

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
 Data File : BM048425.D
 Acq On : 04 Nov 2024 14:09
 Operator : RC/JU
 Sample : PB164424BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS424

Quant Time: Nov 04 14:54:39 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

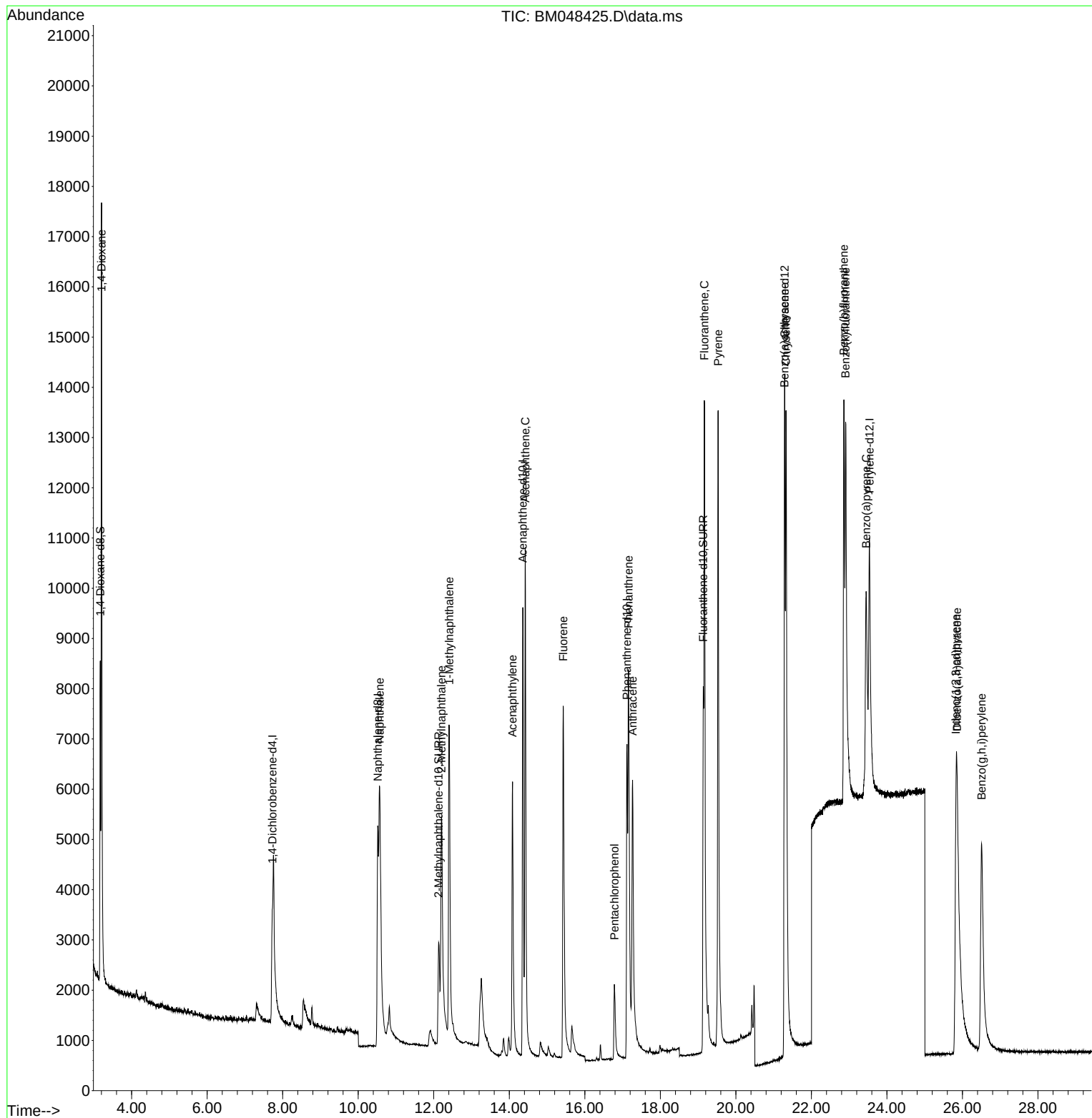
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.729	152	4194	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.518	136	13287	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.359	164	7110	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.116	188	14013	0.400	ng/ul	0.00
17) Chrysene-d12	21.295	240	10548	0.400	ng/ul	0.00
23) Perylene-d12	23.536	264	10036	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	4146	0.805	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.130	152	6376	0.377	ng/ul	-0.01
18) Fluoranthene-d10	19.137	212	12984	0.485	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	10663	1.908	ng/ul#	83
5) Naphthalene	10.568	128	12759	0.367	ng/ul	99
7) 2-Methylnaphthalene	12.207	142	7228	0.350	ng/ul	99
8) 1-Methylnaphthalene	12.410	142	8069	0.366	ng/ul	97
10) Acenaphthylene	14.086	152	10153	0.369	ng/ul	99
11) Acenaphthene	14.423	153	8302	0.377	ng/ul	99
12) Fluorene	15.427	166	8808	0.360	ng/ul	99
14) Pentachlorophenol	16.782	266	1992	0.511	ng/ul	92
15) Phenanthrene	17.158	178	12756	0.366	ng/ul	99
16) Anthracene	17.264	178	11308	0.347	ng/ul	99
19) Fluoranthene	19.169	202	16562	0.455	ng/ul	99
20) Pyrene	19.532	202	17606	0.451	ng/ul	99
21) Benzo(a)anthracene	21.286	228	11049	0.350	ng/ul	100
22) Chrysene	21.327	228	19212	0.442	ng/ul	99
24) Benzo(b)fluoranthene	22.861	252	12899	0.376	ng/ul	97
25) Benzo(k)fluoranthene	22.905	252	16910	0.416	ng/ul	96
26) Benzo(a)pyrene	23.451	252	12761	0.396	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.829	276	16418	0.365	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.859	278	12659	0.360	ng/ul	94
29) Benzo(g,h,i)perylene	26.510	276	14556	0.383	ng/ul	99

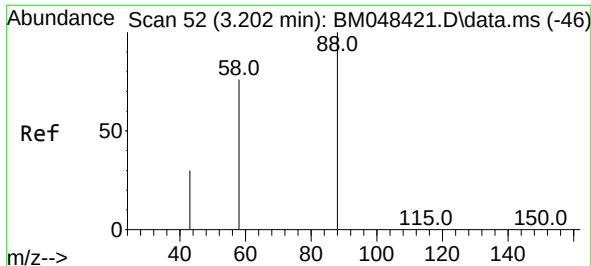
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

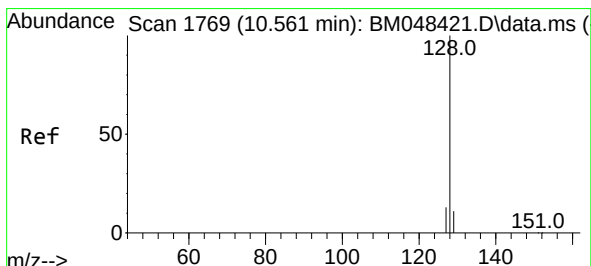
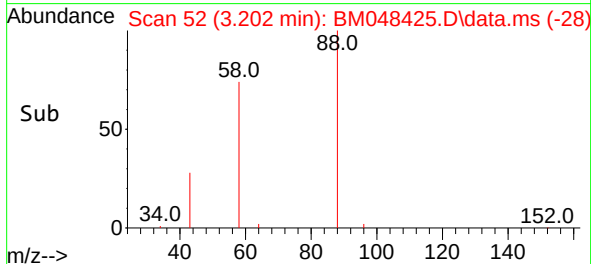
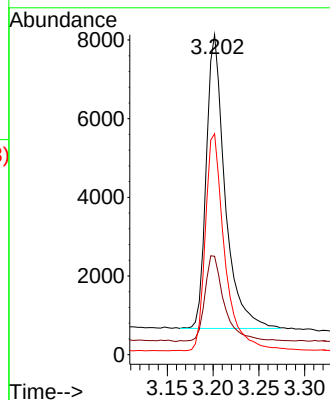
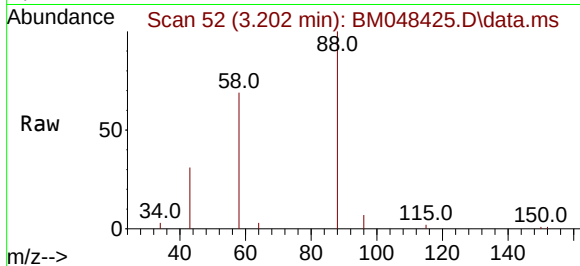




#2
 1,4-Dioxane
 Concen: 1.908 ng/ul
 RT: 3.202 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM048425.D
 Acq: 04 Nov 2024 14:09

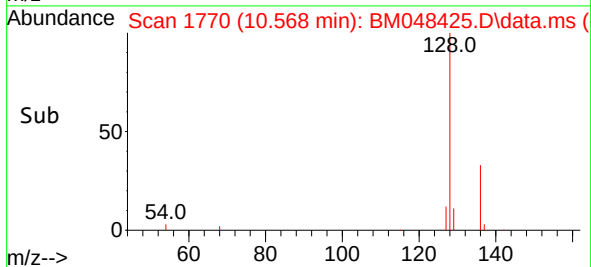
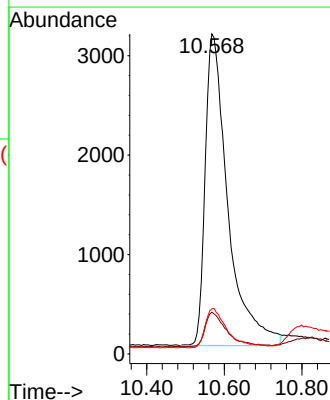
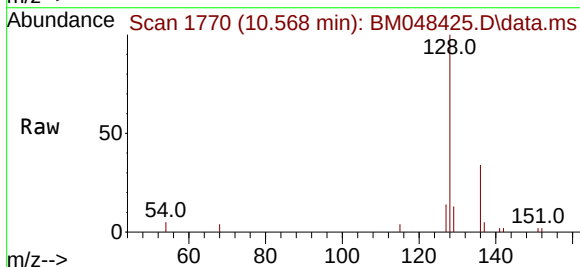
Instrument :
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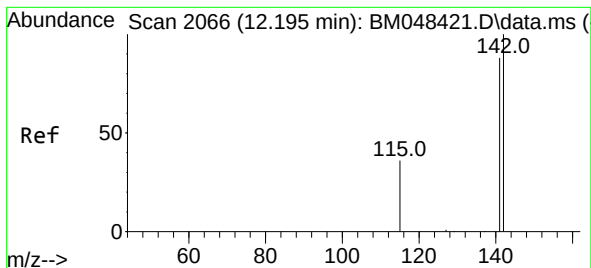
Tgt Ion: 88 Resp: 10663
 Ion Ratio Lower Upper
 88 100
 43 30.7 36.2 54.4#
 58 69.1 47.4 71.0



#5
 Naphthalene
 Concen: 0.367 ng/ul
 RT: 10.568 min Scan# 1770
 Delta R.T. -0.011 min
 Lab File: BM048425.D
 Acq: 04 Nov 2024 14:09

Tgt Ion: 128 Resp: 12759
 Ion Ratio Lower Upper
 128 100
 129 13.0 10.6 15.8
 127 14.1 11.4 17.2

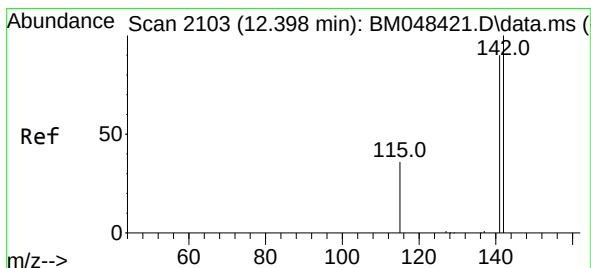
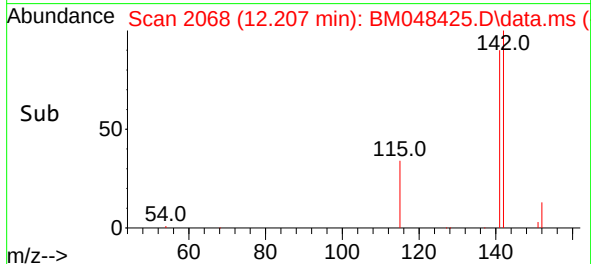
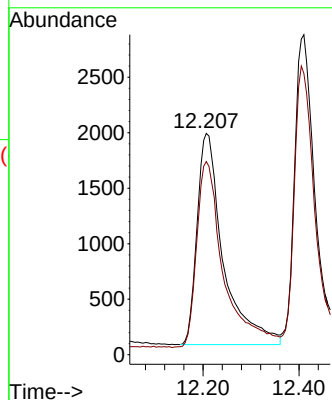
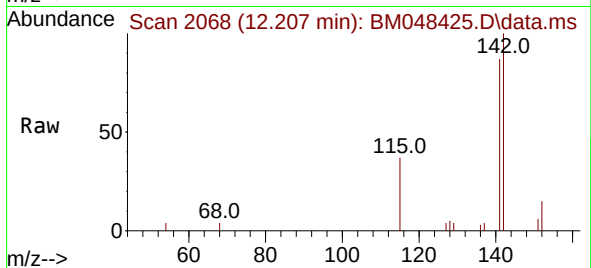




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

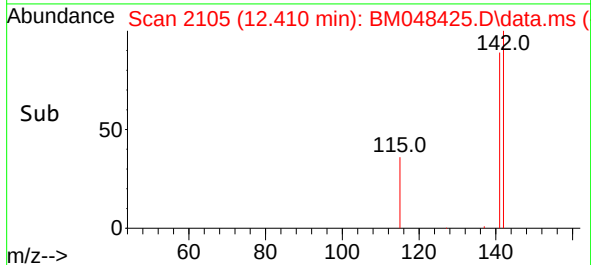
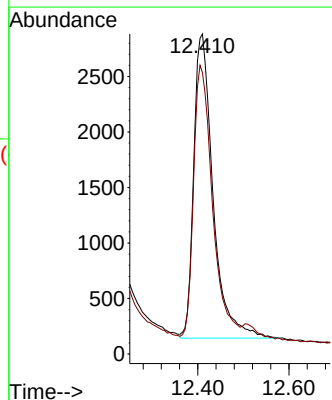
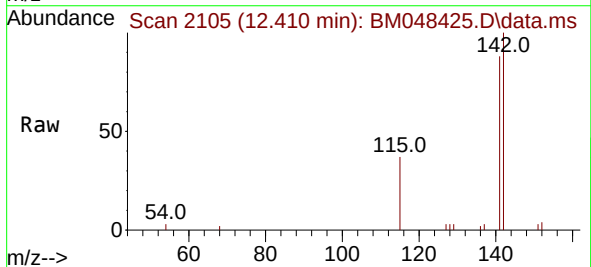
Instrument :
BNA_M
ClientSampleId :
SLCS424

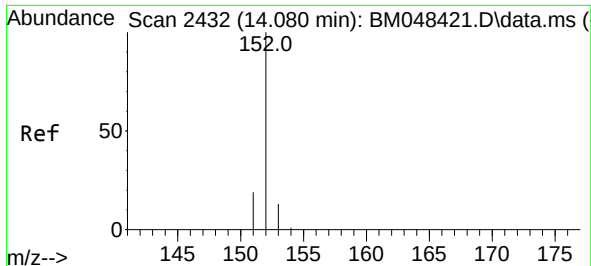
Tgt Ion:142 Resp: 7228
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.410 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

Tgt Ion:142 Resp: 8069
Ion Ratio Lower Upper
142 100
141 91.7 75.5 113.3

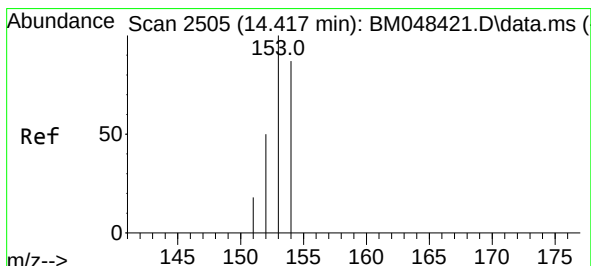
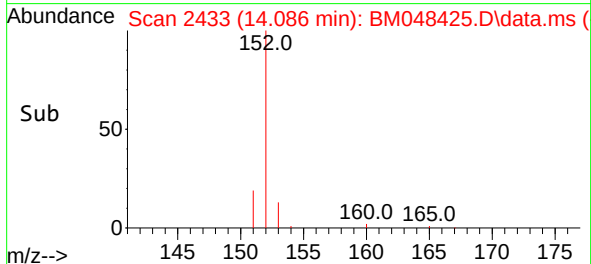
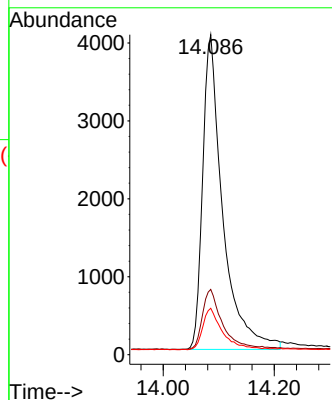
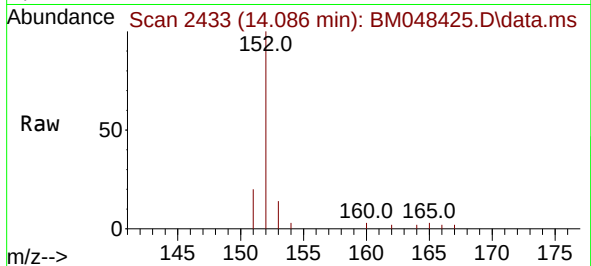




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.086 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

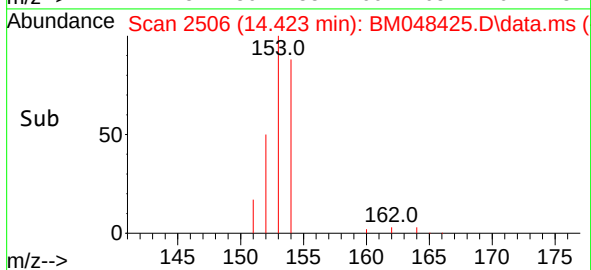
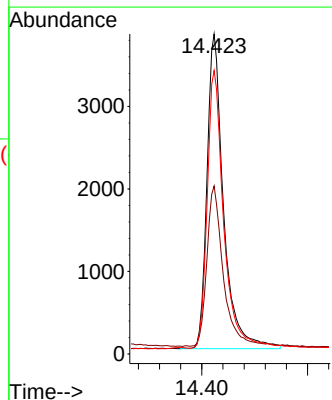
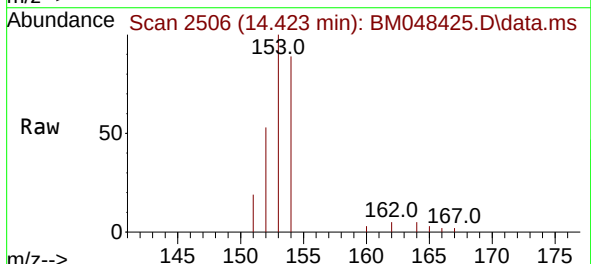
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ClientSampleId :
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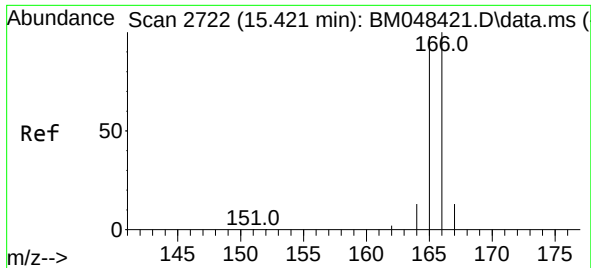
Tgt Ion:152 Resp: 10153
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 14.5 11.8 17.6



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.423 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

Tgt Ion:153 Resp: 8302
Ion Ratio Lower Upper
153 100
152 52.5 40.7 61.1
154 88.6 70.6 106.0

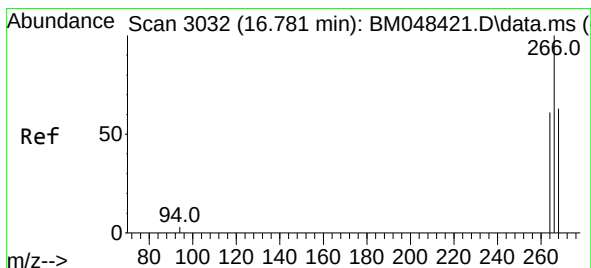
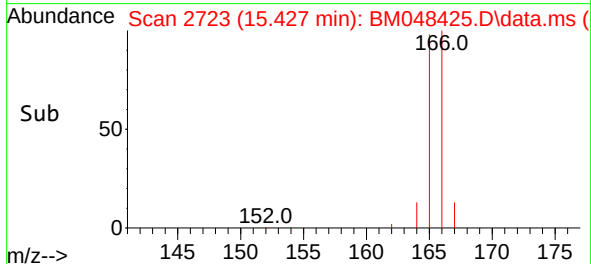
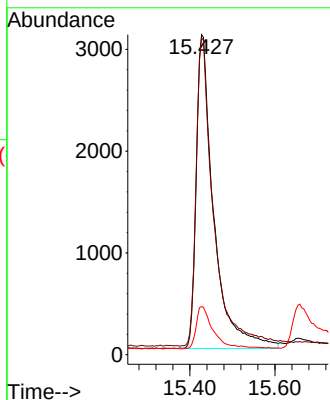
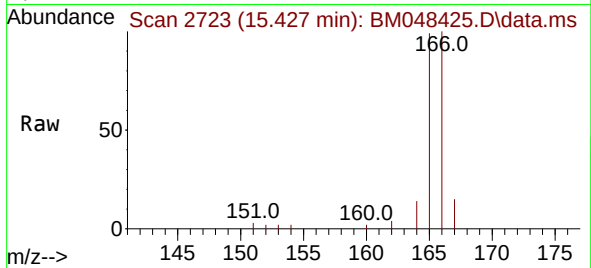




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.427 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

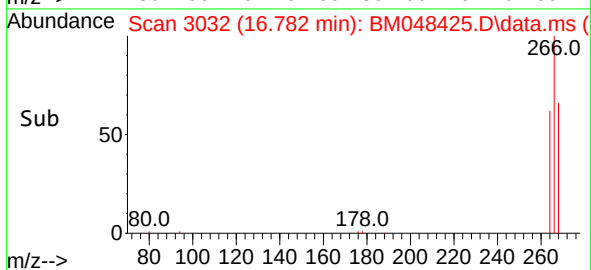
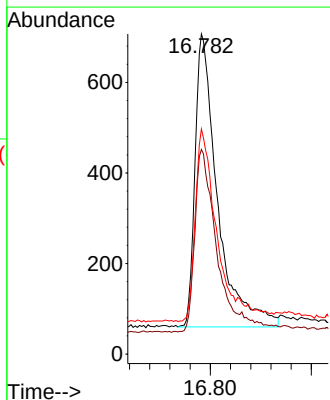
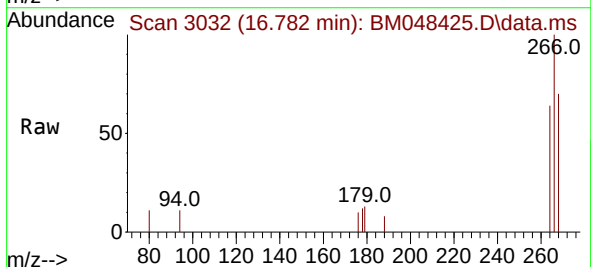
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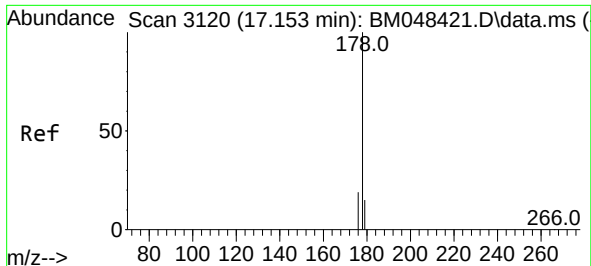
Tgt Ion:166 Resp: 8808
Ion Ratio Lower Upper
166 100
165 99.1 78.6 118.0
167 15.0 12.1 18.1



#14
Pentachlorophenol
Concen: 0.511 ng/ul
RT: 16.782 min Scan# 3032
Delta R.T. -0.004 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

Tgt Ion:266 Resp: 1992
Ion Ratio Lower Upper
266 100
264 63.4 48.3 72.5
268 67.1 46.2 69.4

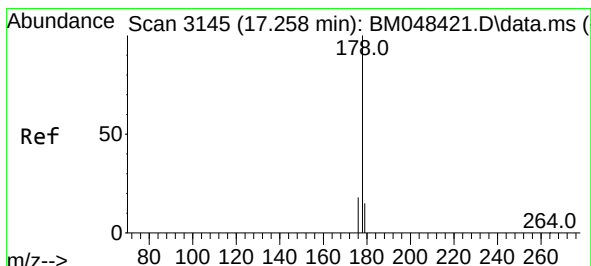
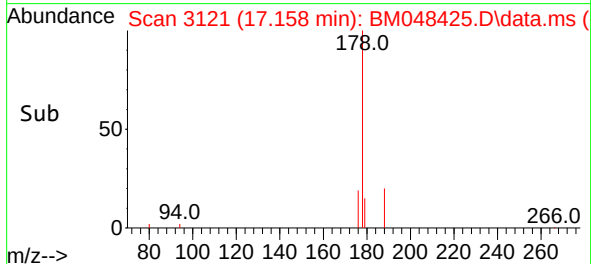
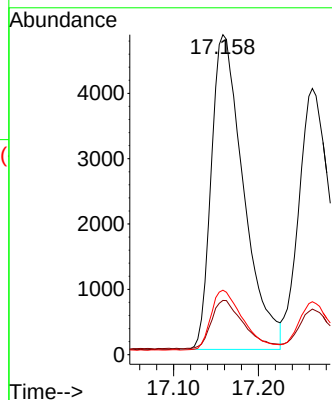
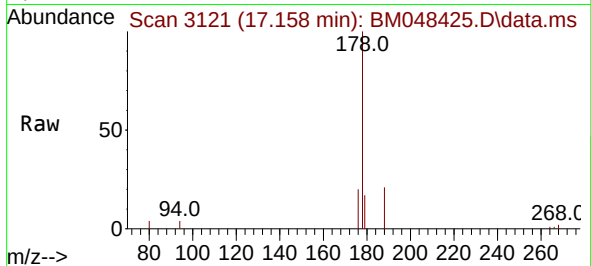




#15
Phenanthrene
Concen: 0.366 ng/ul
RT: 17.158 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

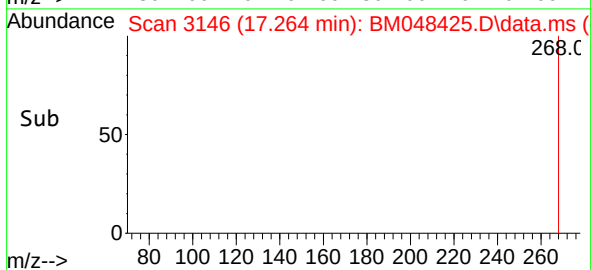
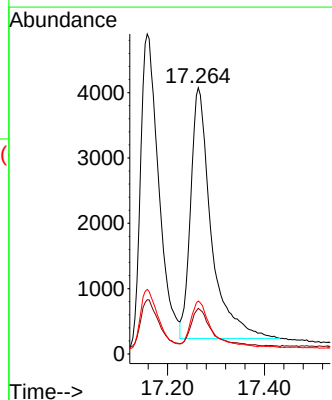
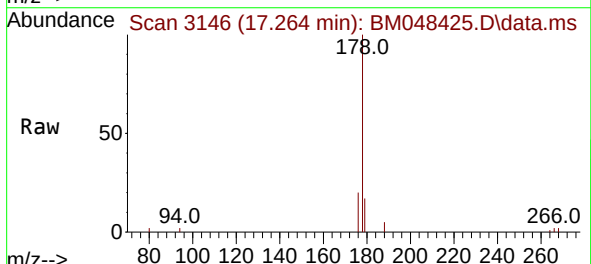
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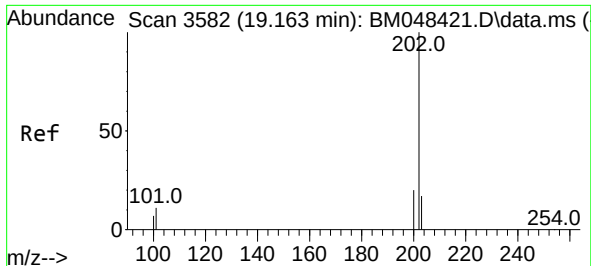
Tgt Ion:178 Resp: 12756
Ion Ratio Lower Upper
178 100
179 16.9 13.9 20.9
176 20.1 16.0 24.0



#16
Anthracene
Concen: 0.347 ng/ul
RT: 17.264 min Scan# 3146
Delta R.T. 0.004 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

Tgt Ion:178 Resp: 11308
Ion Ratio Lower Upper
178 100
179 17.1 14.2 21.2
176 19.9 15.8 23.6

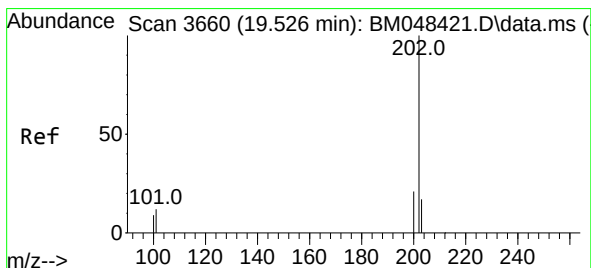
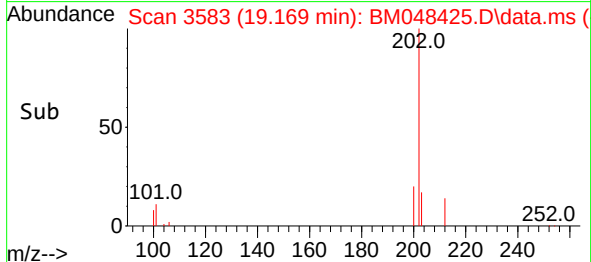
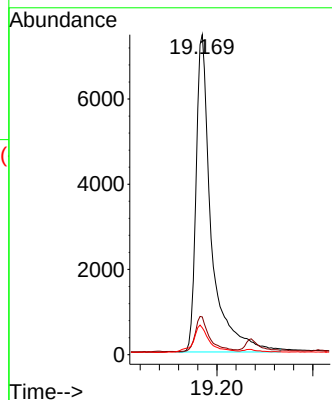
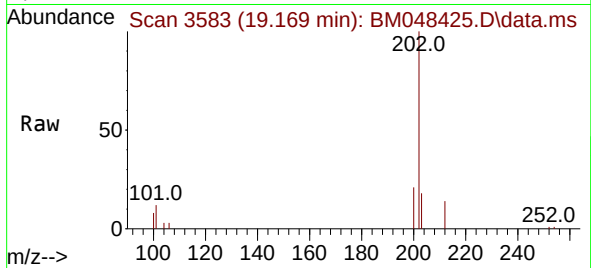




#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.169 min Scan# 3582
Delta R.T. -0.000 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

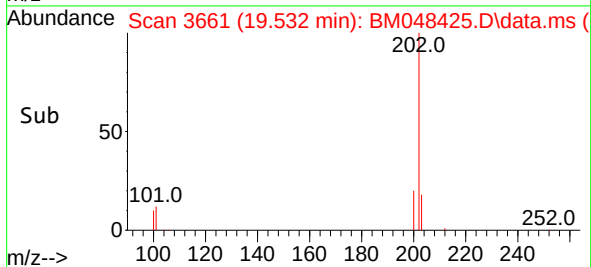
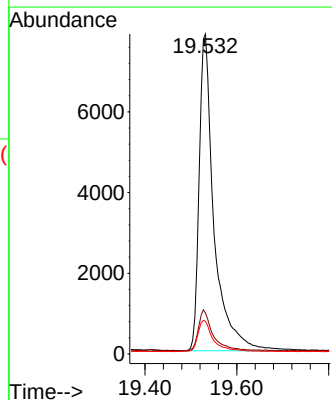
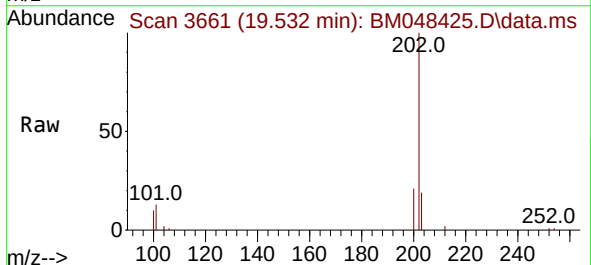
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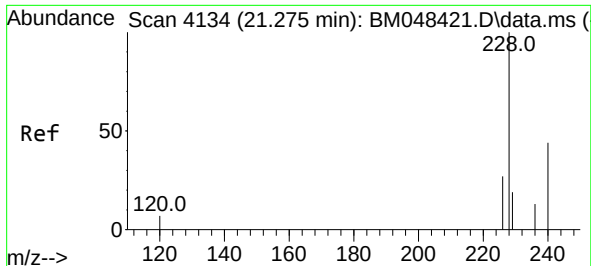
Tgt Ion:202 Resp: 16562
Ion Ratio Lower Upper
202 100
101 11.8 9.0 13.4
100 8.4 6.6 10.0



#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.532 min Scan# 3661
Delta R.T. -0.000 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

Tgt Ion:202 Resp: 17606
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 10.2 8.0 12.0

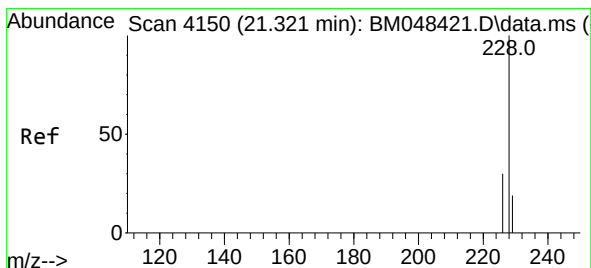
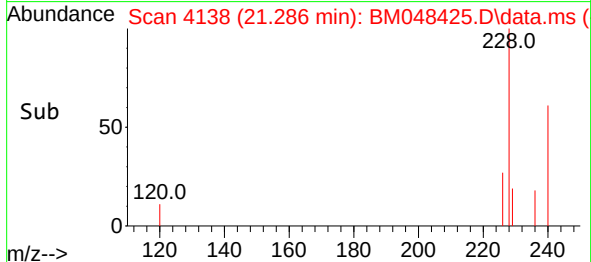
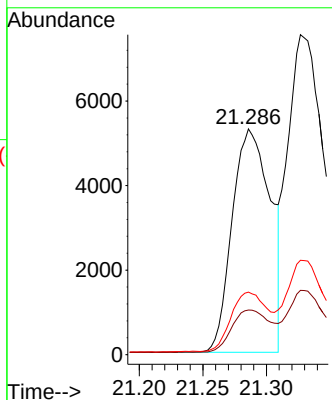
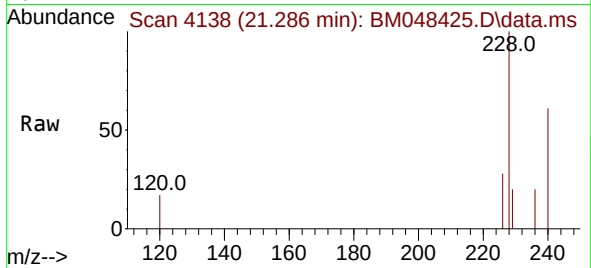




#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.286 min Scan# 4138
Delta R.T. 0.006 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

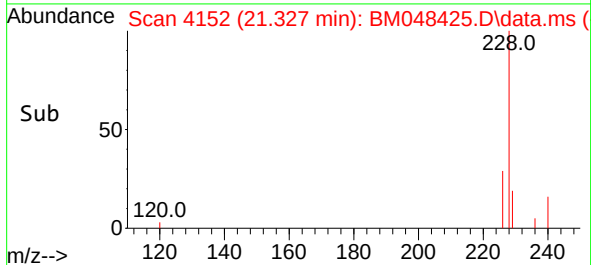
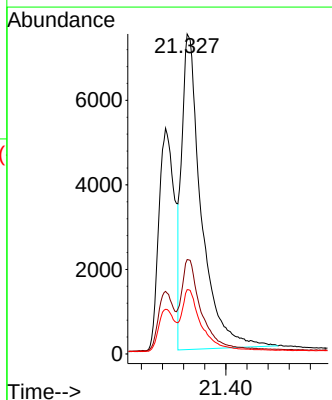
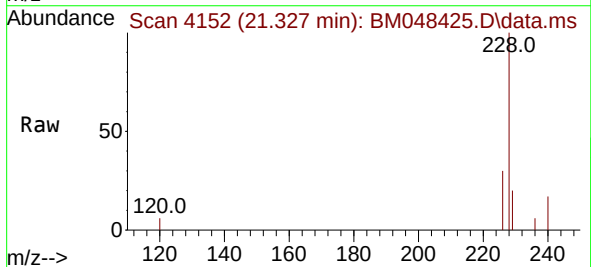
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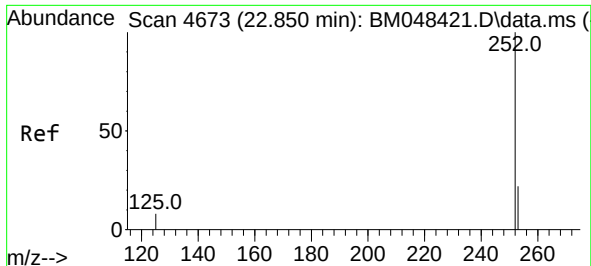
Tgt Ion:228 Resp: 11049
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.442 ng/ul
RT: 21.327 min Scan# 4152
Delta R.T. -0.000 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

Tgt Ion:228 Resp: 19212
Ion Ratio Lower Upper
228 100
226 29.5 24.1 36.1
229 20.1 15.9 23.9

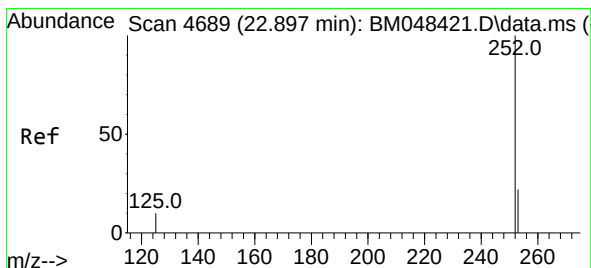
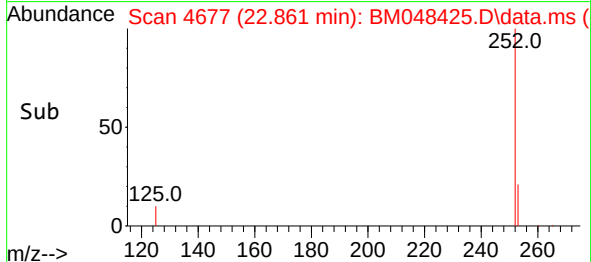
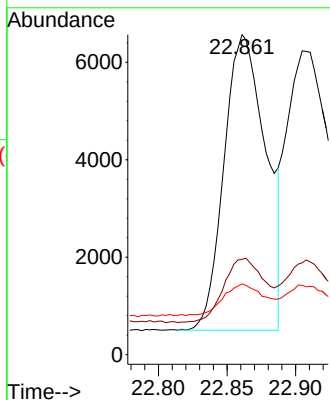
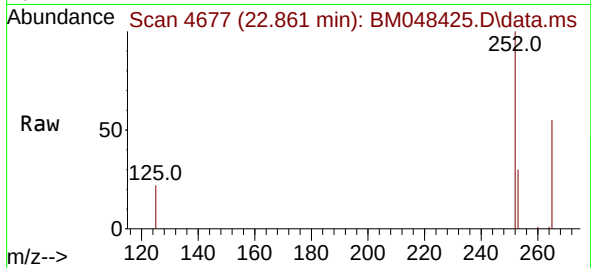




#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 22.861 min Scan# 4677
Delta R.T. -0.000 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

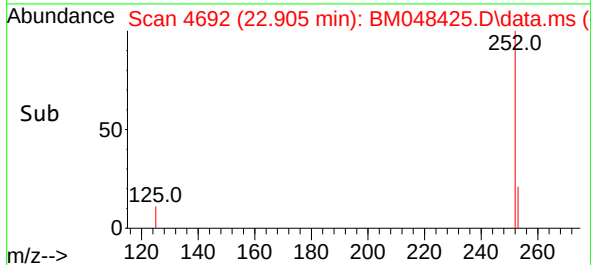
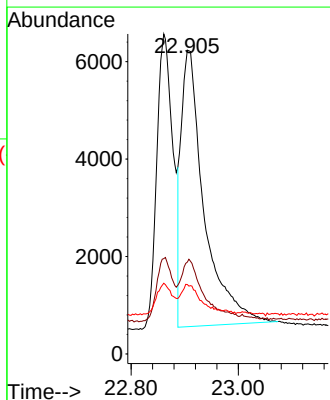
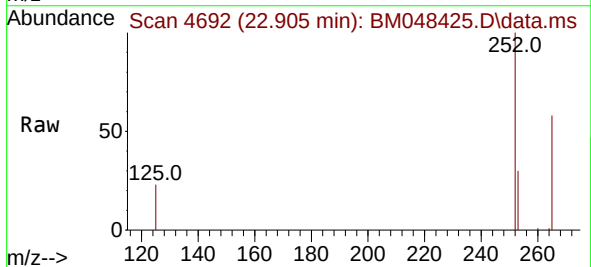
Instrument :
BNA_M
ClientSampleId :
SLCS424

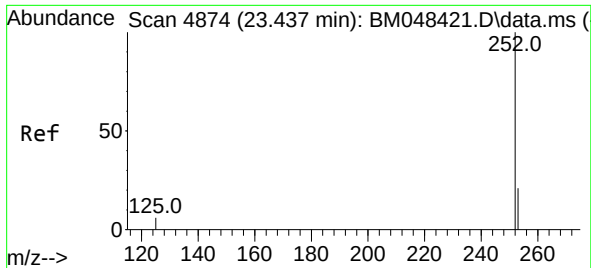
Tgt Ion:252 Resp: 12899
Ion Ratio Lower Upper
252 100
253 29.8 0.0 59.4
125 22.1 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.416 ng/ul
RT: 22.905 min Scan# 4692
Delta R.T. -0.000 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

Tgt Ion:252 Resp: 16910
Ion Ratio Lower Upper
252 100
253 30.2 23.4 35.0
125 22.9 15.3 22.9

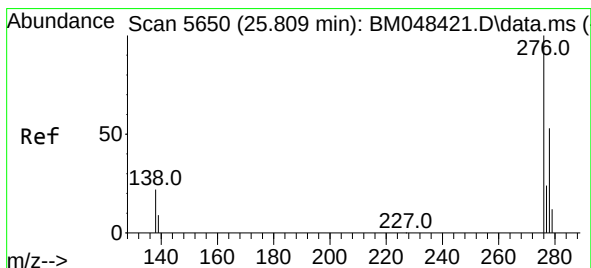
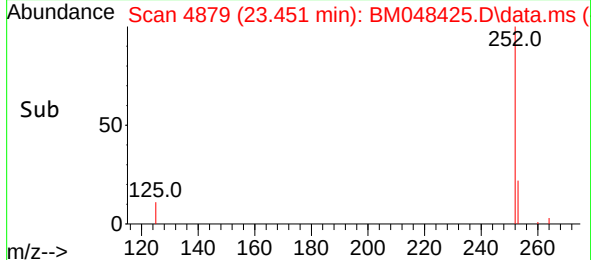
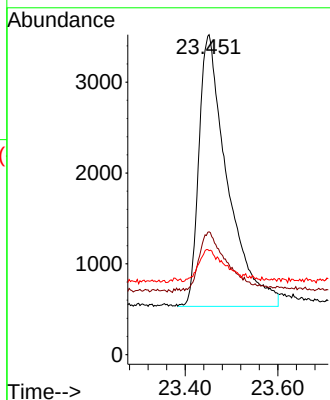
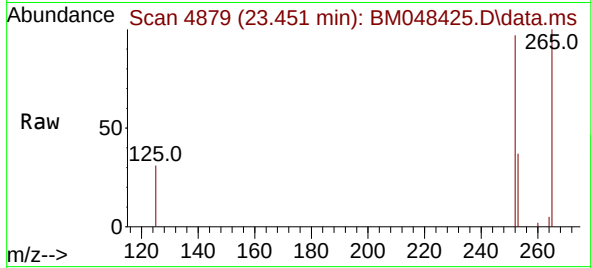




#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.451 min Scan# 4879
Delta R.T. 0.012 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

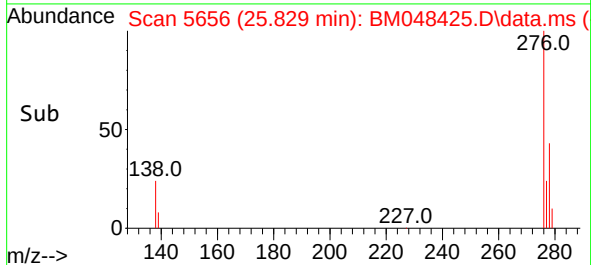
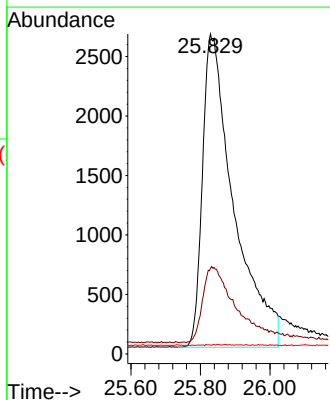
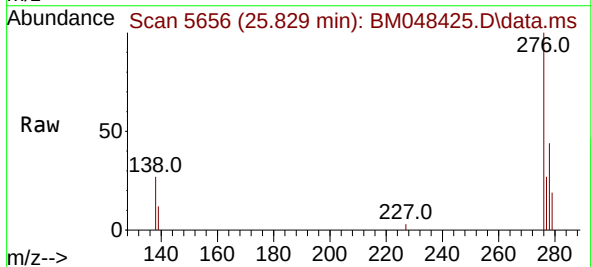
Instrument :
BNA_M
ClientSampleId :
SLCS424

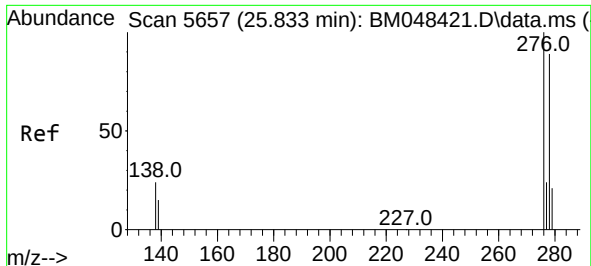
Tgt Ion:252 Resp: 12761
Ion Ratio Lower Upper
252 100
253 38.4 27.7 41.5
125 32.5 21.1 31.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 25.829 min Scan# 5656
Delta R.T. 0.017 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

Tgt Ion:276 Resp: 16418
Ion Ratio Lower Upper
276 100
138 26.2 19.6 29.4
227 0.0 0.1 0.1#

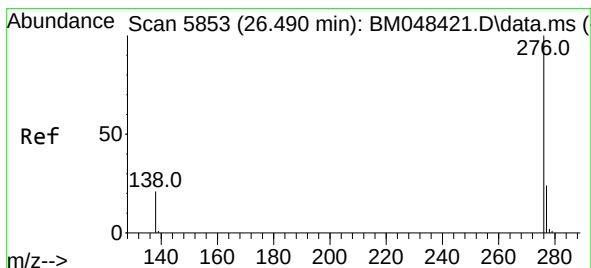
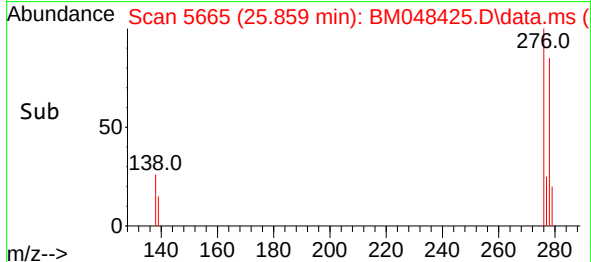
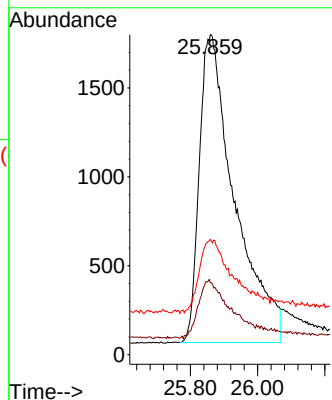
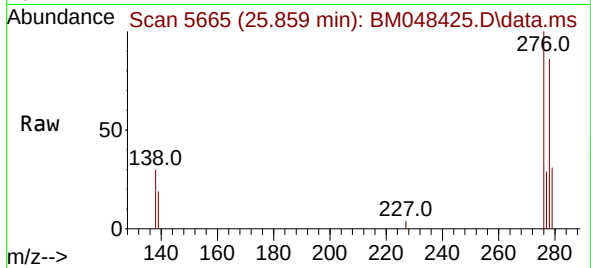




#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 25.859 min Scan# 5665
Delta R.T. 0.023 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

Instrument :
BNA_M
ClientSampleId :
SLCS424

Tgt Ion:278 Resp: 12659
Ion Ratio Lower Upper
278 100
139 22.5 15.6 23.4
279 36.0 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 26.510 min Scan# 5859
Delta R.T. 0.010 min
Lab File: BM048425.D
Acq: 04 Nov 2024 14:09

Tgt Ion:276 Resp: 14556
Ion Ratio Lower Upper
276 100
138 25.0 19.0 28.6
277 26.0 20.6 31.0

