

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
 Data File : BM048426.D
 Acq On : 04 Nov 2024 14:45
 Operator : RC/JU
 Sample : PB164490BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS490

Quant Time: Nov 04 15:41:18 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 : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

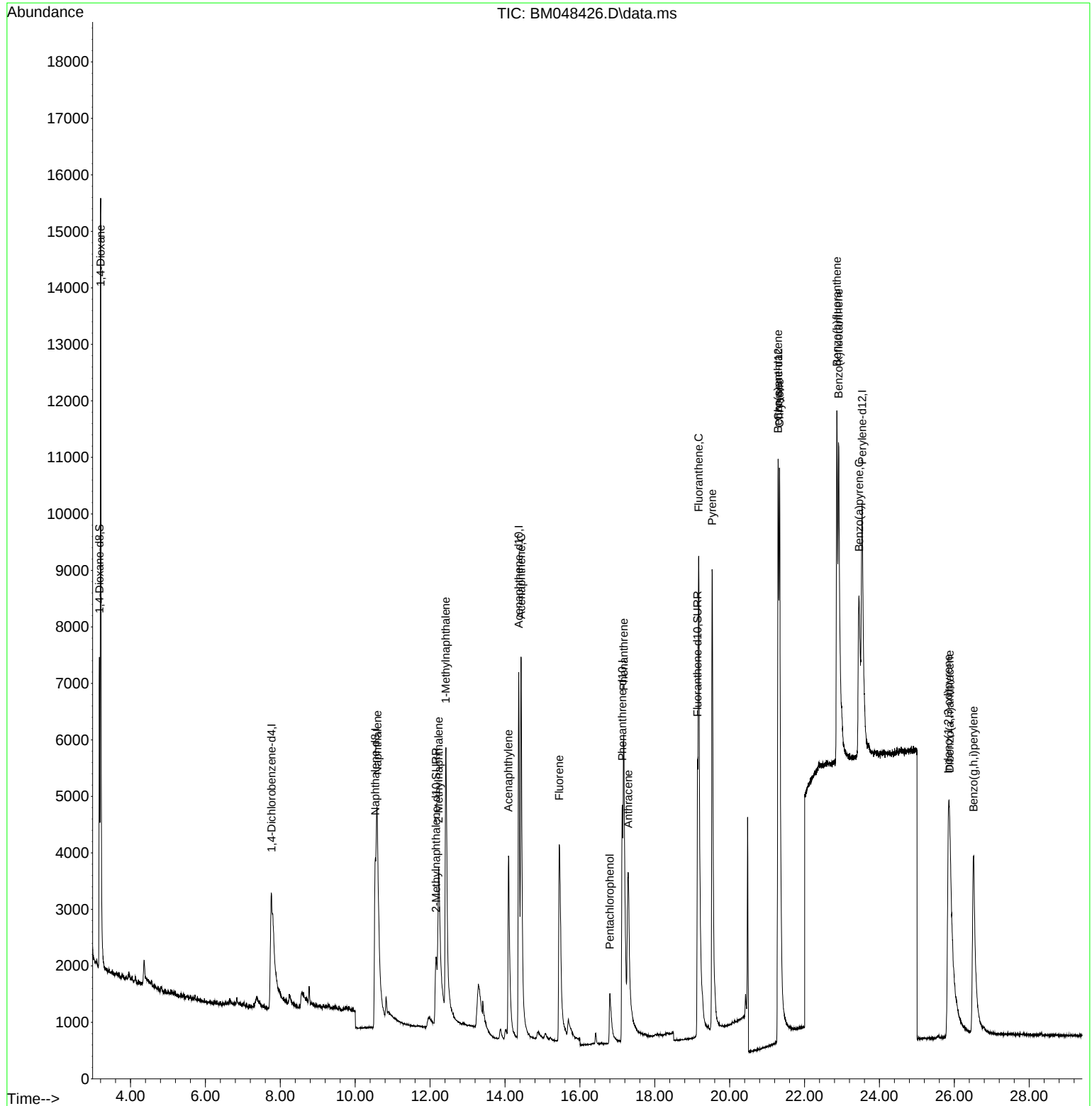
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	3398	0.400	ng/ul	0.02
4) Naphthalene-d8	10.535	136	12239	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.368	164	6632	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.133	188	12574	0.400	ng/ul	0.01
17) Chrysene-d12	21.298	240	9680	0.400	ng/ul	0.00
23) Perylene-d12	23.539	264	9720	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	3551	0.851	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	5128	0.329	ng/ul	0.02
18) Fluoranthene-d10	19.142	212	10827	0.441	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.202	88	9625	2.126	ng/ul#	83
5) Naphthalene	10.590	128	10168	0.318	ng/ul	97
7) 2-Methylnaphthalene	12.229	142	5285	0.278	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	7299	0.360	ng/ul	98
10) Acenaphthylene	14.095	152	7839	0.306	ng/ul	98
11) Acenaphthene	14.433	153	6651	0.324	ng/ul	98
12) Fluorene	15.450	166	6518	0.285	ng/ul	98
14) Pentachlorophenol	16.799	266	1743	0.498	ng/ul	92
15) Phenanthrene	17.171	178	9072	0.290	ng/ul	98
16) Anthracene	17.289	178	8012	0.274	ng/ul	97
19) Fluoranthene	19.174	202	12985	0.389	ng/ul	97
20) Pyrene	19.532	202	13913	0.388	ng/ul	97
21) Benzo(a)anthracene	21.292	228	7999	0.276	ng/ul	98
22) Chrysene	21.333	228	15126	0.379	ng/ul	100
24) Benzo(b)fluoranthene	22.864	252	10763	0.324	ng/ul	93
25) Benzo(k)fluoranthene	22.908	252	13670	0.348	ng/ul#	91
26) Benzo(a)pyrene	23.455	252	10502	0.337	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.839	276	13086	0.300	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.876	278	9786	0.288	ng/ul#	89
29) Benzo(g,h,i)perylene	26.513	276	11435	0.311	ng/ul	97

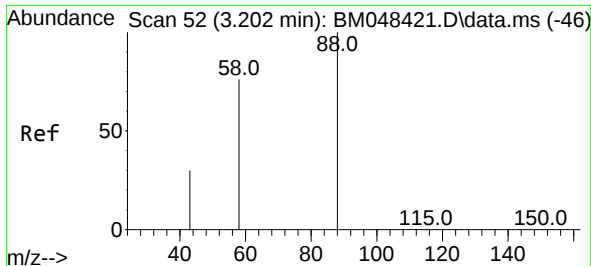
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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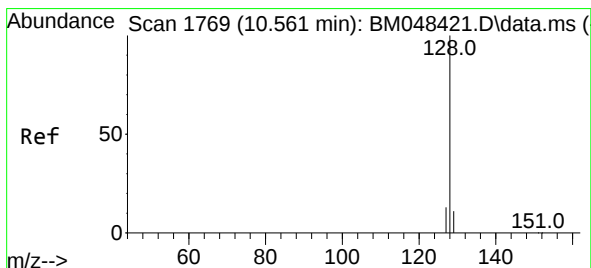
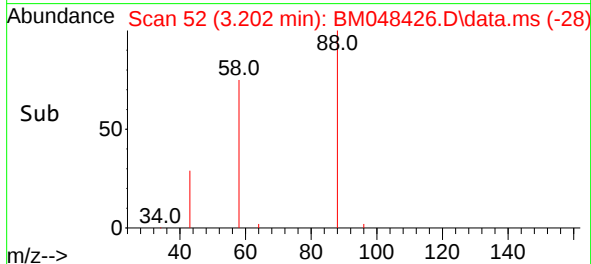
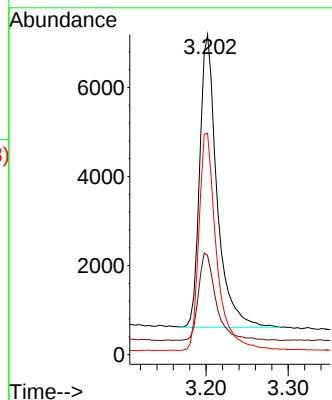
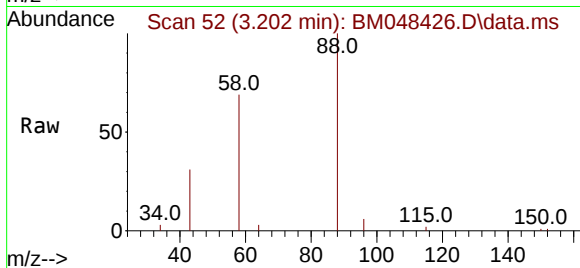




#2
1,4-Dioxane
Concen: 2.126 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

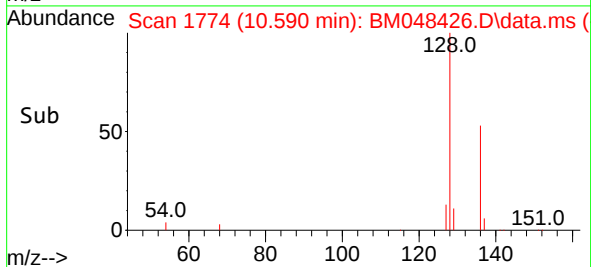
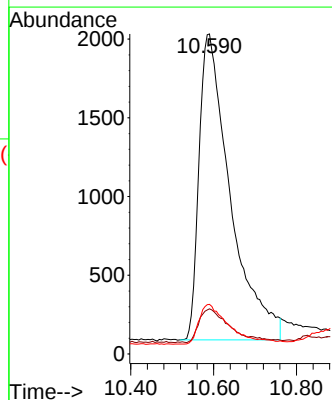
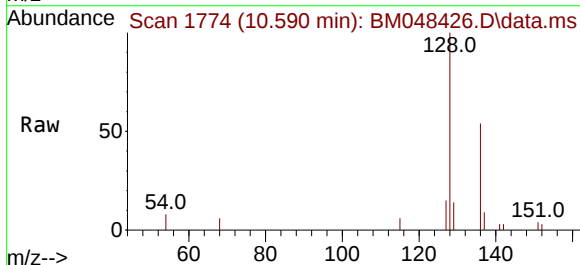
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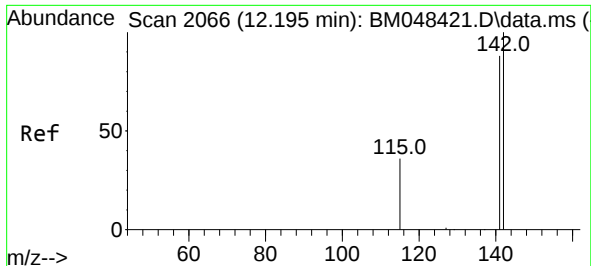
Tgt Ion: 88 Resp: 9625
Ion Ratio Lower Upper
88 100
43 31.0 36.2 54.4#
58 69.2 47.4 71.0



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.590 min Scan# 1774
Delta R.T. 0.011 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

Tgt Ion: 128 Resp: 10168
Ion Ratio Lower Upper
128 100
129 14.1 10.6 15.8
127 15.5 11.4 17.2

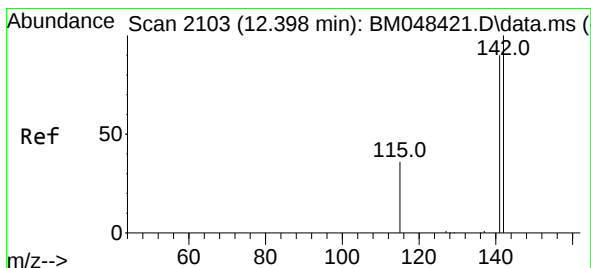
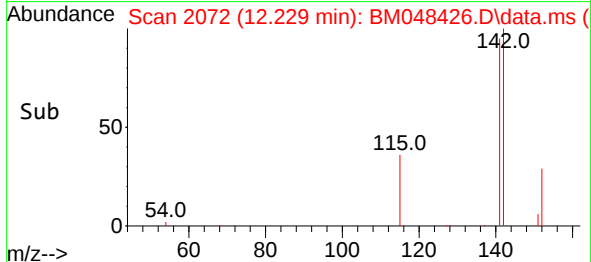
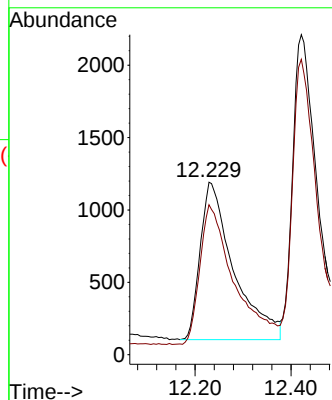
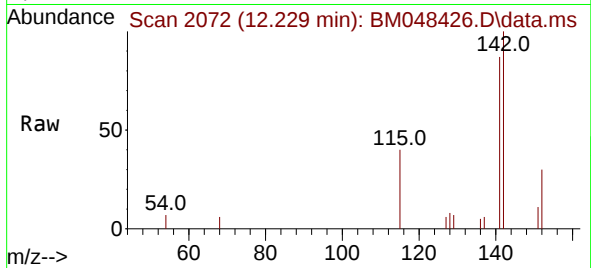




#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.229 min Scan# 2066
Delta R.T. 0.016 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

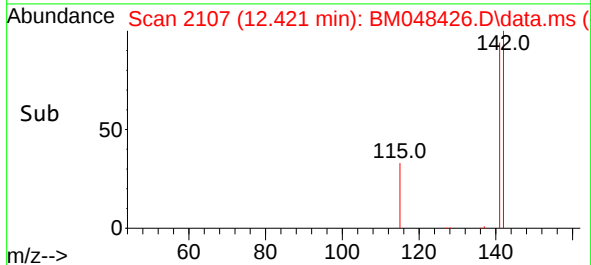
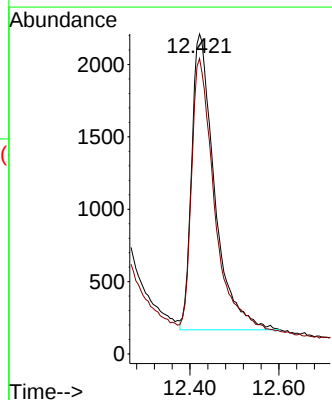
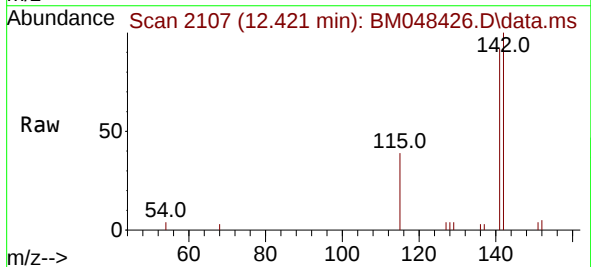
Instrument :
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ClientSampleId :
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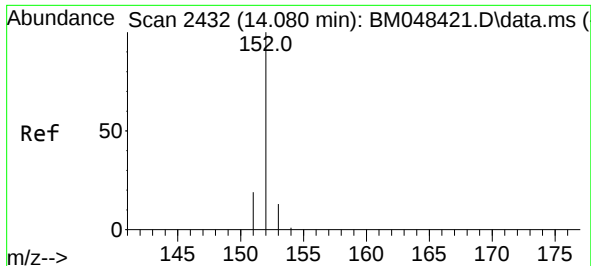
Tgt Ion:142 Resp: 5285
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.421 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

Tgt Ion:142 Resp: 7299
Ion Ratio Lower Upper
142 100
141 92.9 75.5 113.3

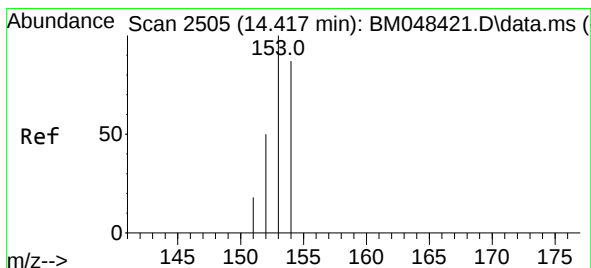
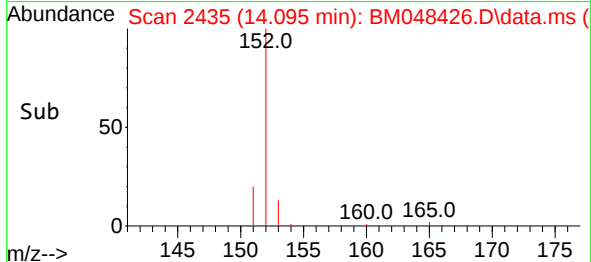
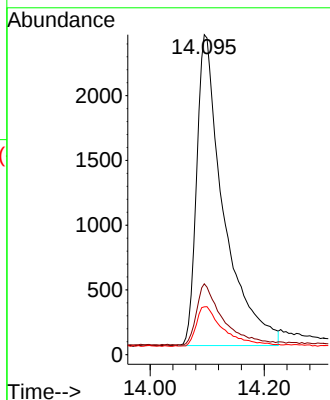
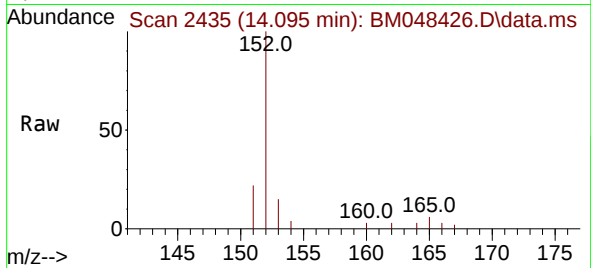




#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 14.095 min Scan# 2435
Delta R.T. 0.005 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

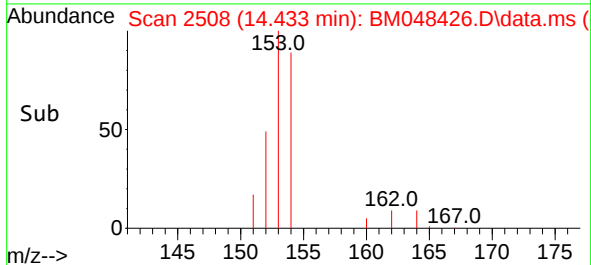
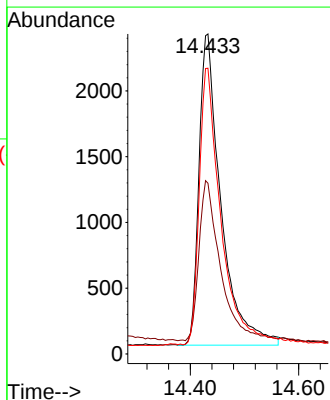
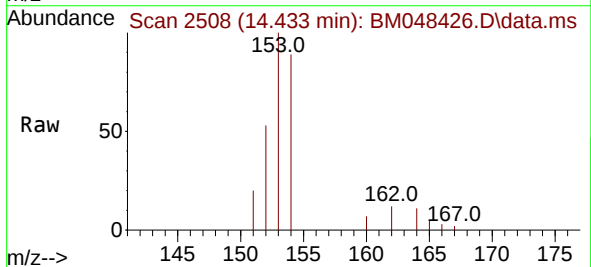
Instrument :
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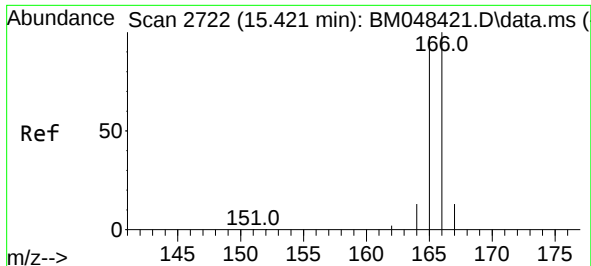
Tgt Ion:152 Resp: 7839
Ion Ratio Lower Upper
152 100
151 22.1 16.6 24.8
153 15.0 11.8 17.6



#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.433 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

Tgt Ion:153 Resp: 6651
Ion Ratio Lower Upper
153 100
152 53.3 40.7 61.1
154 89.3 70.6 106.0

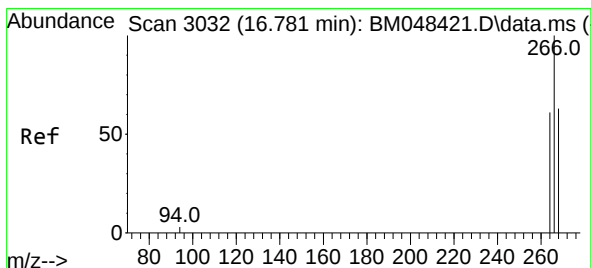
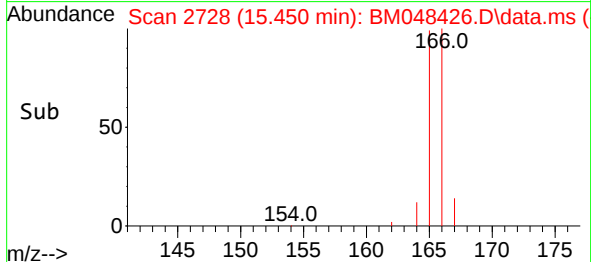
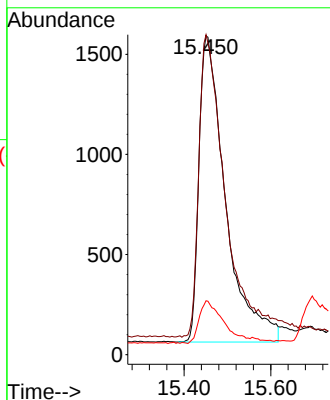
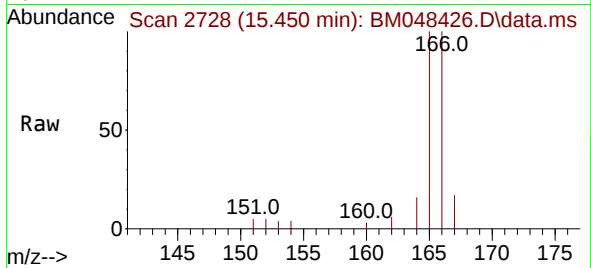




#12
Fluorene
Concen: 0.285 ng/ul
RT: 15.450 min Scan# 21
Delta R.T. 0.019 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

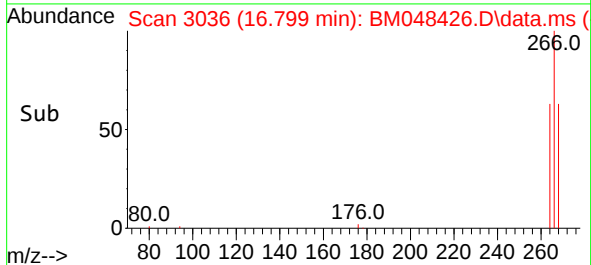
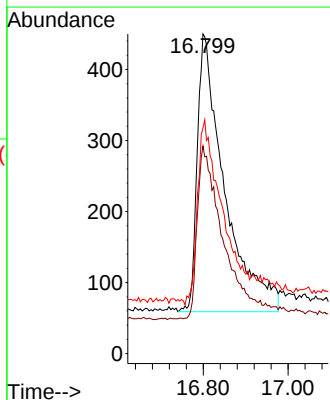
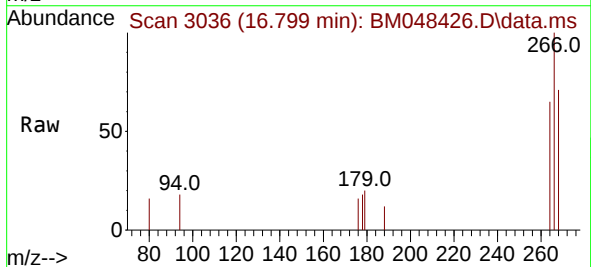
Instrument :
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ClientSampleId :
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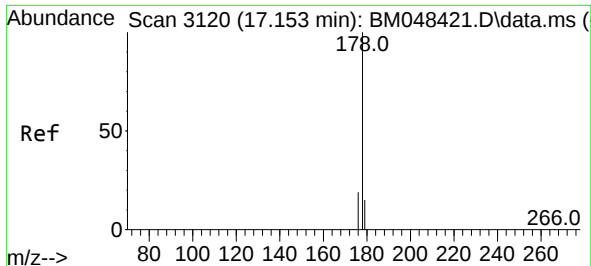
Tgt Ion:166 Resp: 6518
Ion Ratio Lower Upper
166 100
165 100.4 78.6 118.0
167 16.9 12.1 18.1



#14
Pentachlorophenol
Concen: 0.498 ng/ul
RT: 16.799 min Scan# 3036
Delta R.T. 0.013 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

Tgt Ion:266 Resp: 1743
Ion Ratio Lower Upper
266 100
264 60.8 48.3 72.5
268 69.1 46.2 69.4

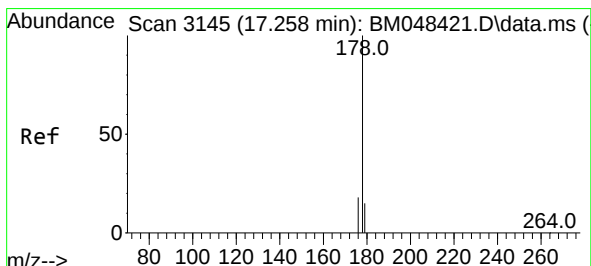
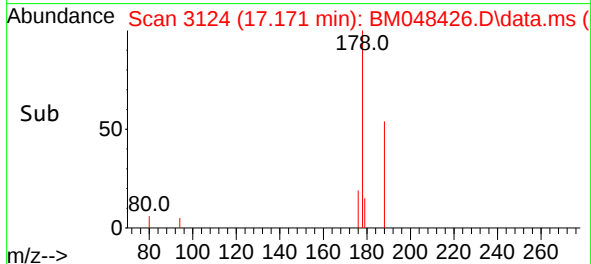
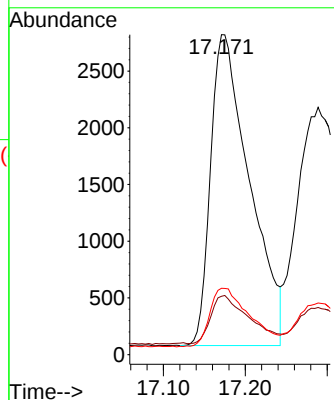
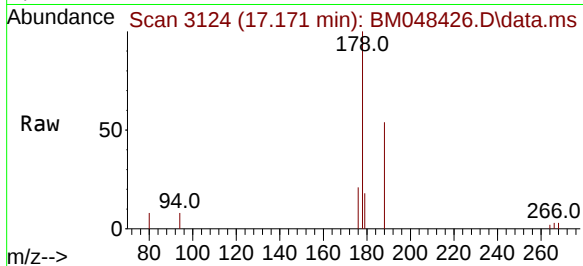




#15
Phenanthrene
Concen: 0.290 ng/ul
RT: 17.171 min Scan# 3124
Delta R.T. 0.013 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

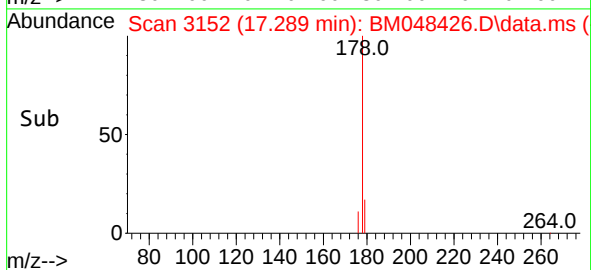
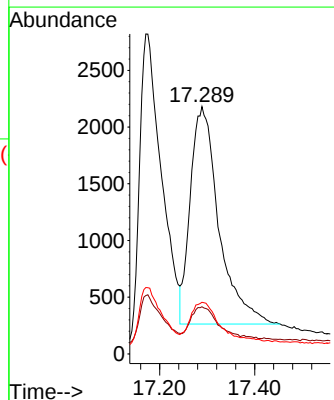
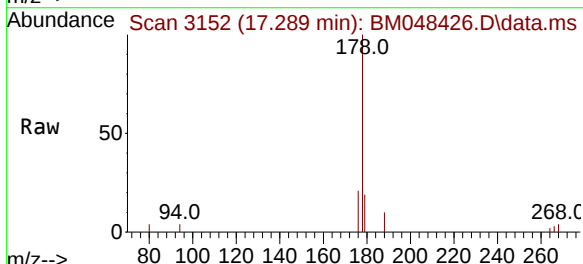
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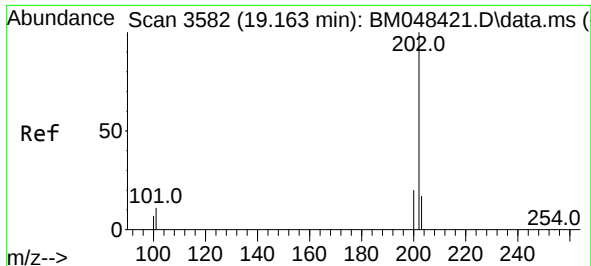
Tgt Ion:178 Resp: 9072
Ion Ratio Lower Upper
178 100
179 18.3 13.9 20.9
176 20.7 16.0 24.0



#16
Anthracene
Concen: 0.274 ng/ul
RT: 17.289 min Scan# 3152
Delta R.T. 0.030 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

Tgt Ion:178 Resp: 8012
Ion Ratio Lower Upper
178 100
179 19.1 14.2 21.2
176 20.9 15.8 23.6





#19

Fluoranthene

Concen: 0.389 ng/u1

RT: 19.174 min Scan# 3582

Delta R.T. 0.005 min

Lab File: BM048426.D

Acq: 04 Nov 2024 14:45

Instrument :

BNA_M

ClientSampleId :

SLCS490

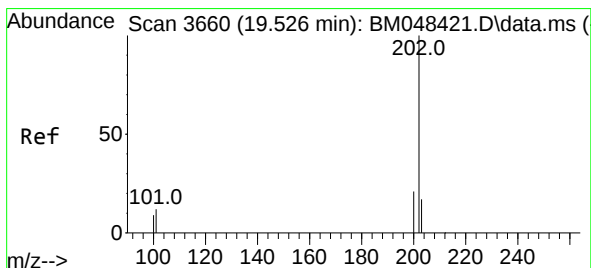
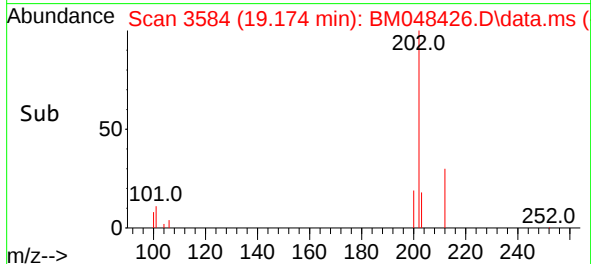
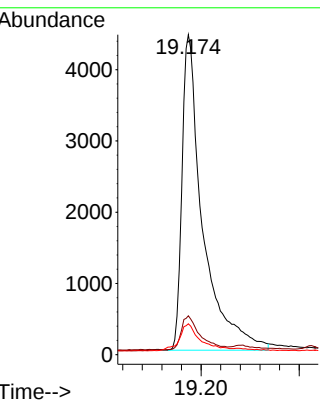
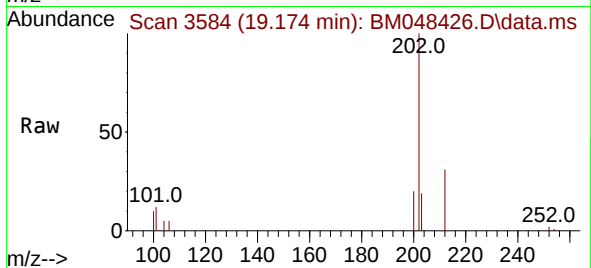
Tgt Ion:202 Resp: 12985

Ion Ratio Lower Upper

202 100

101 12.2 9.0 13.4

100 9.7 6.6 10.0



#20

Pyrene

Concen: 0.388 ng/u1

RT: 19.532 min Scan# 3661

Delta R.T. 0.000 min

Lab File: BM048426.D

Acq: 04 Nov 2024 14:45

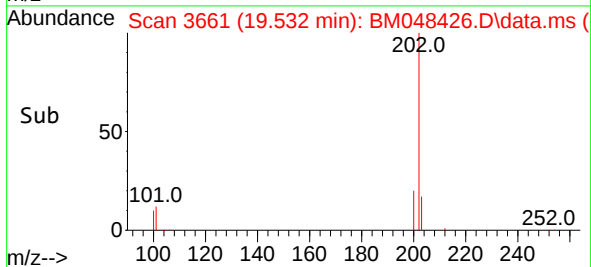
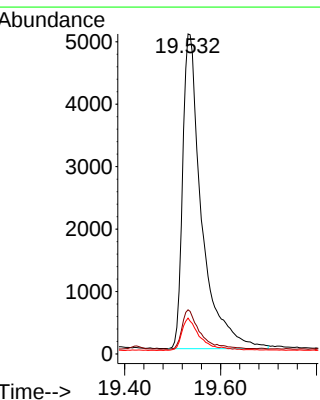
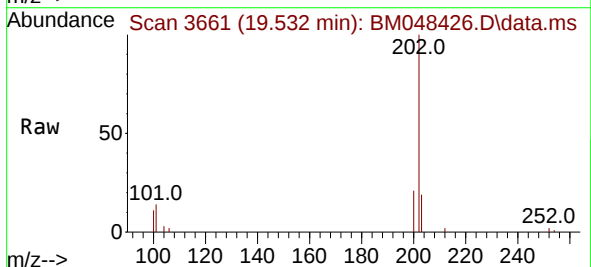
Tgt Ion:202 Resp: 13913

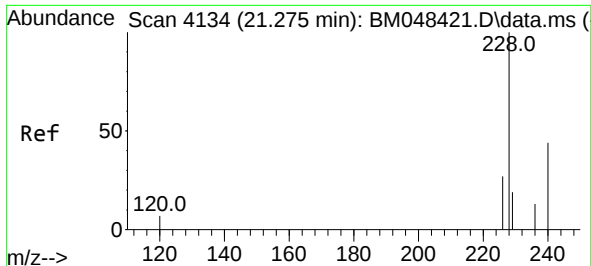
Ion Ratio Lower Upper

202 100

101 13.8 10.0 15.0

100 11.2 8.0 12.0

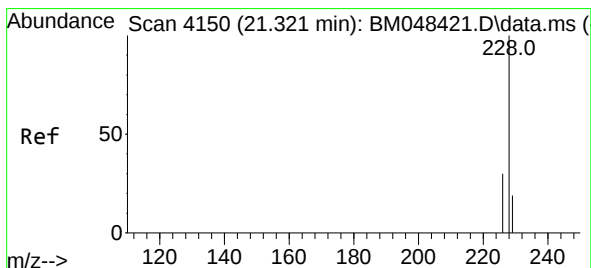
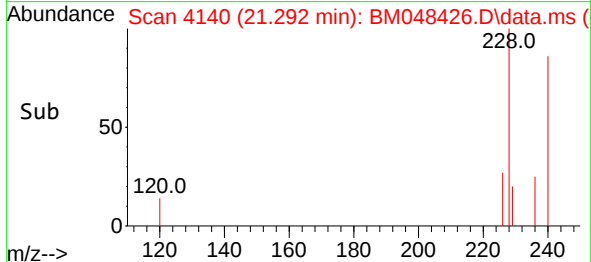
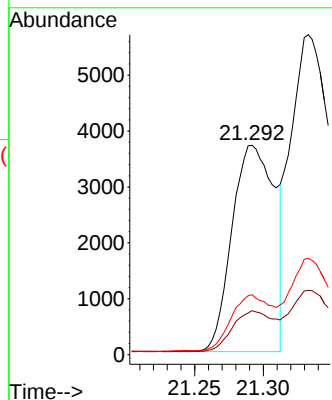
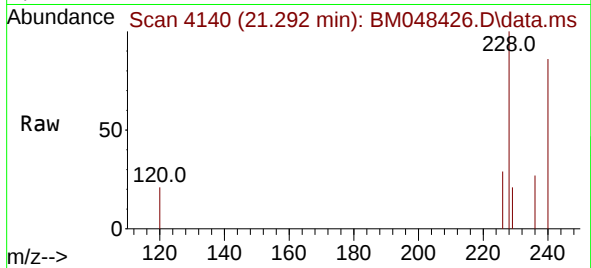




#21
Benzo(a)anthracene
Concen: 0.276 ng/ul
RT: 21.292 min Scan# 4140
Delta R.T. 0.012 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

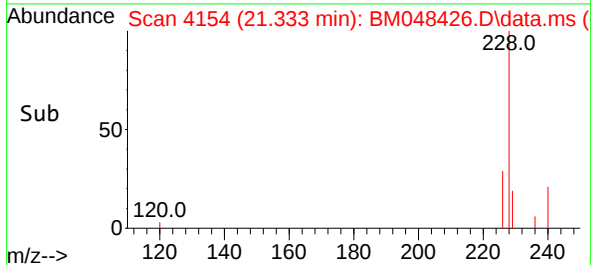
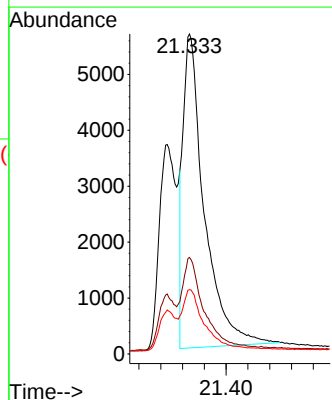
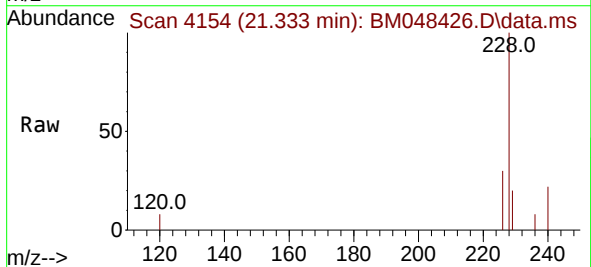
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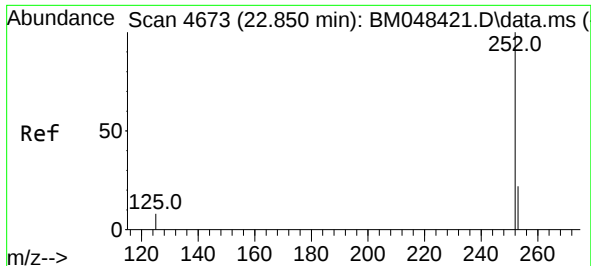
Tgt Ion:228 Resp: 7999
Ion Ratio Lower Upper
228 100
229 21.0 15.9 23.9
226 28.7 22.1 33.1



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.333 min Scan# 4154
Delta R.T. 0.006 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

Tgt Ion:228 Resp: 15126
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 20.1 15.9 23.9

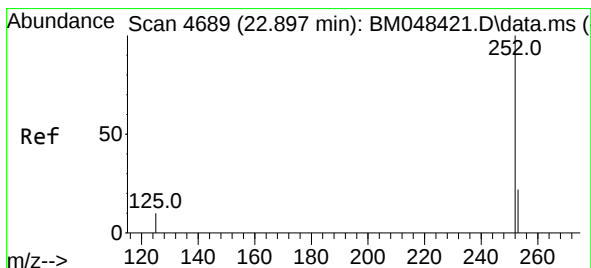
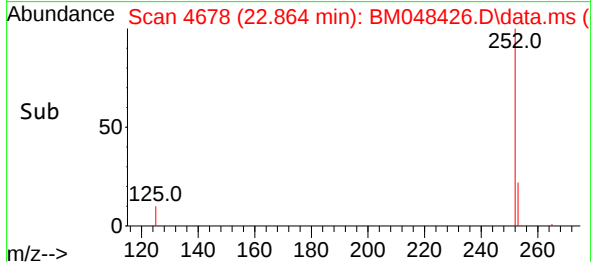
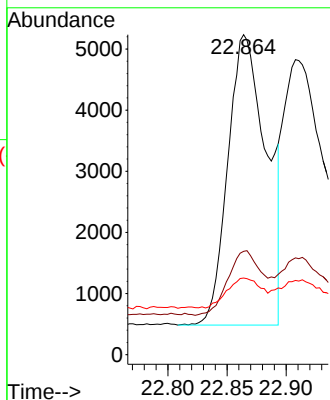
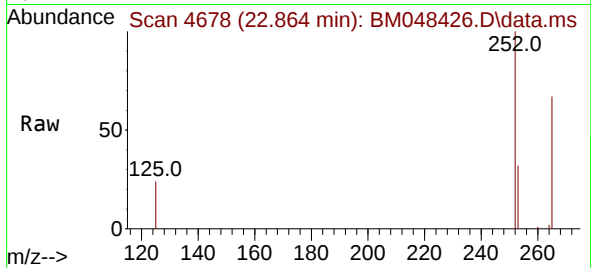




#24
Benzo(b)fluoranthene
Concen: 0.324 ng/ul
RT: 22.864 min Scan# 4678
Delta R.T. 0.003 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

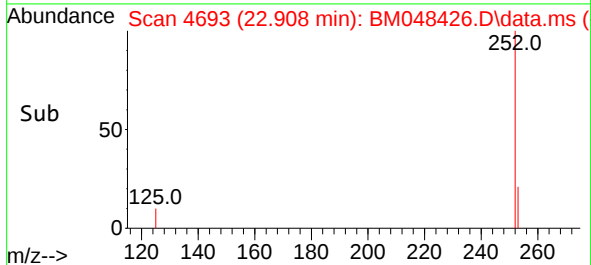
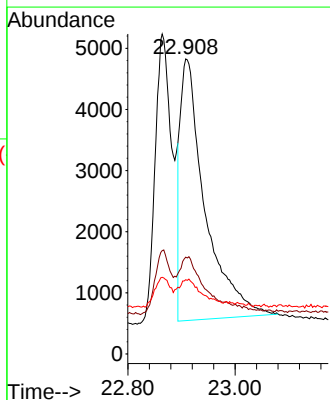
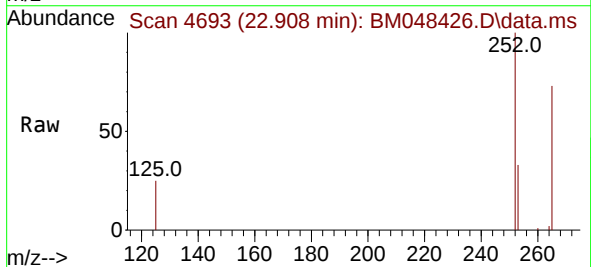
Instrument :
BNA_M
ClientSampleId :
SLCS490

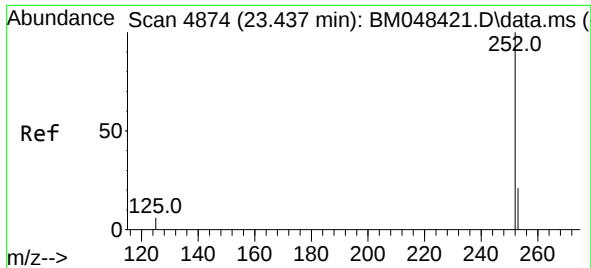
Tgt Ion:252 Resp: 10763
Ion Ratio Lower Upper
252 100
253 32.3 0.0 59.4
125 23.9 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 22.908 min Scan# 4693
Delta R.T. 0.003 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

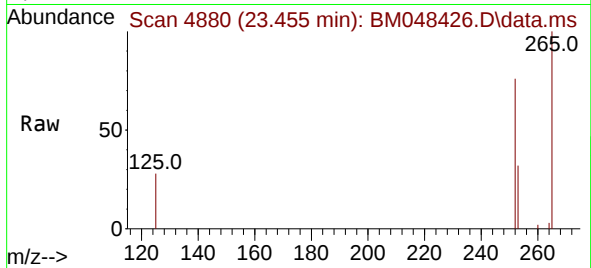
Tgt Ion:252 Resp: 13670
Ion Ratio Lower Upper
252 100
253 32.8 23.4 35.0
125 25.2 15.3 22.9#



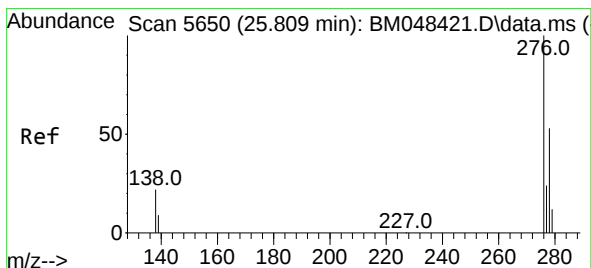
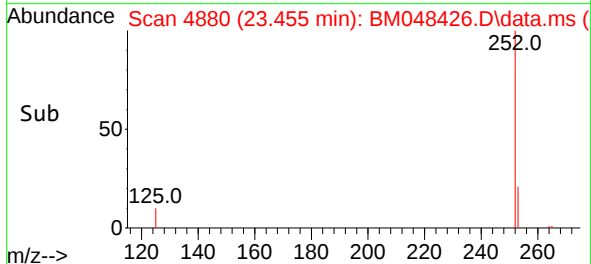
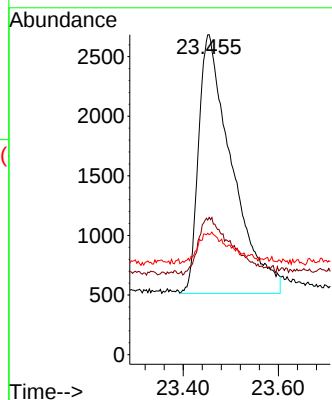


#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.455 min Scan# 4880
Delta R.T. 0.015 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

Instrument :
BNA_M
ClientSampleId :
SLCS490

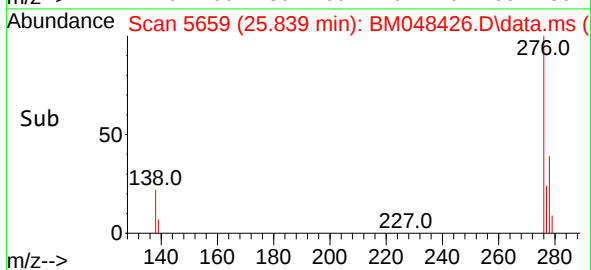
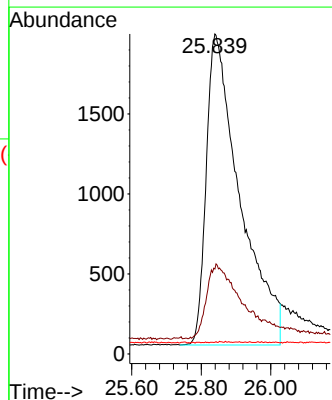
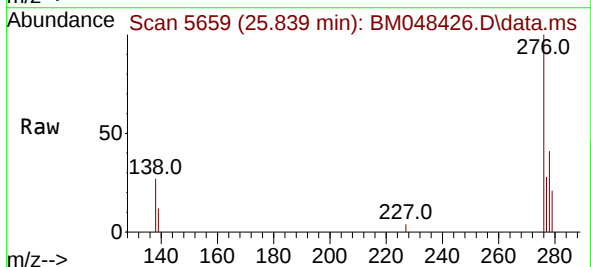


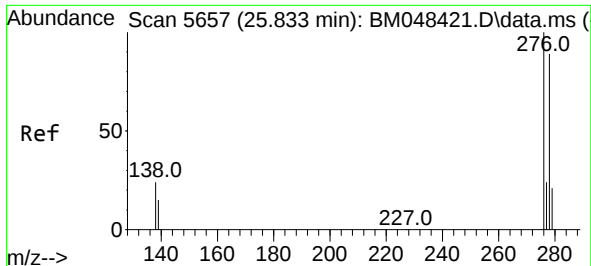
Tgt Ion:252 Resp: 10502
Ion Ratio Lower Upper
252 100
253 42.9 27.7 41.5#
125 37.5 21.1 31.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.300 ng/ul
RT: 25.839 min Scan# 5659
Delta R.T. 0.027 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

Tgt Ion:276 Resp: 13086
Ion Ratio Lower Upper
276 100
138 25.6 19.6 29.4
227 0.0 0.1 0.1#

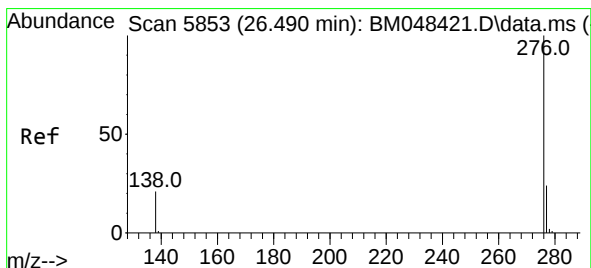
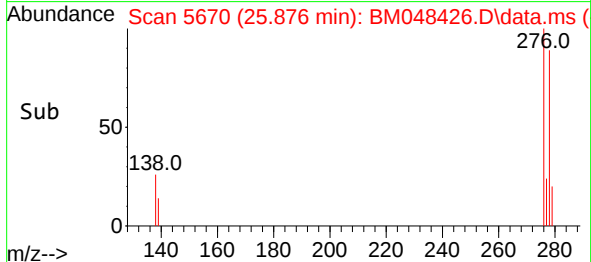
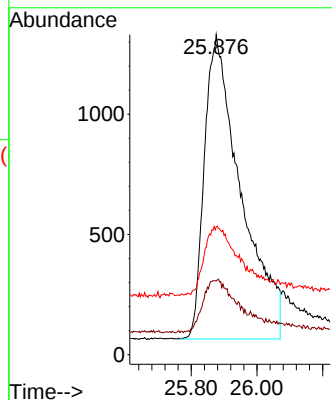
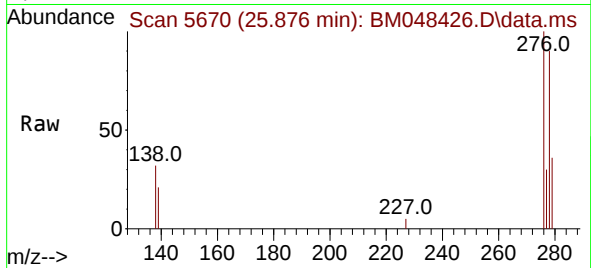




#28
Dibenzo(a,h)anthracene
Concen: 0.288 ng/ul
RT: 25.876 min Scan# 5670
Delta R.T. 0.040 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

Instrument :
BNA_M
ClientSampleId :
SLCS490

Tgt Ion:278 Resp: 9786
Ion Ratio Lower Upper
278 100
139 23.0 15.6 23.4
279 39.9 26.4 39.6#



#29
Benzo(g,h,i)perylene
Concen: 0.311 ng/ul
RT: 26.513 min Scan# 5860
Delta R.T. 0.013 min
Lab File: BM048426.D
Acq: 04 Nov 2024 14:45

Tgt Ion:276 Resp: 11435
Ion Ratio Lower Upper
276 100
138 25.8 19.0 28.6
277 26.8 20.6 31.0

