

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
 Data File : BM002109.D
 Acq On : 29 Jul 2015 01:02
 Operator : TP/UM
 Sample : G3019-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B6

Quant Time: Jul 29 06:39:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:50:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	58539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	234264	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	137219	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	309964	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	368265	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	372658	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	4411	3.90	ng/uL	0.00
5) Phenol-d5	6.77	99	103396	24.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	55776	24.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	89356	25.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	85728	25.77	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	41635	25.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	46927	25.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	93047	26.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	20821	5.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	254381	25.31	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	307632	24.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	41925	24.99	ng/ul	0.00
58) Fluorene-d10	15.26	176	220827	24.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	13056	6.89	ng/ul	0.00
71) Anthracene-d10	17.10	188	307029	22.19	ng/ul	0.00
79) Pyrene-d10	19.41	212	358248	23.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	327927	18.15	ng/ul	0.00

Target Compounds

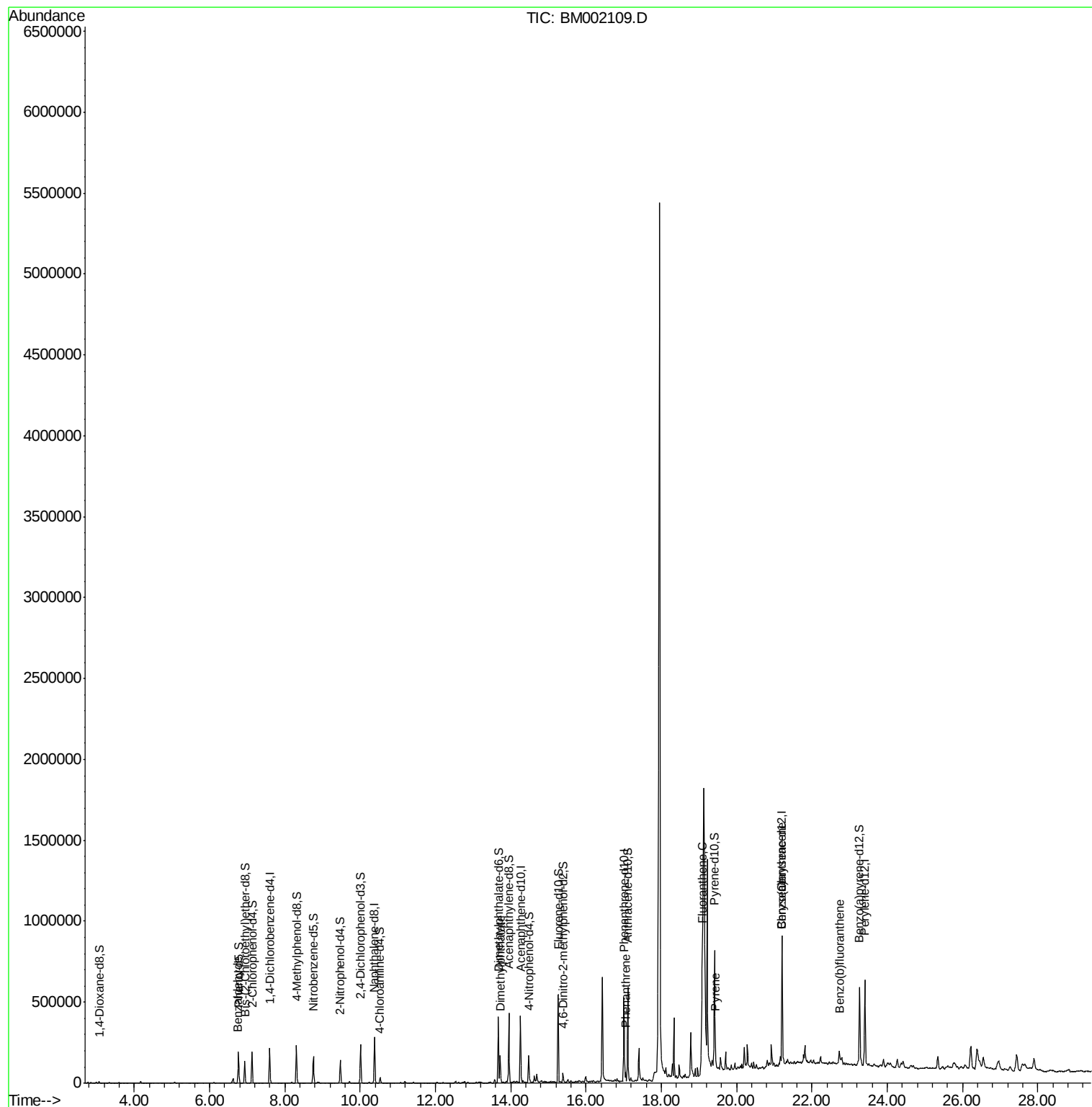
						Qvalue
4) Benzaldehyde	6.75	77	2825	1.27	ng/ul	97
45) Dimethylphthalate	13.72	163	104877	10.45	ng/ul	100
70) Phenanthrene	17.04	178	33884	2.11	ng/ul	98
77) Fluoranthene	19.07	202	45481	2.45	ng/ul#	86
80) Pyrene	19.44	202	41260	2.06	ng/ul	98
83) Benzo(a)anthracene	21.19	228	20716	1.01	ng/ul	96
85) Chrysene	21.19	228	20716	1.08	ng/ul	97
88) Benzo(b)fluoranthene	22.74	252	27399	1.31	ng/ul#	89

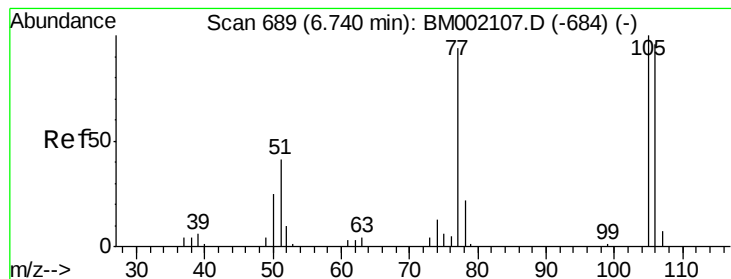
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.27 ng/ul

RT: 6.75 min Scan# 690

Delta R.T. 0.01 min

Lab File: BM002109.D

Acq: 29 Jul 2015 01:02

Instrument :

BNA_M

ClientSampleId :

C02B6

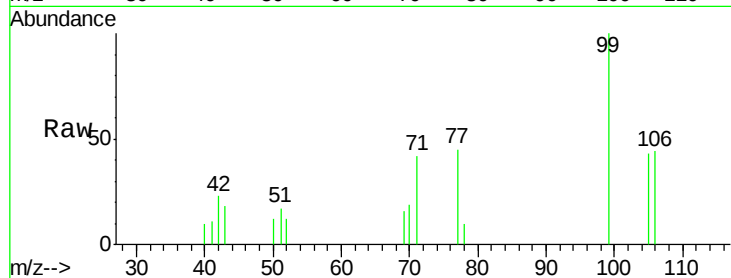
Tgt Ion: 77 Resp: 2825

Ion Ratio Lower Upper

77 100

105 96.3 78.5 117.7

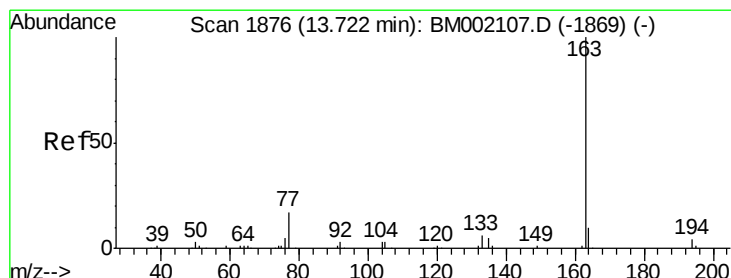
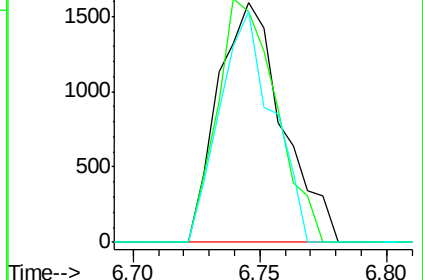
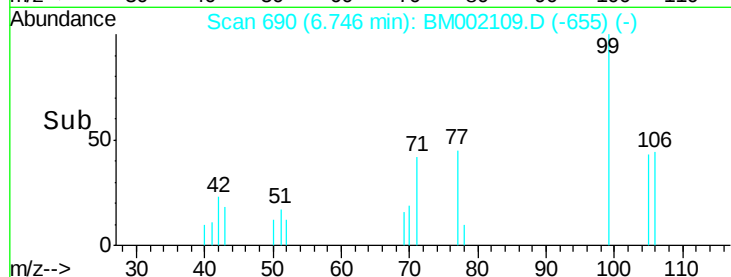
106 96.5 74.5 111.7



Abundance Ion 77.00 (76.70 to 77.70): BM002109.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM002109.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM002109.D (-655) (-)



#45

Dimethylphthalate

Concen: 10.45 ng/ul

RT: 13.72 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM002109.D

Acq: 29 Jul 2015 01:02

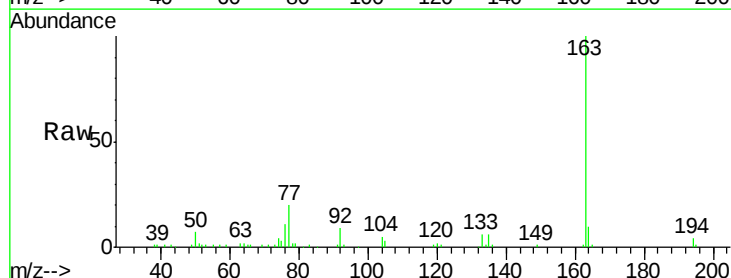
Tgt Ion: 163 Resp: 104877

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

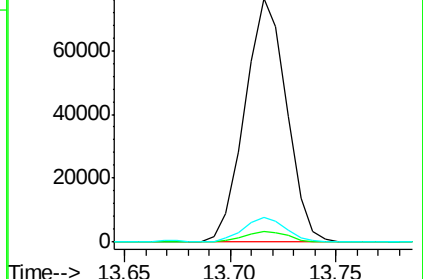
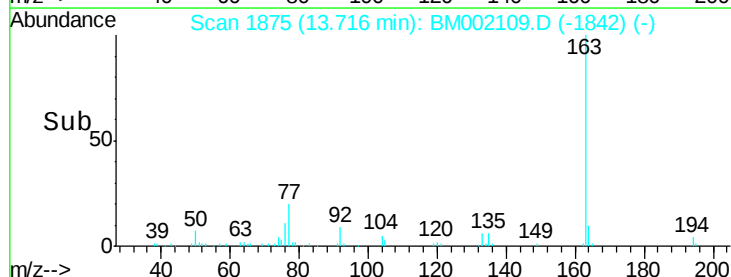
164 10.0 8.0 12.0

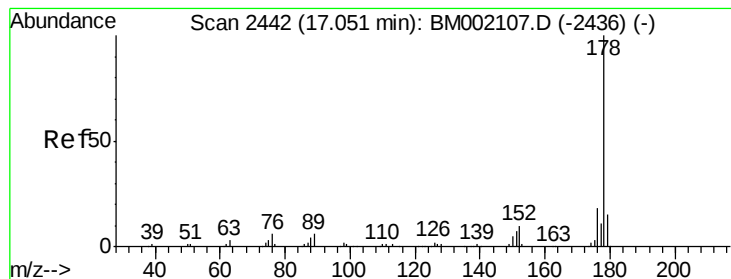


Abundance Ion 163.00 (162.70 to 163.70): BM002109.D (-1842) (-)

Ion 194.00 (193.70 to 194.70): BM002109.D (-1842) (-)

Ion 164.00 (163.70 to 164.70): BM002109.D (-1842) (-)





#70

Phenanthrene

Concen: 2.11 ng/ul

RT: 17.04 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM002109.D

Acq: 29 Jul 2015 01:02

Instrument :

BNA_M

ClientSampleId :

C02B6

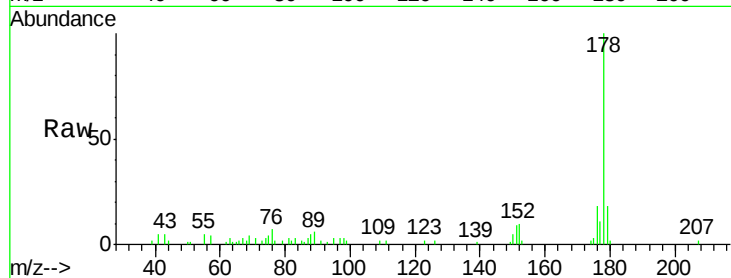
Tgt Ion:178 Resp: 33884

Ion Ratio Lower Upper

178 100

179 17.6 12.5 18.7

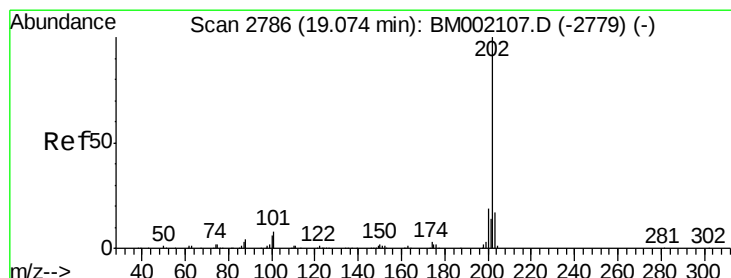
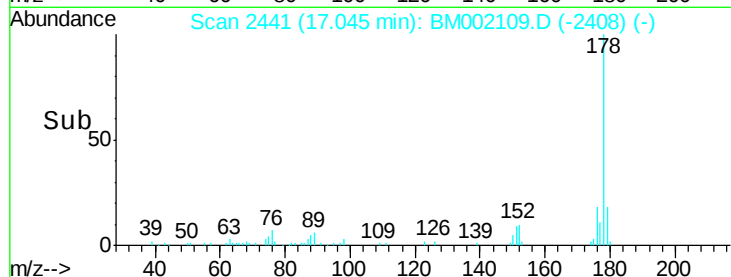
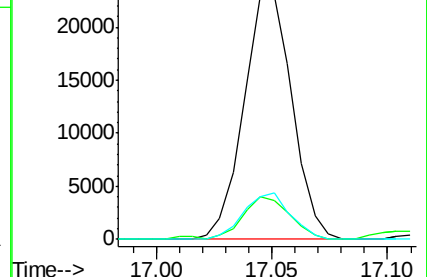
176 17.7 14.2 21.4



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



#77

Fluoranthene

Concen: 2.45 ng/ul

RT: 19.07 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM002109.D

Acq: 29 Jul 2015 01:02

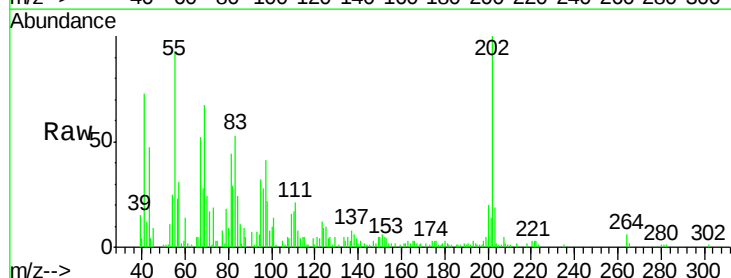
Tgt Ion:202 Resp: 45481

Ion Ratio Lower Upper

202 100

101 14.1 6.2 9.4#

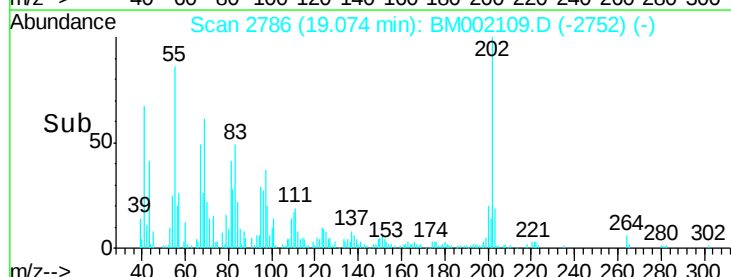
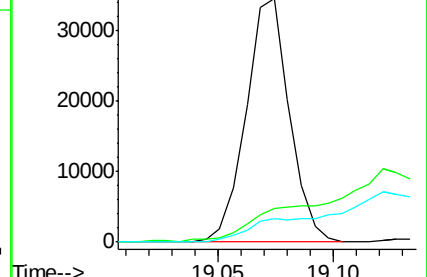
100 9.8 5.2 7.8#

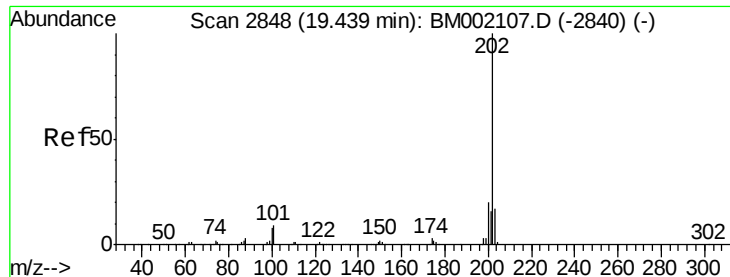


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

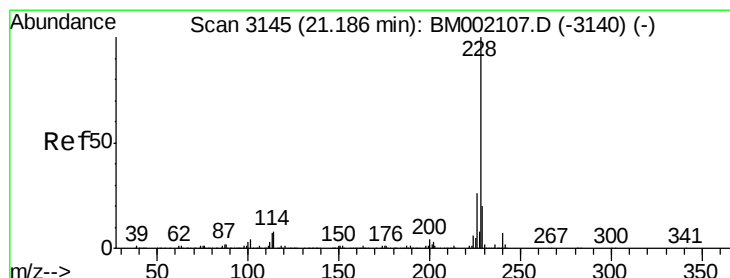
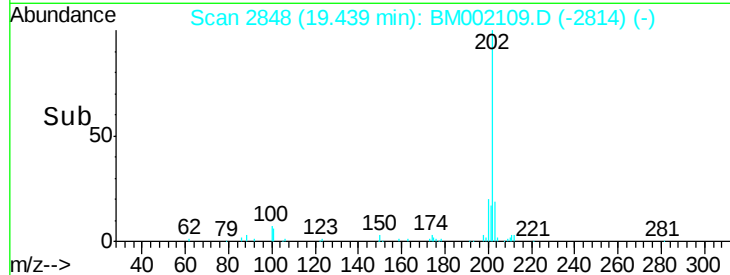
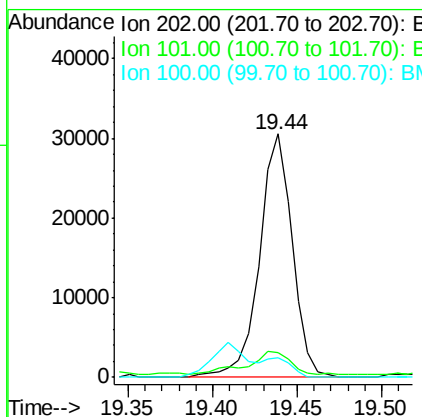
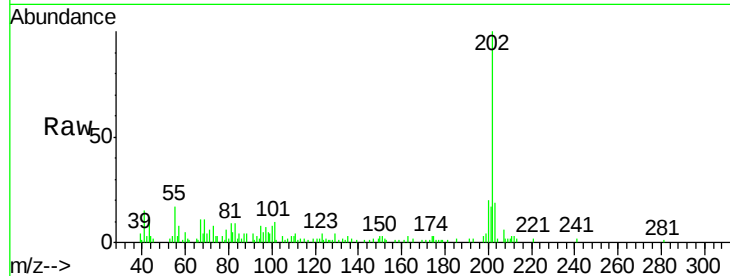




#80
 Pyrene
 Concen: 2.06 ng/ul
 RT: 19.44 min Scan# 2848
 Delta R.T. 0.00 min
 Lab File: BM002109.D
 Acq: 29 Jul 2015 01:02

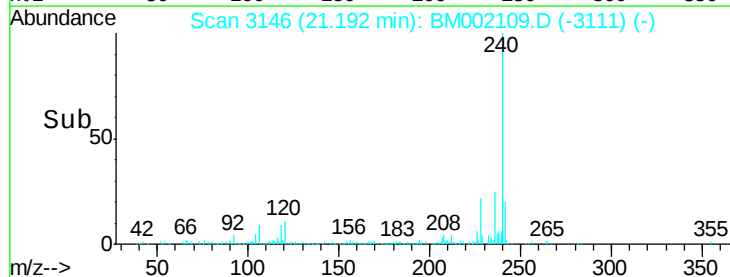
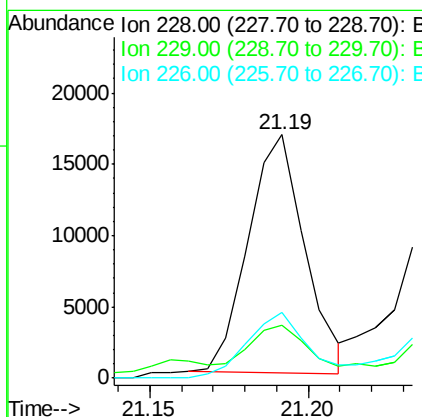
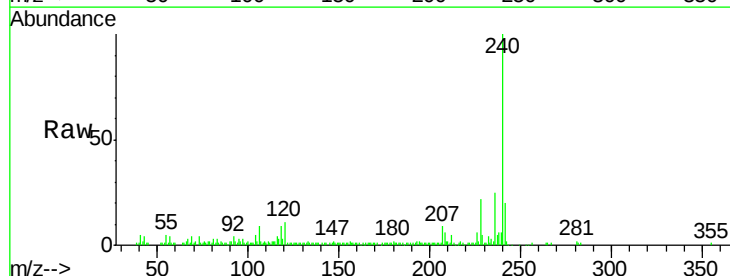
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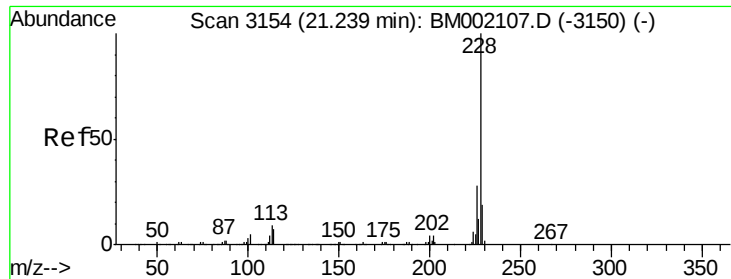
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.4	11.2
100	8.2	6.3	9.5



#83
 Benzo(a)anthracene
 Concen: 1.01 ng/ul
 RT: 21.19 min Scan# 3146
 Delta R.T. 0.01 min
 Lab File: BM002109.D
 Acq: 29 Jul 2015 01:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.4	23.2
226	26.8	20.5	30.7

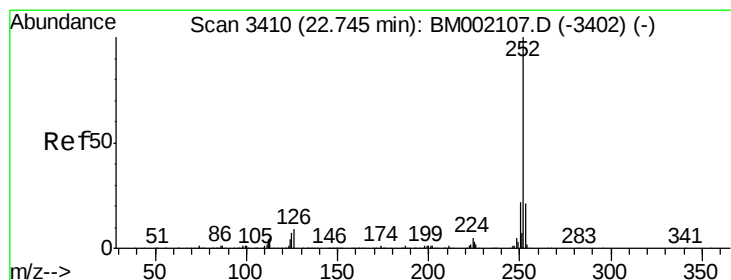
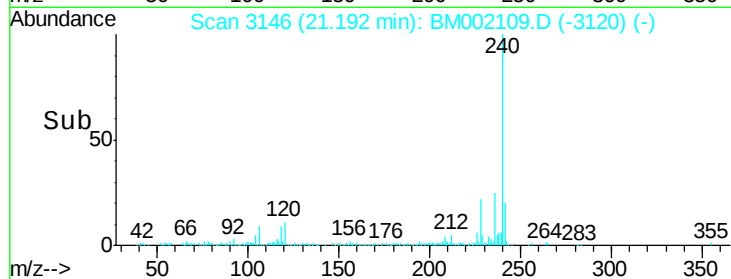
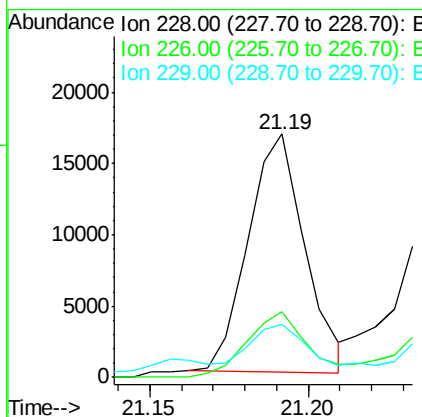
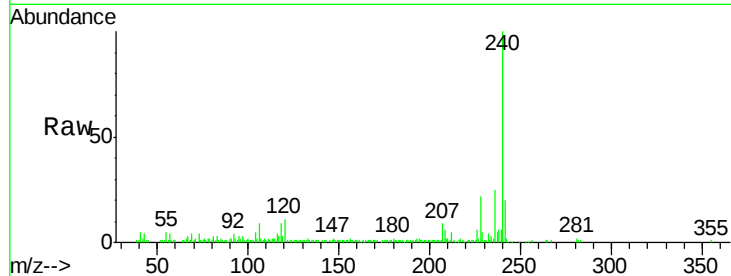




#85
 Chrysene
 Concen: 1.08 ng/ul
 RT: 21.19 min Scan# 3146
 Delta R.T. -0.05 min
 Lab File: BM002109.D
 Acq: 29 Jul 2015 01:02

Instrument :
 BNA_M
 ClientSampleId :
 C02B6

Tgt Ion: 228 Resp: 20716
 Ion Ratio Lower Upper
 228 100
 226 26.8 22.3 33.5
 229 21.7 15.5 23.3



#88
 Benzo(b)fluoranthene
 Concen: 1.31 ng/ul
 RT: 22.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: BM002109.D
 Acq: 29 Jul 2015 01:02

Tgt Ion: 252 Resp: 27399
 Ion Ratio Lower Upper
 252 100
 253 25.6 16.9 25.3#
 125 12.9 6.2 9.2#

