

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
 Data File : BM001960.D
 Acq On : 16 Jul 2015 23:33
 Operator : TP/UM
 Sample : G2998-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02H9

Quant Time: Jul 17 01:44:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 17 01:40:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	83192	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	356523	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	227458	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	523123	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	584251	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	478038	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	8722	5.13	ng/uL	0.00
5) Phenol-d5	6.82	99	201495	29.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	117976	31.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	166380	30.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	176164	31.58	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	83962	31.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	100439	34.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	179919	30.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	227523	37.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	576130	31.40	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	576870	26.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	75458	24.29	ng/ul	0.00
57) Fluorene-d10	15.30	176	366379	23.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	43700	12.90	ng/ul	0.00
70) Anthracene-d10	17.16	188	490758	19.98	ng/ul	0.00
78) Pyrene-d10	19.46	212	456857	17.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	249343	10.31	ng/ul	-0.01

Target Compounds

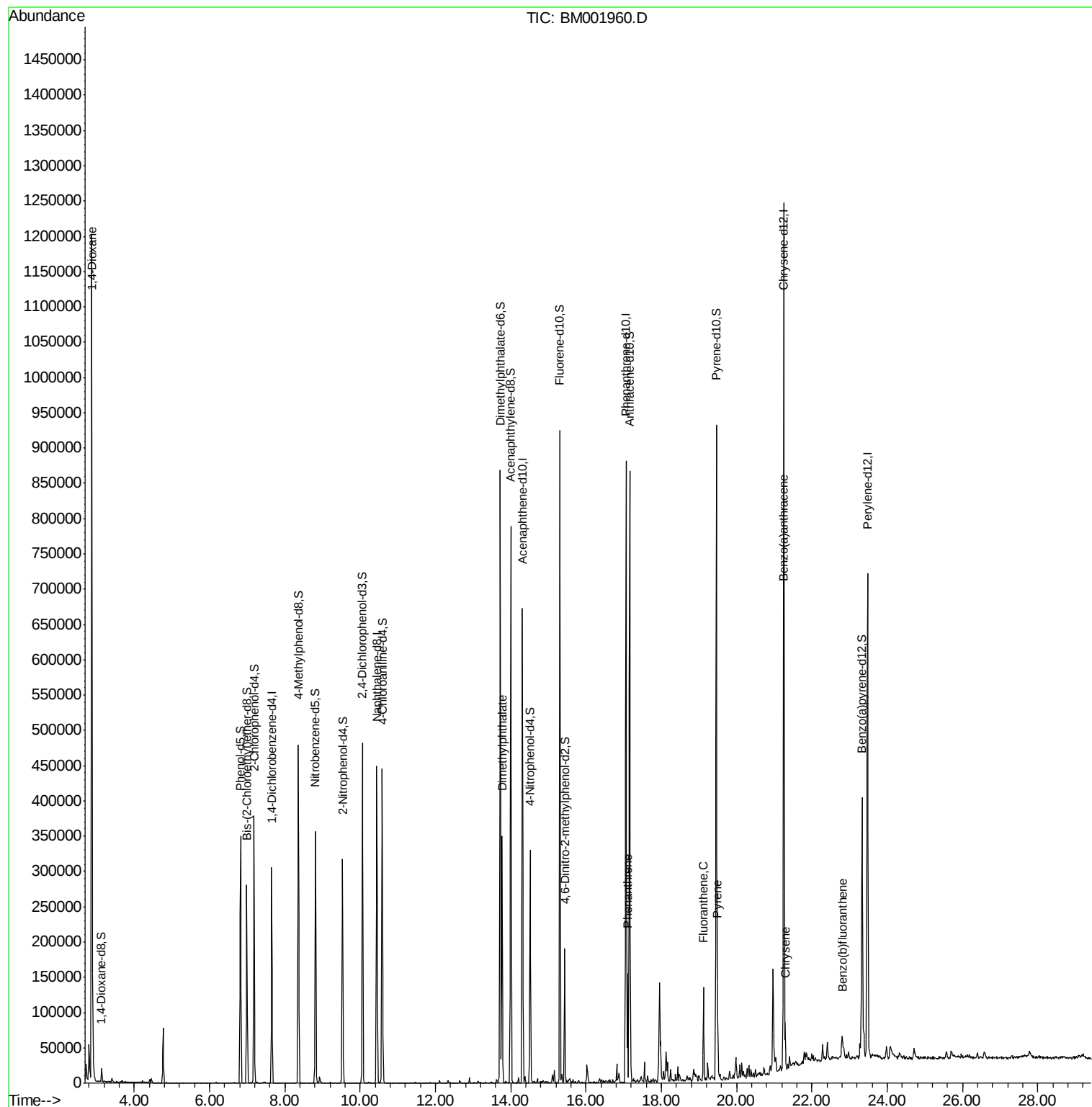
						Qvalue
2) 1,4-Dioxane	2.87	88	9658	5.38	ng/uL#	1
44) Dimethylphthalate	13.77	163	218746	11.72	ng/ul	97
69) Phenanthrene	17.10	178	93878	3.31	ng/ul	99
76) Fluoranthene	19.12	202	76009	2.29	ng/ul	99
79) Pyrene	19.48	202	93651	2.68	ng/ul	99
82) Benzo(a)anthracene	21.23	228	42688	1.23	ng/ul	98
84) Chrysene	21.29	228	36908	1.13	ng/ul	97
87) Benzo(b)fluoranthene	22.80	252	29503	1.01	ng/ul#	95

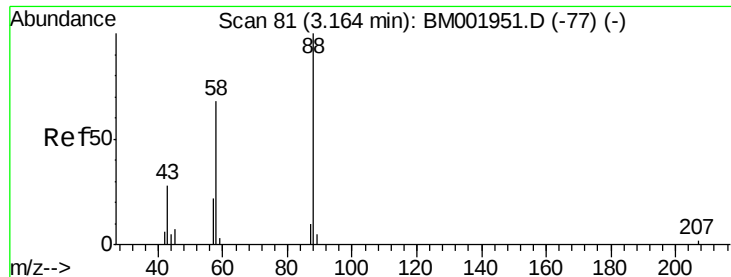
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 5.38 ng/uL

RT: 2.87 min Scan# 31

Delta R.T. -0.29 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

Instrument :

BNA_M

ClientSampleId :

C02H9

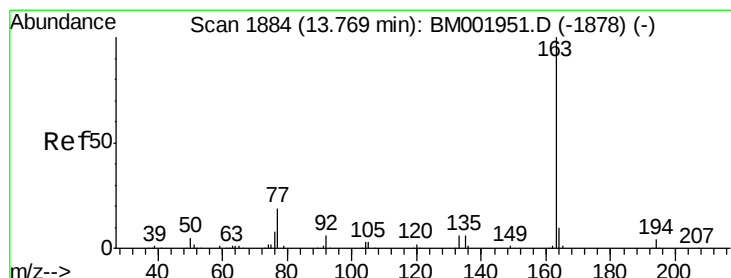
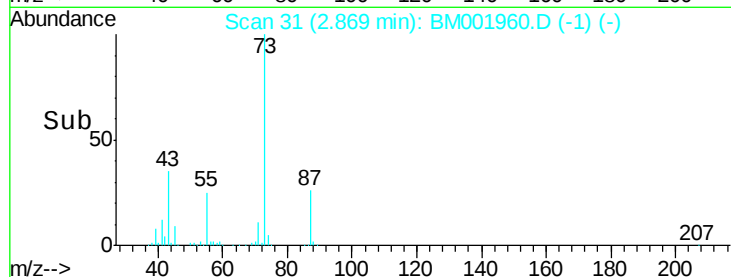
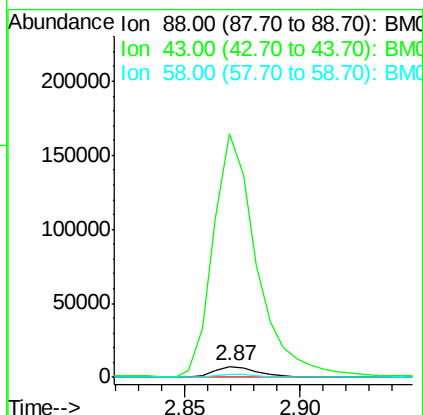
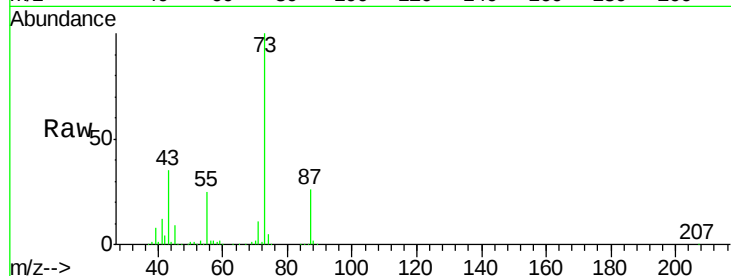
Tgt Ion: 88 Resp: 9658

Ion Ratio Lower Upper

88 100

43 2261.4 22.1 33.1#

58 26.5 54.9 82.3#



#44

Dimethylphthalate

Concen: 11.72 ng/uL

RT: 13.77 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

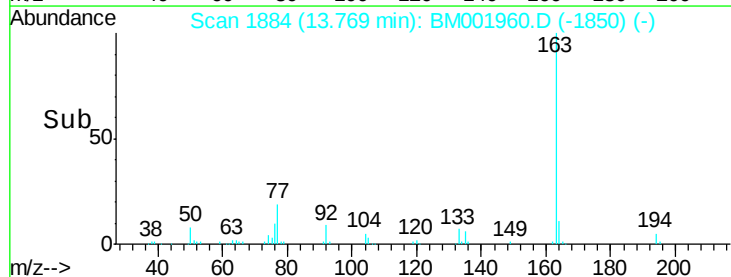
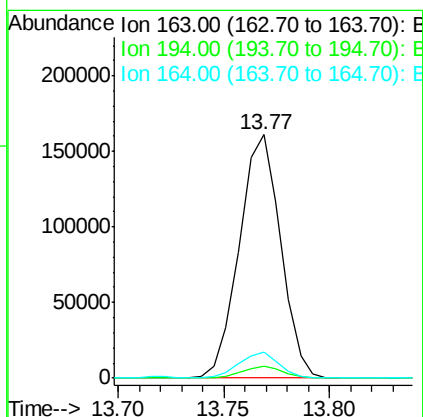
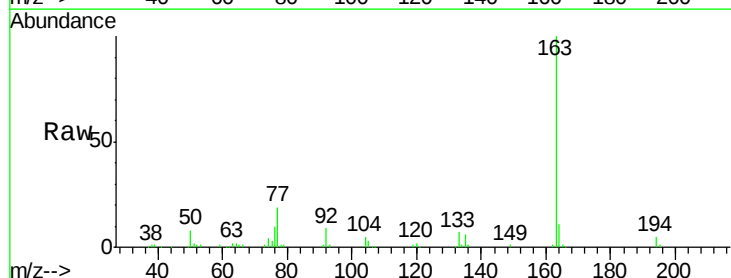
Tgt Ion: 163 Resp: 218746

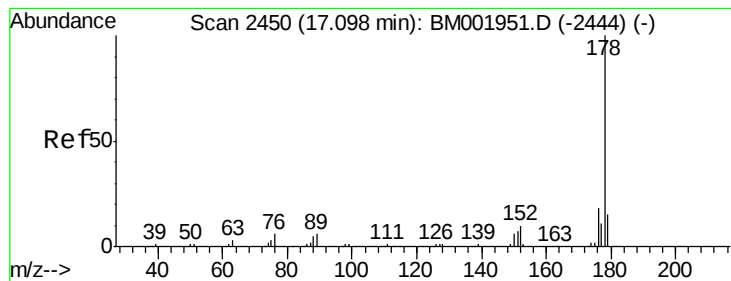
Ion Ratio Lower Upper

163 100

194 4.7 3.3 4.9

164 10.8 7.6 11.4





#69

Phenanthrene

Concen: 3.31 ng/ul

RT: 17.10 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

Instrument :

BNA_M

ClientSampleId :

C02H9

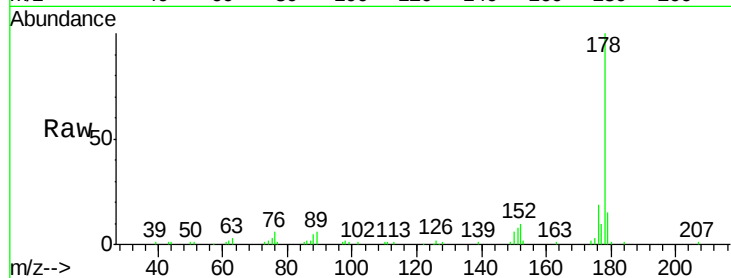
Tgt Ion:178 Resp: 93878

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

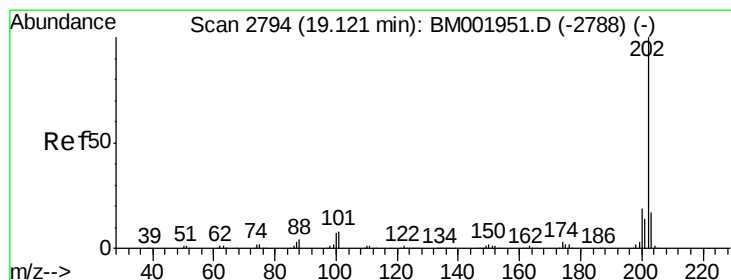
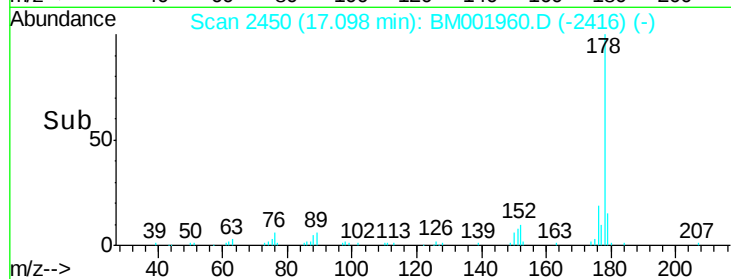
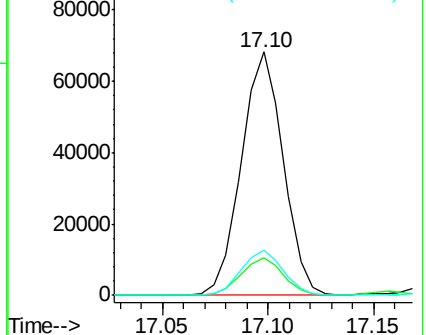
176 18.8 14.5 21.7



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



#76

Fluoranthene

Concen: 2.29 ng/ul

RT: 19.12 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

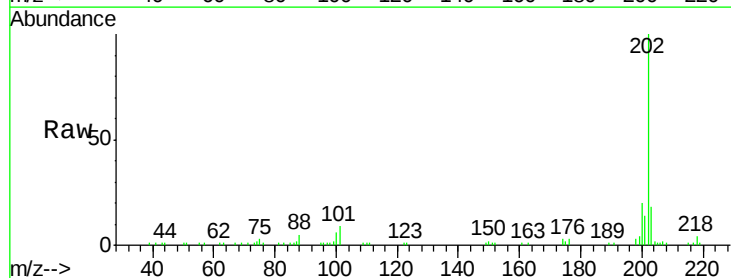
Tgt Ion:202 Resp: 76009

Ion Ratio Lower Upper

202 100

101 8.7 6.6 9.8

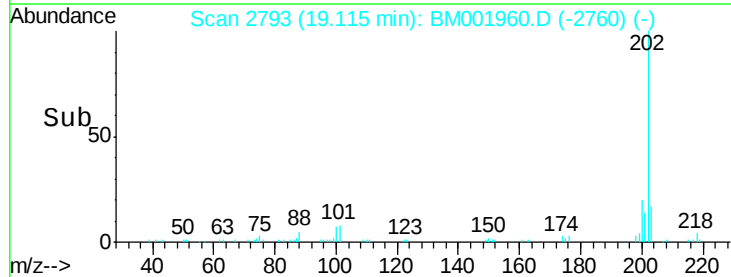
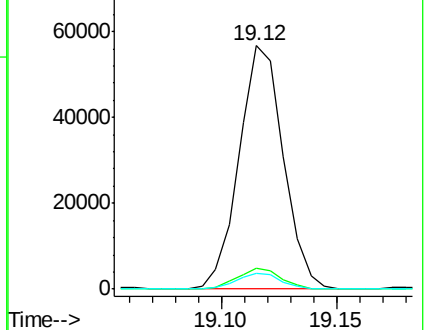
100 6.4 5.2 7.8

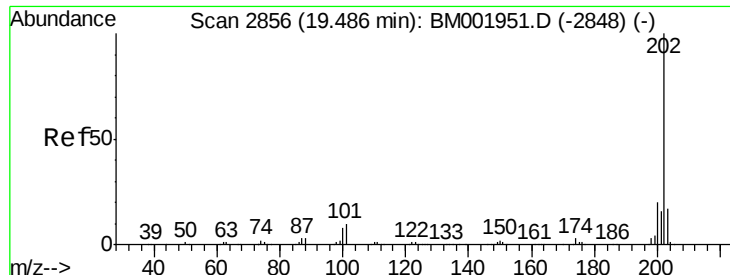


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 2.68 ng/ul

RT: 19.48 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

Instrument :

BNA_M

ClientSampleId :

C02H9

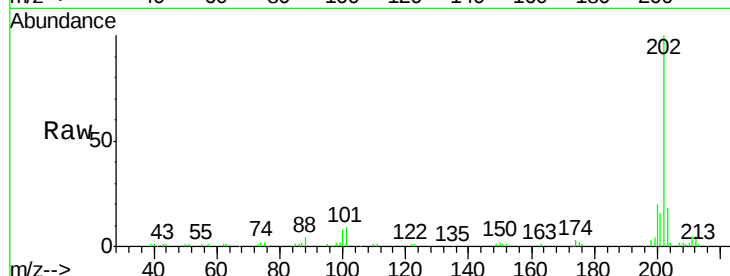
Tgt Ion:202 Resp: 93651

Ion Ratio Lower Upper

202 100

101 9.1 7.4 11.0

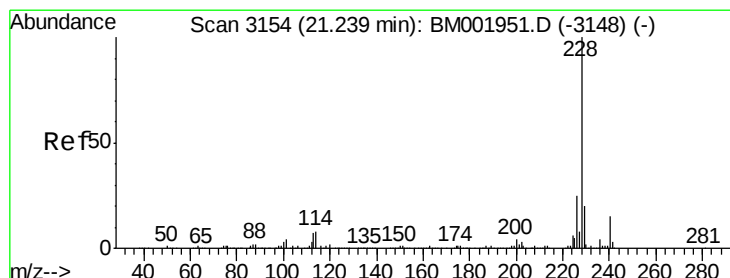
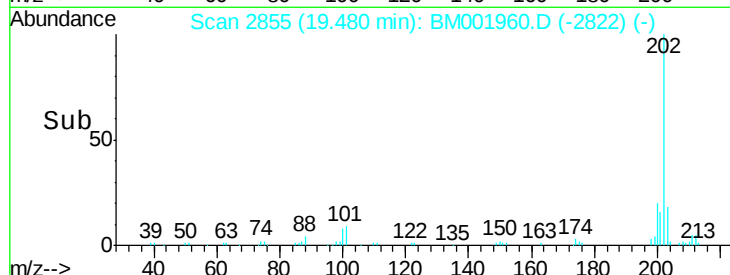
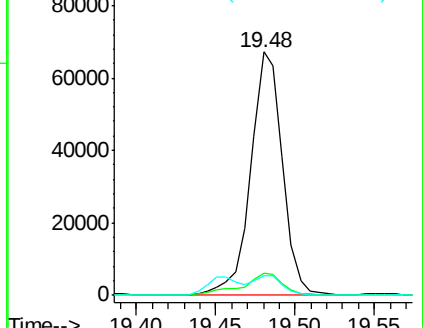
100 7.8 5.9 8.9



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



#82

Benzo(a)anthracene

Concen: 1.23 ng/ul

RT: 21.23 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

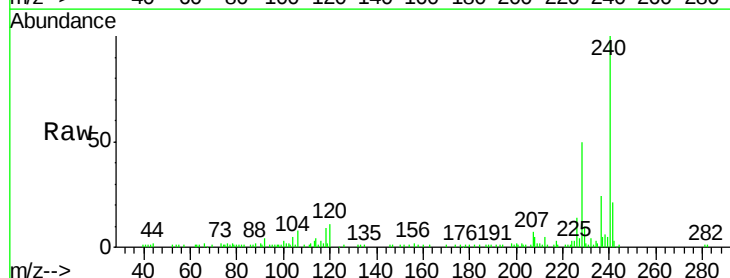
Tgt Ion:228 Resp: 42688

Ion Ratio Lower Upper

228 100

229 19.7 15.2 22.8

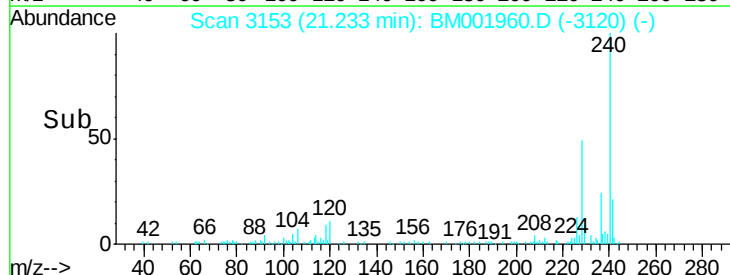
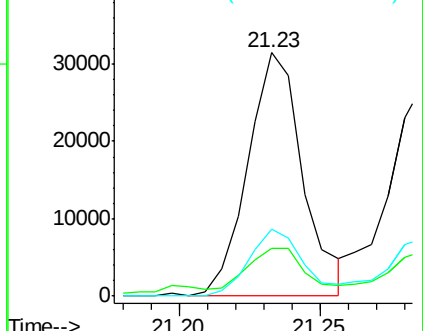
226 27.3 20.8 31.2

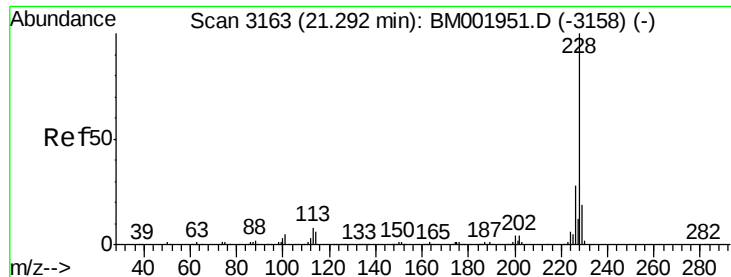


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.13 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

Instrument :

BNA_M

ClientSampleId :

C02H9

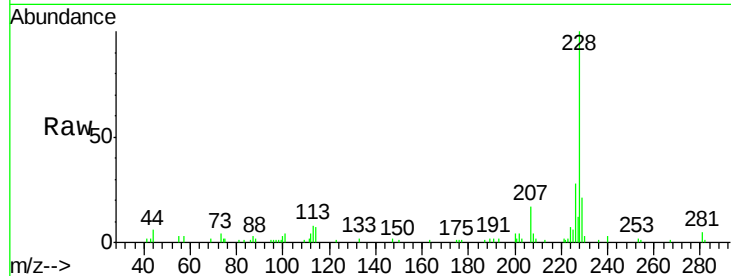
Tgt Ion:228 Resp: 36908

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

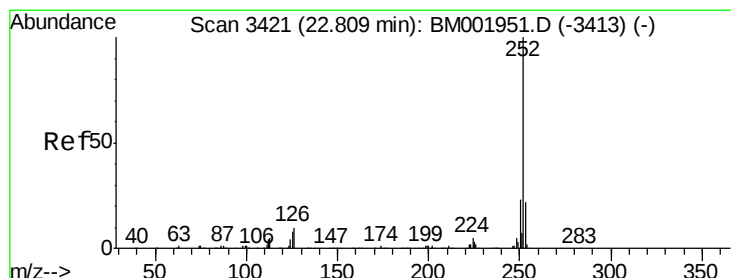
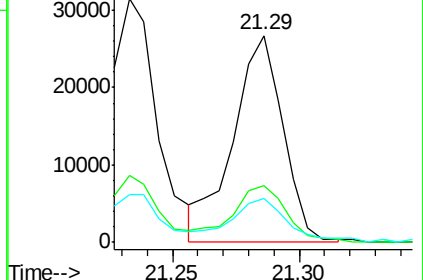
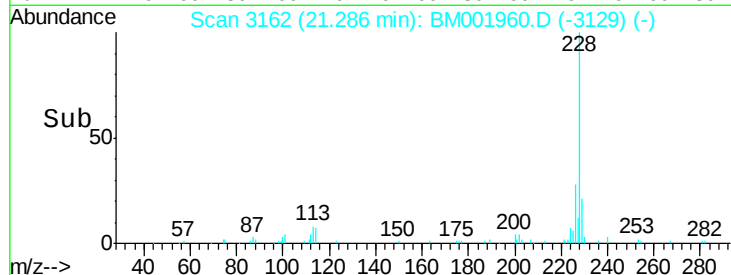
229 21.4 15.4 23.0



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



#87

Benzo(b)fluoranthene

Concen: 1.01 ng/ul

RT: 22.80 min Scan# 3420

Delta R.T. -0.01 min

Lab File: BM001960.D

Acq: 16 Jul 2015 23:33

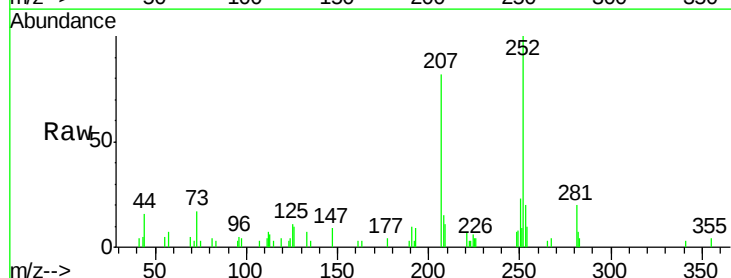
Tgt Ion:252 Resp: 29503

Ion Ratio Lower Upper

252 100

253 20.3 17.6 26.4

125 11.5 6.1 9.1#



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

