

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
 Data File : BM002108.D
 Acq On : 29 Jul 2015 00:26
 Operator : TP/UM
 Sample : G3030-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02E8

Quant Time: Jul 29 06:39:06 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	59432	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	230428	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	135320	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	303858	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	369478	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	380696	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	5729	4.99	ng/uL	0.00
5) Phenol-d5	6.77	99	131412	30.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	61498	26.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	106777	29.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	106623	31.57	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	42632	26.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	49705	27.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	110252	31.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	130412	33.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	326245	32.92	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	328413	26.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	47721	28.84	ng/ul	0.00
58) Fluorene-d10	15.26	176	237155	27.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	26894	14.47	ng/ul	0.00
71) Anthracene-d10	17.10	188	410350	30.25	ng/ul	0.00
79) Pyrene-d10	19.41	212	403108	25.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	468623	25.39	ng/ul	0.00

Target Compounds

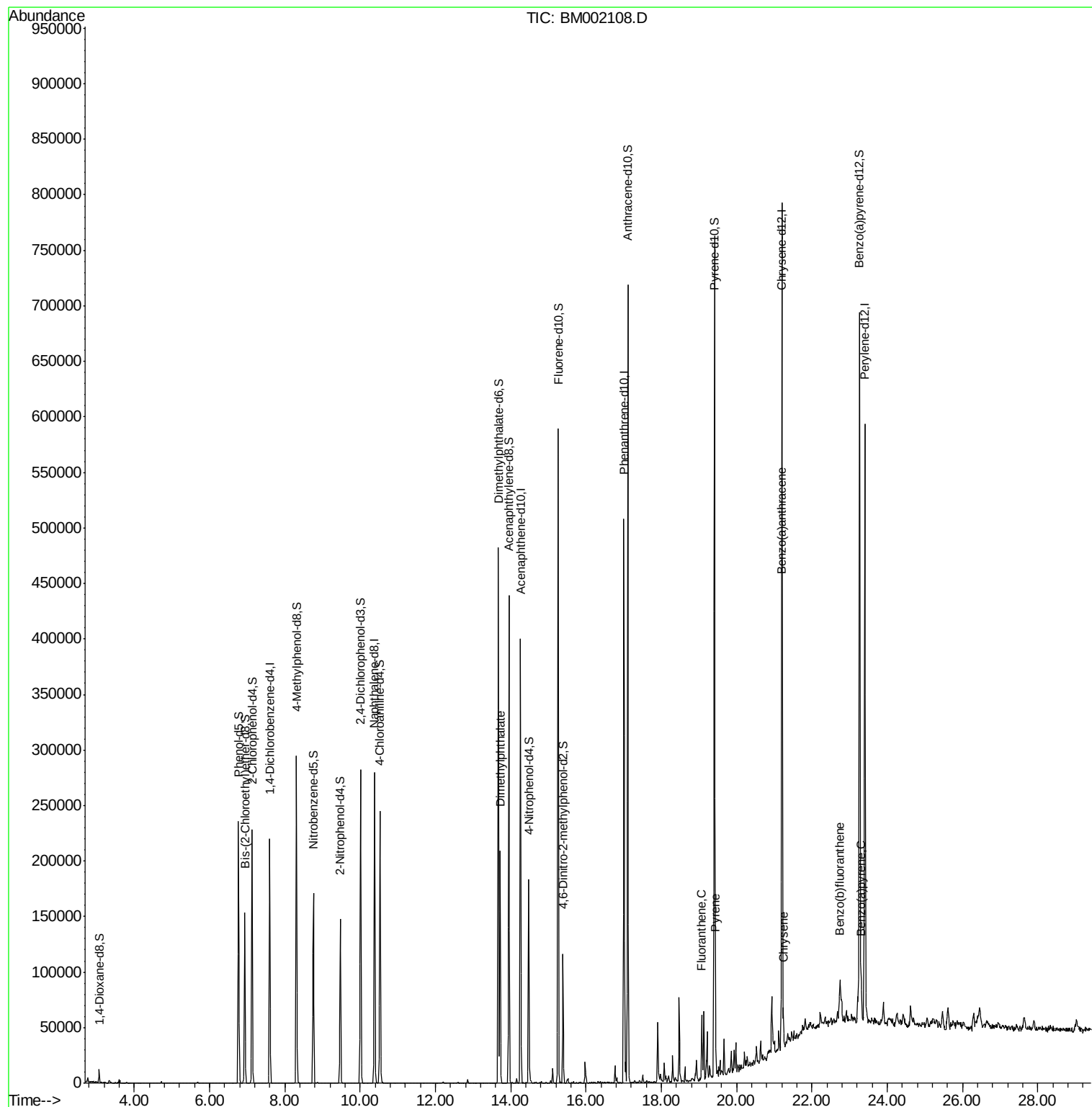
						Qvalue
45) Dimethylphthalate	13.72	163	132732	13.41	ng/ul	100
77) Fluoranthene	19.07	202	36254	1.99	ng/ul	100
80) Pyrene	19.43	202	32243	1.60	ng/ul	98
83) Benzo(a)anthracene	21.19	228	22460	1.10	ng/ul	95
85) Chrysene	21.24	228	21040	1.10	ng/ul	99
88) Benzo(b)fluoranthene	22.74	252	33198	1.55	ng/ul#	93
91) Benzo(a)pyrene	23.31	252	22376	1.08	ng/ul	97

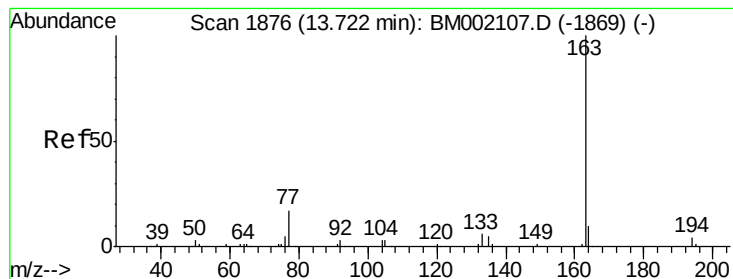
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 13.41 ng/ul

RT: 13.72 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM002108.D

Acq: 29 Jul 2015 00:26

Instrument :

BNA_M

ClientSampleId :

C02E8

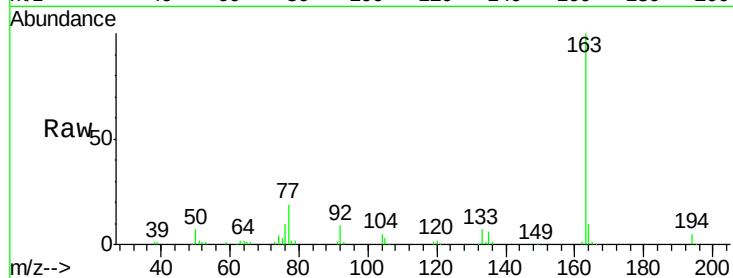
Tgt Ion:163 Resp: 132732

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

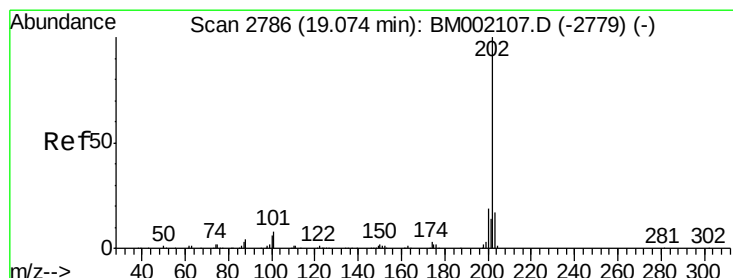
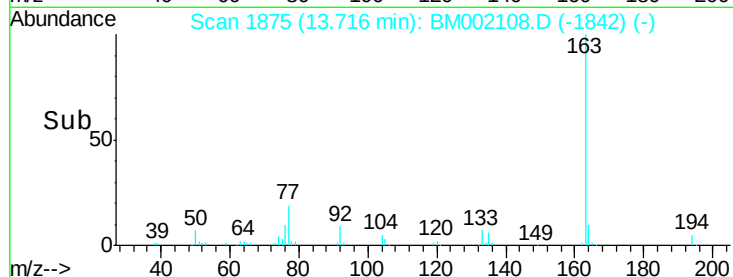
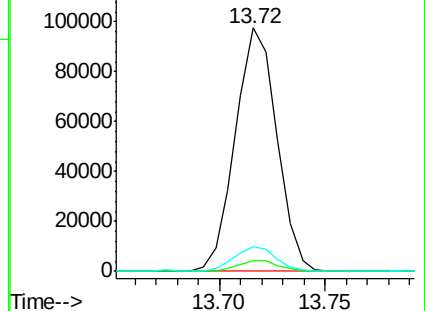
164 10.0 8.0 12.0



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



#77

Fluoranthene

Concen: 1.99 ng/ul

RT: 19.07 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM002108.D

Acq: 29 Jul 2015 00:26

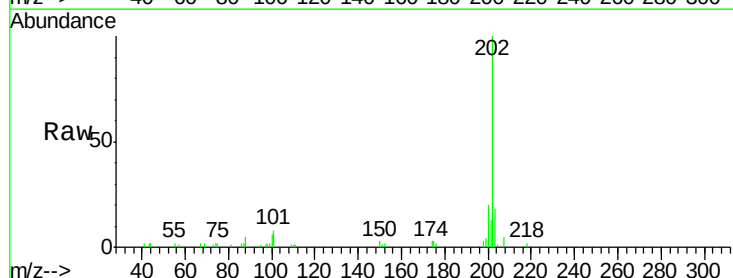
Tgt Ion:202 Resp: 36254

Ion Ratio Lower Upper

202 100

101 7.8 6.2 9.4

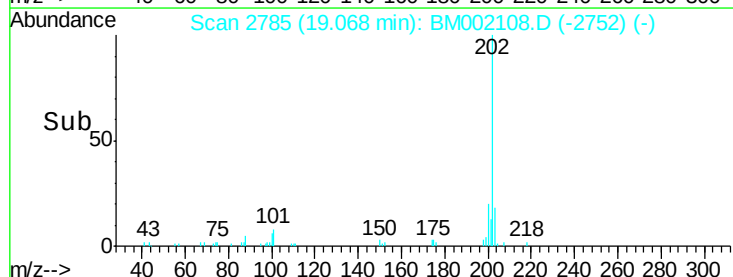
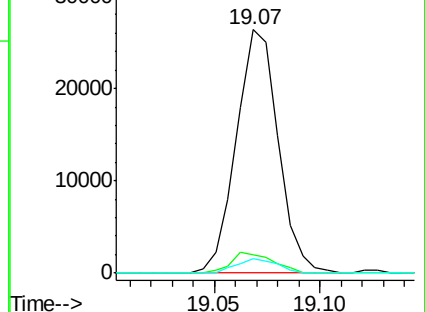
100 6.2 5.2 7.8

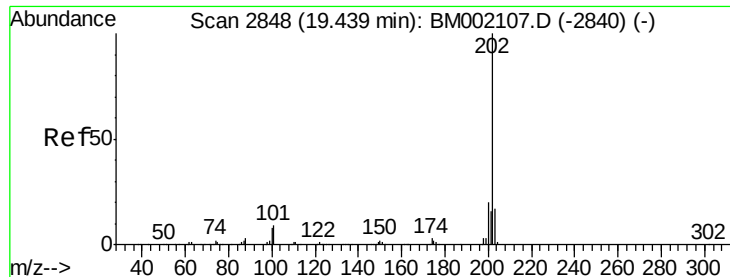


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

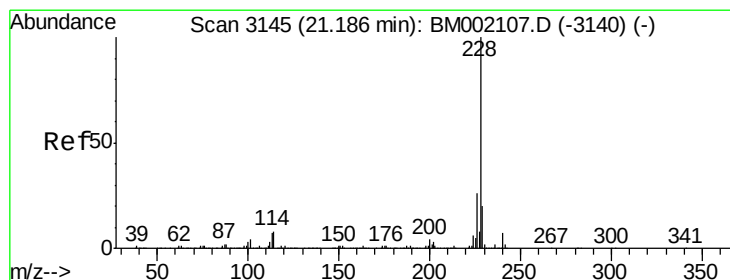
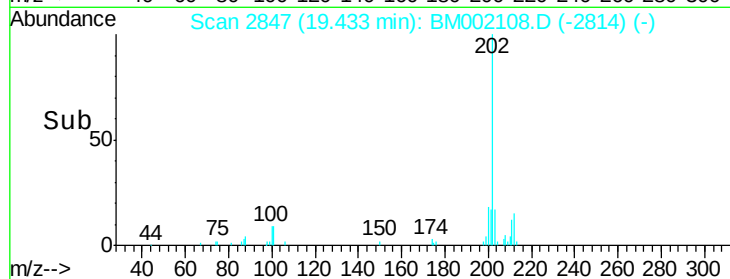
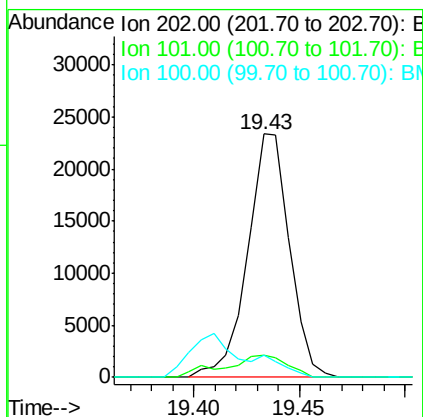
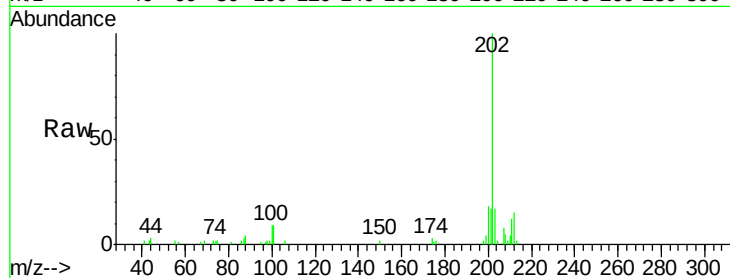




#80
 Pyrene
 Concen: 1.60 ng/ul
 RT: 19.43 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BM002108.D
 Acq: 29 Jul 2015 00:26

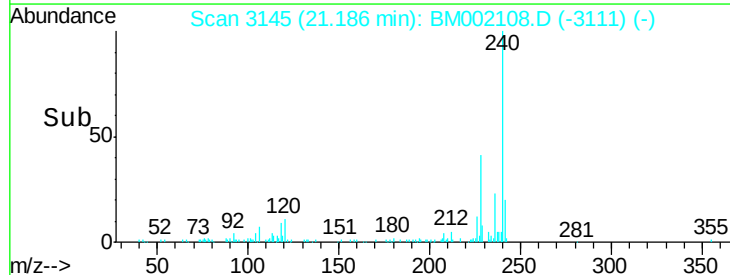
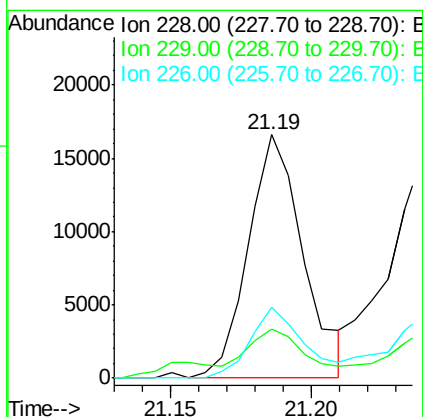
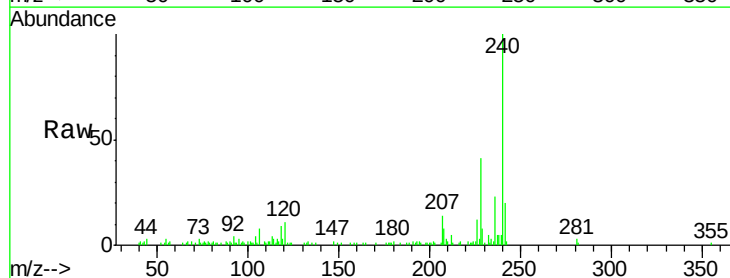
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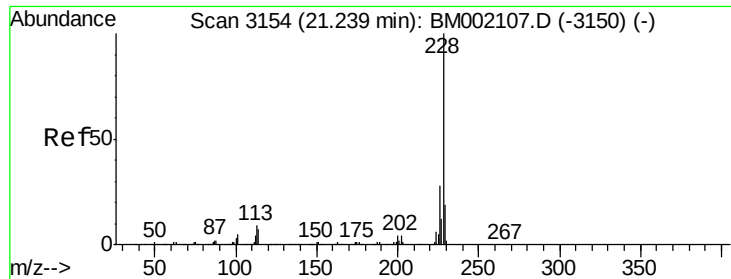
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.4	11.2
100	9.3	6.3	9.5



#83
 Benzo(a)anthracene
 Concen: 1.10 ng/ul
 RT: 21.19 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: BM002108.D
 Acq: 29 Jul 2015 00:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.2
226	28.9	20.5	30.7

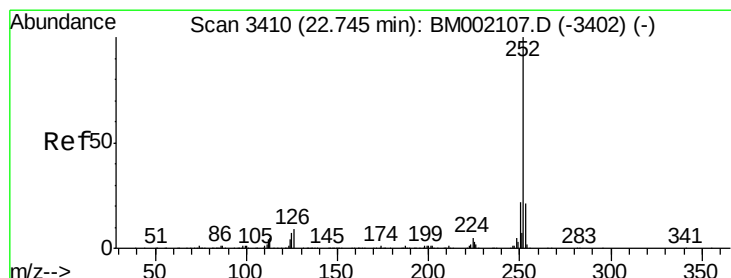
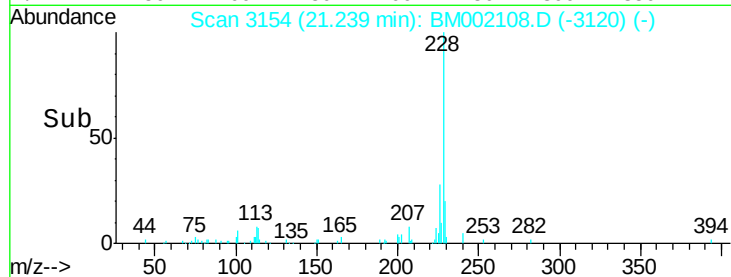
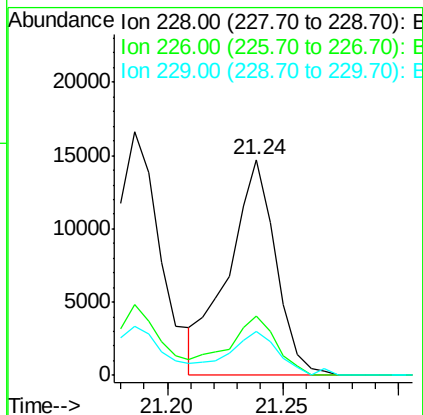
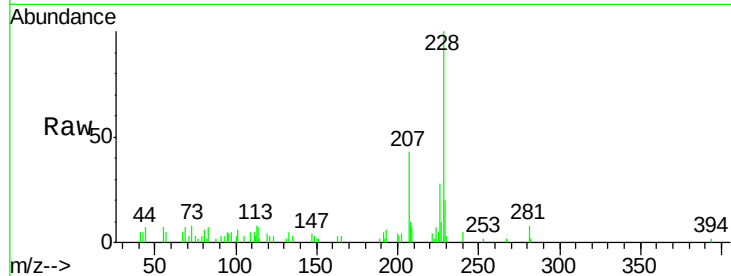




#85
Chrysene
 Concen: 1.10 ng/ul
 RT: 21.24 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BM002108.D
 Acq: 29 Jul 2015 00:26

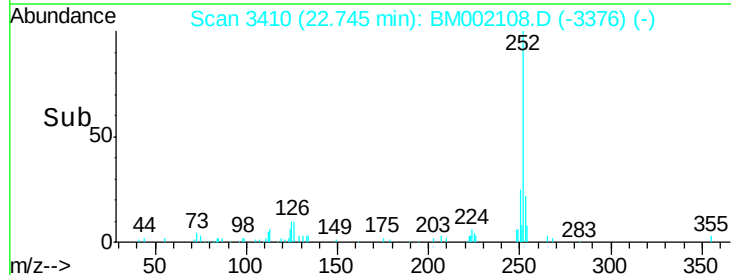
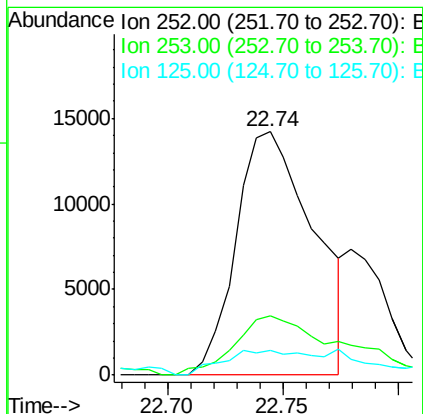
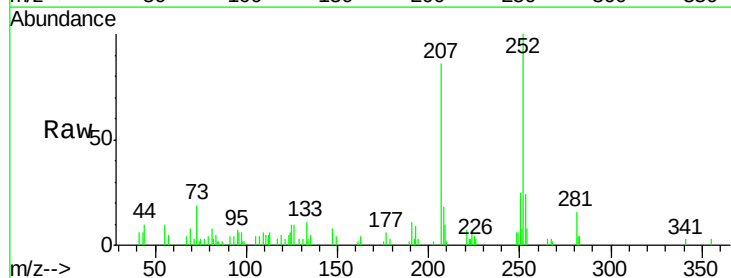
Instrument :
 BNA_M
 ClientSampleId :
 C02E8

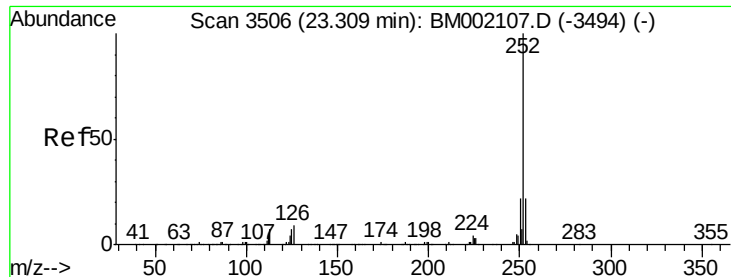
Tgt Ion: 228 Resp: 21040
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.3 33.5
 229 20.5 15.5 23.3



#88
Benzo(b)fluoranthene
 Concen: 1.55 ng/ul
 RT: 22.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: BM002108.D
 Acq: 29 Jul 2015 00:26

Tgt Ion: 252 Resp: 33198
 Ion Ratio Lower Upper
 252 100
 253 24.5 16.9 25.3
 125 9.9 6.2 9.2#





#91

Benzo(a)pyrene

Concen: 1.08 ng/ul

RT: 23.31 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BM002108.D

Acq: 29 Jul 2015 00:26

Instrument :

BNA_M

ClientSampleId :

C02E8

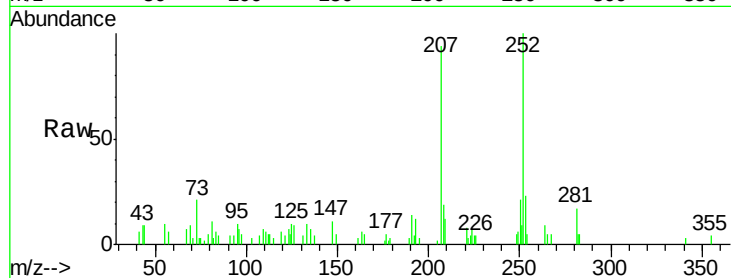
Tgt Ion:252 Resp: 22376

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 9.6 6.6 10.0



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

