

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
 Data File : BM048018.D
 Acq On : 11 Oct 2024 19:55
 Operator : RC/JU
 Sample : P4237-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EN7

Quant Time: Oct 12 00:36:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

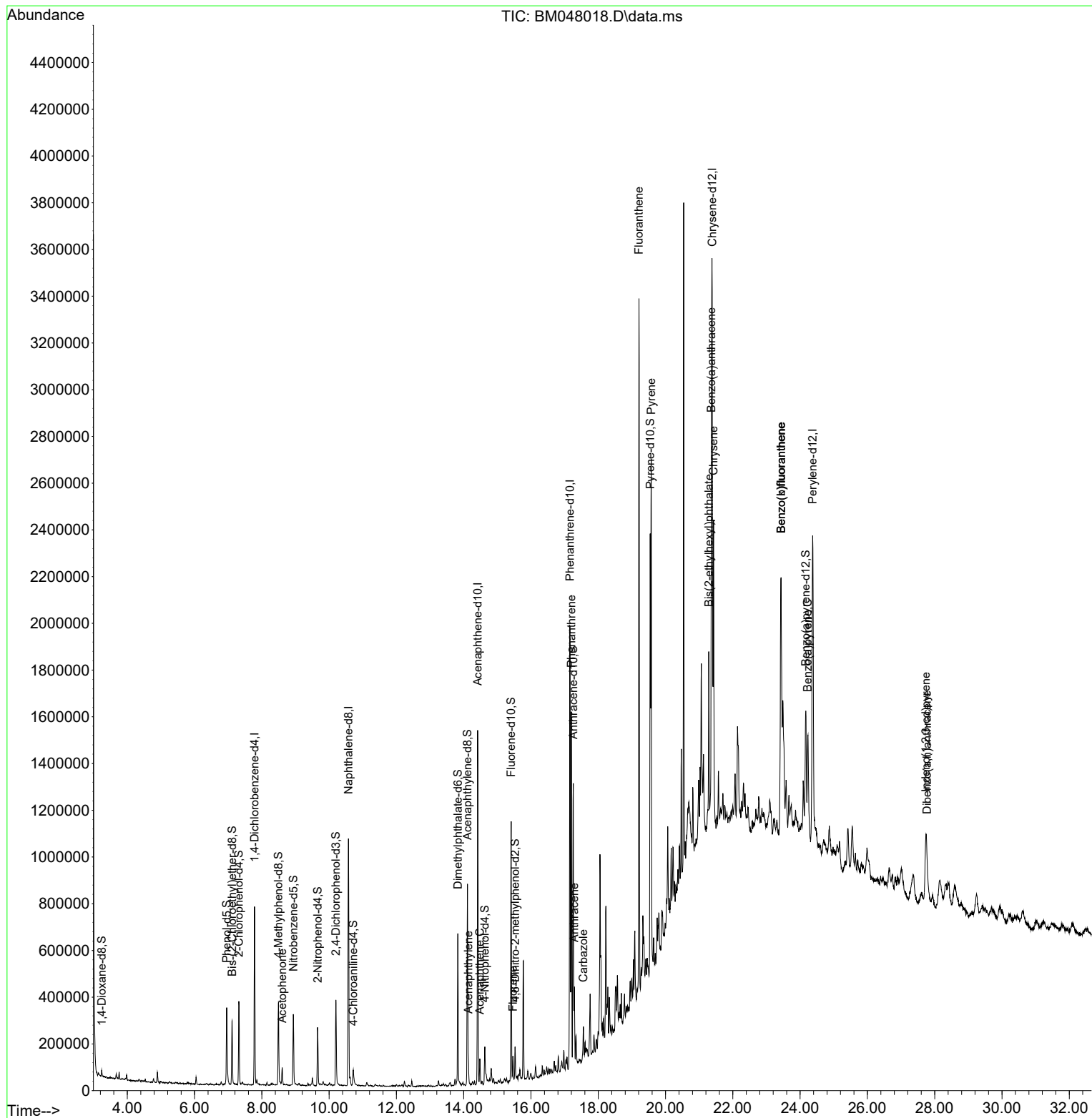
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	215283	20.000	ng/ul	0.00
20) Naphthalene-d8	10.574	136	865888	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.415	164	531265	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.156	188	1136848	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1037877	20.000	ng/ul	0.00
88) Perylene-d12	24.368	264	1229868	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12483	1.874	ng/uL	0.00
4) Pyridine-d5	3.669	84	11729	0.601	ng/ul	0.01
7) Phenol-d5	6.957	99	205386	10.089	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	125079	8.659	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	174978	11.814	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	139780	9.235	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128	80633	11.696	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	86195	13.047	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	154934	11.739	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	51502	2.524	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	451826	11.731	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	553979	12.131	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	50498	6.585	ng/ul	0.00
60) Fluorene-d10	15.409	176	432390	12.960	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	29850	4.487	ng/ul	0.00
73) Anthracene-d10	17.256	188	691793	12.376	ng/ul	0.00
81) Pyrene-d10	19.544	212	758017	12.869	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.168	264	579352	9.079	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.604	105	41731	1.611	ng/ul	87
50) Acenaphthylene	14.139	152	67004	1.301	ng/ul	97
52) Acenaphthene	14.480	153	40734	1.119	ng/ul	98
61) Fluorene	15.462	166	45358	1.109	ng/ul	99
72) Phenanthrene	17.198	178	896786	13.451	ng/ul	99
74) Anthracene	17.286	178	209033	3.074	ng/ul	99
77) Carbazole	17.556	167	95116	1.543	ng/ul	100
80) Fluoranthene	19.209	202	1802330	25.980	ng/ul	100
82) Pyrene	19.574	202	1344543	17.413	ng/ul	97
85) Benzo(a)anthracene	21.362	228	816696	11.239	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	298659	7.287	ng/ul#	98
87) Chrysene	21.427	228	833793	11.769	ng/ul	98
90) Benzo(b)fluoranthene	23.432	252	1151201	15.010	ng/ul	97
91) Benzo(k)fluoranthene	23.432	252	1151201	14.679	ng/ul	97
93) Benzo(a)pyrene	24.227	252	461109	6.330	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.738	276	441939	4.734	ng/ul	97
95) Dibenzo(a,h)anthracene	27.773	278	79252	1.036	ng/ul#	91

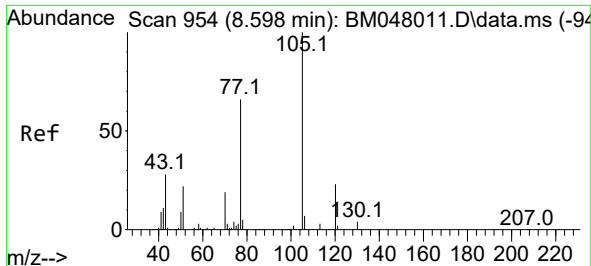
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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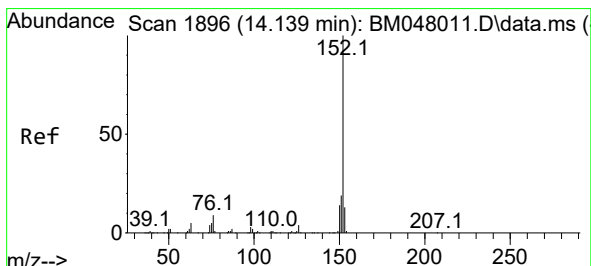
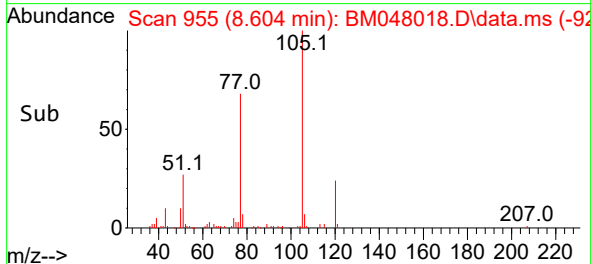
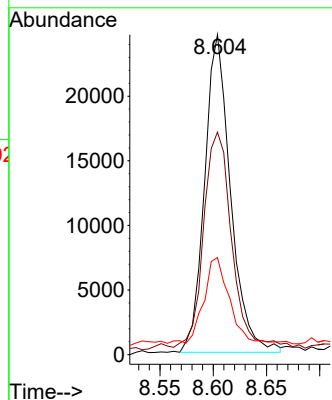
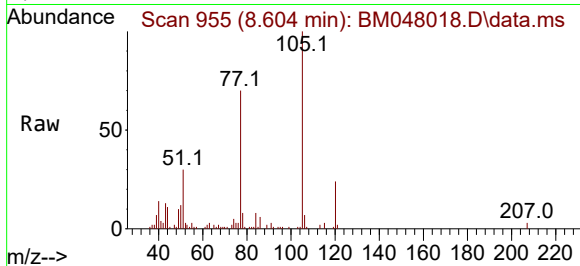




#16
Acetophenone
Concen: 1.611 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

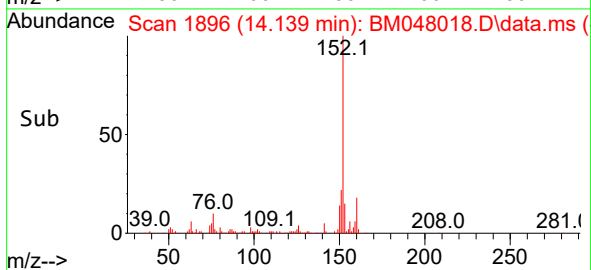
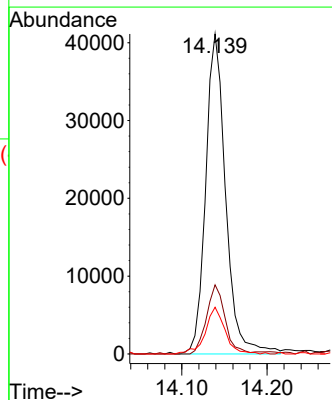
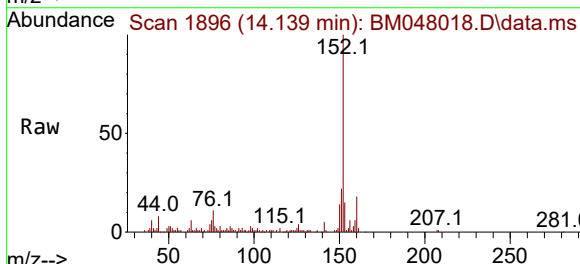
Instrument :
BNA_M
ClientSampleId :
A4EN7

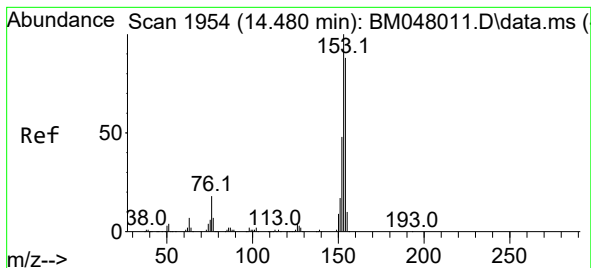
Tgt Ion:105 Resp: 41731
Ion Ratio Lower Upper
105 100
77 69.6 66.6 100.0
51 30.4 27.0 40.4



#50
Acenaphthylene
Concen: 1.301 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

Tgt Ion:152 Resp: 67004
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2
153 14.6 10.7 16.1





#52

Acenaphthene

Concen: 1.119 ng/ul

RT: 14.480 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BM048018.D

Acq: 11 Oct 2024 19:55

Instrument :

BNA_M

ClientSampleId :

A4EN7

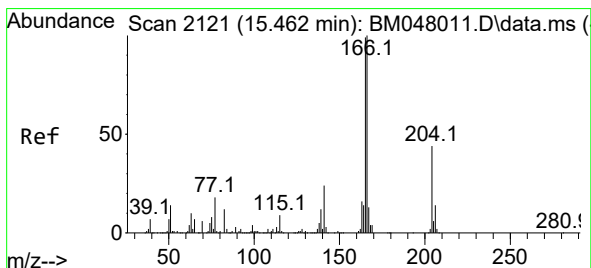
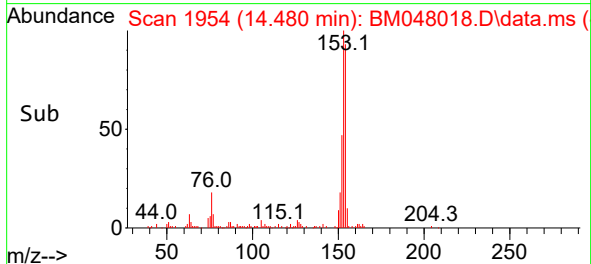
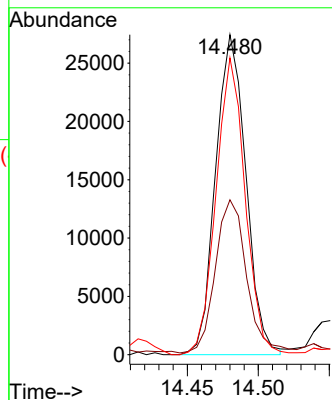
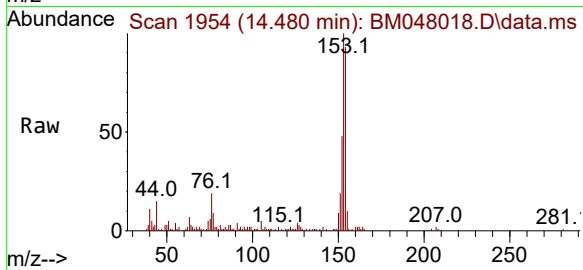
Tgt Ion:153 Resp: 40734

Ion Ratio Lower Upper

153 100

152 48.4 39.7 59.5

154 92.7 72.6 108.8



#61

Fluorene

Concen: 1.109 ng/ul

RT: 15.462 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BM048018.D

Acq: 11 Oct 2024 19:55

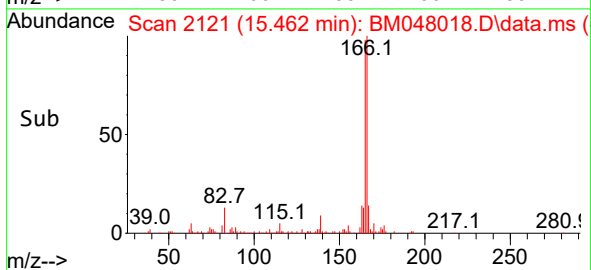
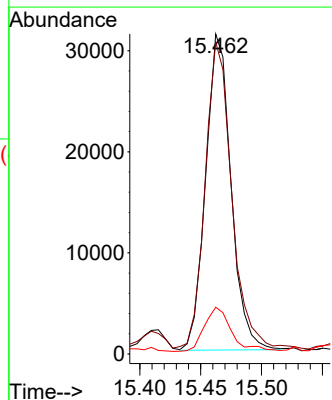
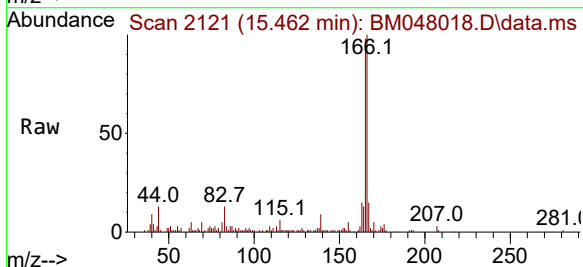
Tgt Ion:166 Resp: 45358

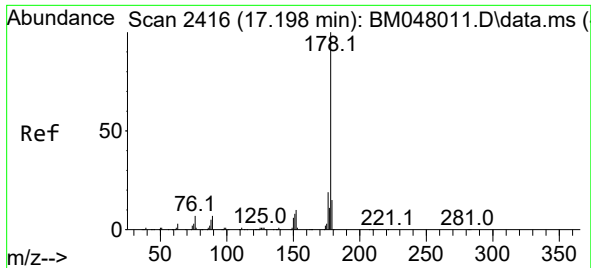
Ion Ratio Lower Upper

166 100

165 97.5 77.8 116.6

167 14.6 10.8 16.2

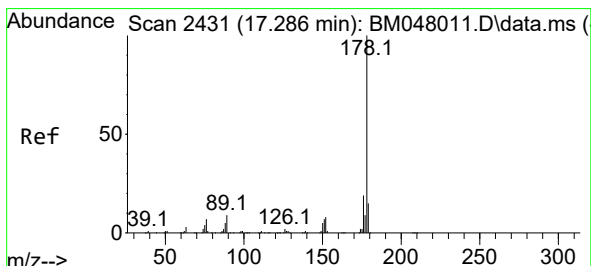
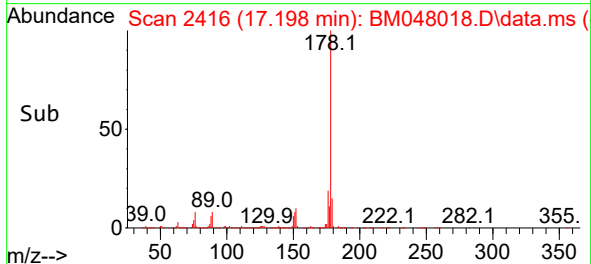
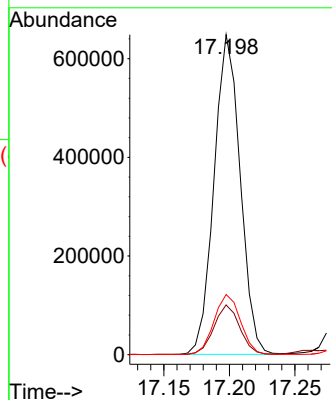
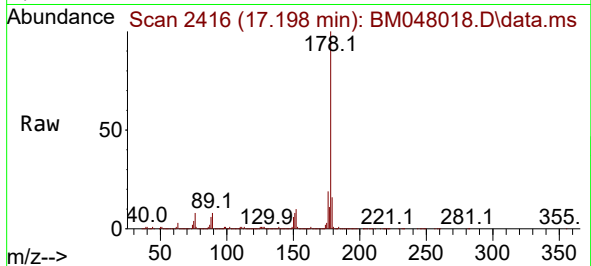




#72
Phenanthrene
Concen: 13.451 ng/ul
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

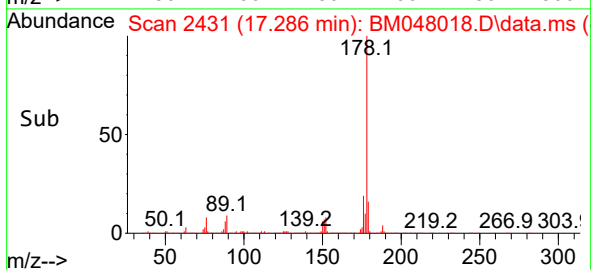
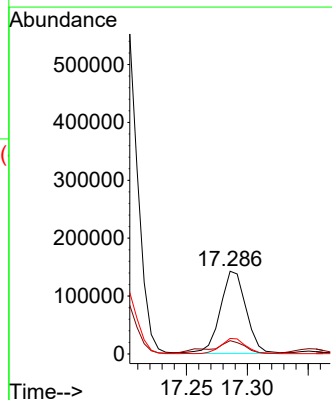
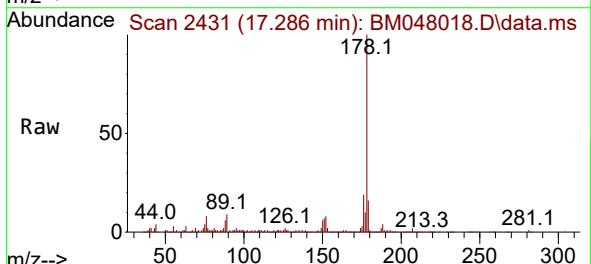
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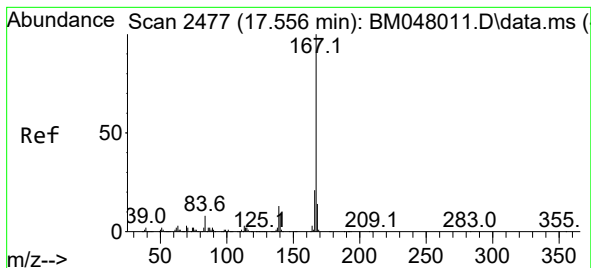
Tgt Ion:178 Resp: 896786
Ion Ratio Lower Upper
178 100
179 15.6 12.0 18.0
176 18.8 15.4 23.0



#74
Anthracene
Concen: 3.074 ng/ul
RT: 17.286 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

Tgt Ion:178 Resp: 209033
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 18.7 14.7 22.1





#77

Carbazole

Concen: 1.543 ng/ul

RT: 17.556 min Scan# 2477

Delta R.T. -0.006 min

Lab File: BM048018.D

Acq: 11 Oct 2024 19:55

Instrument :

BNA_M

ClientSampleId :

A4EN7

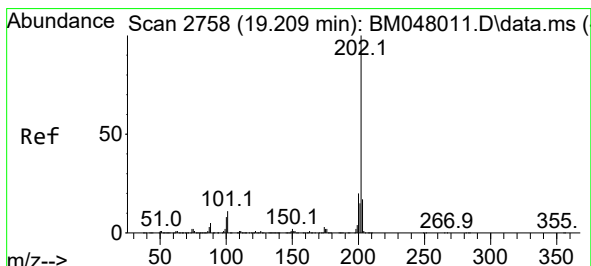
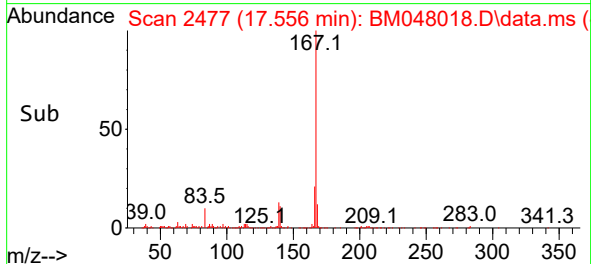
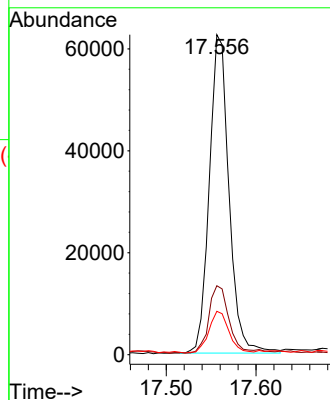
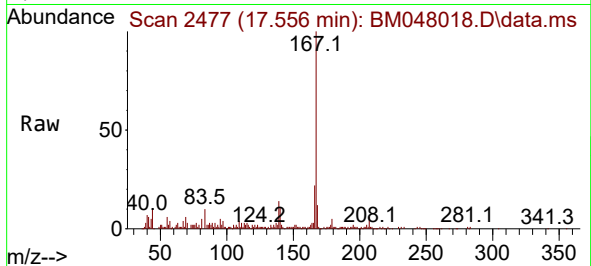
Tgt Ion:167 Resp: 95116

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 13.5 10.9 16.3



#80

Fluoranthene

Concen: 25.980 ng/ul

RT: 19.209 min Scan# 2758

Delta R.T. -0.006 min

Lab File: BM048018.D

Acq: 11 Oct 2024 19:55

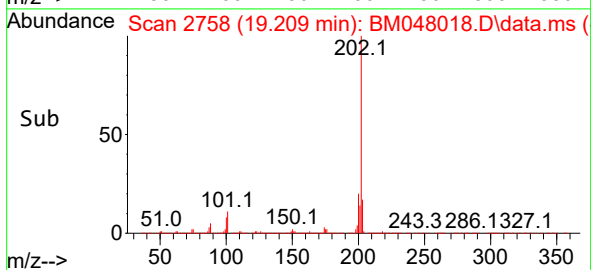
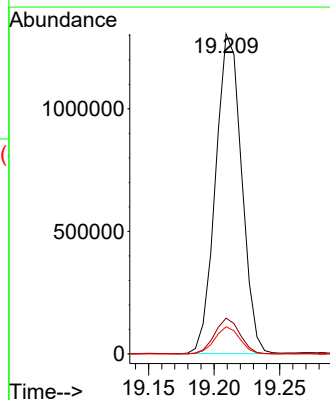
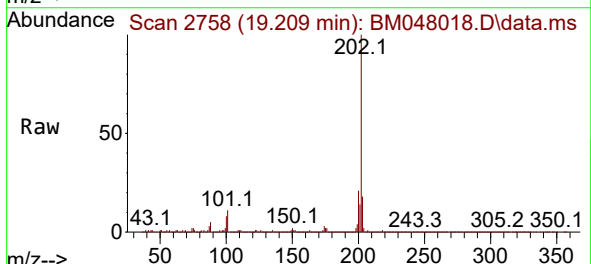
Tgt Ion:202 Resp: 1802330

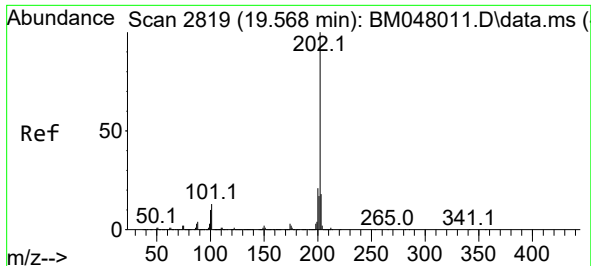
Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

100 8.5 6.8 10.2

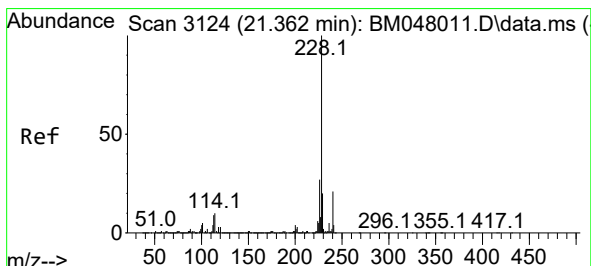
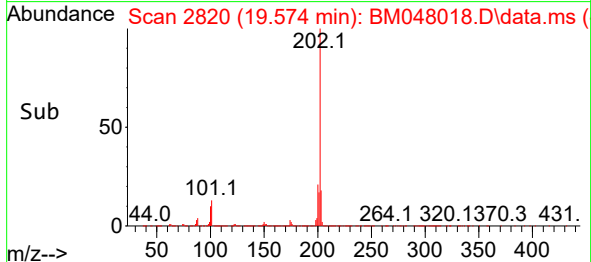
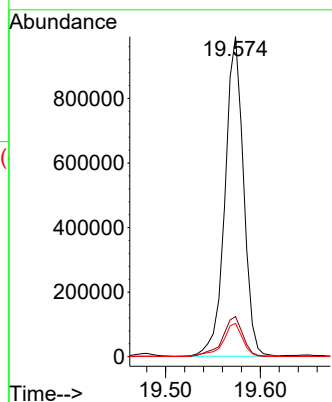
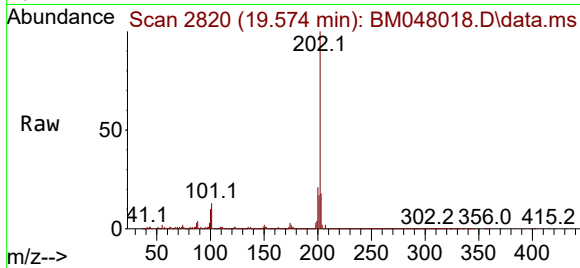




#82
Pyrene
Concen: 17.413 ng/ul
RT: 19.574 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

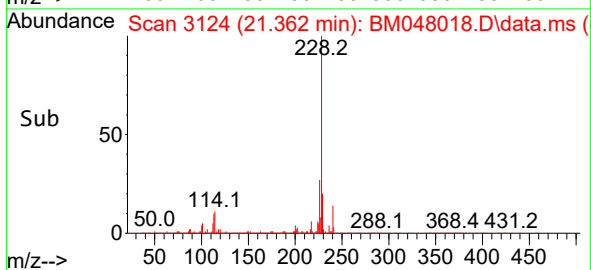
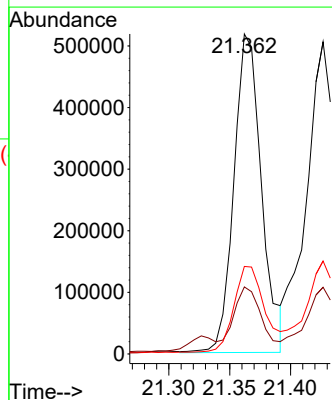
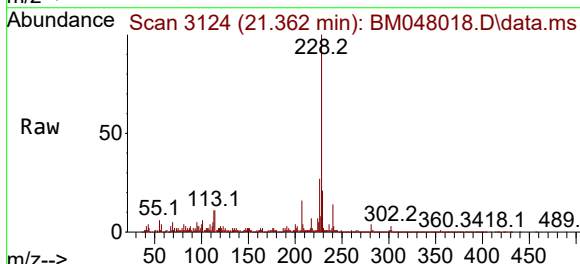
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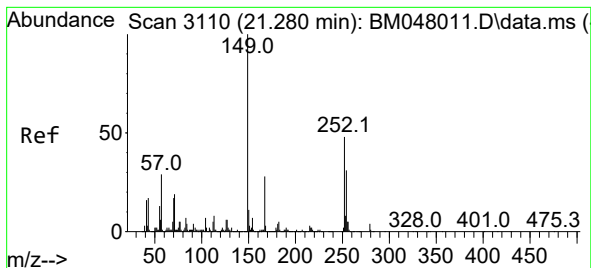
Tgt Ion:202 Resp: 1344543
Ion Ratio Lower Upper
202 100
101 12.5 10.9 16.3
100 10.4 9.4 14.2



#85
Benzo(a)anthracene
Concen: 11.239 ng/ul
RT: 21.362 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

Tgt Ion:228 Resp: 816696
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 27.3 21.9 32.9

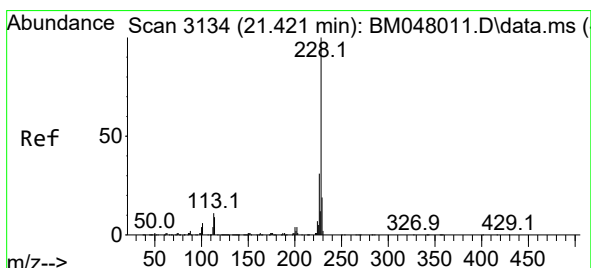
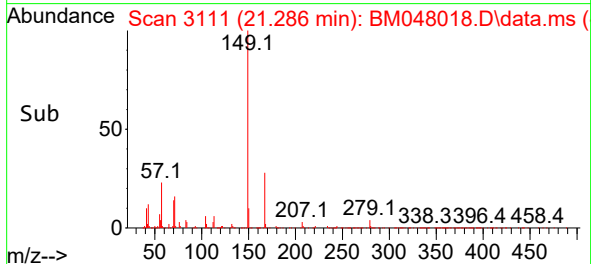
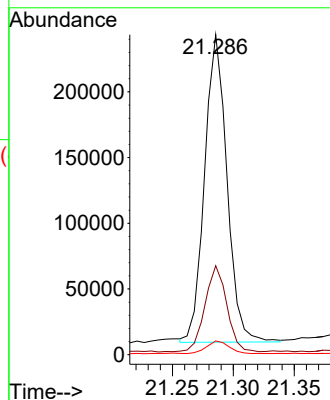
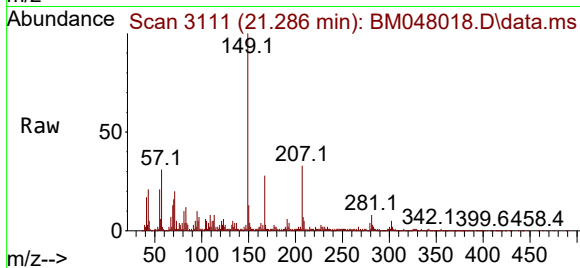




#86
Bis(2-ethylhexyl)phthalate
Concen: 7.287 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

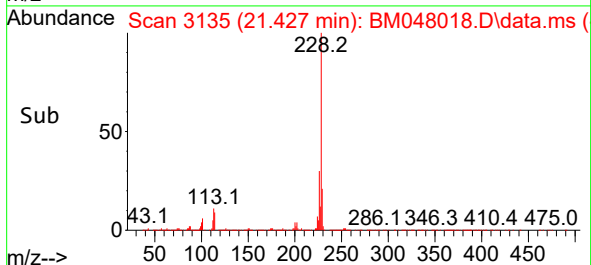
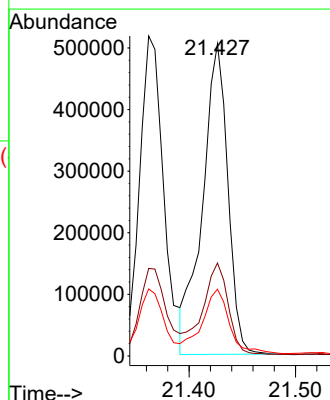
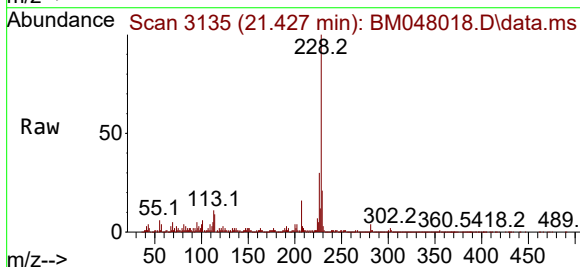
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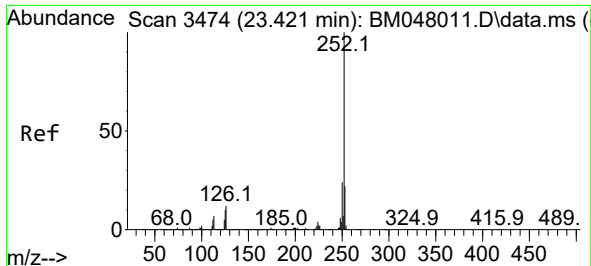
Tgt Ion:149 Resp: 298659
Ion Ratio Lower Upper
149 100
167 27.8 21.3 31.9
279 4.3 2.7 4.1#



#87
Chrysene
Concen: 11.769 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

Tgt Ion:228 Resp: 833793
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.4 15.3 22.9

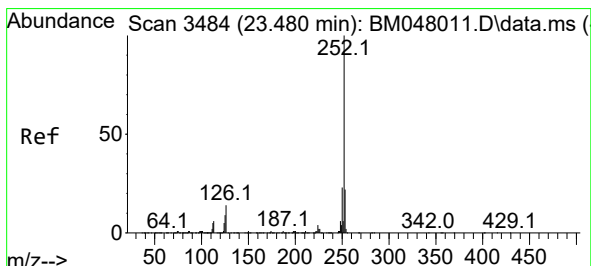
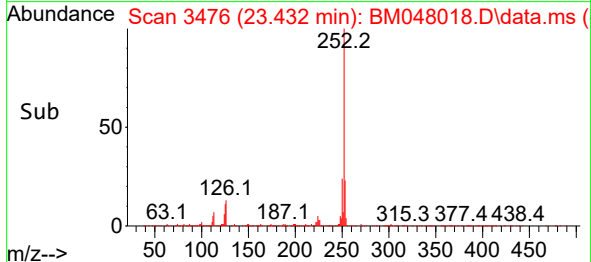
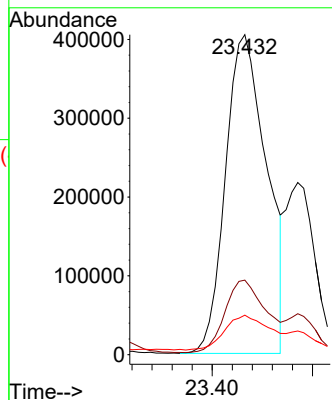
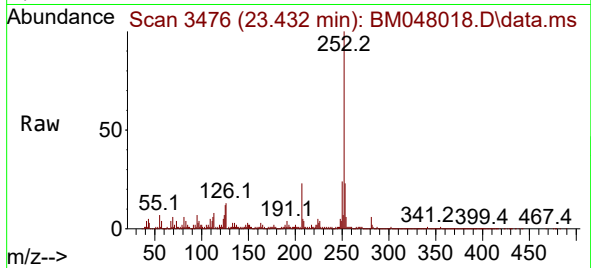




#90
Benzo(b)fluoranthene
Concen: 15.010 ng/ul
RT: 23.432 min Scan# 3476
Delta R.T. 0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

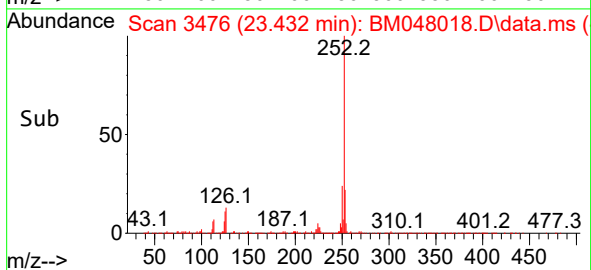
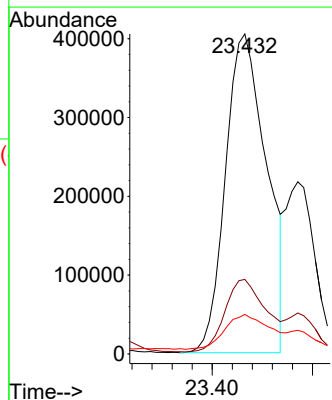
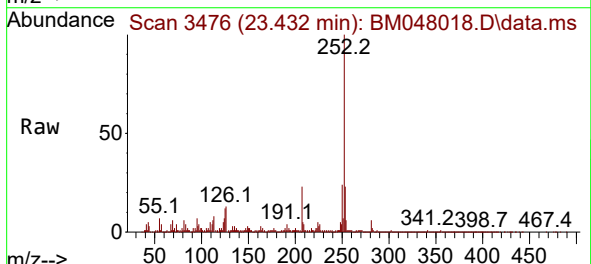
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ClientSampleId :
A4EN7

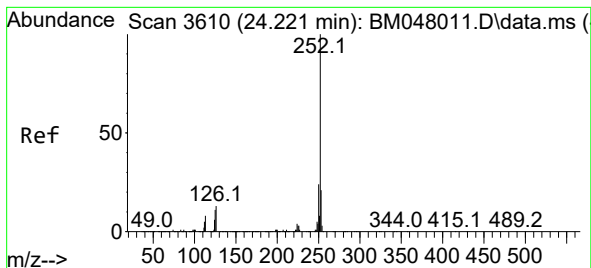
Tgt Ion:252 Resp: 1151201
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 12.4 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 14.679 ng/ul
RT: 23.432 min Scan# 3476
Delta R.T. -0.053 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

Tgt Ion:252 Resp: 1151201
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 12.4 8.9 13.3





#93

Benzo(a)pyrene

Concen: 6.330 ng/ul

RT: 24.227 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM048018.D

Acq: 11 Oct 2024 19:55

Instrument :

BNA_M

ClientSampleId :

A4EN7

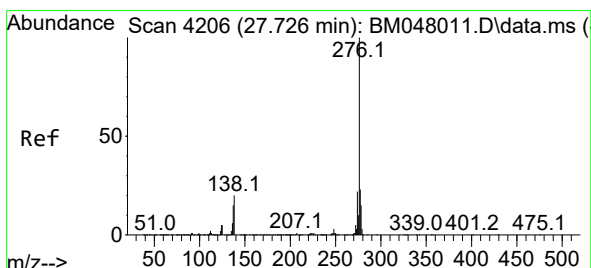
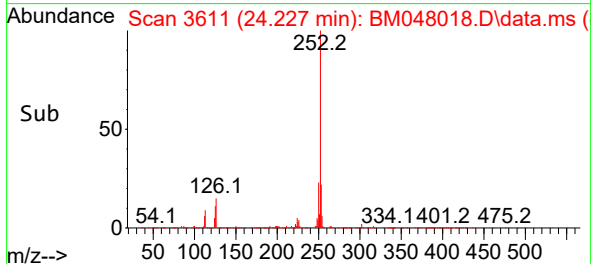
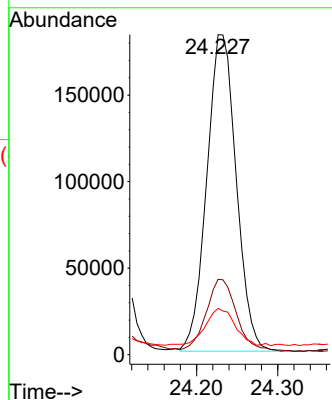
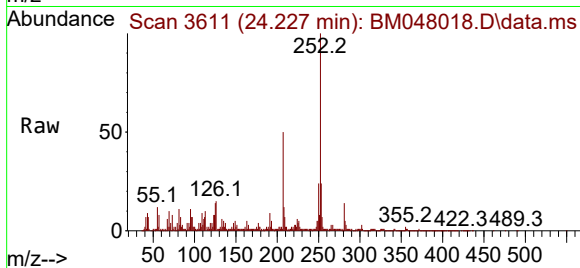
Tgt Ion:252 Resp: 461109

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 14.5 10.1 15.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.734 ng/ul

RT: 27.738 min Scan# 4208

Delta R.T. -0.006 min

Lab File: BM048018.D

Acq: 11 Oct 2024 19:55

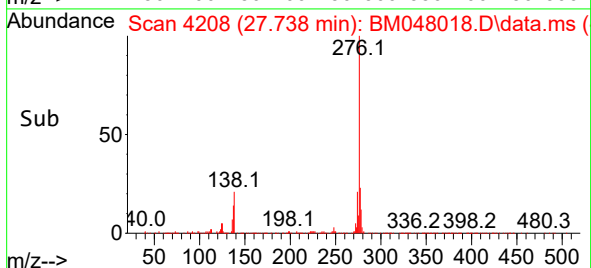
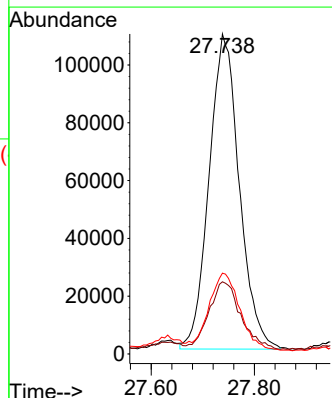
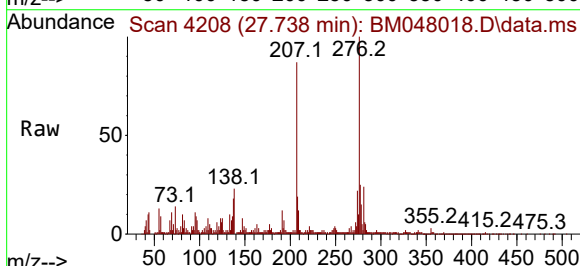
Tgt Ion:276 Resp: 441939

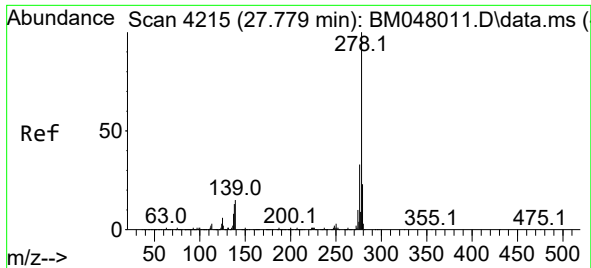
Ion Ratio Lower Upper

276 100

138 22.6 16.9 25.3

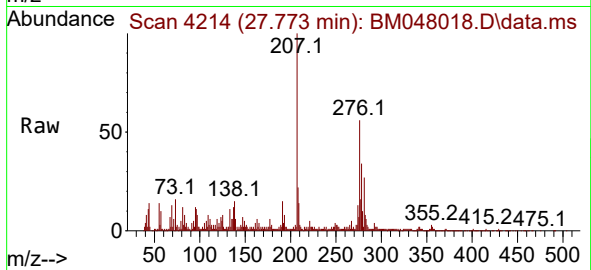
277 25.2 18.9 28.3





#95
 Dibenzo(a,h)anthracene
 Concen: 1.036 ng/ul
 RT: 27.773 min Scan# 41
 Delta R.T. -0.024 min
 Lab File: BM048018.D
 Acq: 11 Oct 2024 19:55

Instrument :
 BNA_M
 ClientSampleId :
 A4EN7



Tgt Ion:278 Resp: 79252
 Ion Ratio Lower Upper
 278 100
 139 17.3 13.4 20.2
 279 30.1 18.4 27.6#

