

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
 Data File : BM013140.D
 Acq On : 28 Nov 2017 17:21
 Operator : SJ/JU
 Sample : I6556-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0GC8

Quant Time: Nov 29 03:46:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 29 03:43:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	209424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	905971	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	555487	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1274185	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1275057	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	987644	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	9823	2.17	ng/uL	0.00
5) Phenol-d5	6.89	99	245693	13.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	158573	15.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	211207	14.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	206985	13.93	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	113999	17.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	121901	19.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	231027	14.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	232740	14.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	777185	15.95	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	955070	15.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	104551	14.15	ng/ul	0.00
57) Fluorene-d10	15.34	176	668189	16.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	104396	18.90	ng/ul	0.00
70) Anthracene-d10	17.19	188	1046865	16.05	ng/ul	0.00
76) Pyrene-d10	19.49	212	1131161	17.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	816169	16.30	ng/ul	0.00

Target Compounds

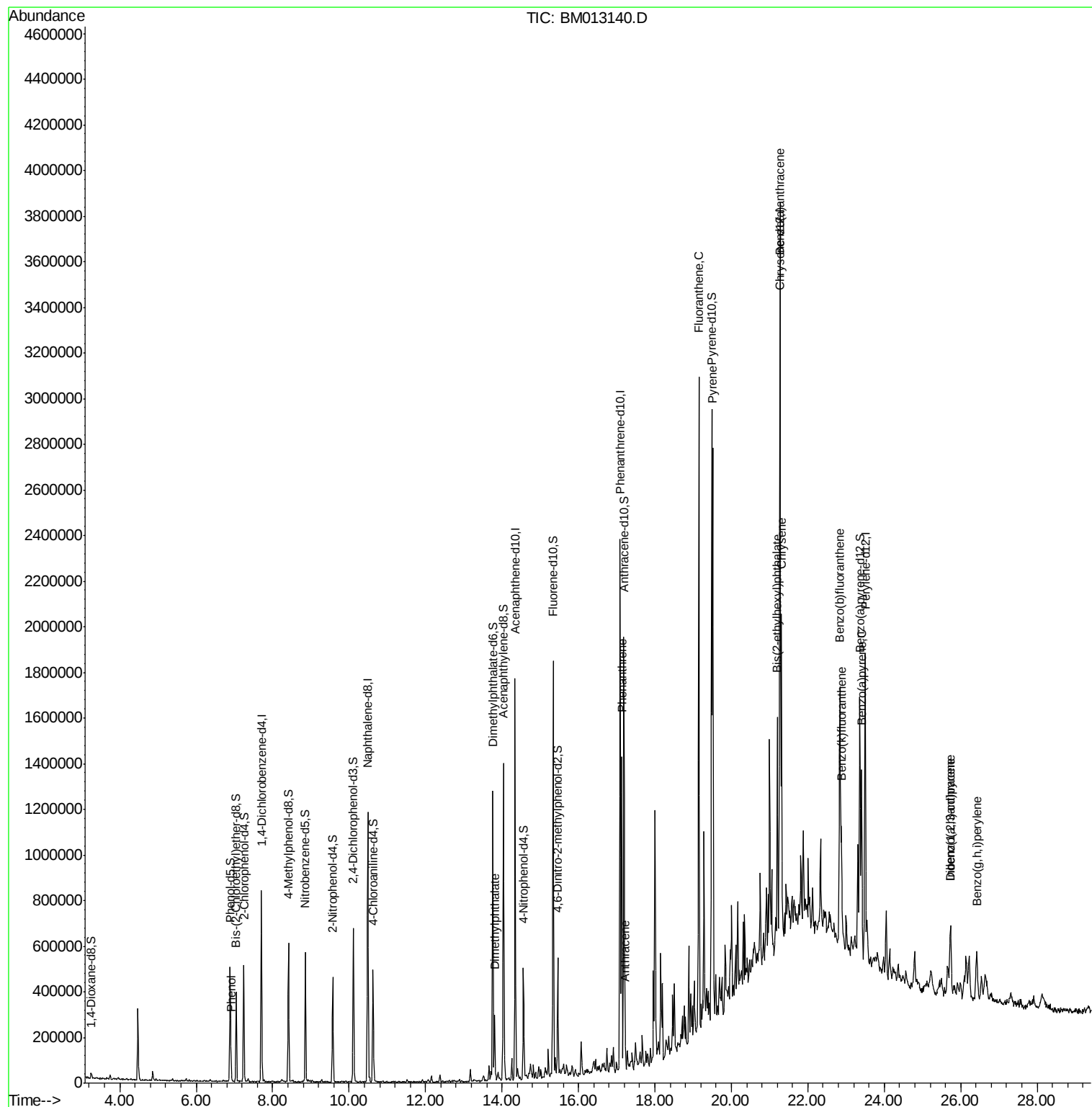
					Ovalue	
6) Phenol	6.92	94	32725	1.828	ng/ul	88
44) Dimethylphthalate	13.80	163	152574	3.275	ng/ul#	98
69) Phenanthrene	17.13	178	775521	10.821	ng/ul	100
71) Anthracene	17.22	178	104454	1.405	ng/ul	97
74) Fluoranthene	19.15	202	1574263	18.173	ng/ul#	93
77) Pyrene	19.52	202	1511904	19.043	ng/ul#	95
80) Benzo(a)anthracene	21.26	228	663117	8.126	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.20	149	316729	6.514	ng/ul#	99
82) Chrysene	21.31	228	809659	10.700	ng/ul	98
85) Benzo(b)fluoranthene	22.84	252	776066	12.159	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	265799	4.523	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	481735	8.105	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.73	276	308571	4.444	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.73	278	79429	1.350	ng/ul#	87
91) Benzo(g,h,i)perylene	26.42	276	273748	4.745	ng/ul#	95

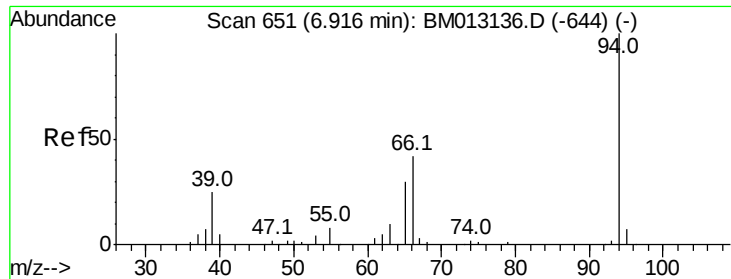
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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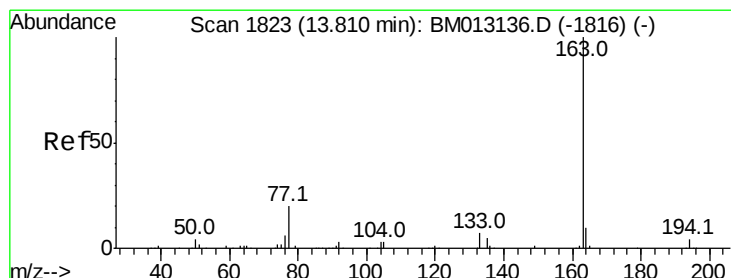
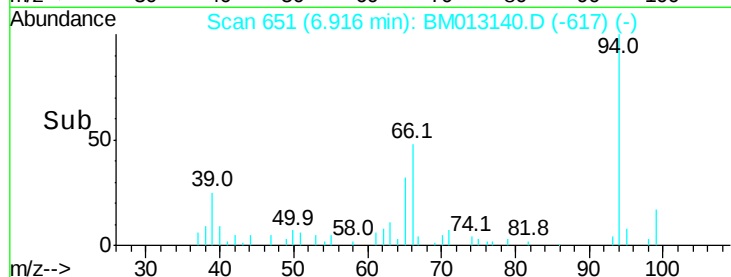
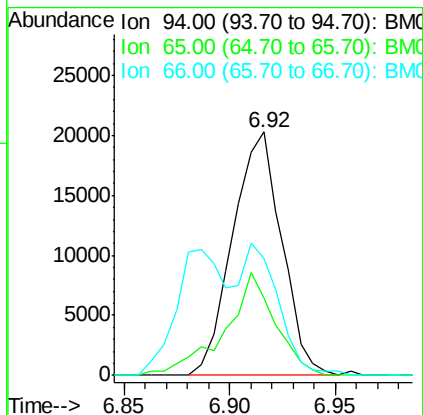
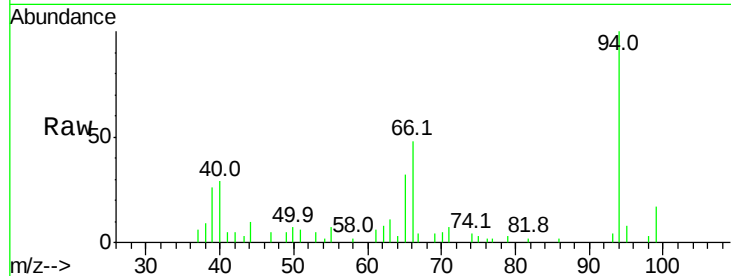
#6

Phenol

Concen: 1.828 ng/ul
 RT: 6.92 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BM013140.D
 Acq: 28 Nov 2017 17:21

Instrument :
 BNA_M
 ClientSampleId :
 B0GC8

Tot Ion: 94 Resp: 32725
 Ion Ratio Lower Upper
 94 100
 65 31.8 28.2 42.4
 66 47.9 47.2 70.8

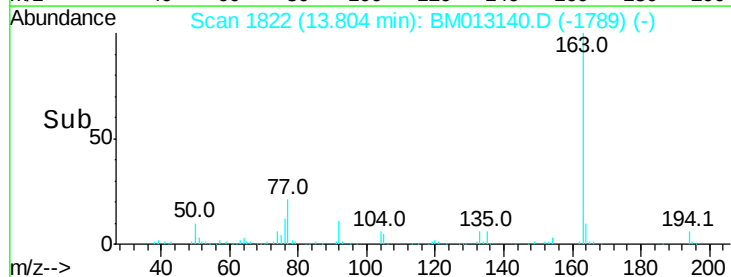
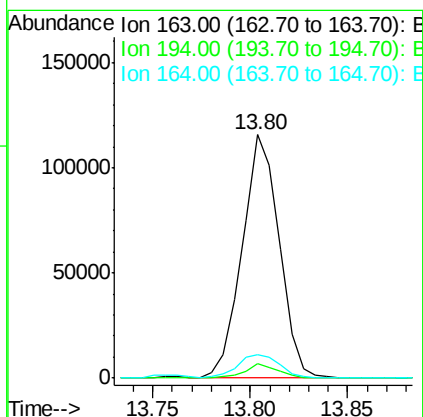
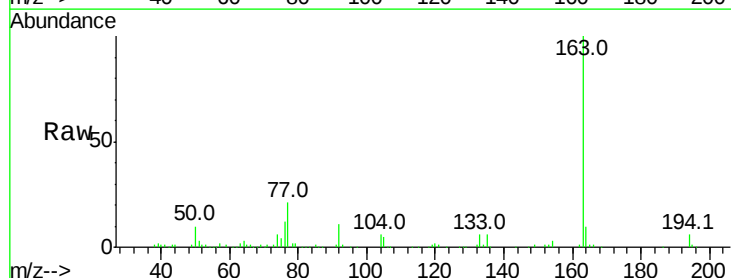


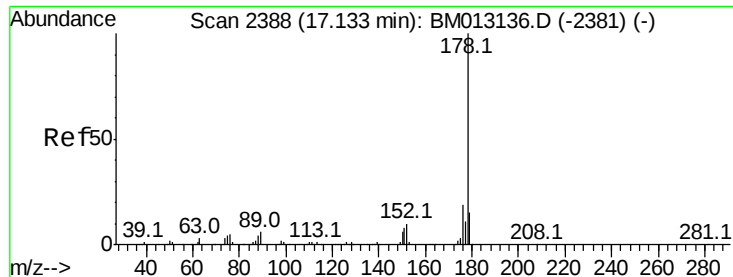
#44

Dimethylphthalate

Concen: 3.275 ng/ul
 RT: 13.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BM013140.D
 Acq: 28 Nov 2017 17:21

Tgt Ion: 163 Resp: 152574
 Ion Ratio Lower Upper
 163 100
 194 6.2 3.5 5.3#
 164 9.9 8.2 12.4





#69

Phenanthrene

Concen: 10.821 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

Instrument :

BNA_M

ClientSampleId :

B0GC8

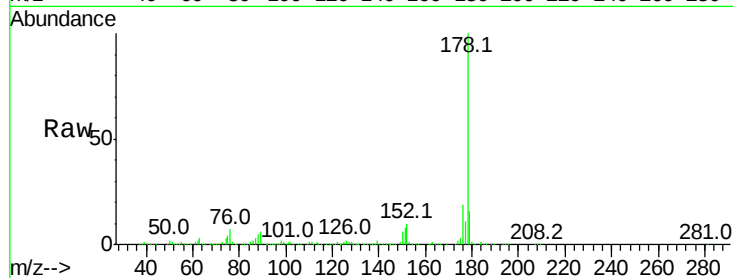
Tot Ion:178 Resp: 775521

Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

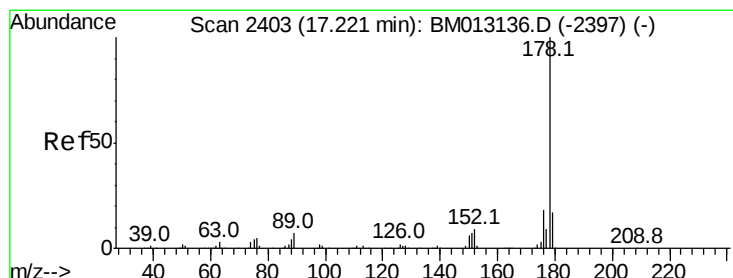
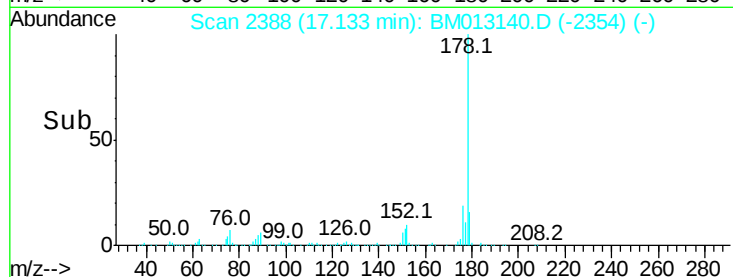
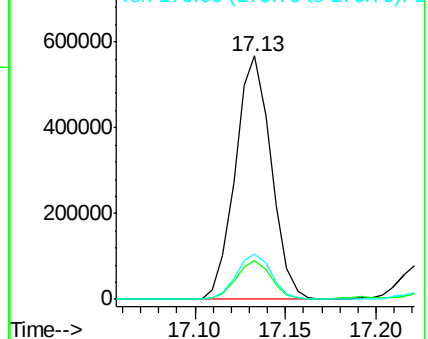
176 18.7 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.405 ng/ul

RT: 17.22 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

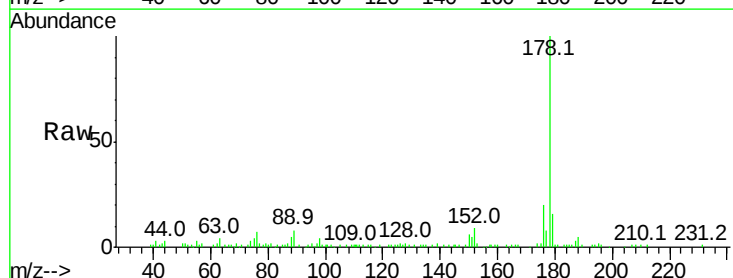
Tgt Ion:178 Resp: 104454

Ion Ratio Lower Upper

178 100

179 15.7 11.7 17.5

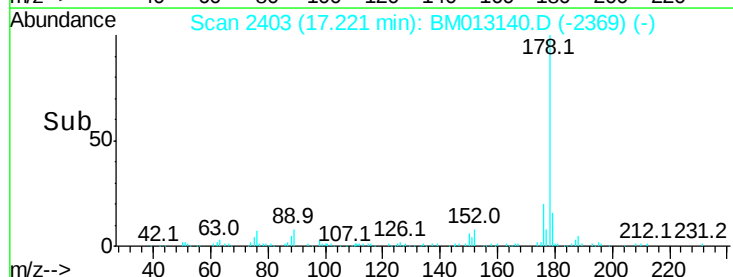
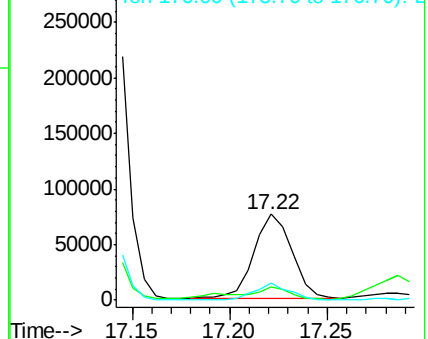
176 19.7 14.6 21.8

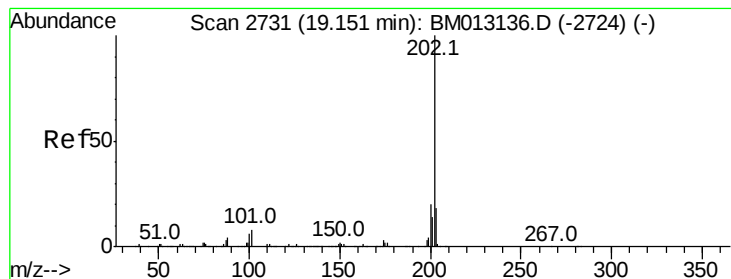


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 18.173 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

Instrument :

BNA_M

ClientSampleId :

B0GC8

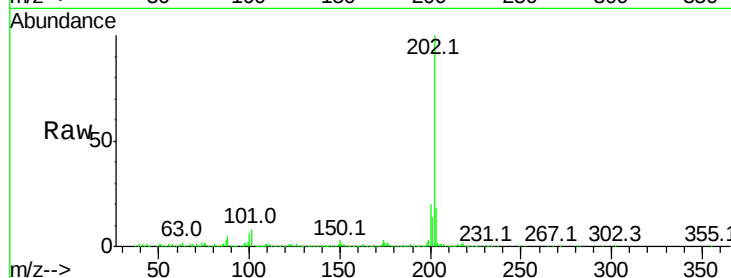
Tot Ion:202 Resp: 1574263

Ion Ratio Lower Upper

202 100

101 8.4 4.6 7.0#

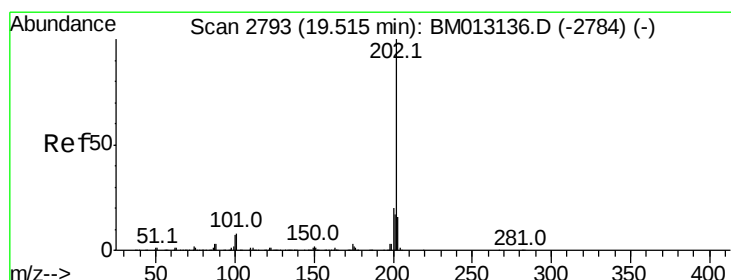
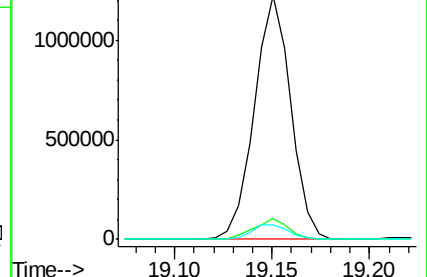
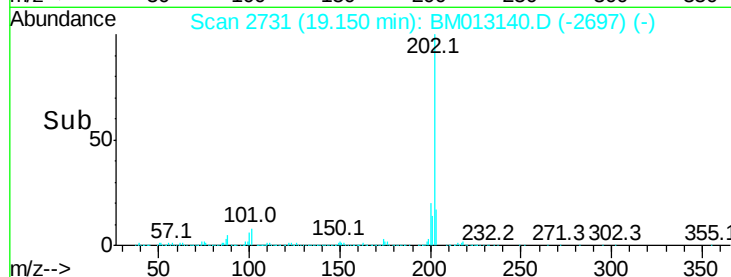
100 6.0 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 19.043 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

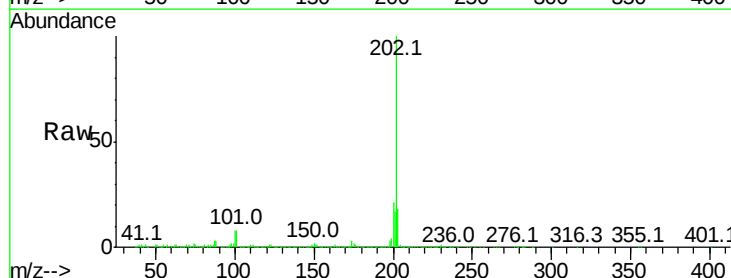
Tgt Ion:202 Resp: 1511904

Ion Ratio Lower Upper

202 100

101 8.3 5.1 7.7#

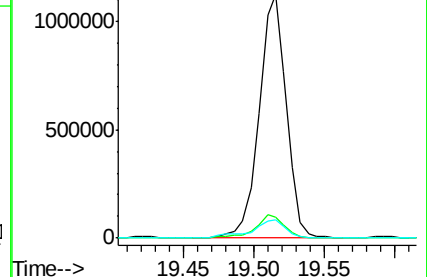
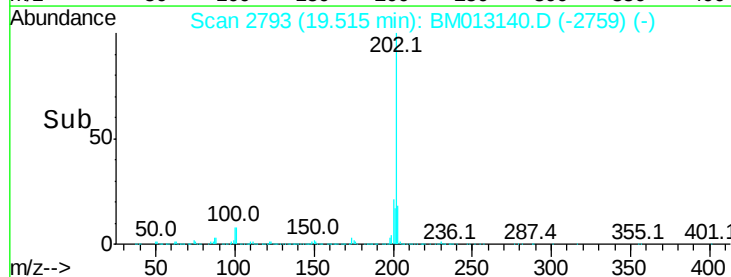
100 7.5 4.9 7.3#

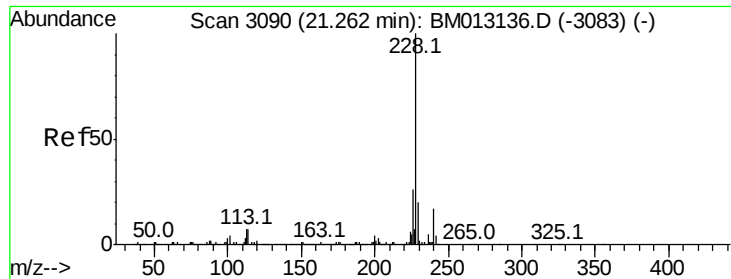


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 8.126 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

Instrument :

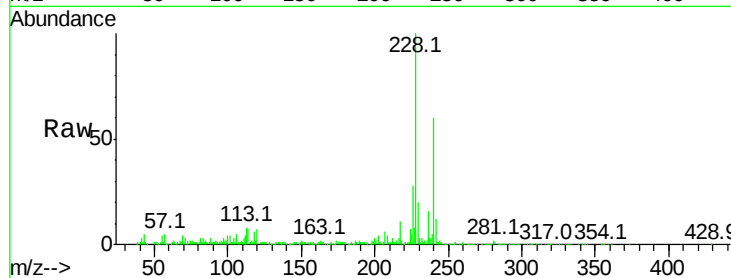
BNA_M

ClientSampleId :

B0GC8

Tot Ion:228 Resp: 663117

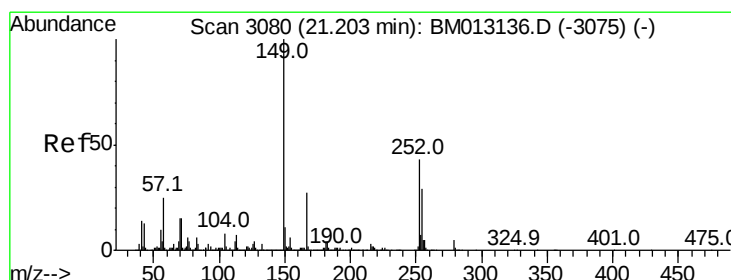
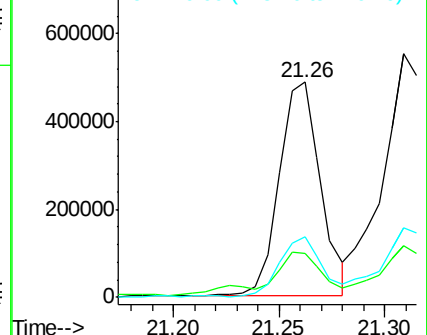
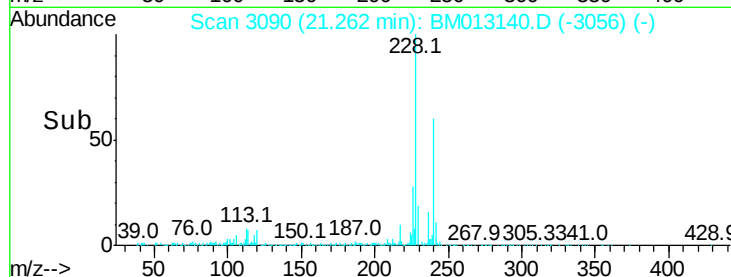
Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	28.0	21.4	32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 6.514 ng/ul

RT: 21.20 min Scan# 3080

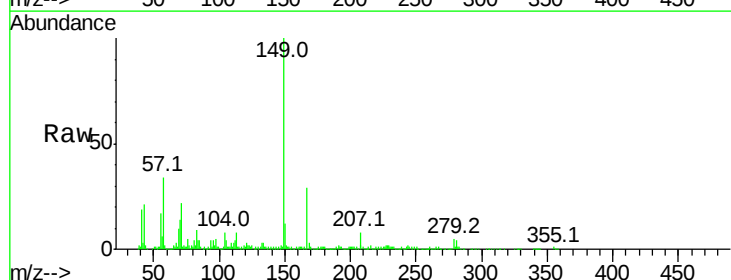
Delta R.T. -0.00 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

Tgt Ion:149 Resp: 316729

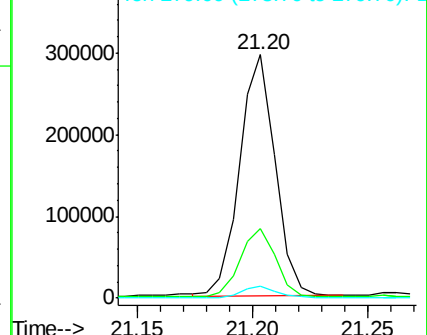
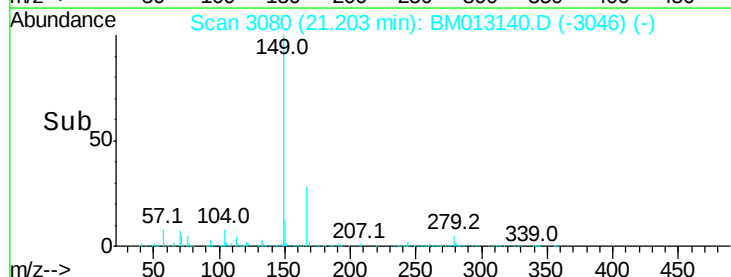
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.8	34.2
279	4.9	4.9	7.3

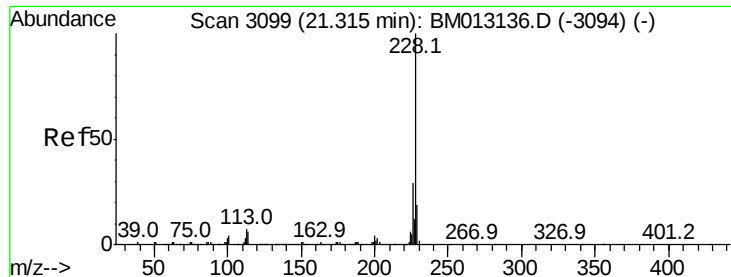


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 10.700 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

Instrument :

BNA_M

ClientSampleId :

B0GC8

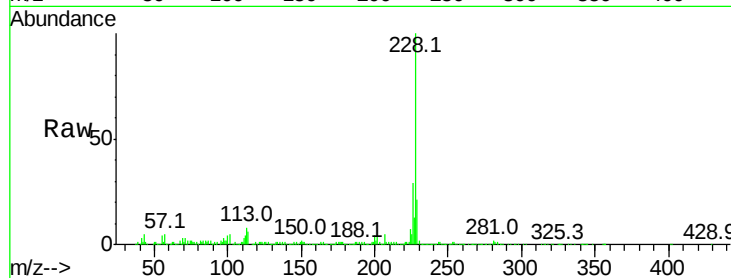
Tot Ion:228 Resp: 809659

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.2

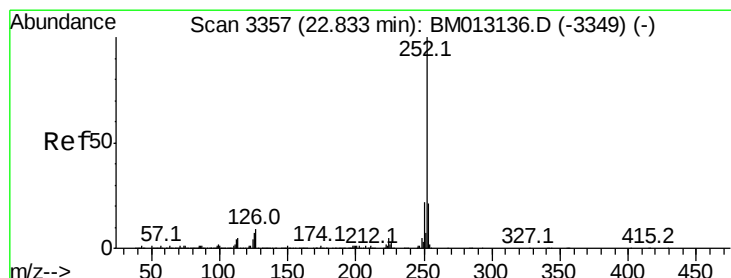
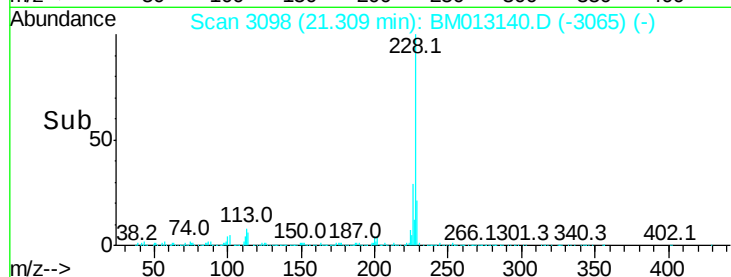
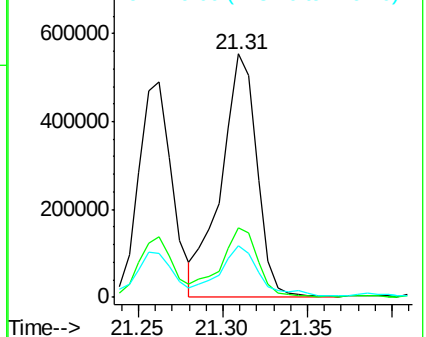
229 21.3 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 12.159 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

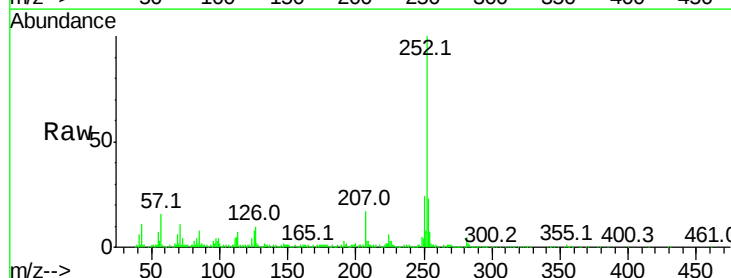
Tgt Ion:252 Resp: 776066

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

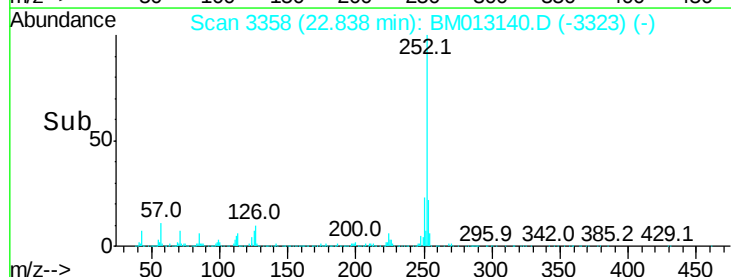
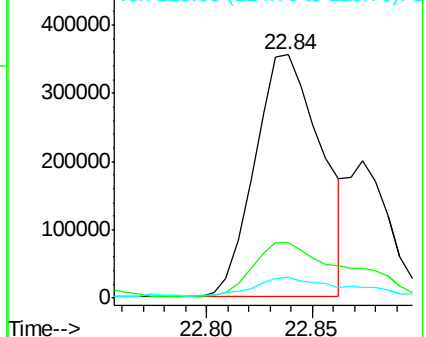
125 8.4 3.6 5.4#

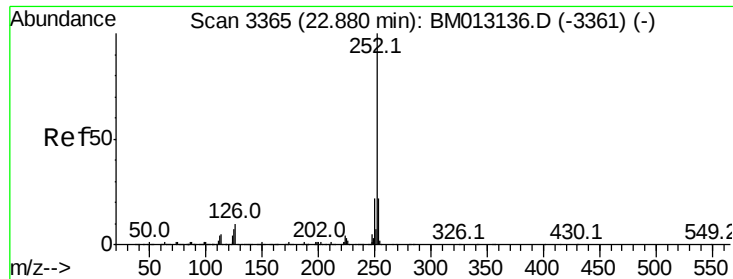


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 4.523 ng/ul

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

Instrument :

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ClientSampleId :

B0GC8

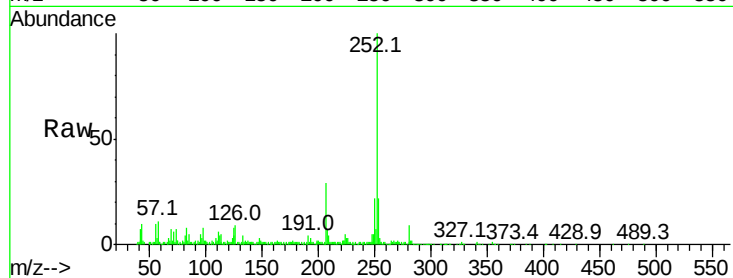
Tot Ion:252 Resp: 265799

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

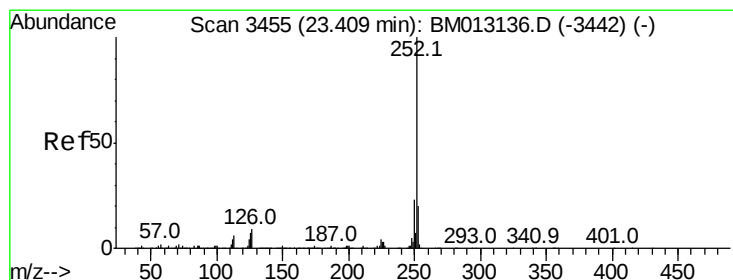
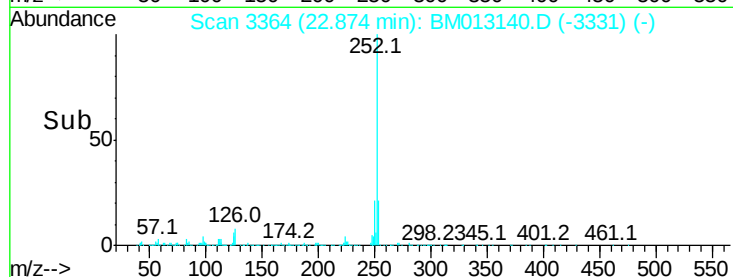
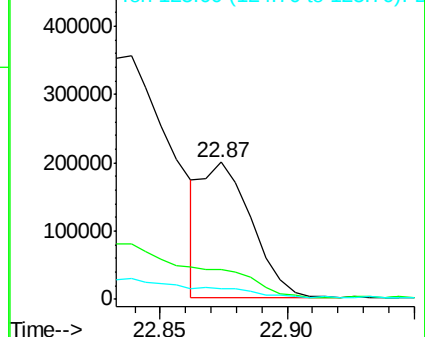
125 8.0 3.4 5.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 8.105 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

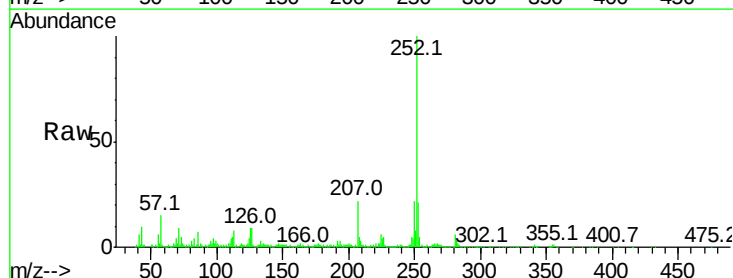
Tgt Ion:252 Resp: 481735

Ion Ratio Lower Upper

252 100

253 20.8 18.2 27.2

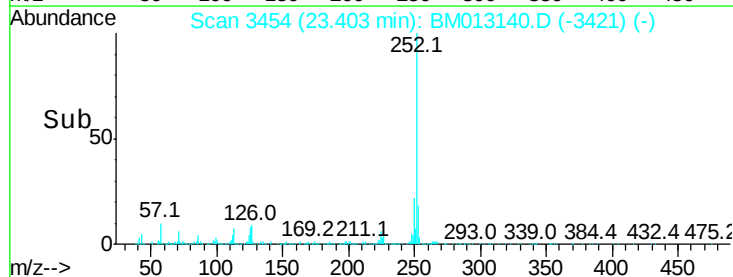
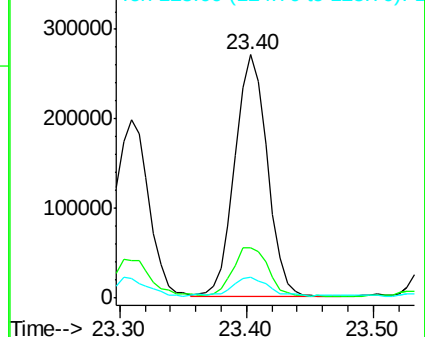
125 8.8 4.0 6.0#

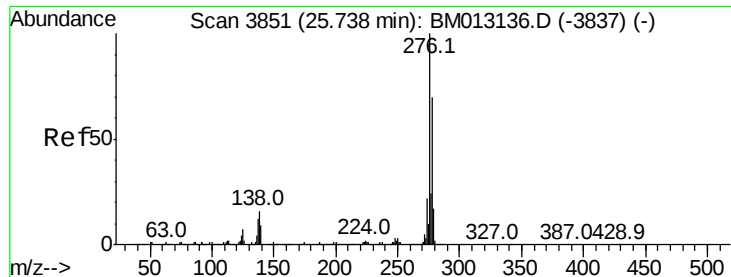


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 4.444 ng/ul

RT: 25.73 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

Instrument :

BNA_M

ClientSampleId :

B0GC8

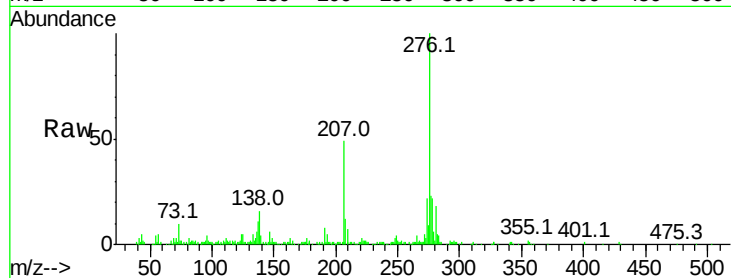
Tot Ion:276 Resp: 308571

Ion Ratio Lower Upper

276 100

138 16.1 9.3 13.9#

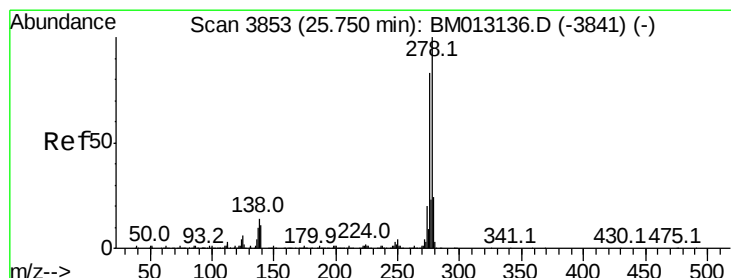
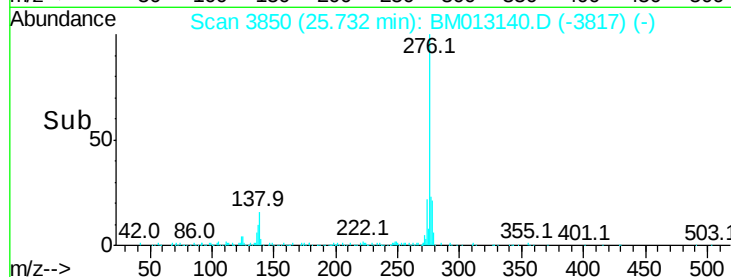
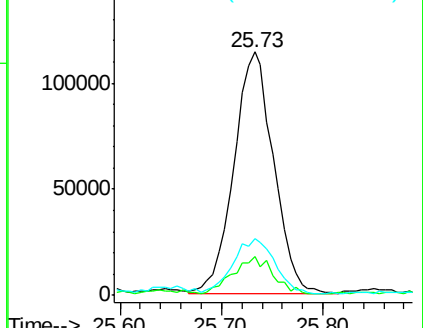
277 23.3 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#90

Dibenzo(a,h)anthracene

Concen: 1.350 ng/ul

RT: 25.73 min Scan# 3850

Delta R.T. -0.02 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

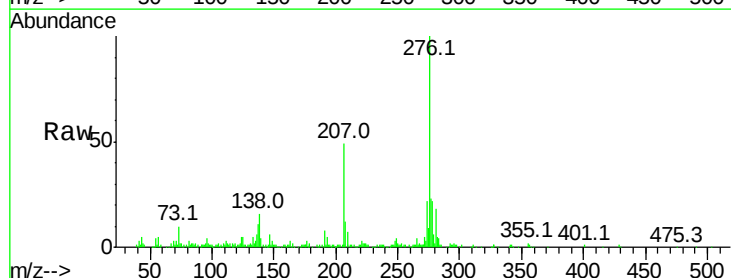
Tgt Ion:278 Resp: 79429

Ion Ratio Lower Upper

278 100

139 15.8 5.8 8.8#

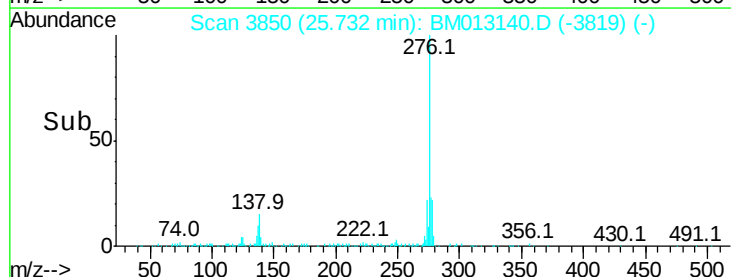
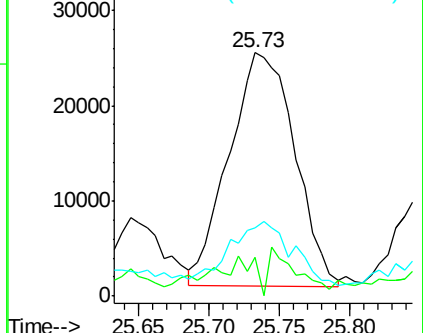
279 28.0 18.6 27.8#

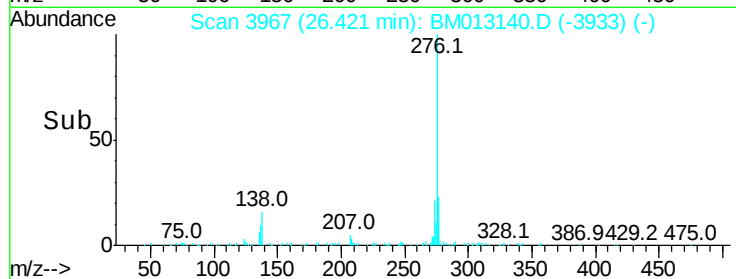
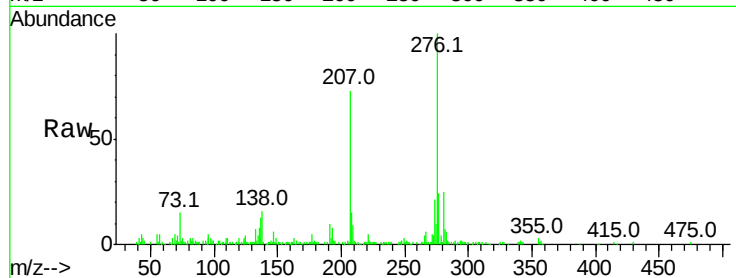
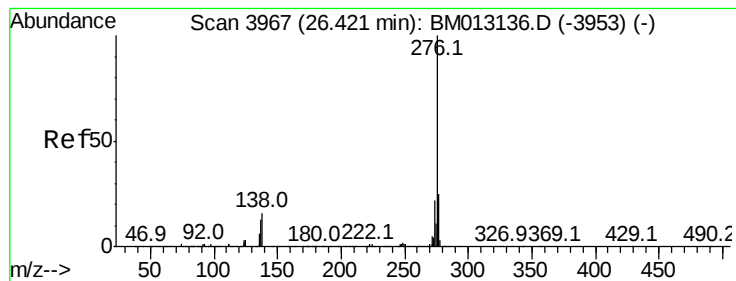


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 4.745 ng/ul

RT: 26.42 min Scan# 3967

Delta R.T. -0.00 min

Lab File: BM013140.D

Acq: 28 Nov 2017 17:21

Instrument :

BNA_M

ClientSampleId :

B0GC8

Tot Ion:276 Resp: 273748

Ion Ratio Lower Upper

276 100

138 15.9 8.5 12.7#

277 23.6 18.6 28.0

