

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
 Data File : BM013142.D
 Acq On : 28 Nov 2017 18:32
 Operator : SJ/JU
 Sample : I6556-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0GD5

Quant Time: Nov 29 03:46:54 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	203982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	908360	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	562564	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1259657	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1023206	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	782811	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	12662	2.88	ng/uL	0.00
5) Phenol-d5	6.89	99	292092	16.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	183093	18.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	242130	17.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	243140	16.80	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	130433	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	139461	22.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	262384	16.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	309882	18.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	891198	18.06	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1084643	17.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	111595	14.91	ng/ul	0.00
57) Fluorene-d10	15.34	176	738619	17.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	108020	19.78	ng/ul	0.00
70) Anthracene-d10	17.19	188	1148587	17.81	ng/ul	0.00
76) Pyrene-d10	19.49	212	1128539	21.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	728023	18.34	ng/ul	0.00

Target Compounds

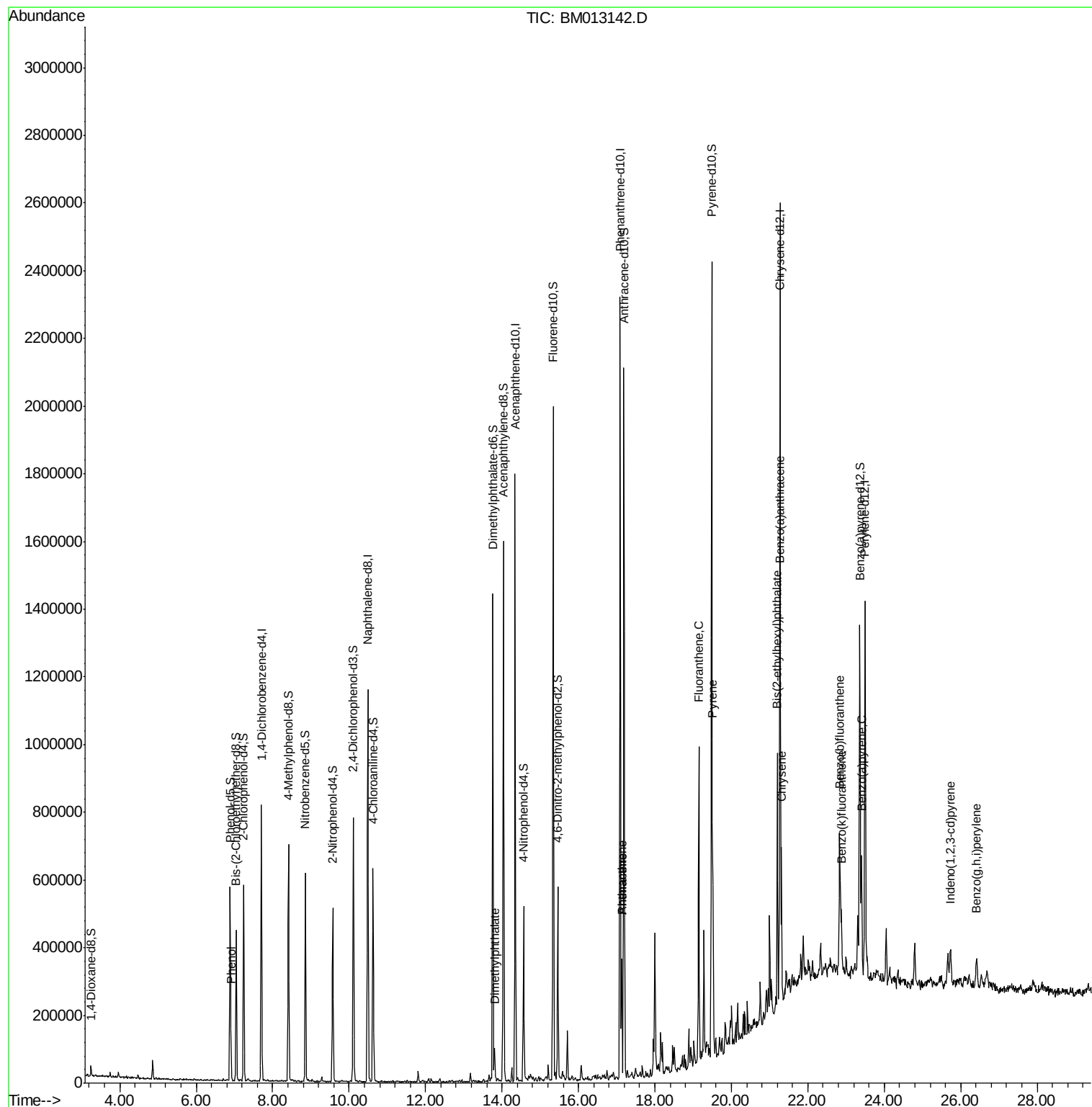
					Ovalue	
6) Phenol	6.91	94	26413	1.51	ng/ul#	81
44) Dimethylphthalate	13.80	163	51359	1.09	ng/ul	98
69) Phenanthrene	17.13	178	208834	2.95	ng/ul	99
71) Anthracene	17.13	178	208834	2.84	ng/ul	98
74) Fluoranthene	19.15	202	513892	6.00	ng/ul#	94
77) Pyrene	19.52	202	488353	7.66	ng/ul#	94
80) Benzo(a)anthracene	21.26	228	215958	3.30	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.20	149	248074	6.36	ng/ul	99
82) Chrysene	21.31	228	251781	4.15	ng/ul	94
85) Benzo(b)fluoranthene	22.83	252	266516	5.27	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	86128	1.85	ng/ul#	89
88) Benzo(a)pyrene	23.40	252	161492	3.43	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	113606	2.06	ng/ul#	93
91) Benzo(g,h,i)perylene	26.41	276	102258	2.24	ng/ul#	96

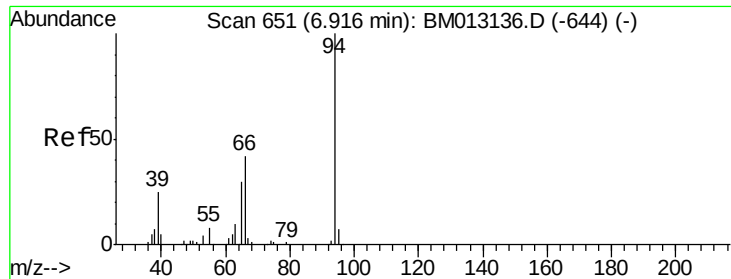
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.51 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

Instrument :

BNA_M

ClientSampleId :

B0GD5

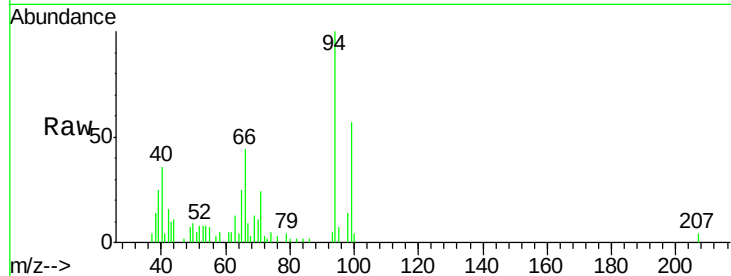
Tot Ion: 94 Resp: 26413

Ion Ratio Lower Upper

94 100

65 25.1 28.2 42.4#

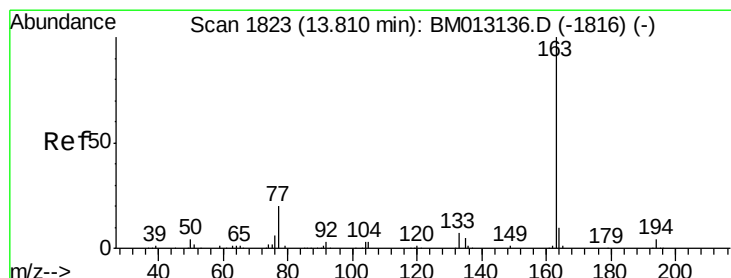
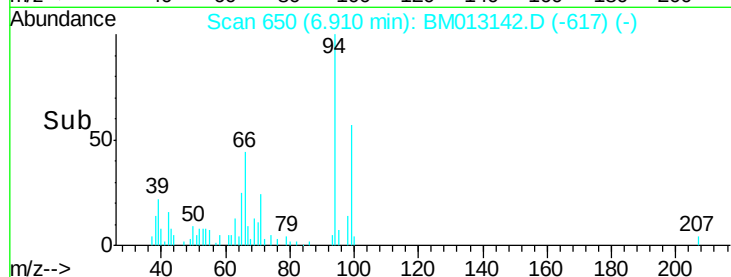
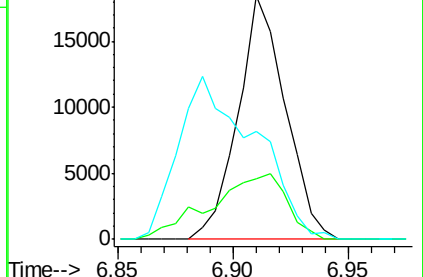
66 44.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013136.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013136.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013136.D (-644) (-)



#44

Dimethylphthalate

Concen: 1.09 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

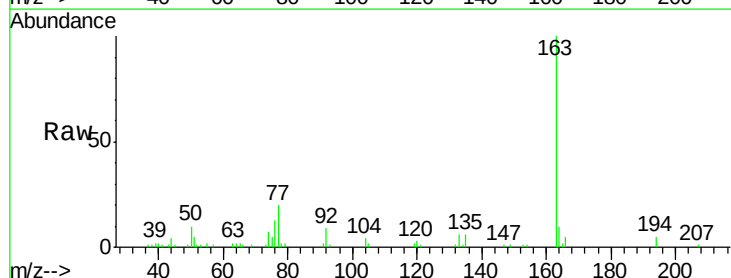
Tgt Ion:163 Resp: 51359

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

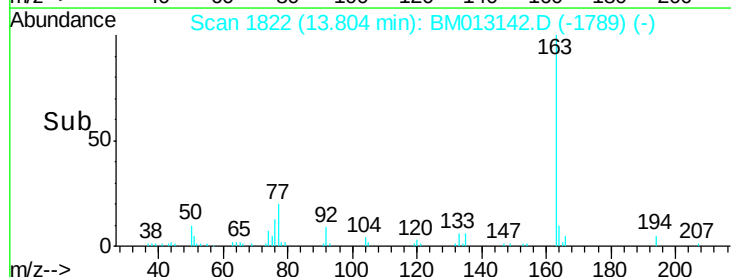
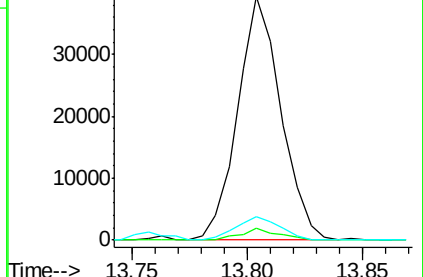
164 9.5 8.2 12.4

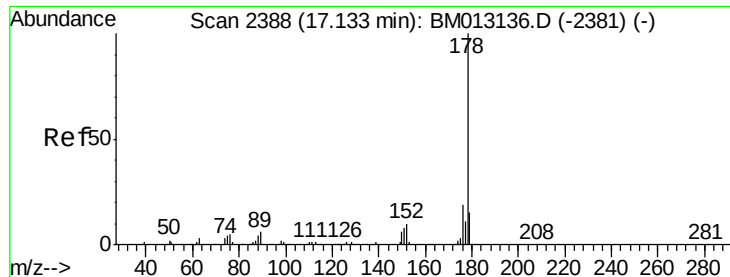


Abundance Ion 163.00 (162.70 to 163.70): BM013136.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM013136.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM013136.D (-1816) (-)





#69

Phenanthrene

Concen: 2.95 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

Instrument :

BNA_M

ClientSampleId :

B0GD5

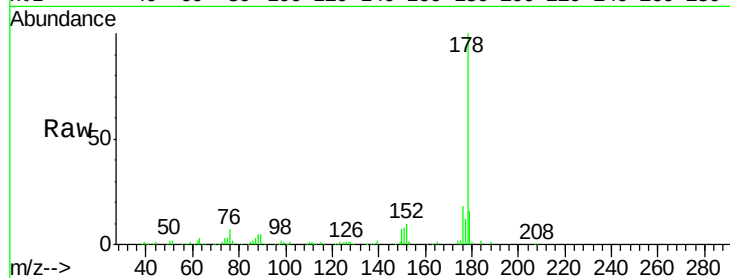
Tot Ion:178 Resp: 208834

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

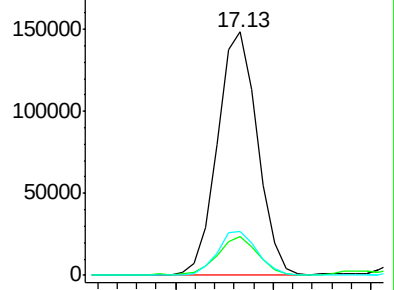
176 17.8 14.9 22.3



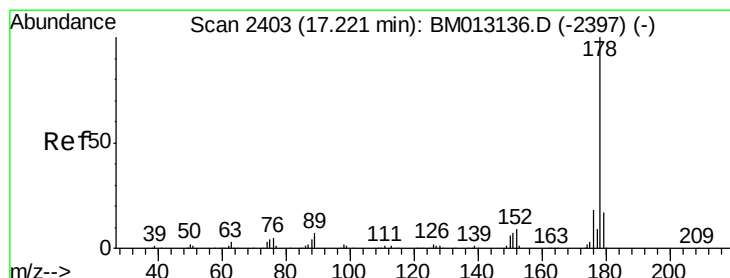
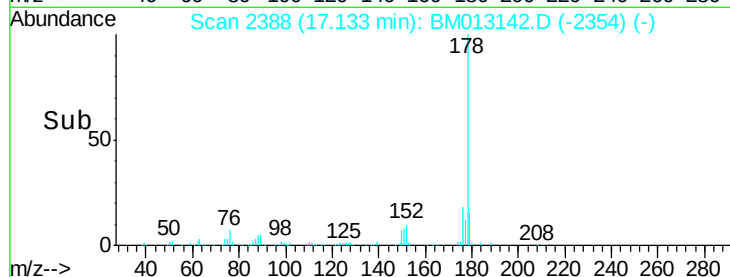
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 2.84 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.09 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

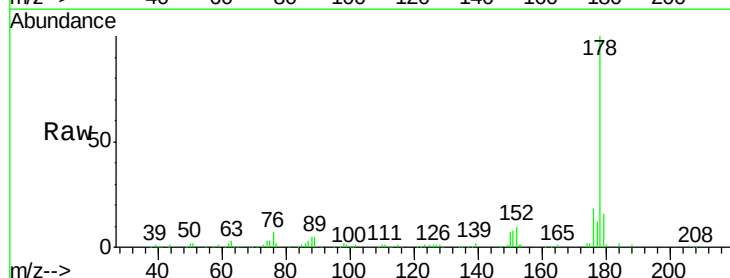
Tgt Ion:178 Resp: 208834

Ion Ratio Lower Upper

178 100

179 15.7 11.7 17.5

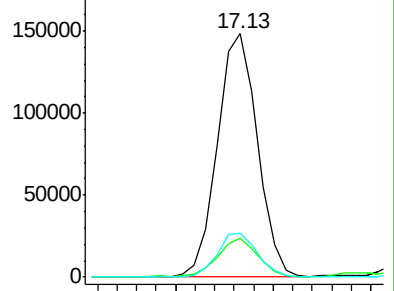
176 17.8 14.6 21.8



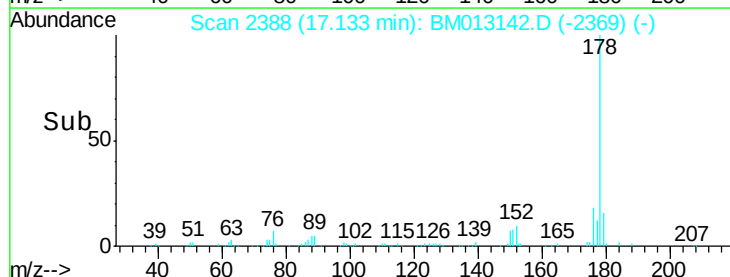
Abundance Ion 178.00 (177.70 to 178.70): E

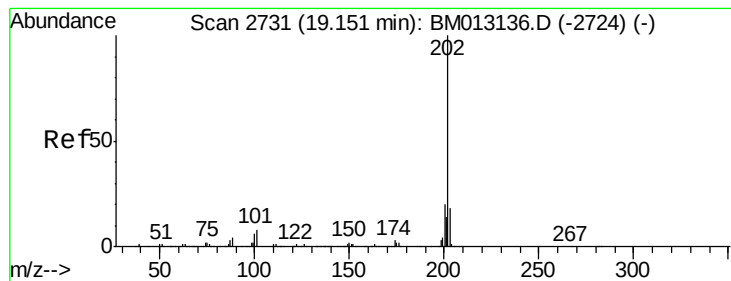
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#74

Fluoranthene

Concen: 6.00 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

Instrument :

BNA_M

ClientSampled :

B0GD5

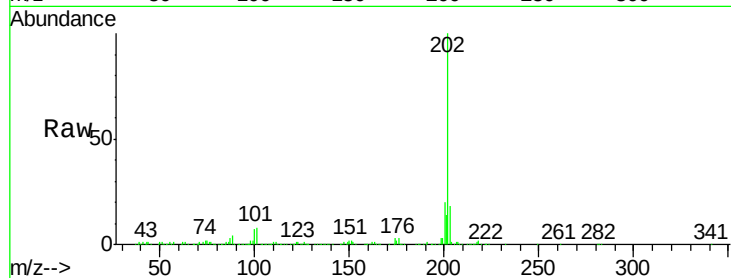
Tot Ion:202 Resp: 513892

Ion Ratio Lower Upper

202 100

101 7.9 4.6 7.0#

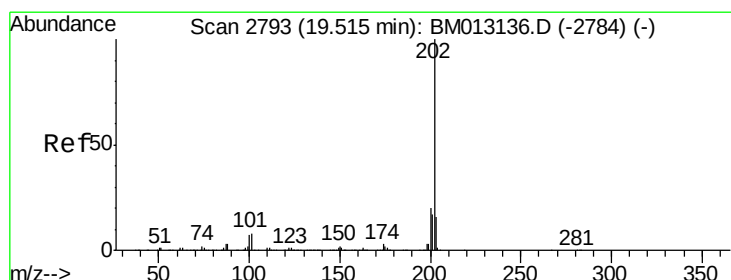
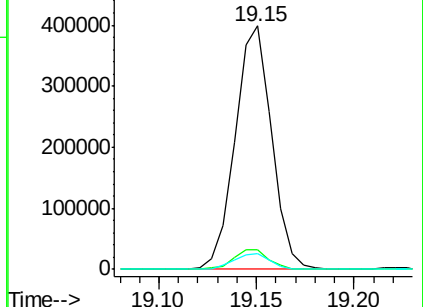
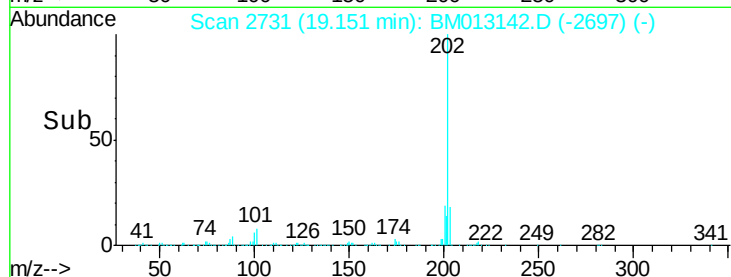
100 6.5 3.4 5.2#



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: 7.66 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

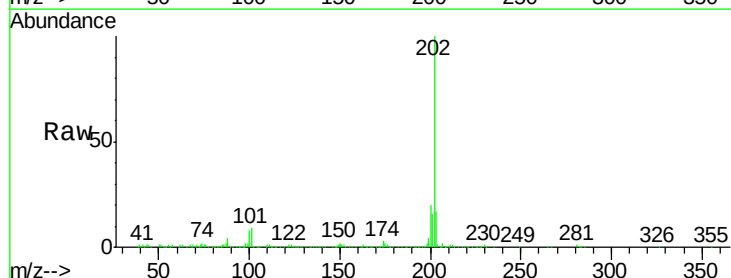
Tgt Ion:202 Resp: 488353

Ion Ratio Lower Upper

202 100

101 8.8 5.1 7.7#

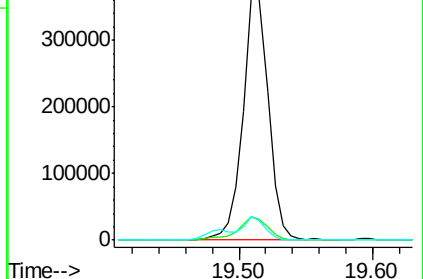
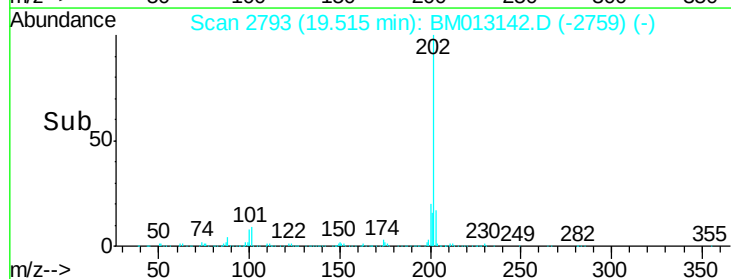
100 7.9 4.9 7.3#

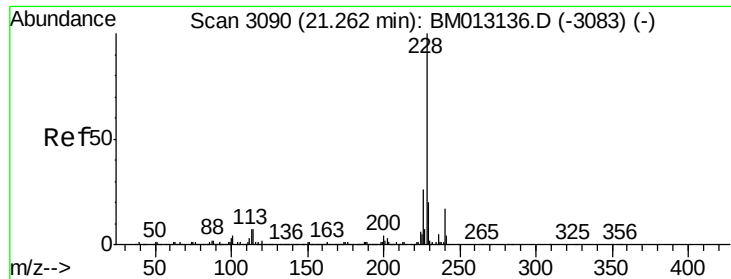


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.30 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

Instrument :

BNA_M

ClientSampleId :

B0GD5

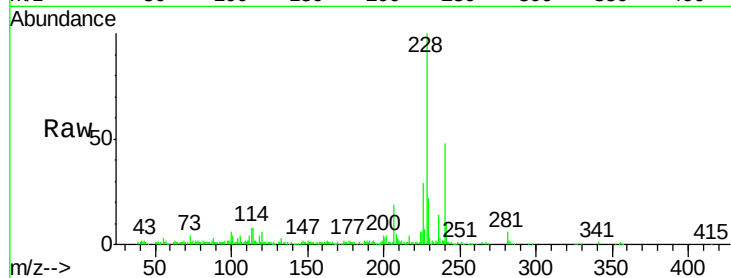
Tot Ion:228 Resp: 215958

Ion Ratio Lower Upper

228 100

229 22.2 15.4 23.0

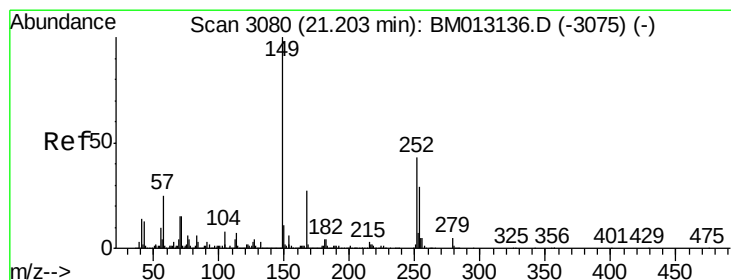
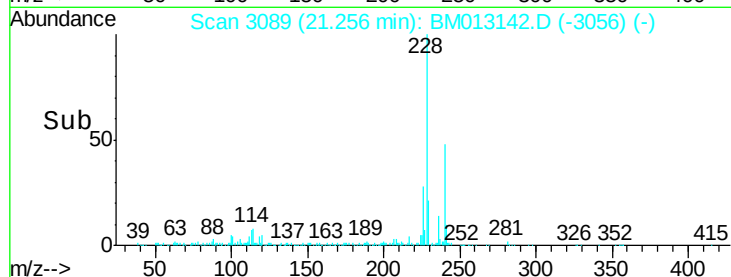
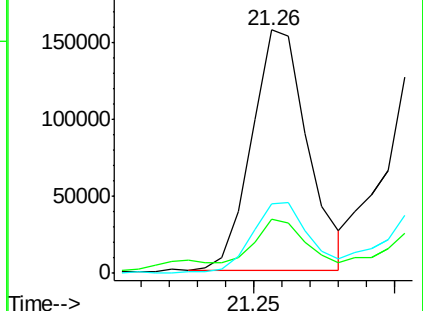
226 28.6 21.4 32.0



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: 6.36 ng/ul

RT: 21.20 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

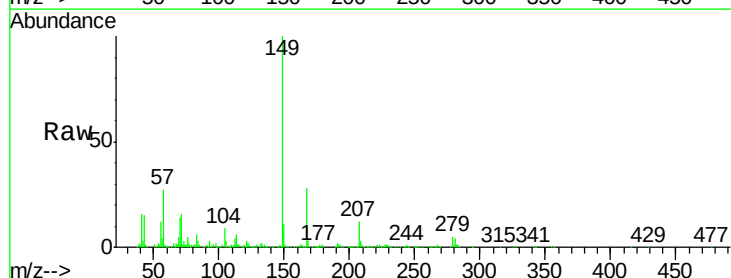
Tgt Ion:149 Resp: 248074

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

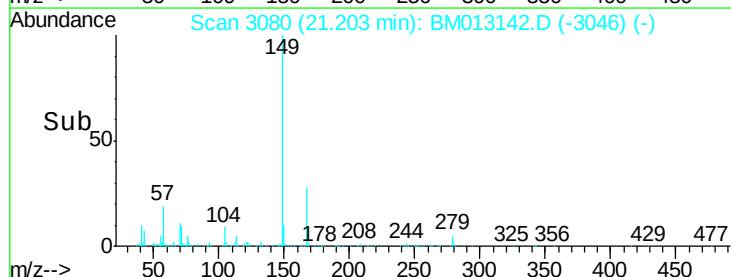
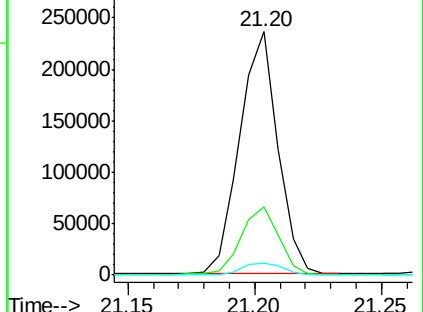
279 5.0 4.9 7.3

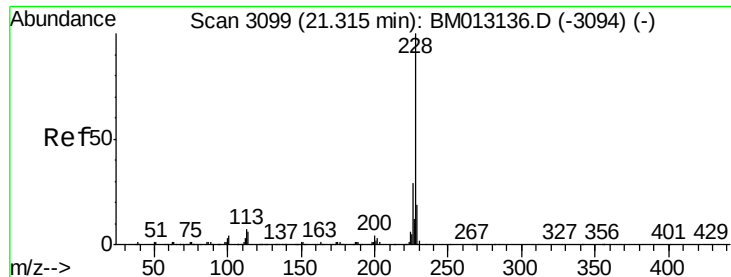


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 4.15 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

Instrument :

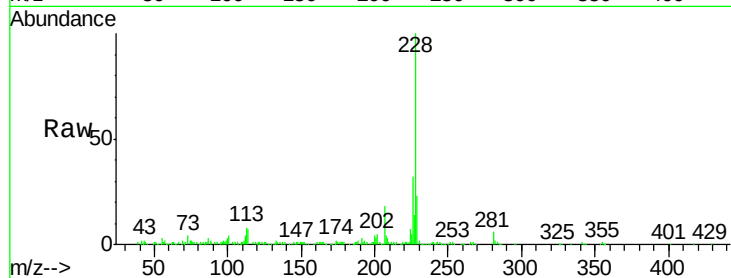
BNA_M

ClientSampleId :

B0GD5

Tot Ion:228 Resp: 251781

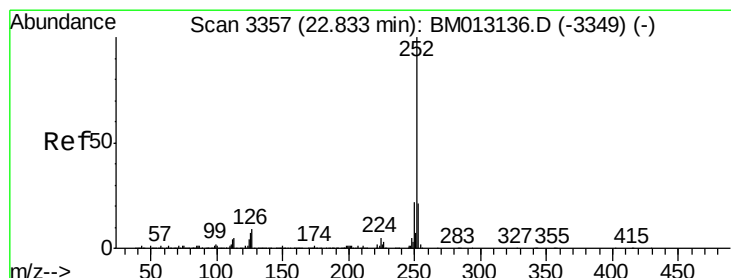
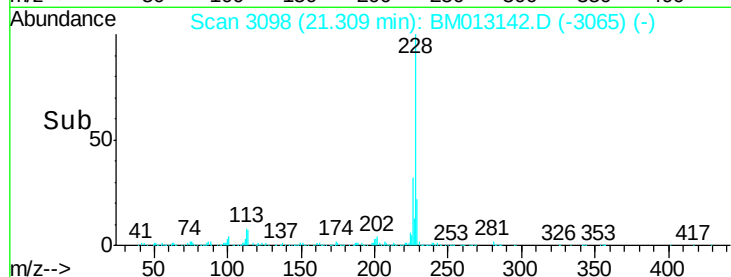
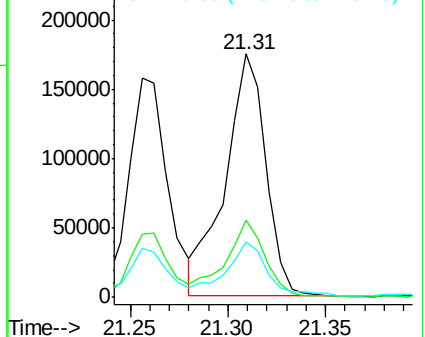
Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.2
229	22.6	15.5	23.3



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: 5.27 ng/ul

RT: 22.83 min Scan# 3357

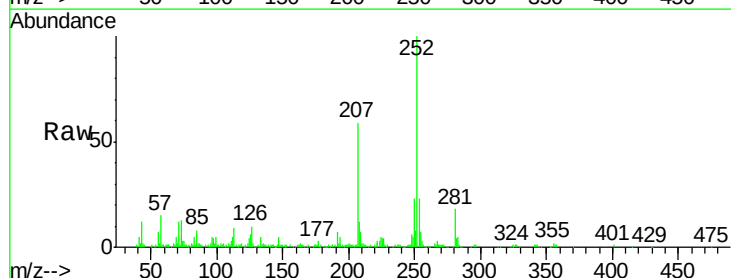
Delta R.T. -0.00 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

Tgt Ion:252 Resp: 266516

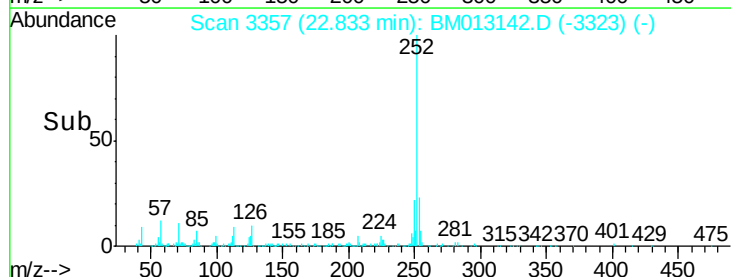
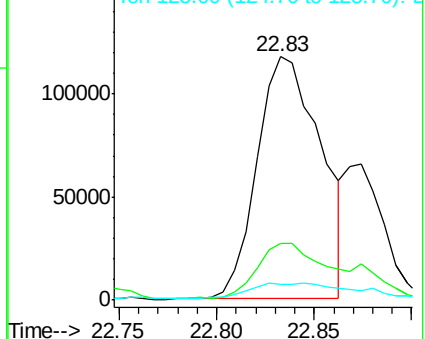
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	6.5	3.6	5.4#

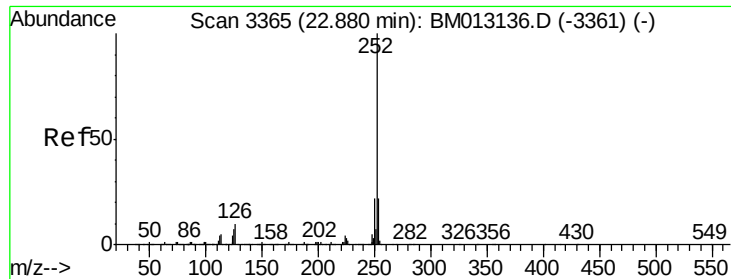


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

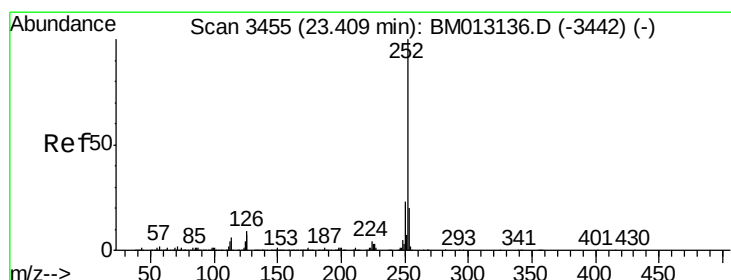
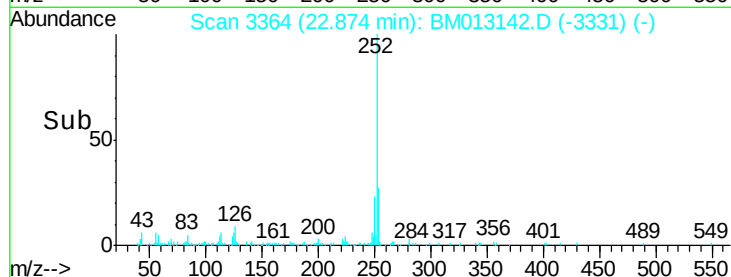
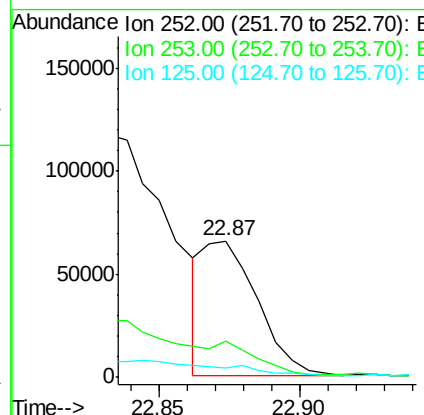
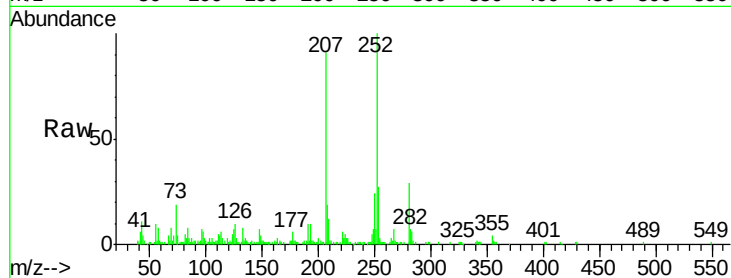




#86
Benzo(k)fluoranthene
Concen: 1.85 ng/ul
RT: 22.87 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

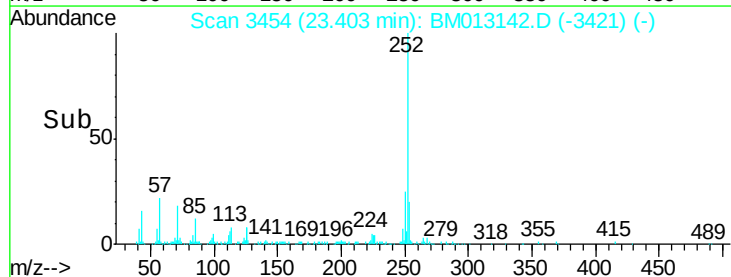
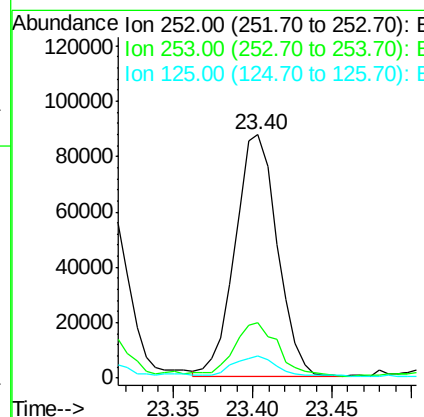
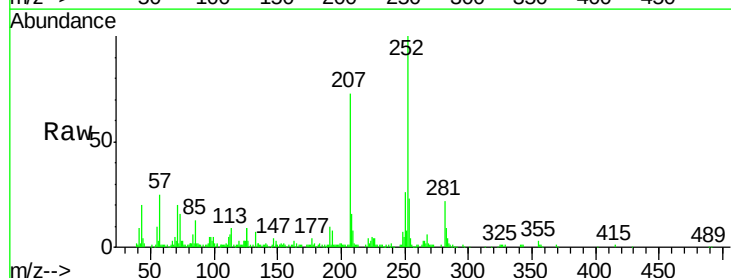
Instrument :
BNA_M
ClientSampleId :
B0GD5

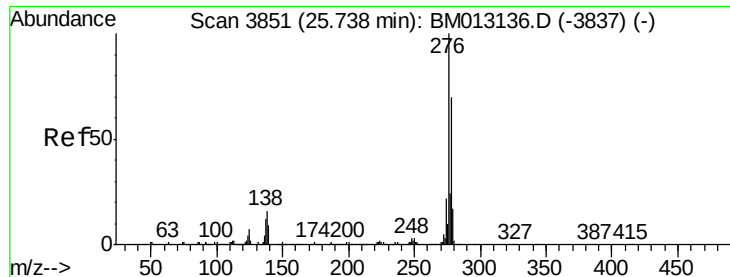
Tot Ion:252 Resp: 86128
Ion Ratio Lower Upper
252 100
253 26.8 17.1 25.7#
125 7.0 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 3.43 ng/ul
RT: 23.40 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Tgt Ion:252 Resp: 161492
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 8.9 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.06 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

Instrument :

BNA_M

ClientSampleId :

B0GD5

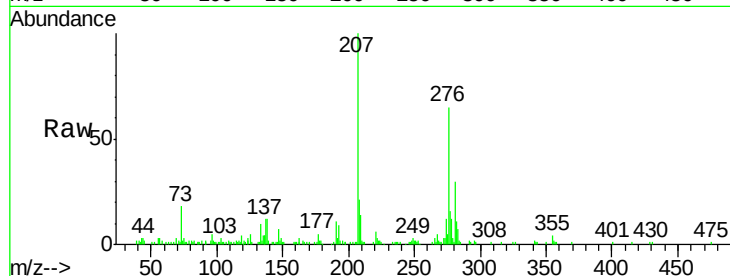
Tot Ion:276 Resp: 113606

Ion Ratio Lower Upper

276 100

138 18.4 9.3 13.9#

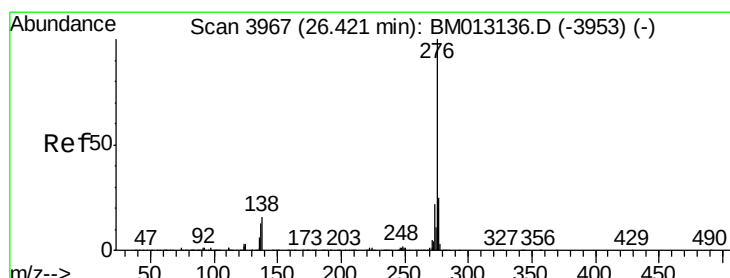
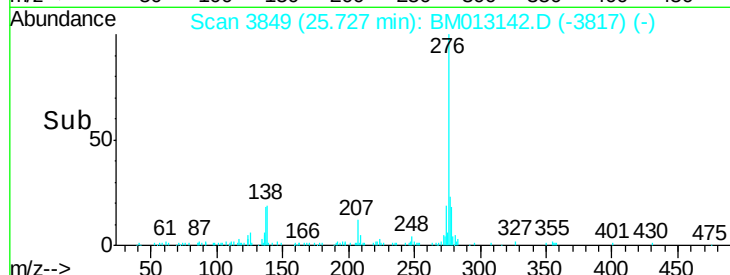
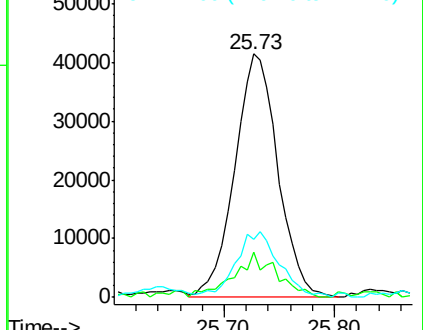
277 23.9 19.9 29.9



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



#91

Benzo(g,h,i)perylene

Concen: 2.24 ng/ul

RT: 26.41 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BM013142.D

Acq: 28 Nov 2017 18:32

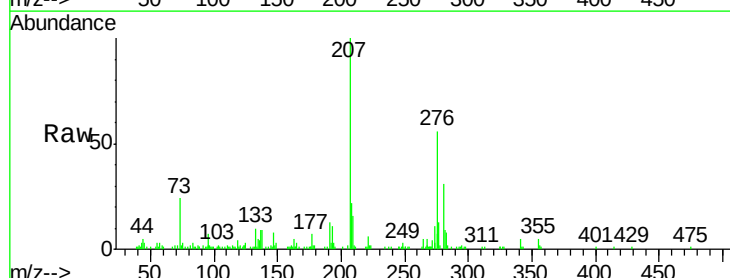
Tgt Ion:276 Resp: 102258

Ion Ratio Lower Upper

276 100

138 15.4 8.5 12.7#

277 23.6 18.6 28.0



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

