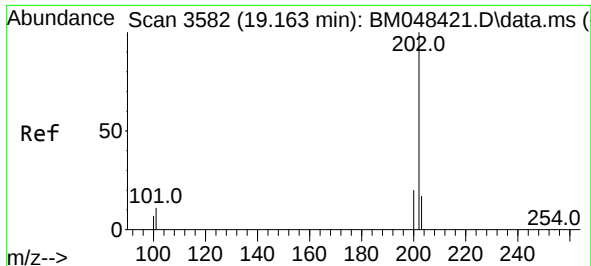
Ion Ratio Lower Upper

178 100

179 19.4 14.2 21.2

176 20.3 15.8 23.6

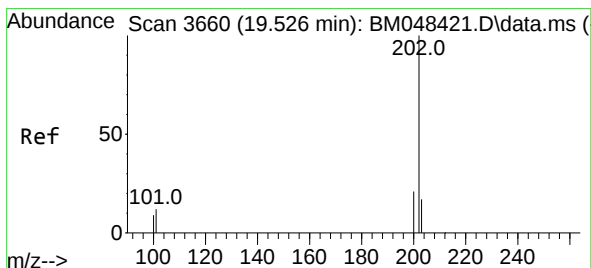
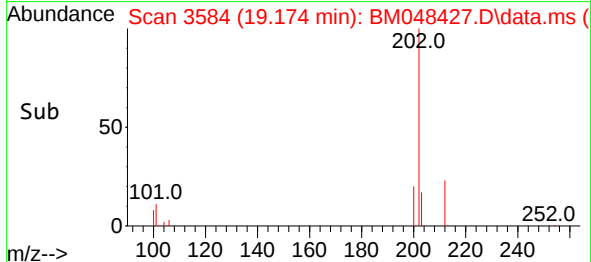
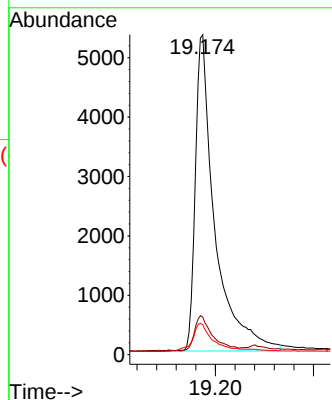
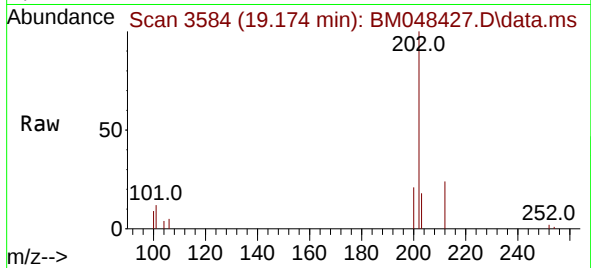




#19
Fluoranthene
Concen: 0.451 ng/ul
RT: 19.174 min Scan# 3584
Delta R.T. 0.005 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

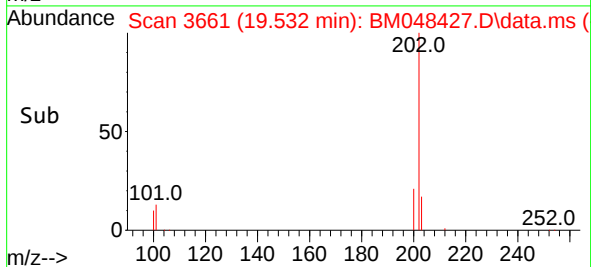
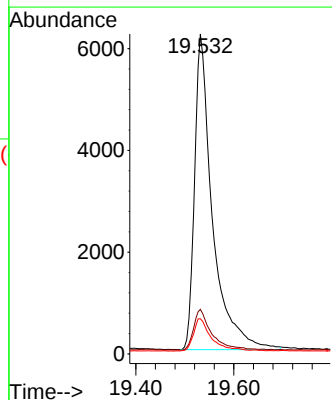
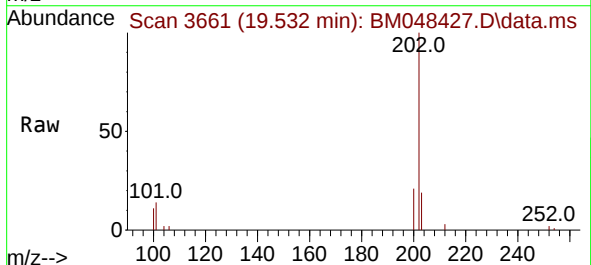
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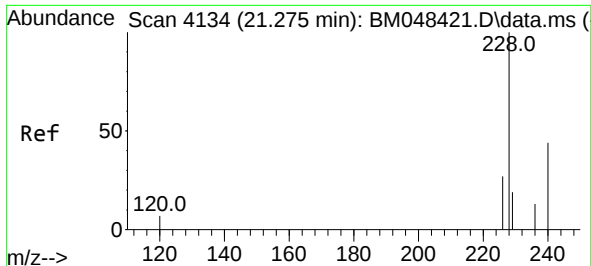
Tgt Ion:202 Resp: 14668
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.4
100 9.3 6.6 10.0



#20
Pyrene
Concen: 0.449 ng/ul
RT: 19.532 min Scan# 3661
Delta R.T. -0.000 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

Tgt Ion:202 Resp: 15677
Ion Ratio Lower Upper
202 100
101 13.9 10.0 15.0
100 11.0 8.0 12.0

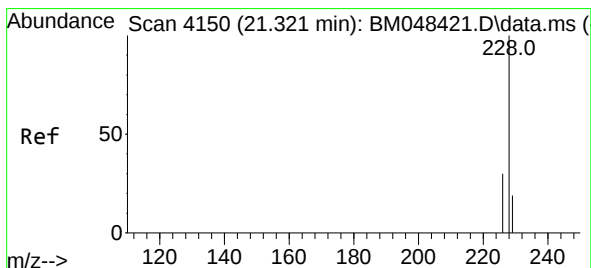
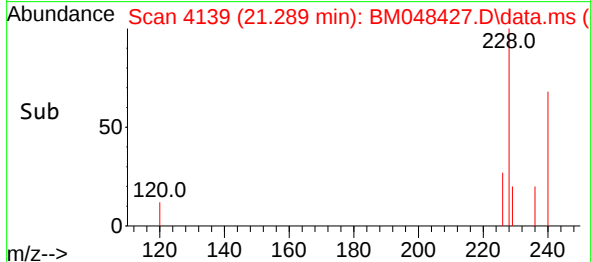
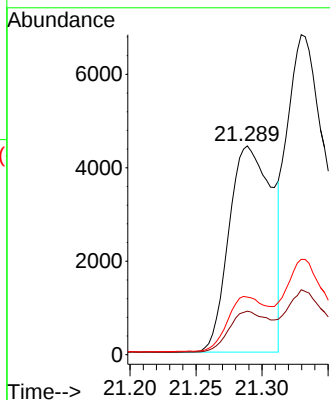
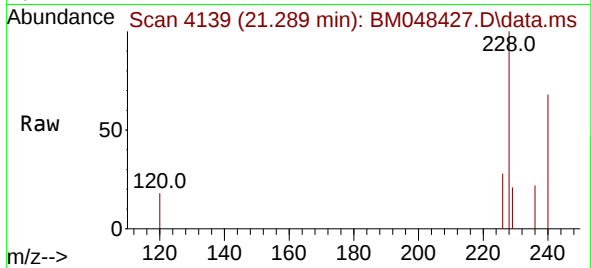




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.289 min Scan# 4139
Delta R.T. 0.009 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

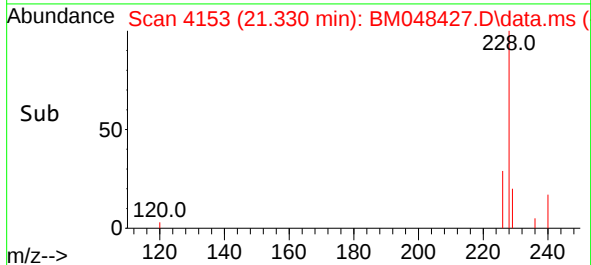
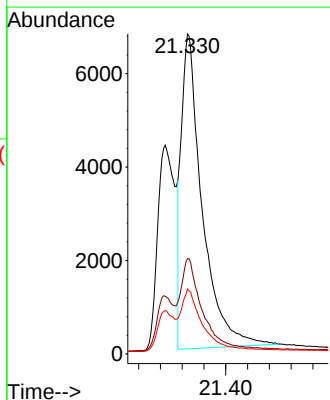
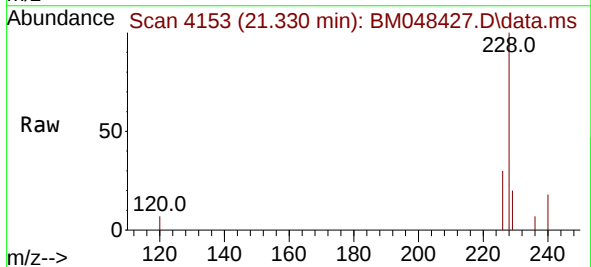
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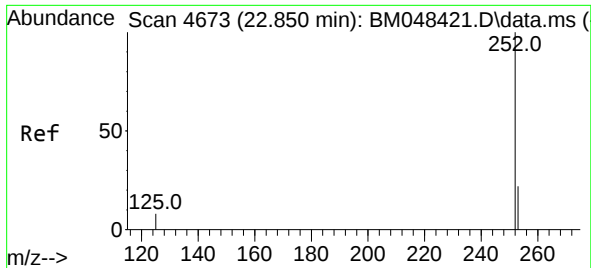
Tgt Ion:228 Resp: 10042
Ion Ratio Lower Upper
228 100
229 20.9 15.9 23.9
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.460 ng/ul
RT: 21.330 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

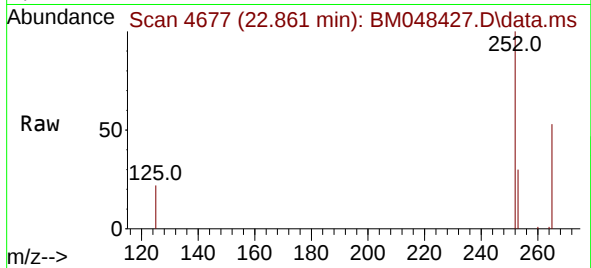
Tgt Ion:228 Resp: 17888
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 20.3 15.9 23.9



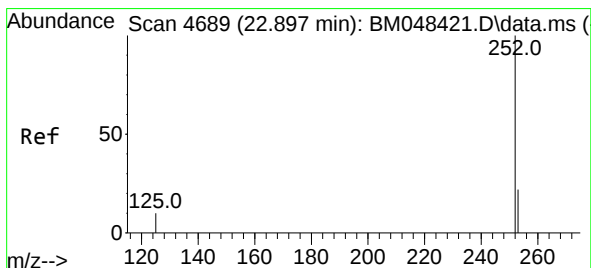
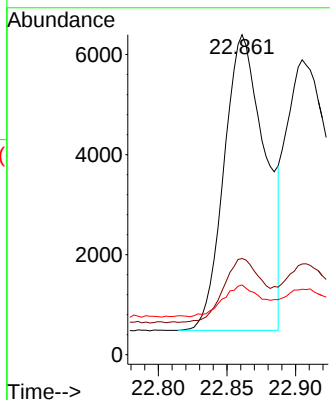


#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 22.861 min Scan# 4677
Delta R.T. -0.000 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

Instrument :
BNA_M
ClientSampleId :
SLCS513

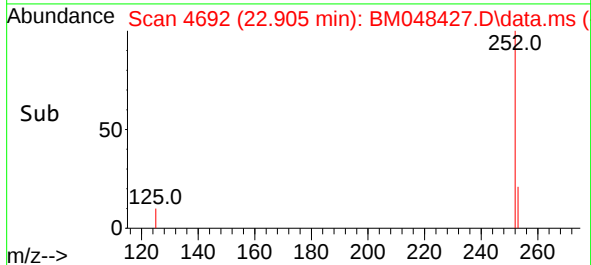
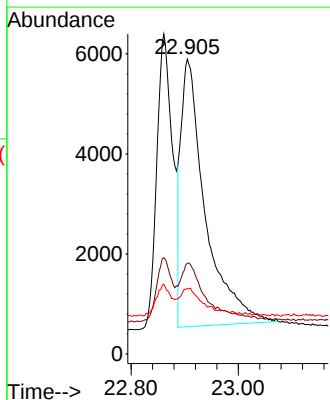
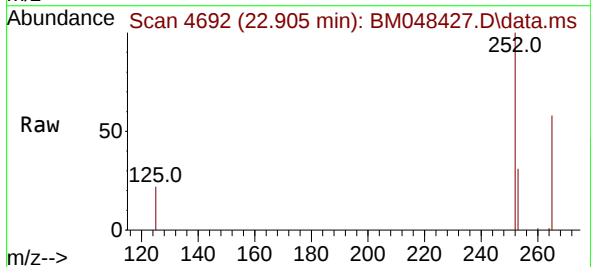


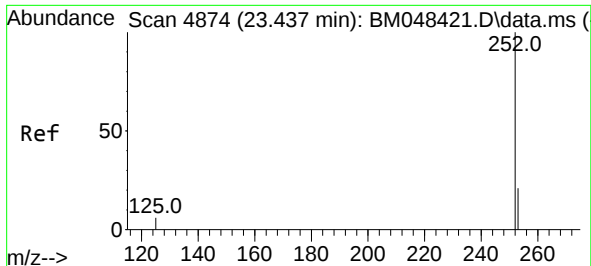
Tgt Ion:252 Resp: 12359
Ion Ratio Lower Upper
252 100
253 30.0 0.0 59.4
125 21.8 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.440 ng/ul
RT: 22.905 min Scan# 4692
Delta R.T. -0.000 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

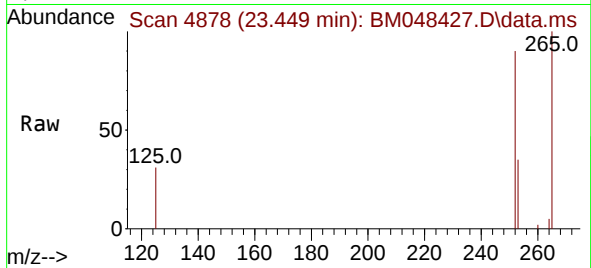
Tgt Ion:252 Resp: 16830
Ion Ratio Lower Upper
252 100
253 30.8 23.4 35.0
125 22.2 15.3 22.9



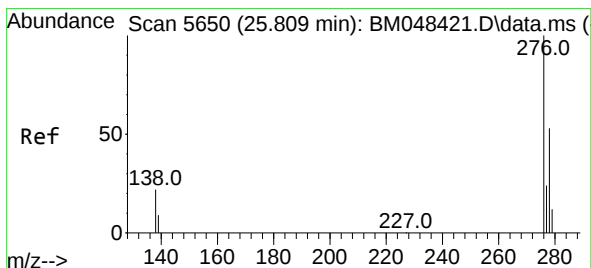
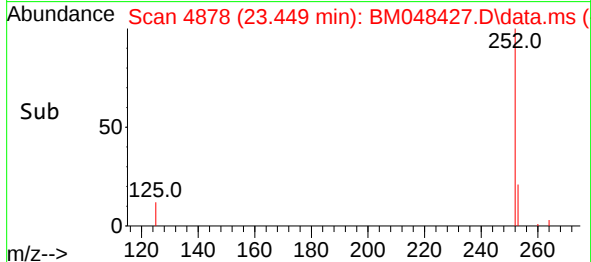
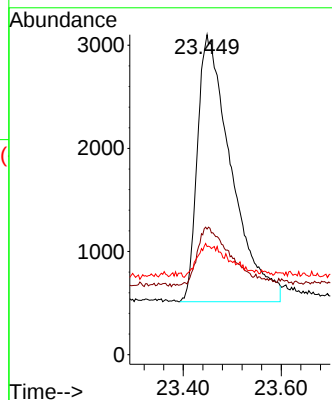


#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.449 min Scan# 4878
Delta R.T. 0.009 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

Instrument :
BNA_M
ClientSampleId :
SLCS513

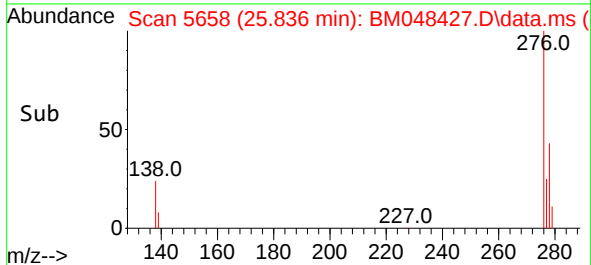
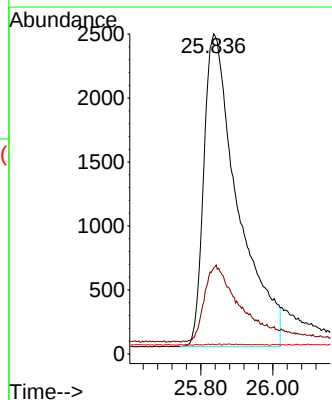
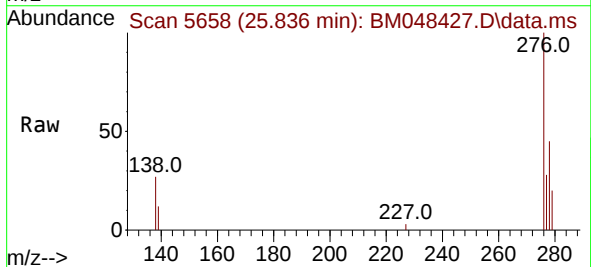


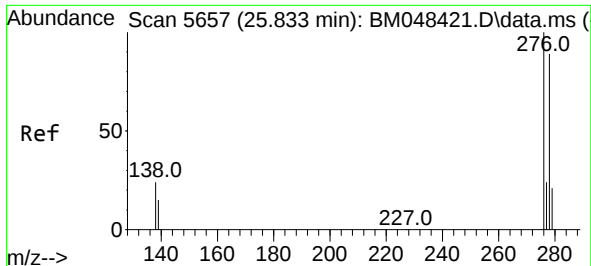
Tgt Ion:252 Resp: 12422
Ion Ratio Lower Upper
252 100
253 39.2 27.7 41.5
125 33.8 21.1 31.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. 0.023 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

Tgt Ion:276 Resp: 16018
Ion Ratio Lower Upper
276 100
138 25.3 19.6 29.4
227 0.0 0.1 0.1#

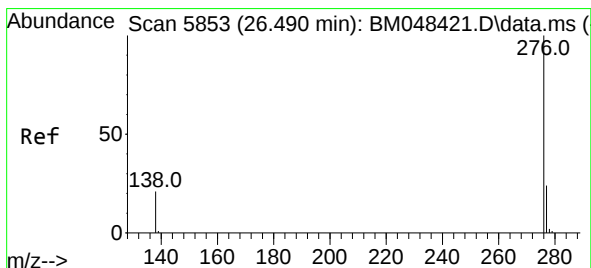
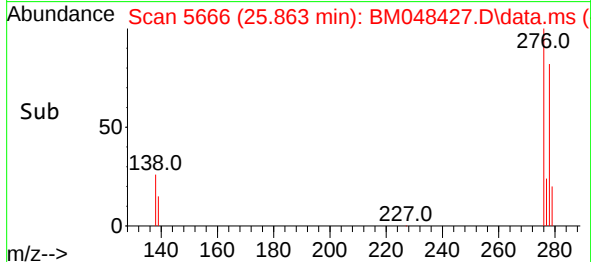
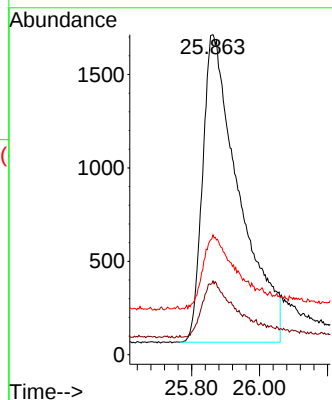
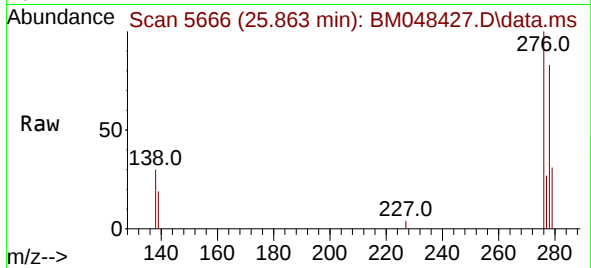




#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 25.863 min Scan# 5666
Delta R.T. 0.027 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

Instrument :
BNA_M
ClientSampleId :
SLCS513

Tgt Ion:278 Resp: 12275
Ion Ratio Lower Upper
278 100
139 23.1 15.6 23.4
279 37.5 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul
RT: 26.507 min Scan# 5858
Delta R.T. 0.007 min
Lab File: BM048427.D
Acq: 04 Nov 2024 15:22

Tgt Ion:276 Resp: 14414
Ion Ratio Lower Upper
276 100
138 25.5 19.0 28.6
277 26.3 20.6 31.0

