

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
 Data File : BM048017.D
 Acq On : 11 Oct 2024 19:15
 Operator : RC/JU
 Sample : P4237-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EN6

Quant Time: Oct 12 00:36:35 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)

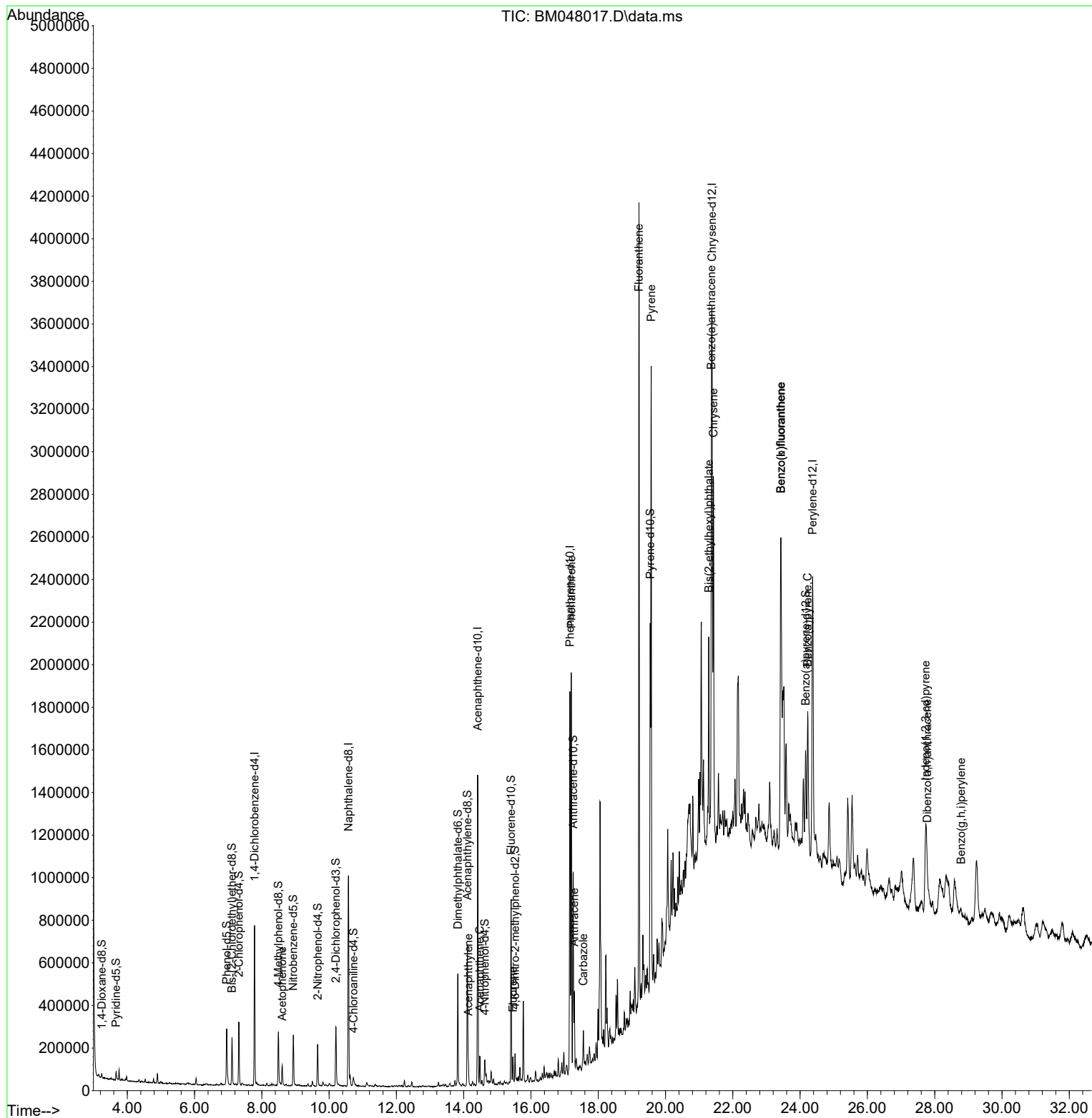
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	209851	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	843101	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	519518	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1095711	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	1004523	20.000	ng/u1	0.00
88) Perylene-d12	24.368	264	1188322	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	10343	1.593	ng/uL	0.00
4) Pyridine-d5	3.669	84	21870	1.150	ng/u1	0.01
7) Phenol-d5	6.957	99	161074	8.117	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	98992	7.030	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	140799	9.752	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	102685	6.960	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	63197	9.414	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	66607	10.354	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	124455	9.685	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	30711	1.546	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	365879	9.714	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	438056	9.809	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	36690	4.893	ng/u1	0.00
60) Fluorene-d10	15.410	176	342723	10.505	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	26549	4.141	ng/u1	0.00
73) Anthracene-d10	17.257	188	537013	9.967	ng/u1	0.00
81) Pyrene-d10	19.545	212	604187	10.598	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.162	264	474002	7.688	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.604	105	54678	2.166	ng/u1	90
50) Acenaphthylene	14.139	152	70524	1.400	ng/u1	98
52) Acenaphthene	14.480	153	47654	1.339	ng/u1	97
61) Fluorene	15.463	166	50815	1.271	ng/u1	98
72) Phenanthrene	17.198	178	1135080	17.665	ng/u1	99
74) Anthracene	17.286	178	231584	3.534	ng/u1	98
77) Carbazole	17.557	167	106567	1.794	ng/u1	100
80) Fluoranthene	19.209	202	2241868	33.388	ng/u1	99
82) Pyrene	19.574	202	1844936	24.687	ng/u1	96
85) Benzo(a)anthracene	21.362	228	982692	13.972	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	410459	10.348	ng/u1	98
87) Chrysene	21.427	228	1161242	16.936	ng/u1	98
90) Benzo(b)fluoranthene	23.427	252	1620493	21.867	ng/u1	98
91) Benzo(k)fluoranthene	23.427	252	1620493	21.385	ng/u1	98
93) Benzo(a)pyrene	24.227	252	623619	8.861	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.732	276	631306	6.999	ng/u1	97
95) Dibenzo(a,h)anthracene	27.779	278	204846	2.771	ng/u1#	89
96) Benzo(g,h,i)perylene	28.785	276	75901	1.074	ng/u1#	85

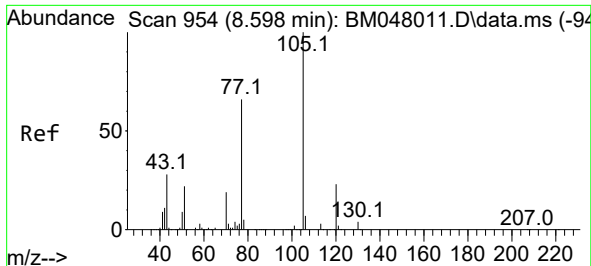
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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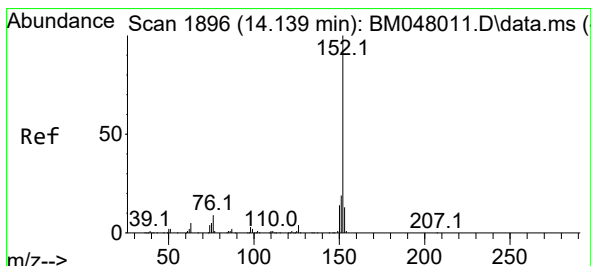
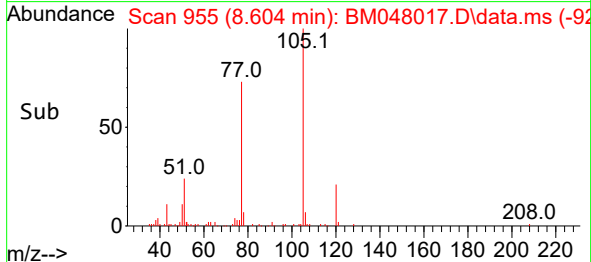
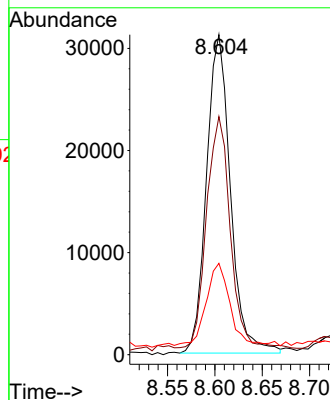
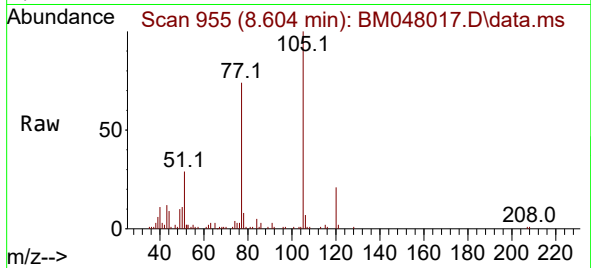




#16
Acetophenone
Concen: 2.166 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM048017.D
Acq: 11 Oct 2024 19:15

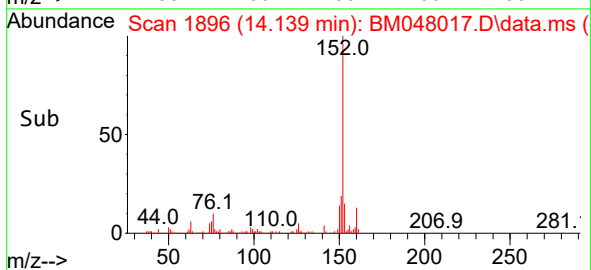
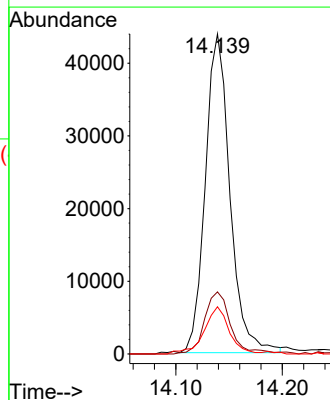
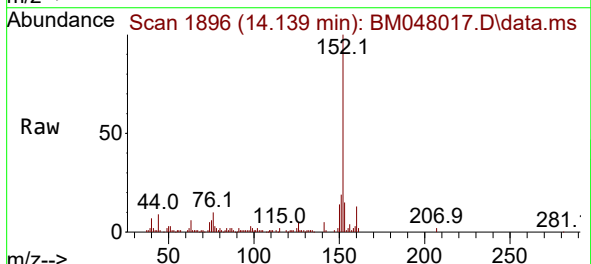
Instrument :
BNA_M
ClientSampleId :
A4EN6

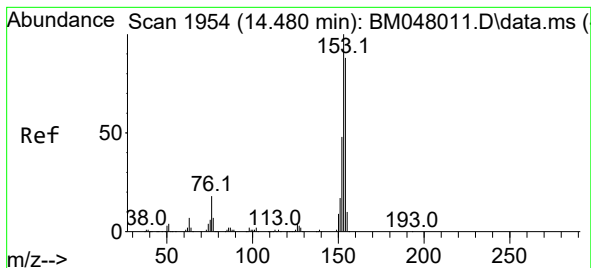
Tgt Ion:105 Resp: 54678
Ion Ratio Lower Upper
105 100
77 74.4 66.6 100.0
51 28.6 27.0 40.4



#50
Acenaphthylene
Concen: 1.400 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM048017.D
Acq: 11 Oct 2024 19:15

Tgt Ion:152 Resp: 70524
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 14.7 10.7 16.1





#52

Acenaphthene

Concen: 1.339 ng/ul

RT: 14.480 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BM048017.D

Acq: 11 Oct 2024 19:15

Instrument :

BNA_M

ClientSampleId :

A4EN6

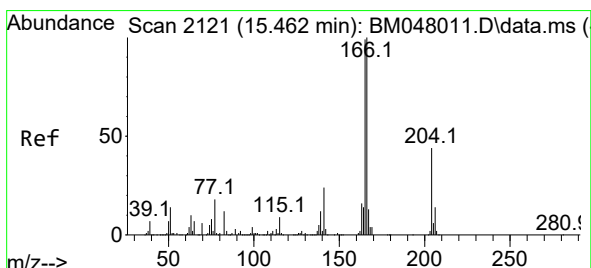
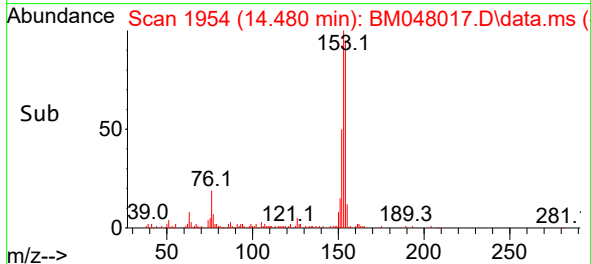
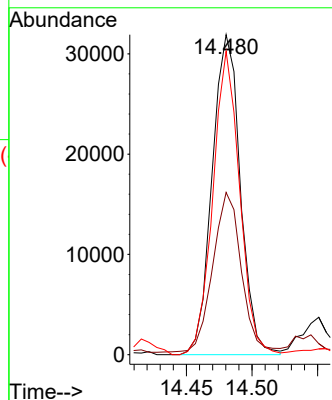
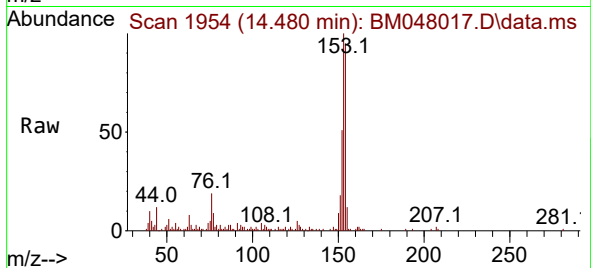
Tgt Ion:153 Resp: 47654

Ion Ratio Lower Upper

153 100

152 50.7 39.7 59.5

154 94.8 72.6 108.8



#61

Fluorene

Concen: 1.271 ng/ul

RT: 15.463 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BM048017.D

Acq: 11 Oct 2024 19:15

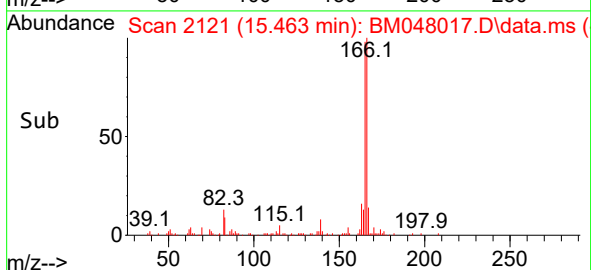
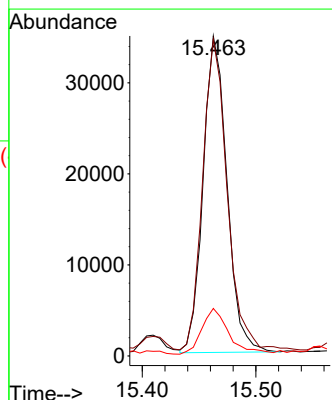
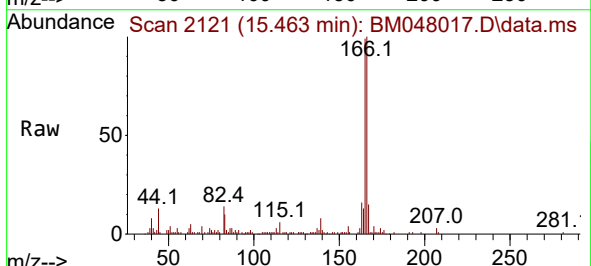
Tgt Ion:166 Resp: 50815

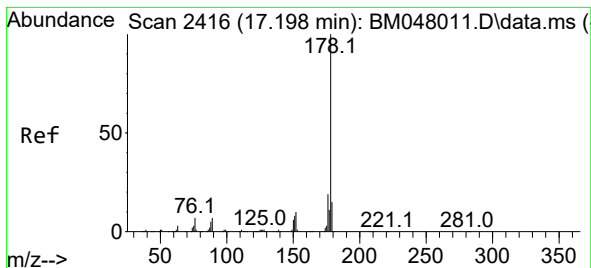
Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.6

167 14.8 10.8 16.2





#72

Phenanthrene

Concen: 17.665 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM048017.D

Acq: 11 Oct 2024 19:15

Instrument :

BNA_M

ClientSampleId :

A4EN6

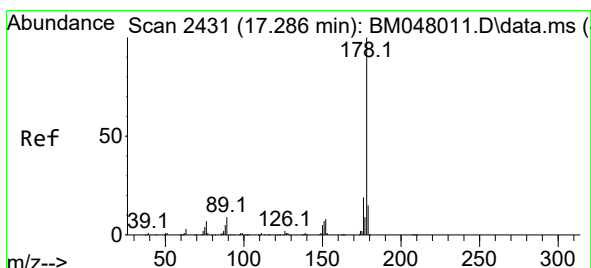
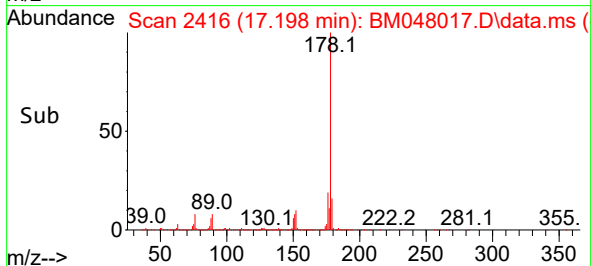
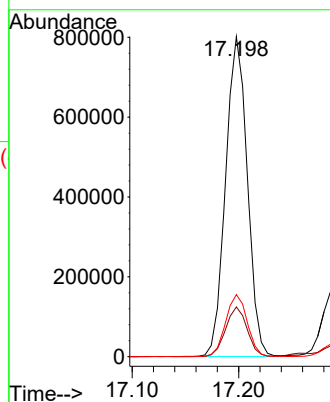
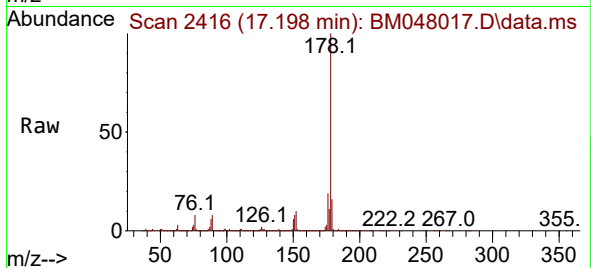
Tgt Ion:178 Resp: 1135080

Ion Ratio Lower Upper

178 100

179 15.6 12.0 18.0

176 19.4 15.4 23.0



#74

Anthracene

Concen: 3.534 ng/ul

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM048017.D

Acq: 11 Oct 2024 19:15

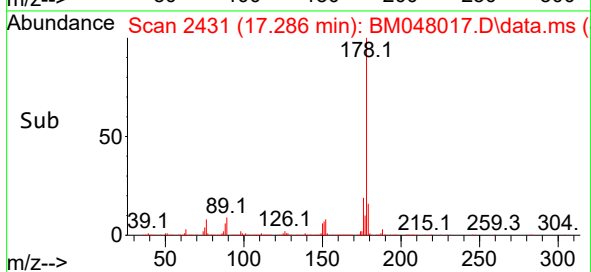
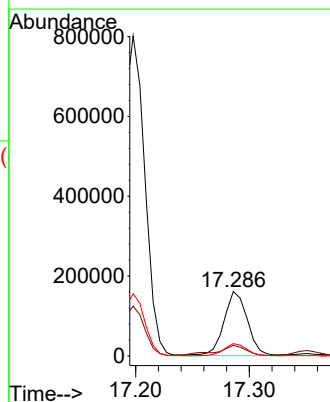
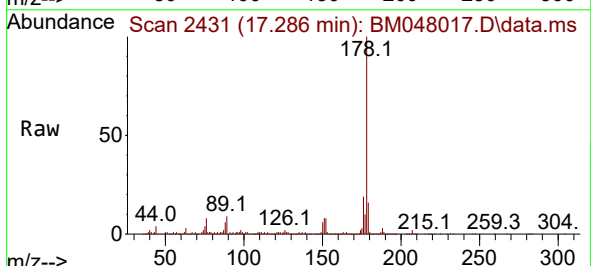
Tgt Ion:178 Resp: 231584

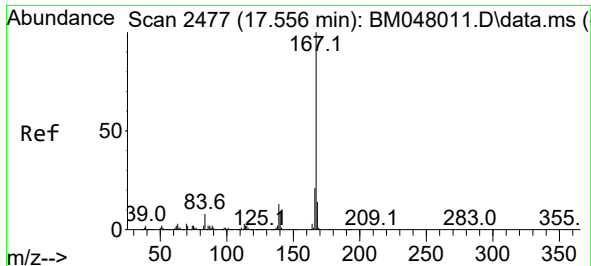
Ion Ratio Lower Upper

178 100

179 16.4 12.4 18.6

176 19.2 14.7 22.1

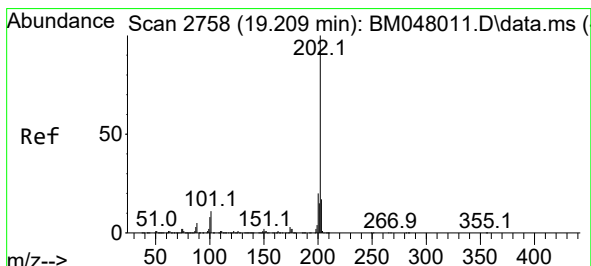
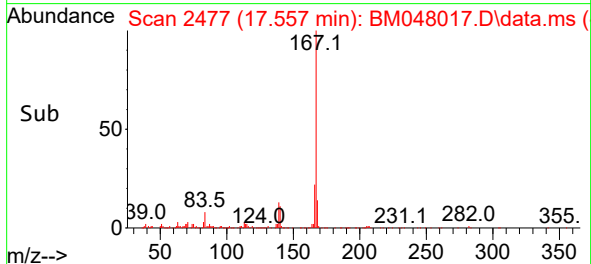
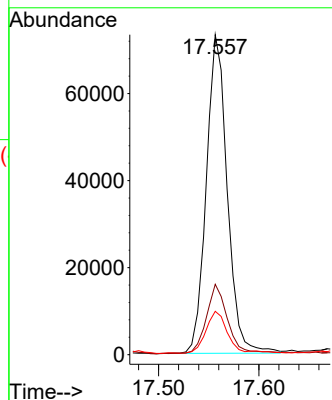
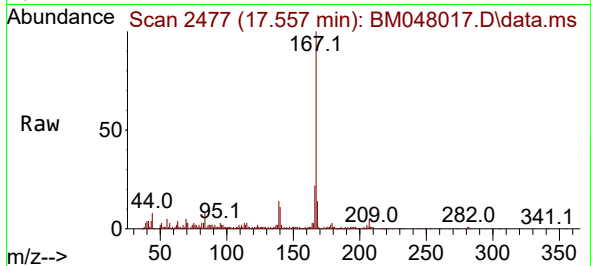




#77
 Carbazole
 Concen: 1.794 ng/ul
 RT: 17.557 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM048017.D
 Acq: 11 Oct 2024 19:15

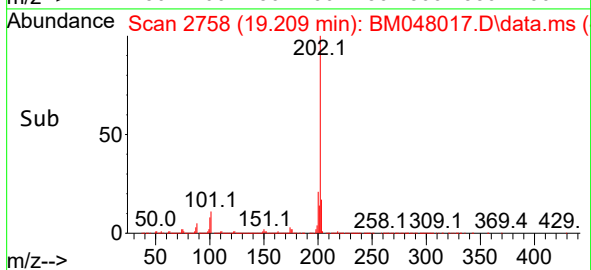
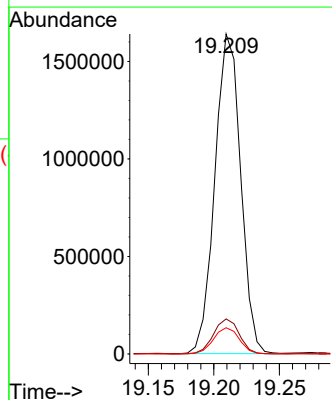
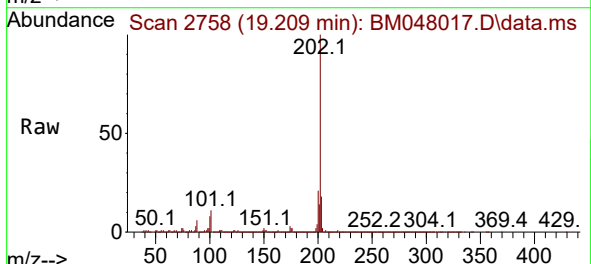
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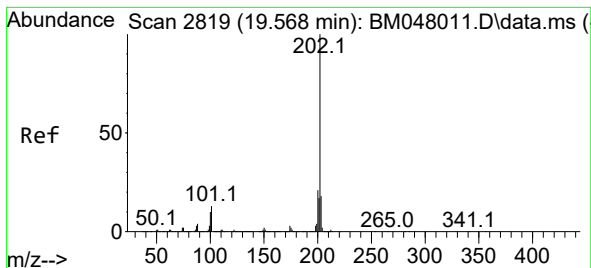
Tgt Ion:167 Resp: 106567
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.5 10.9 16.3



#80
 Fluoranthene
 Concen: 33.388 ng/ul
 RT: 19.209 min Scan# 2758
 Delta R.T. -0.006 min
 Lab File: BM048017.D
 Acq: 11 Oct 2024 19:15

Tgt Ion:202 Resp: 2241868
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.0 13.4
 100 8.2 6.8 10.2





#82

Pyrene

Concen: 24.687 ng/ul

RT: 19.574 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM048017.D

Acq: 11 Oct 2024 19:15

Instrument :

BNA_M

ClientSampleId :

A4EN6

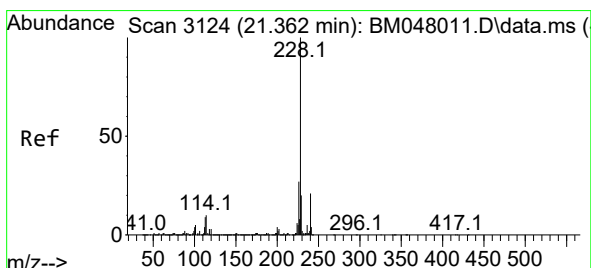
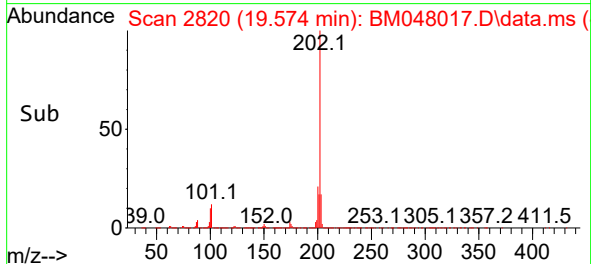
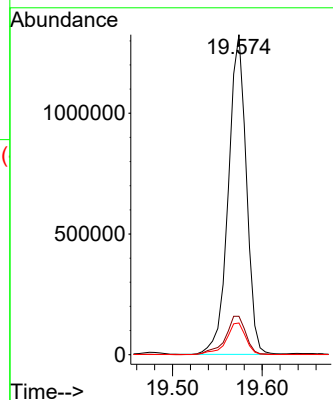
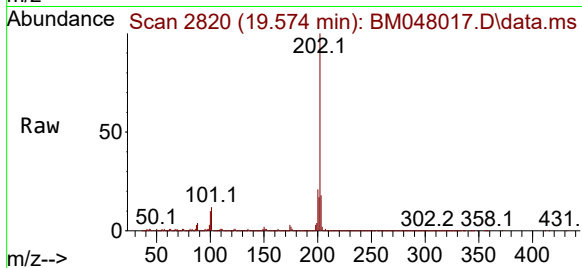
Tgt Ion:202 Resp: 1844936

Ion Ratio Lower Upper

202 100

101 12.0 10.9 16.3

100 9.9 9.4 14.2



#85

Benzo(a)anthracene

Concen: 13.972 ng/ul

RT: 21.362 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BM048017.D

Acq: 11 Oct 2024 19:15

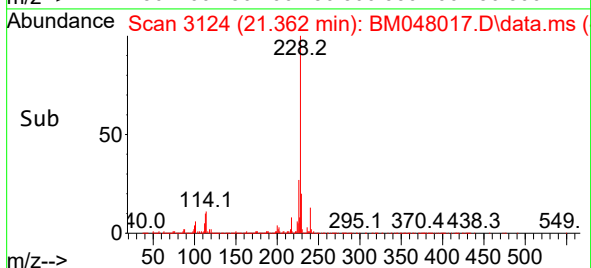
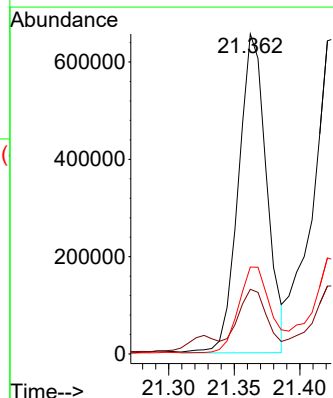
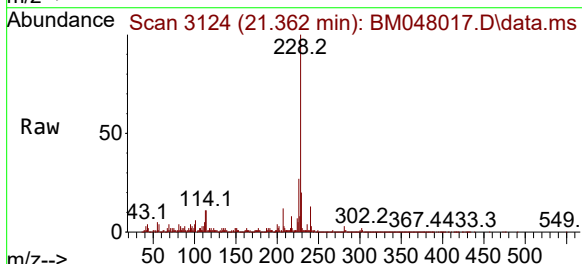
Tgt Ion:228 Resp: 982692

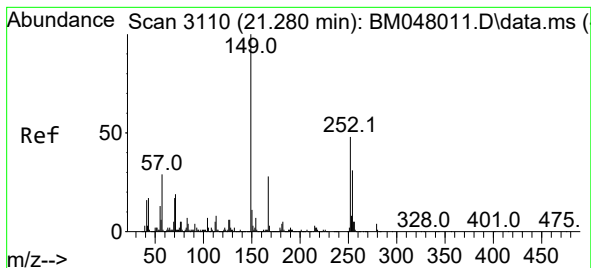
Ion Ratio Lower Upper

228 100

229 20.2 15.6 23.4

226 27.2 21.9 32.9

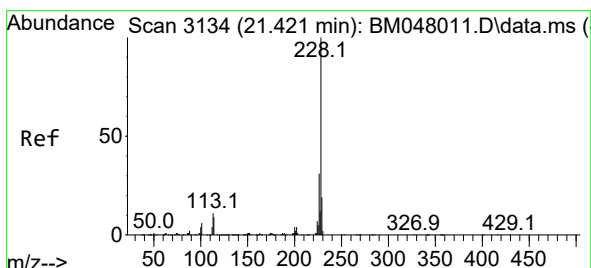
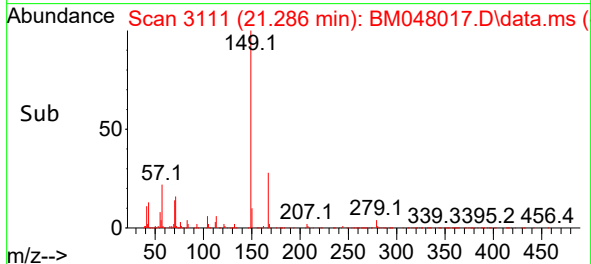
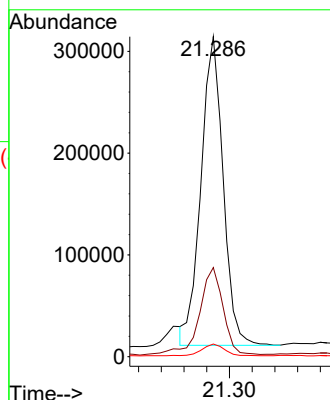
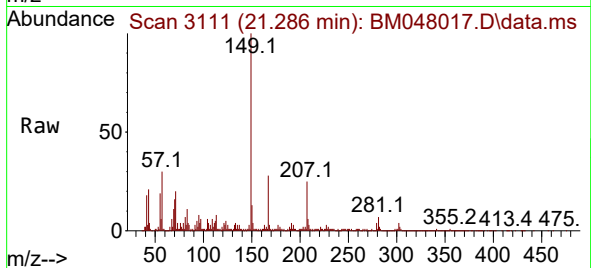




#86
Bis(2-ethylhexyl)phthalate
Concen: 10.348 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048017.D
Acq: 11 Oct 2024 19:15

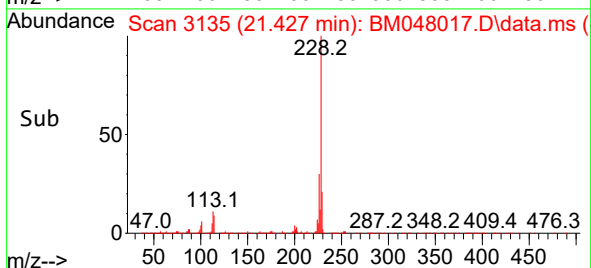
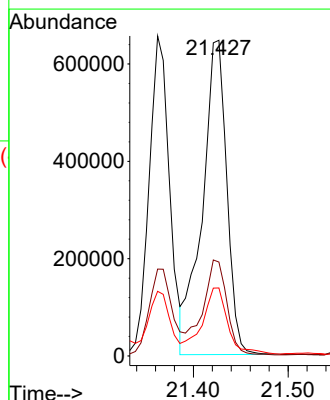
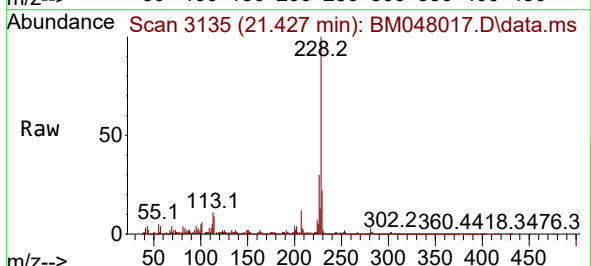
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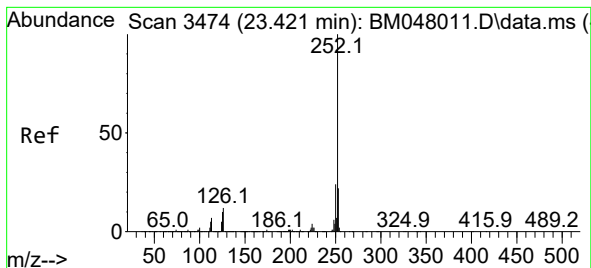
Tgt Ion:149 Resp: 410459
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 4.0 2.7 4.1



#87
Chrysene
Concen: 16.936 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM048017.D
Acq: 11 Oct 2024 19:15

Tgt Ion:228 Resp: 1161242
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.6 15.3 22.9





#90

Benzo(b)fluoranthene

Concen: 21.867 ng/ul

RT: 23.427 min Scan# 3474

Delta R.T. 0.000 min

Lab File: BM048017.D

Acq: 11 Oct 2024 19:15

Instrument :

BNA_M

ClientSampleId :

A4EN6

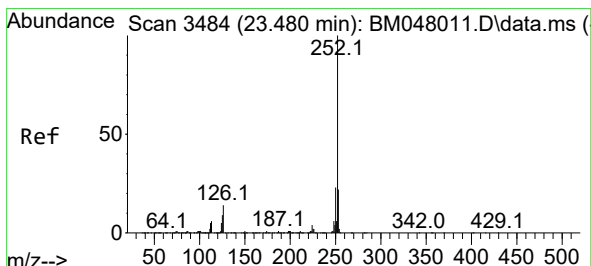
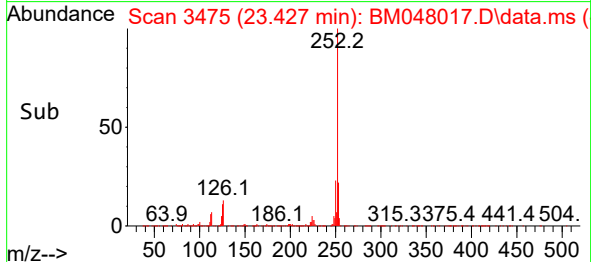
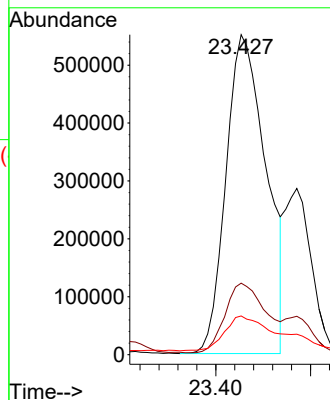
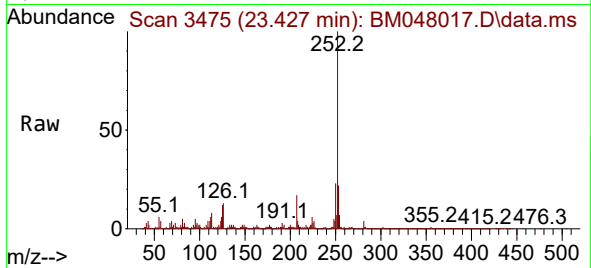
Tgt Ion:252 Resp: 1620493

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 12.1 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 21.385 ng/ul

RT: 23.427 min Scan# 3475

Delta R.T. -0.059 min

Lab File: BM048017.D

Acq: 11 Oct 2024 19:15

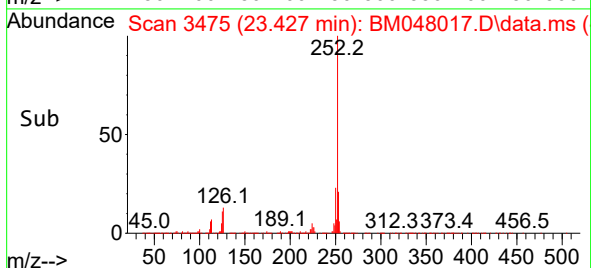
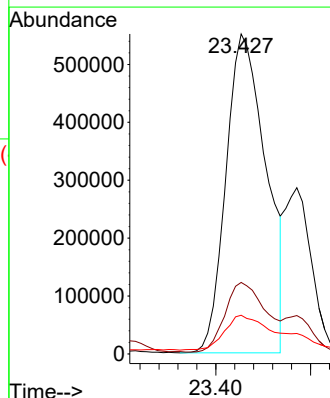
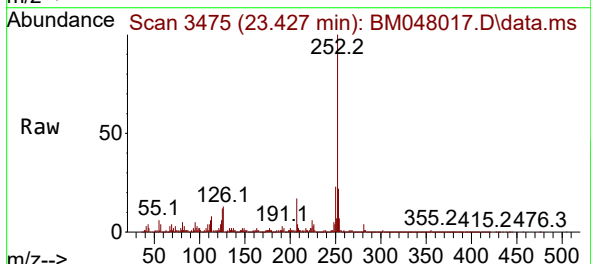
Tgt Ion:252 Resp: 1620493

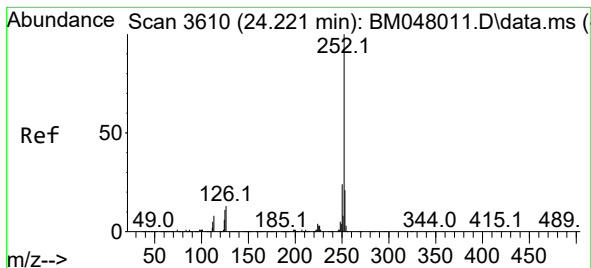
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 12.1 8.9 13.3





#93

Benzo(a)pyrene

Concen: 8.861 ng/ul

RT: 24.227 min Scan# 3611

Delta R.T. -0.006 min

Lab File: BM048017.D

Acq: 11 Oct 2024 19:15

Instrument :

BNA_M

ClientSampleId :

A4EN6

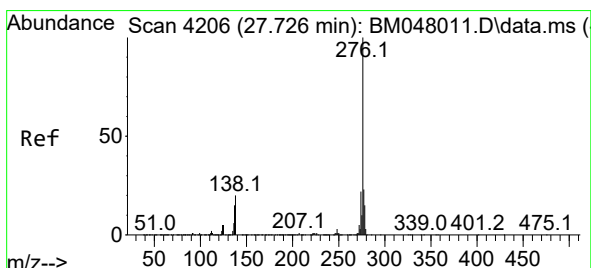
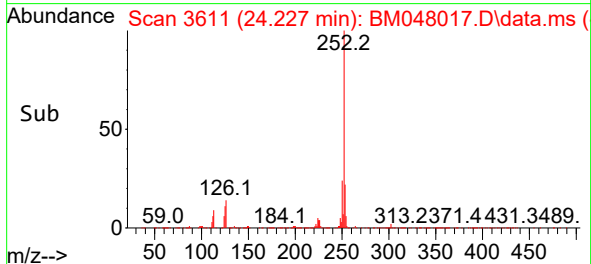
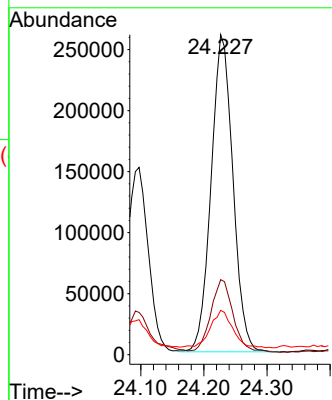
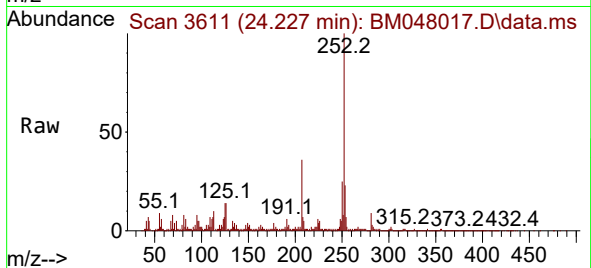
Tgt Ion:252 Resp: 623619

Ion Ratio Lower Upper

252 100

253 23.5 17.2 25.8

125 13.8 10.1 15.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.999 ng/ul

RT: 27.732 min Scan# 4207

Delta R.T. -0.012 min

Lab File: BM048017.D

Acq: 11 Oct 2024 19:15

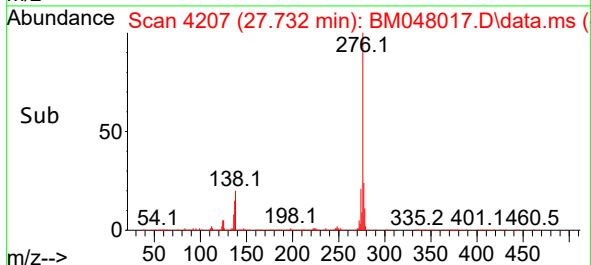
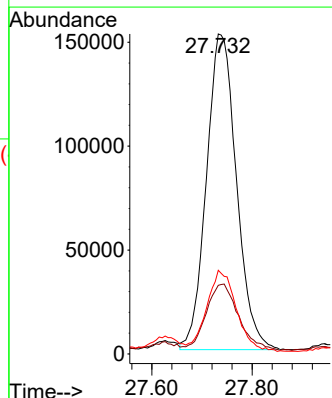
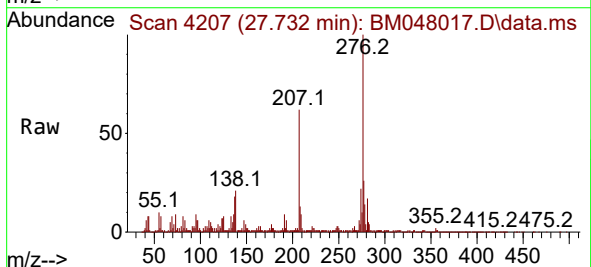
Tgt Ion:276 Resp: 631306

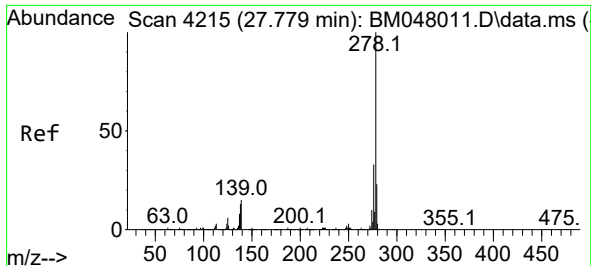
Ion Ratio Lower Upper

276 100

138 21.5 16.9 25.3

277 26.1 18.9 28.3

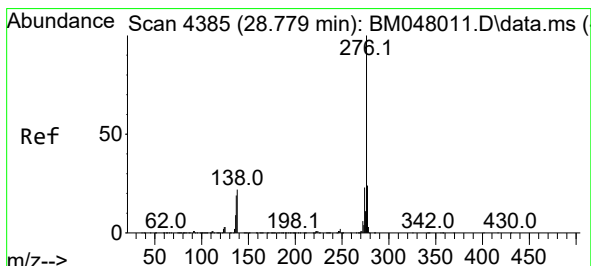
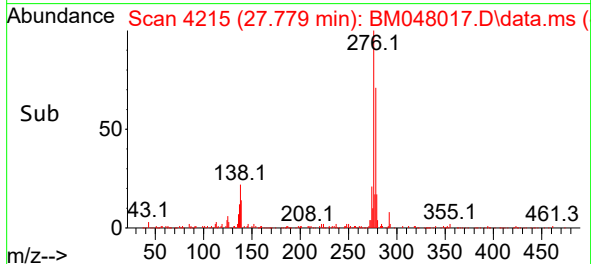
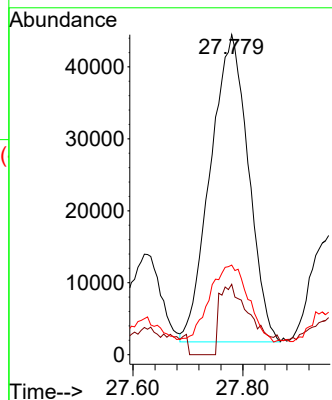
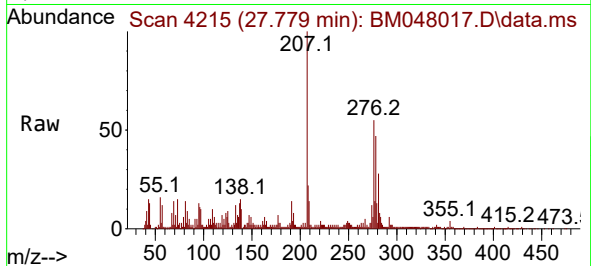




#95
 Dibenzo(a,h)anthracene
 Concen: 2.771 ng/ul
 RT: 27.779 min Scan# 4215
 Delta R.T. -0.018 min
 Lab File: BM048017.D
 Acq: 11 Oct 2024 19:15

Instrument :
 BNA_M
 ClientSampleId :
 A4EN6

Tgt Ion:278 Resp: 204846
 Ion Ratio Lower Upper
 278 100
 139 22.0 13.4 20.2#
 279 28.0 18.4 27.6#



#96
 Benzo(g,h,i)perylene
 Concen: 1.074 ng/ul
 RT: 28.785 min Scan# 4386
 Delta R.T. -0.006 min
 Lab File: BM048017.D
 Acq: 11 Oct 2024 19:15

Tgt Ion:276 Resp: 75901
 Ion Ratio Lower Upper
 276 100
 138 30.4 18.7 28.1#
 277 30.2 18.3 27.5#

