

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071516\
 Data File : BM006462.D
 Acq On : 16 Jul 2016 03:14
 Operator : UM/SJ
 Sample : H3992-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ93

Quant Time: Jul 16 04:12:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 23:20:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	181657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	788815	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	446238	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	1030029	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1142368	20.00	ng/ul	-0.01
83) Perylene-d12	23.41	264	1245038	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	4767	1.10	ng/uL	0.00
5) Phenol-d5	6.79	99	193911	13.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	128660	14.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	158125	13.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	159816	13.51	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	77077	12.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	81872	12.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	150630	11.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	207805	15.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	515639	14.12	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	635849	14.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	57242	9.02	ng/ul	0.00
57) Fluorene-d10	15.26	176	464978	14.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	38377	6.44	ng/ul	0.00
70) Anthracene-d10	17.12	188	724392	14.88	ng/ul	0.00
76) Pyrene-d10	19.42	212	804872	15.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	853287	14.99	ng/ul	-0.01

Target Compounds

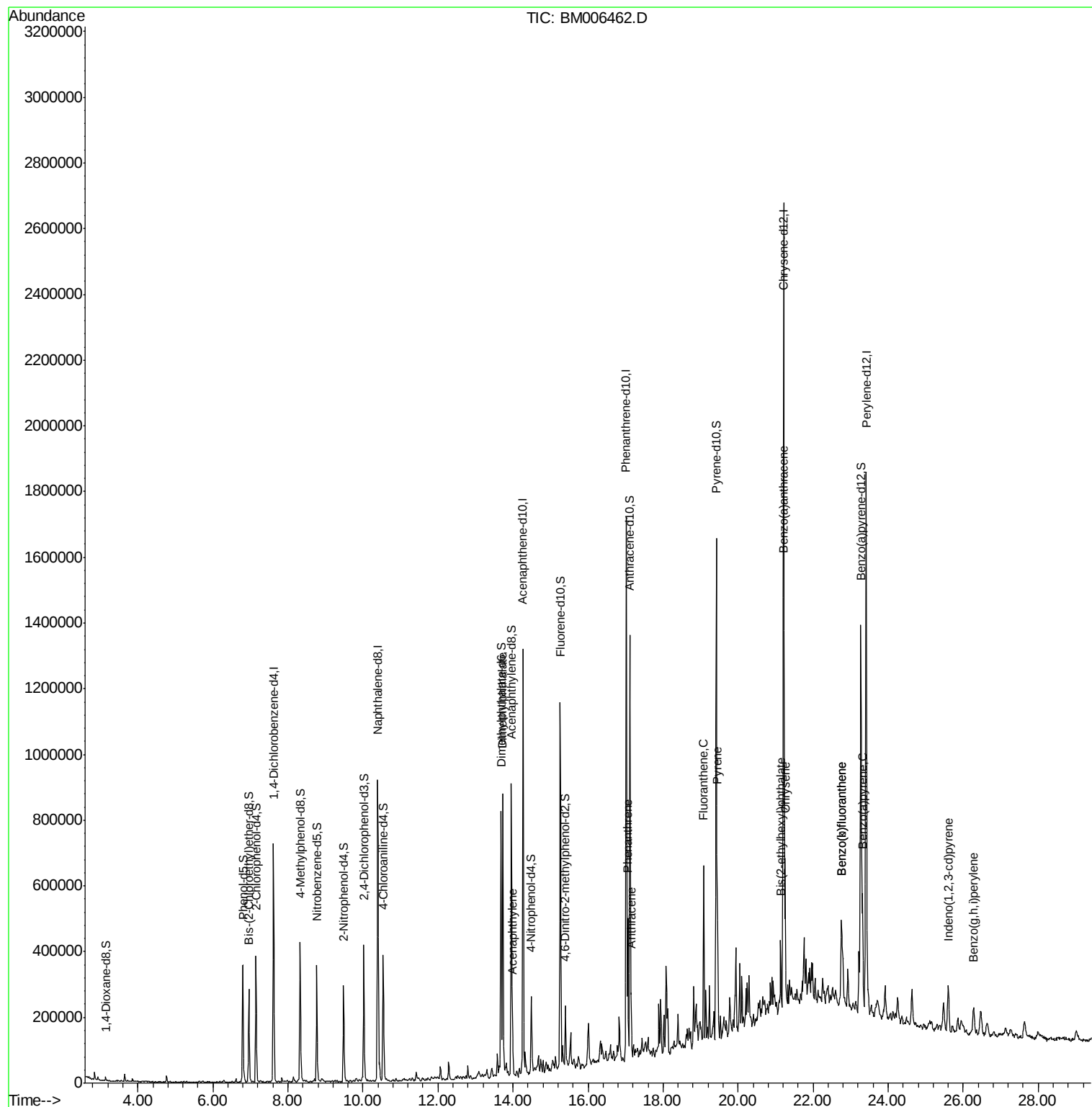
						Qvalue
44) Dimethylphthalate	13.73	163	525013	14.17	ng/ul	99
47) Acenaphthylene	13.99	152	58737	1.25	ng/ul	96
69) Phenanthrene	17.06	178	261429	4.62	ng/ul	99
71) Anthracene	17.15	178	113166	1.94	ng/ul	97
74) Fluoranthene	19.08	202	297228	4.52	ng/ul	98
77) Pyrene	19.44	202	370529	5.43	ng/ul	99
80) Benzo(a)anthracene	21.20	228	232629	3.34	ng/ul	91
81) Bis(2-ethylhexyl)phthalate	21.13	149	70406	1.69	ng/ul	100
82) Chrysene	21.25	228	244965	3.73	ng/ul	95
85) Benzo(b)fluoranthene	22.76	252	242237	3.26	ng/ul#	95
86) Benzo(k)fluoranthene	22.76	252	242237	3.46	ng/ul#	94
88) Benzo(a)pyrene	23.31	252	240593	3.38	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.61	276	122214	1.47	ng/ul	96
91) Benzo(g,h,i)perylene	26.28	276	93784	1.28	ng/ul	93

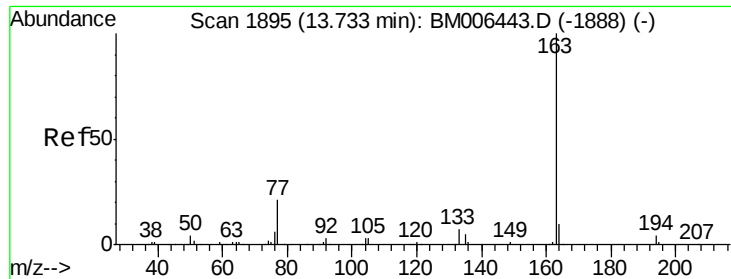
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 14.17 ng/ul

RT: 13.73 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM006462.D

Acq: 16 Jul 2016 03:14

Instrument :

BNA_M

ClientSampleId :

BDJ93

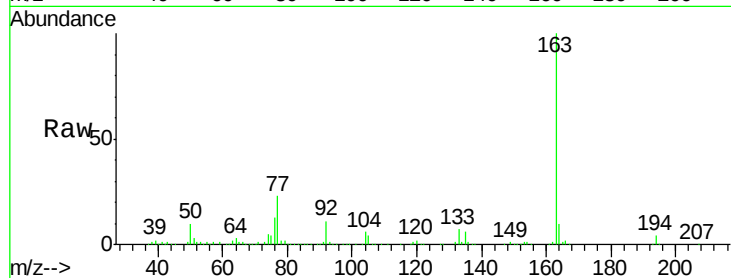
Tgt Ion:163 Resp: 525013

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

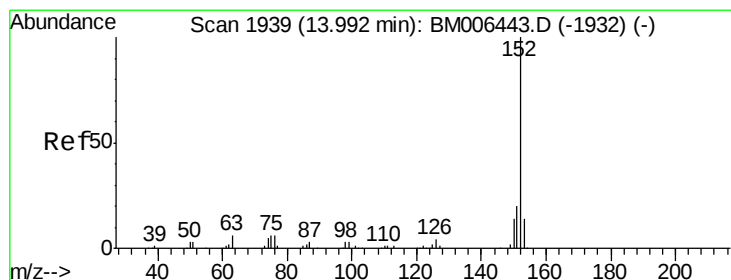
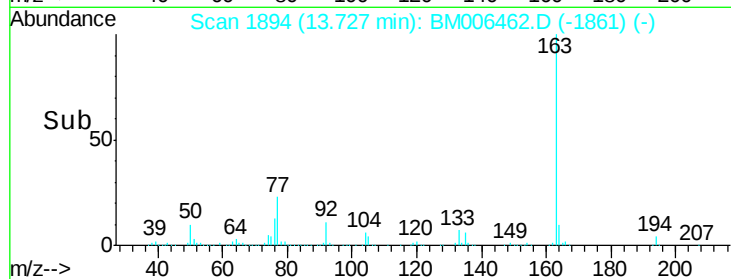
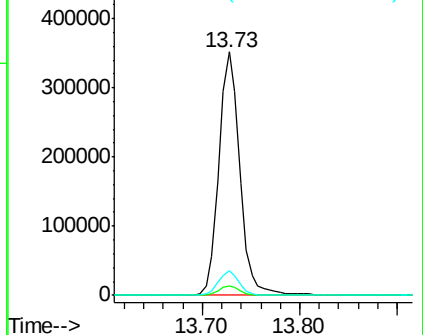
164 10.3 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47

Acenaphthylene

Concen: 1.25 ng/ul

RT: 13.99 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BM006462.D

Acq: 16 Jul 2016 03:14

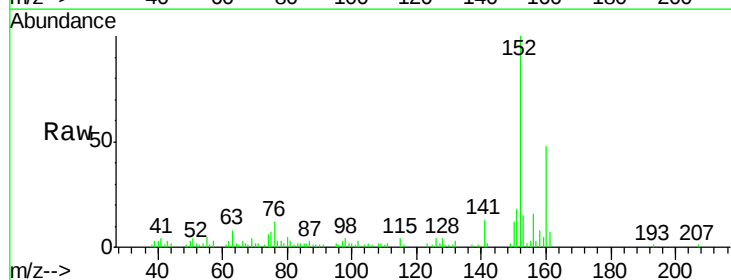
Tgt Ion:152 Resp: 58737

Ion Ratio Lower Upper

152 100

151 18.3 15.6 23.4

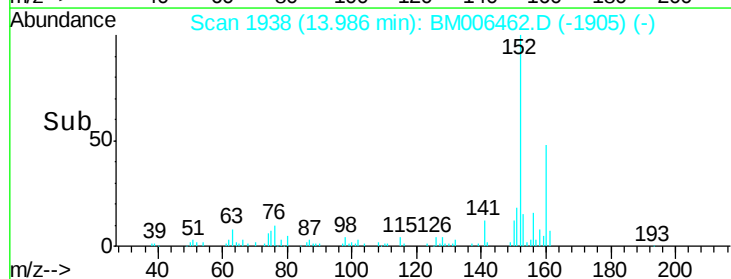
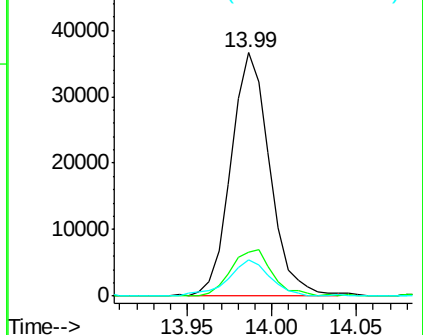
153 14.9 10.3 15.5

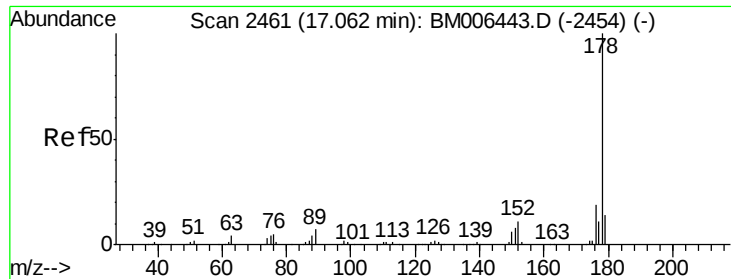


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 4.62 ng/ul

RT: 17.06 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BM006462.D

Acq: 16 Jul 2016 03:14

Instrument :

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ClientSampleId :

BDJ93

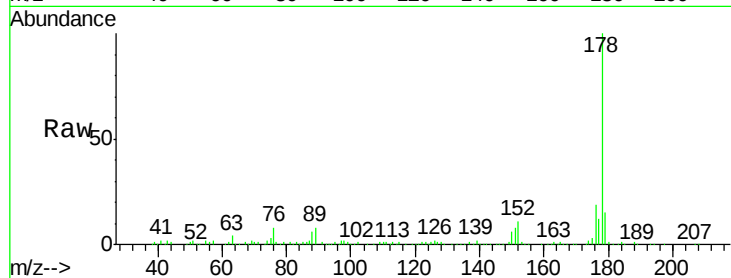
Tgt Ion:178 Resp: 261429

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

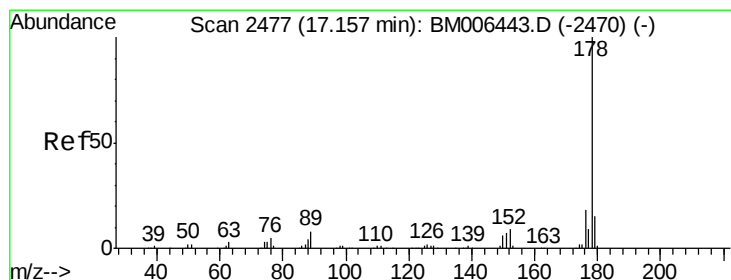
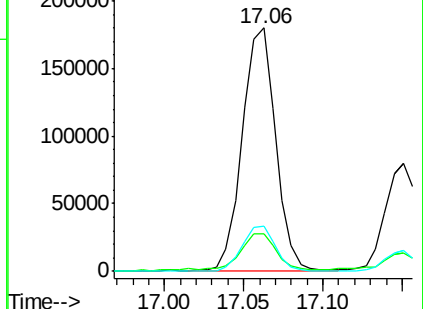
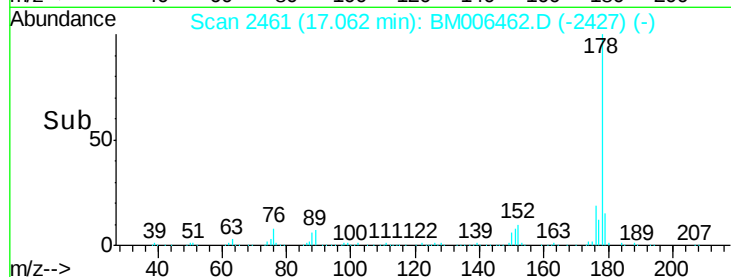
176 18.7 15.2 22.8



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



#71

Anthracene

Concen: 1.94 ng/ul

RT: 17.15 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BM006462.D

Acq: 16 Jul 2016 03:14

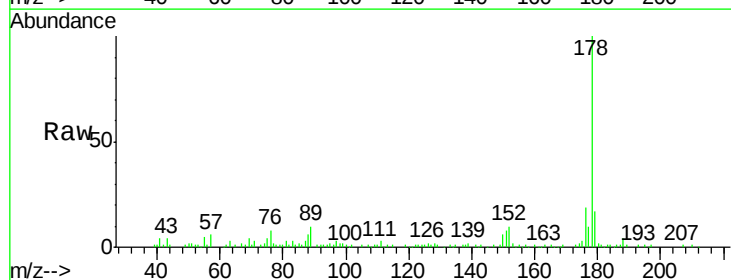
Tgt Ion:178 Resp: 113166

Ion Ratio Lower Upper

178 100

179 16.9 12.0 18.0

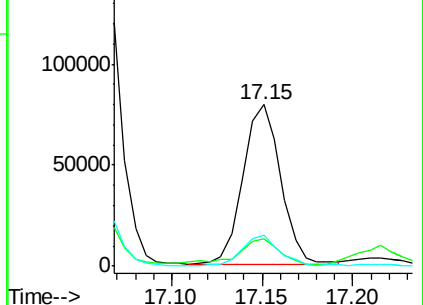
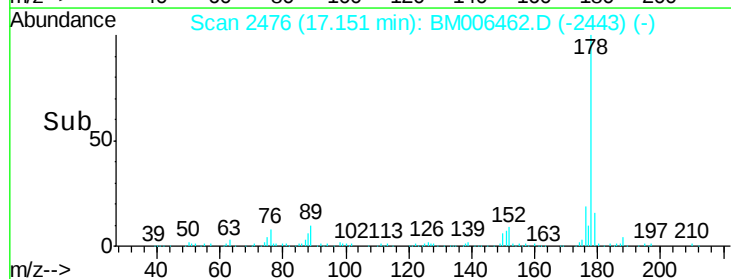
176 19.2 15.0 22.6

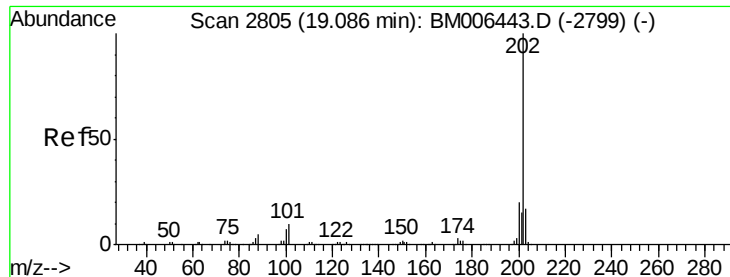


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.52 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM006462.D

Acq: 16 Jul 2016 03:14

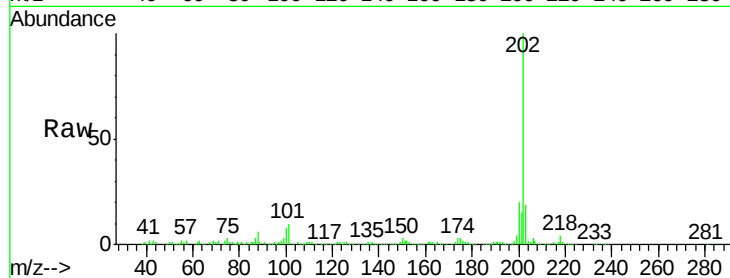
Instrument :

BNA_M

ClientSampleId :

BDJ93

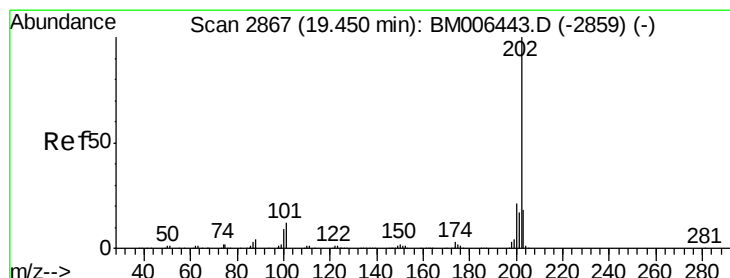
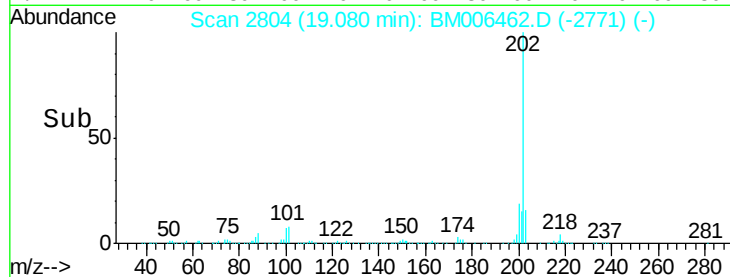
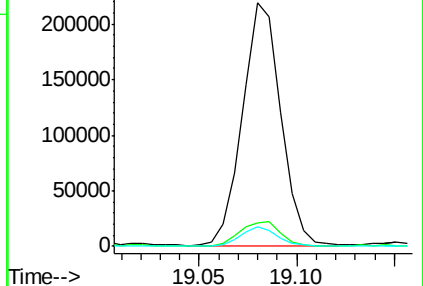
Tgt Ion:	202	Resp:	297228
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.6	12.8
100	7.9	6.4	9.6



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: 5.43 ng/ul

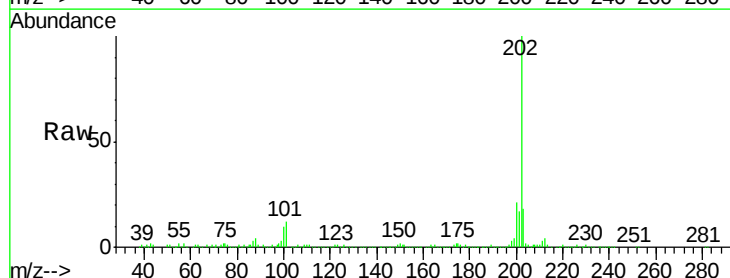
RT: 19.44 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM006462.D

Acq: 16 Jul 2016 03:14

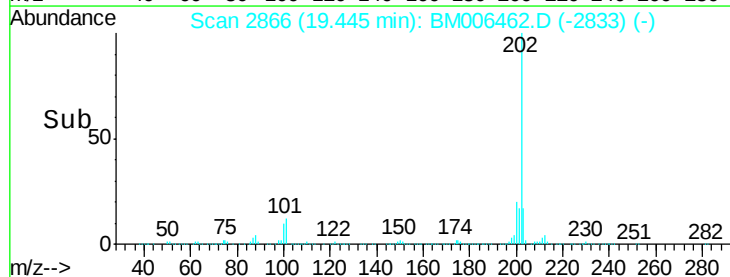
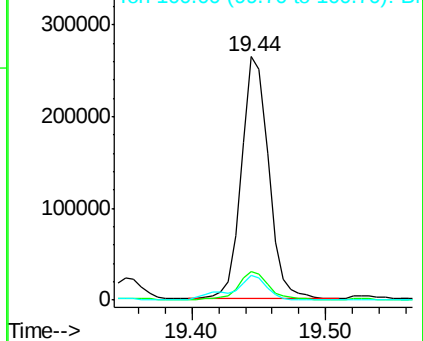
Tgt Ion:	202	Resp:	370529
Ion Ratio	Lower	Upper	
202	100		
101	11.5	10.0	15.0
100	10.0	7.9	11.9

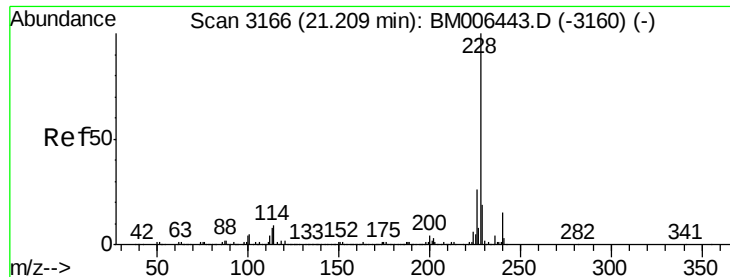


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.34 ng/ul

RT: 21.20 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BM006462.D

Acq: 16 Jul 2016 03:14

Instrument :

BNA_M

ClientSampleId :

BDJ93

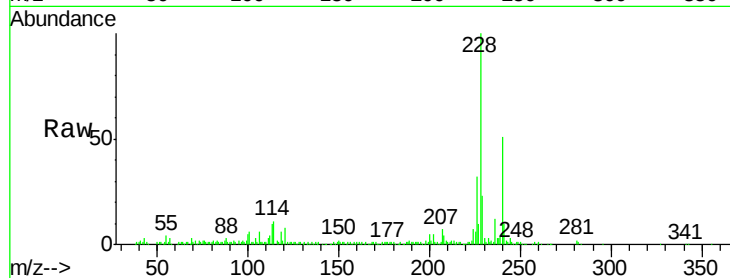
Tgt Ion:228 Resp: 232629

Ion Ratio Lower Upper

228 100

229 23.3 15.6 23.4

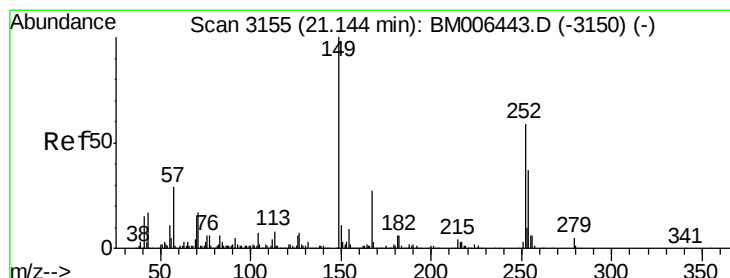
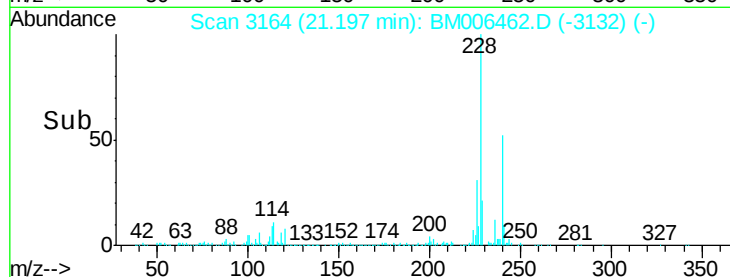
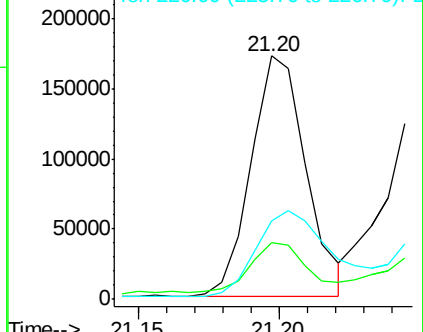
226 32.1 21.4 32.2



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: 1.69 ng/ul

RT: 21.13 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BM006462.D

Acq: 16 Jul 2016 03:14

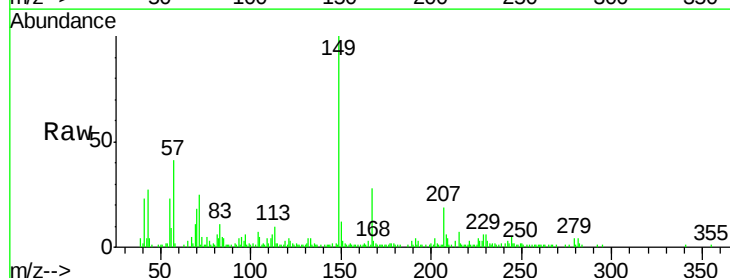
Tgt Ion:149 Resp: 70406

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

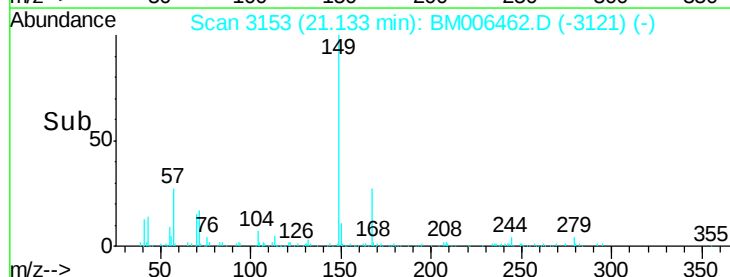
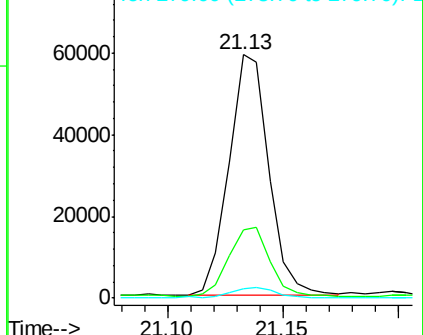
279 3.6 3.1 4.7

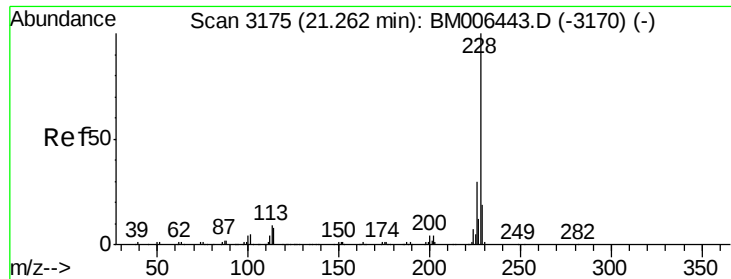


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

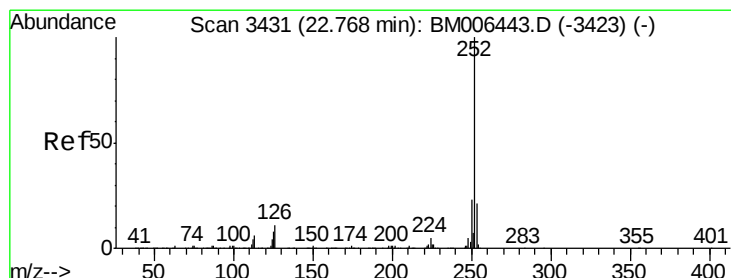
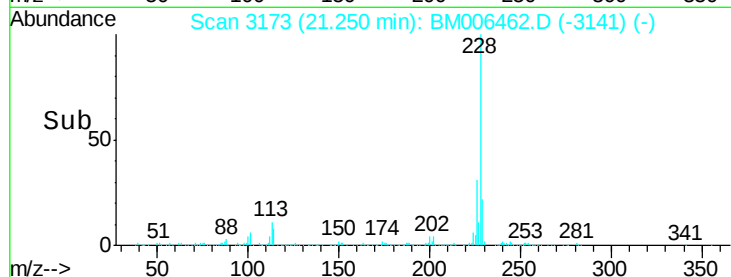
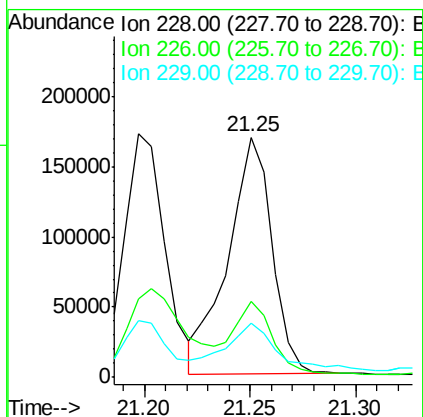
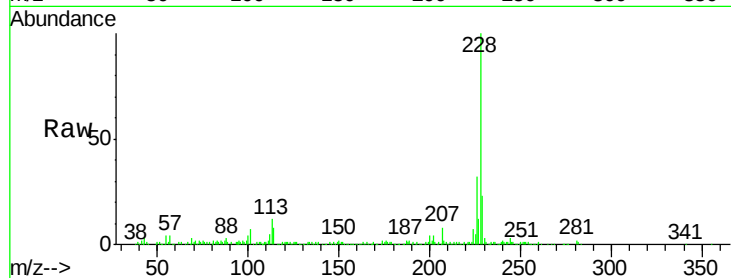




#82
Chrysene
Concen: 3.73 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BM006462.D
Acq: 16 Jul 2016 03:14

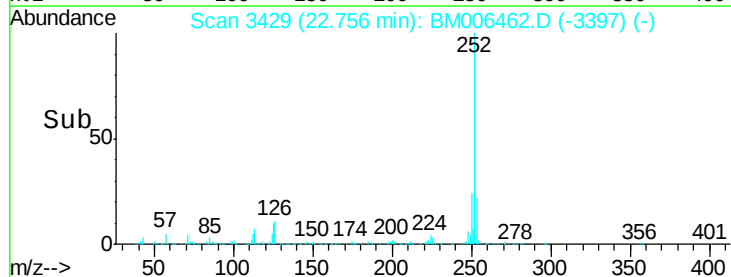
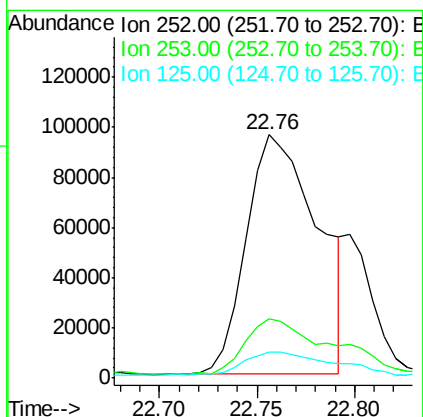
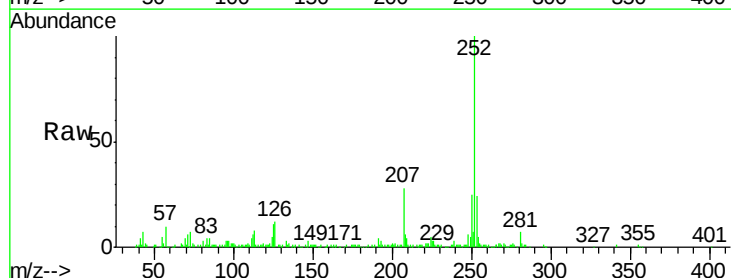
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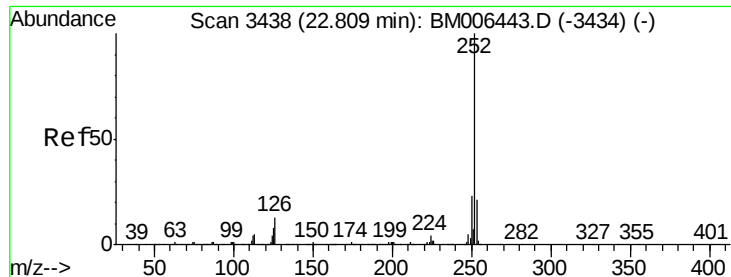
Tgt Ion: 228 Resp: 244965
Ion Ratio Lower Upper
228 100
226 31.6 23.3 34.9
229 22.8 15.8 23.8



#85
Benzo(b)fluoranthene
Concen: 3.26 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.01 min
Lab File: BM006462.D
Acq: 16 Jul 2016 03:14

Tgt Ion: 252 Resp: 242237
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 10.6 6.7 10.1#

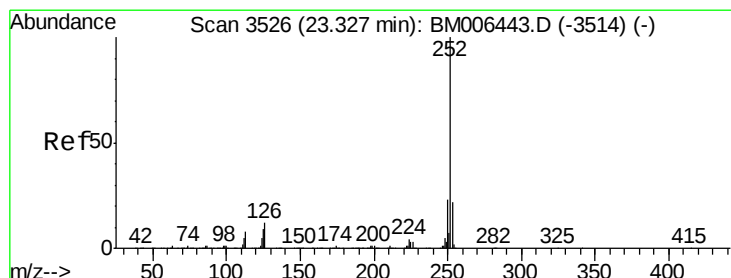
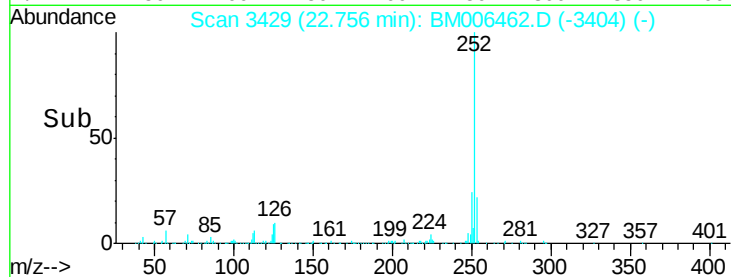
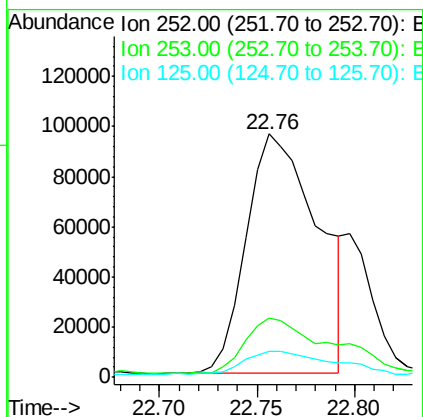
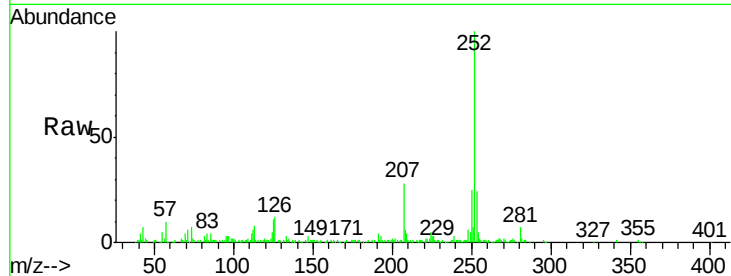




#86
Benzo(k)fluoranthene
Concen: 3.46 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.05 min
Lab File: BM006462.D
Acq: 16 Jul 2016 03:14

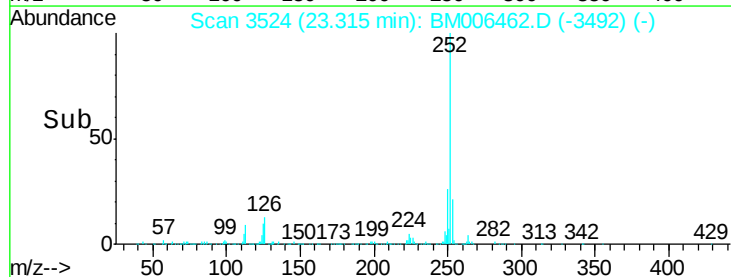
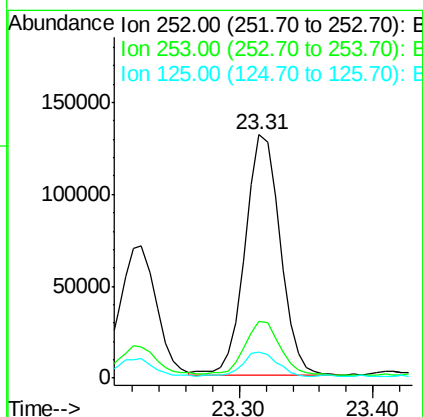
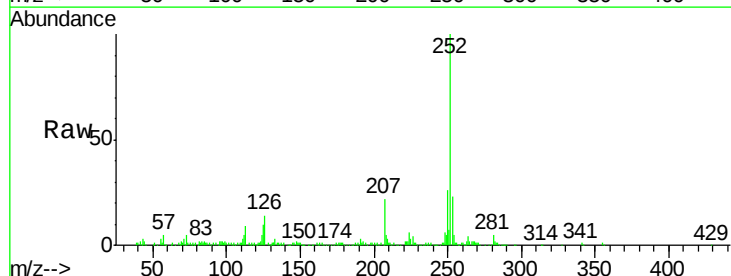
Instrument :
BNA_M
ClientSampleId :
BDJ93

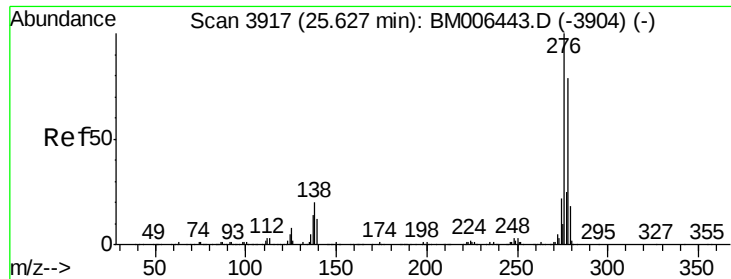
Tgt Ion:252 Resp: 242237
Ion Ratio Lower Upper
252 100
253 24.3 17.3 25.9
125 10.6 7.0 10.4#



#88
Benzo(a)pyrene
Concen: 3.38 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006462.D
Acq: 16 Jul 2016 03:14

Tgt Ion:252 Resp: 240593
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 10.5 7.6 11.4





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.47 ng/ul

RT: 25.61 min Scan# 3914

Delta R.T. -0.02 min

Lab File: BM006462.D

Acq: 16 Jul 2016 03:14

Instrument :

BNA_M

ClientSampleId :

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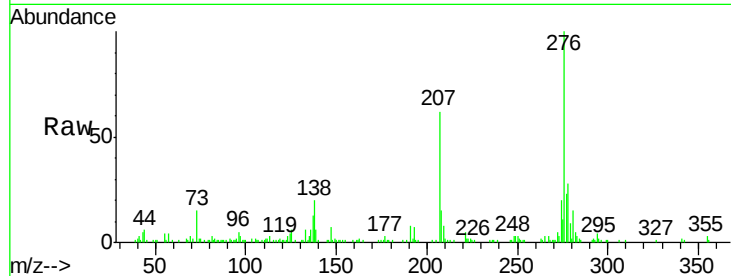
Tgt Ion:276 Resp: 122214

Ion Ratio Lower Upper

276 100

138 20.3 17.8 26.6

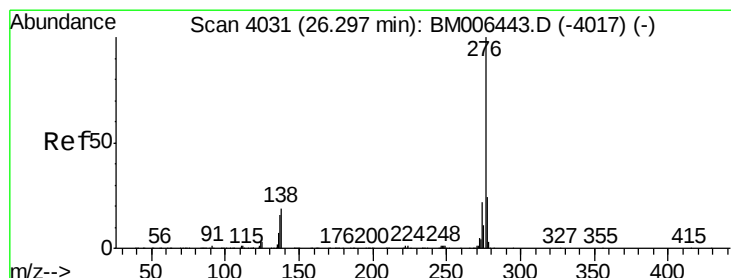
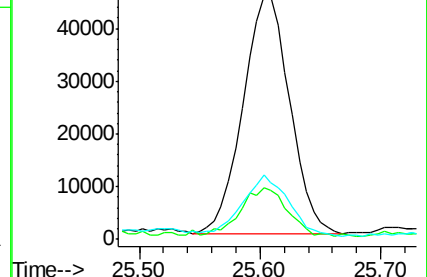
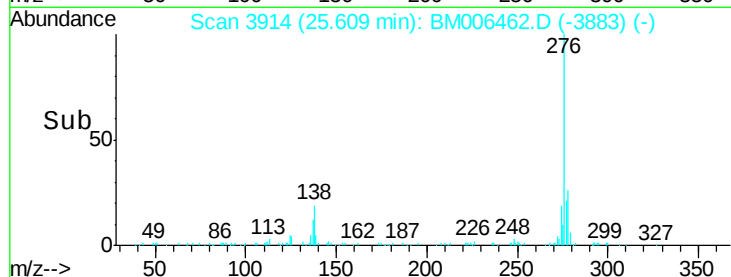
277 23.5 20.1 30.1



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: 1.28 ng/ul

RT: 26.28 min Scan# 4028

Delta R.T. -0.02 min

Lab File: BM006462.D

Acq: 16 Jul 2016 03:14

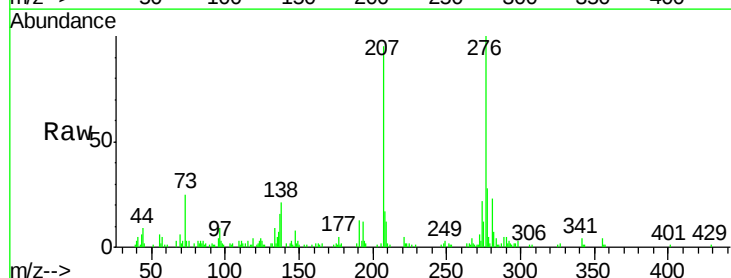
Tgt Ion:276 Resp: 93784

Ion Ratio Lower Upper

276 100

138 21.2 15.0 22.4

277 27.5 19.0 28.4



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

