

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001481.D
 Acq On : 30 May 2015 18:49
 Operator : TP/IZ
 Sample : G2411-14RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC5RE

Quant Time: May 31 04:09:32 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 31 02:16:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	178593	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	722243	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	394301	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	773637	20.00	ng/ul	0.00
75) Chrysene-d12	21.02	240	762215	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	716392	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	15321	4.28	ng/uL	0.00
5) Phenol-d5	6.58	99	397670	30.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	241497	29.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	335679	31.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	322511	28.92	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	154945	32.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	181734	33.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	333651	31.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	291501	23.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	859201	31.08	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	1198521	31.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	145889	25.88	ng/ul	0.00
57) Fluorene-d10	15.07	176	791922	28.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	71714	15.06	ng/ul	0.00
70) Anthracene-d10	16.92	188	1085852	30.45	ng/ul	0.00
76) Pyrene-d10	19.22	212	1134693	34.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	923625	29.16	ng/ul	0.00

Target Compounds

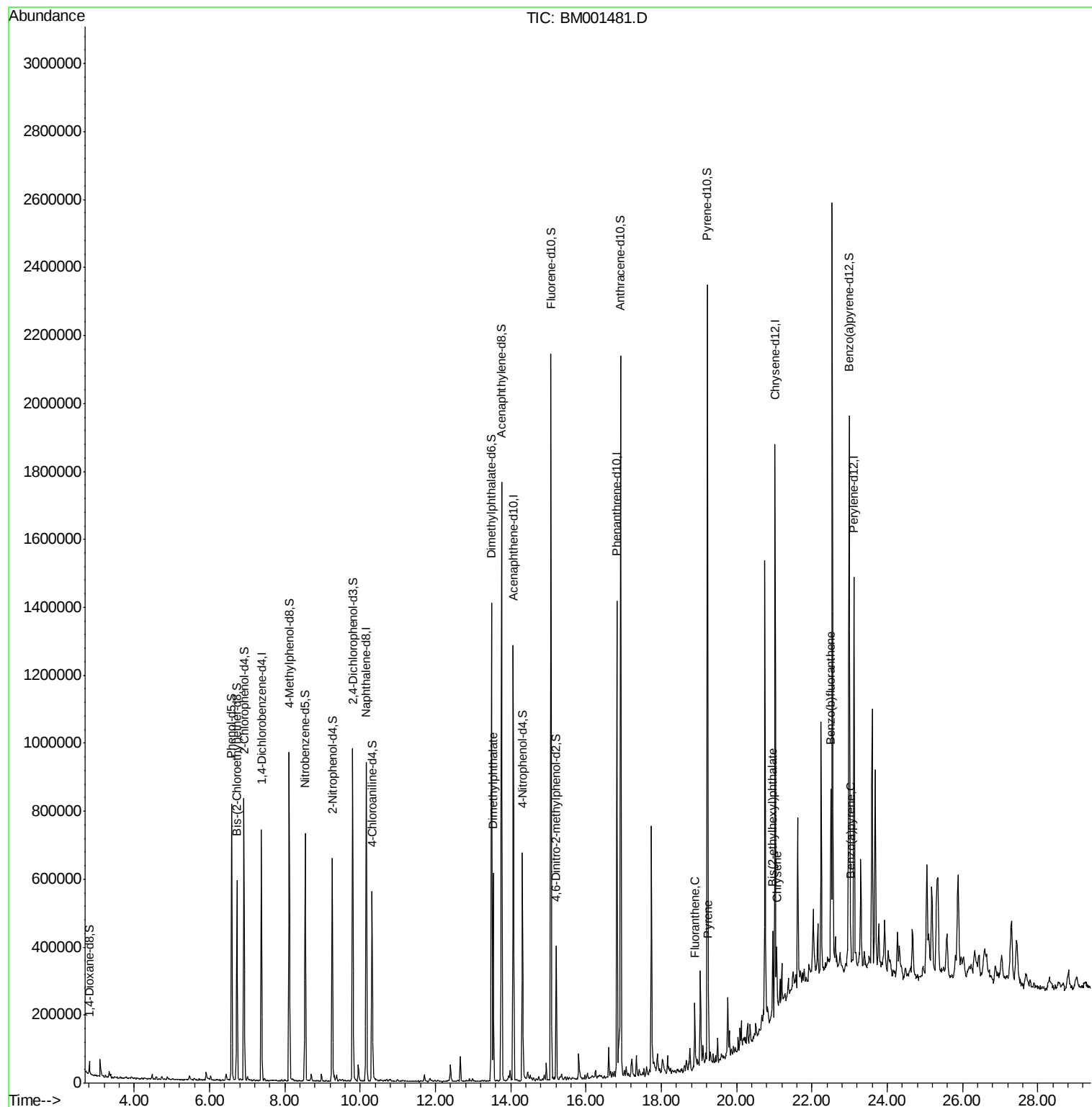
						Qvalue
44) Dimethylphthalate	13.53	163	353963	11.34	ng/ul	99
74) Fluoranthene	18.89	202	100325	1.92	ng/ul	97
77) Pyrene	19.25	202	94913	2.08	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	20.96	149	83072	2.92	ng/ul	96
82) Chrysene	21.06	228	53115	1.27	ng/ul	95
85) Benzo(b)fluoranthene	22.50	252	69774	1.59	ng/ul#	86
88) Benzo(a)pyrene	23.03	252	48079	1.17	ng/ul#	87

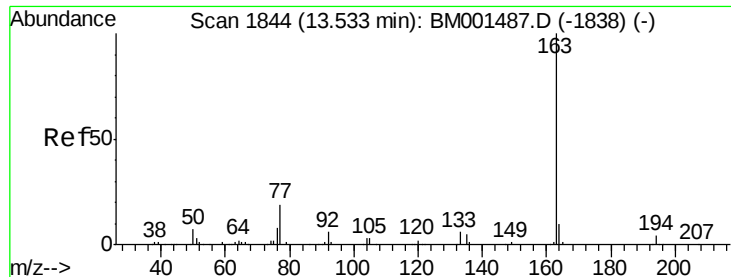
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 11.34 ng/ul

RT: 13.53 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BM001481.D

Acq: 30 May 2015 18:49

Instrument :

BNA_M

ClientSampleId :

BCRC5RE

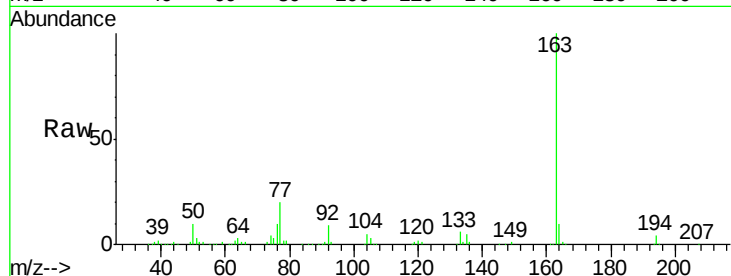
Tgt Ion:163 Resp: 353963

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

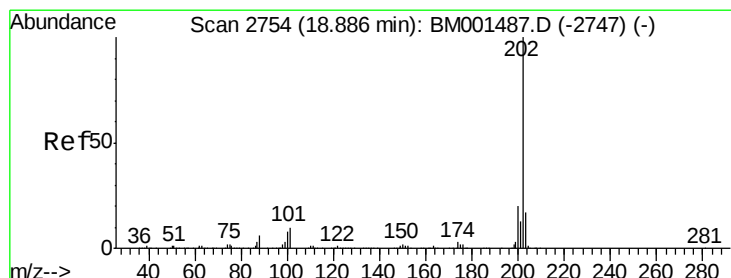
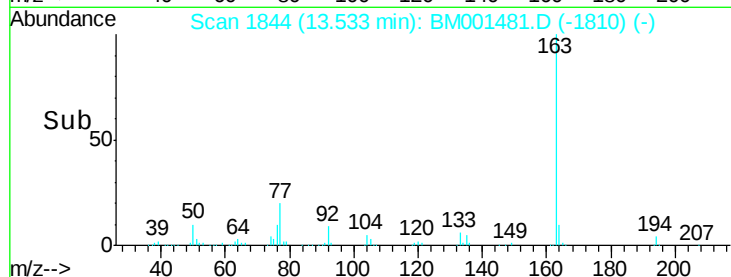
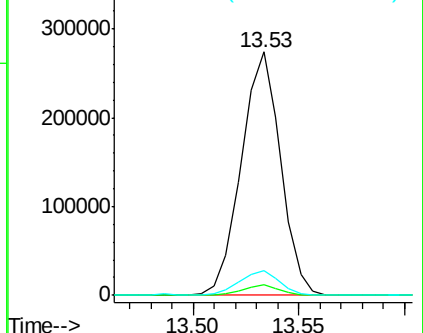
164 10.1 8.2 12.4



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



#74

Fluoranthene

Concen: 1.92 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BM001481.D

Acq: 30 May 2015 18:49

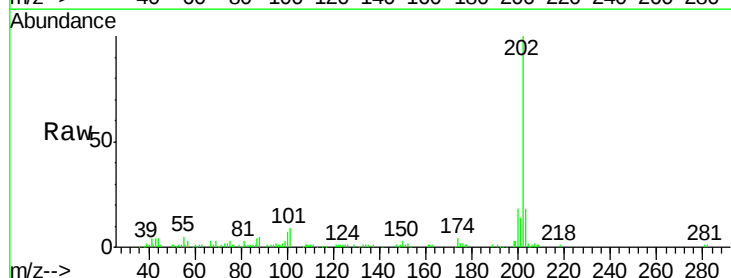
Tgt Ion:202 Resp: 100325

Ion Ratio Lower Upper

202 100

101 9.2 8.6 12.8

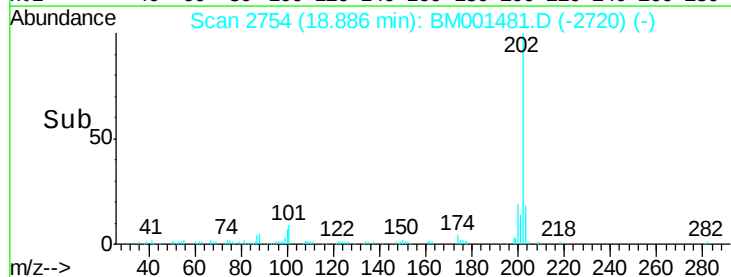
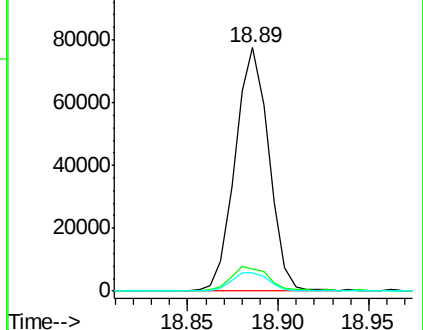
100 7.4 6.5 9.7

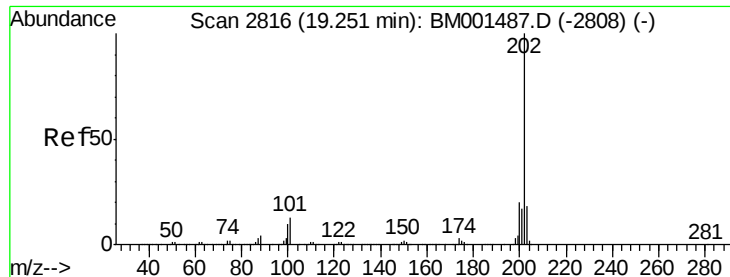


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.08 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM001481.D

Acq: 30 May 2015 18:49

Instrument :

BNA_M

ClientSampleId :

BCRC5RE

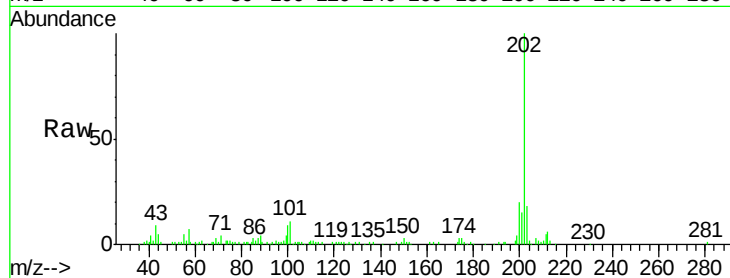
Tgt Ion:202 Resp: 94913

Ion Ratio Lower Upper

202 100

101 11.4 10.3 15.5

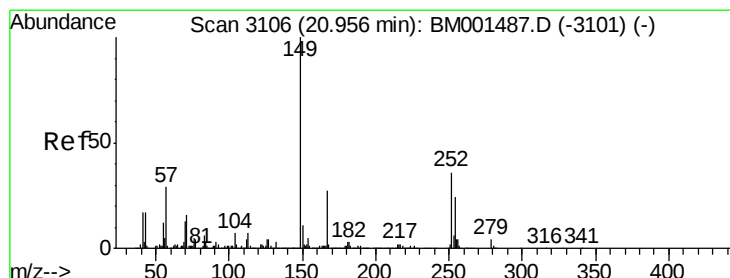
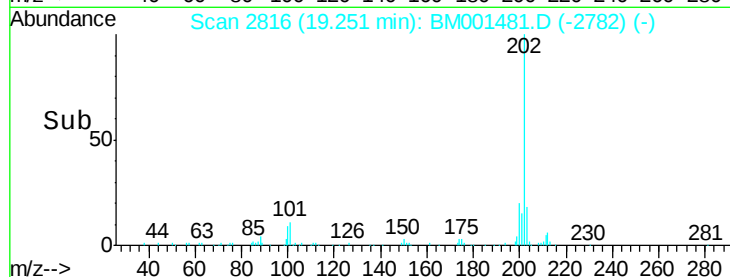
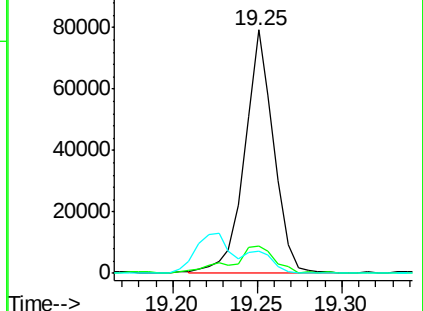
100 8.9 8.6 12.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.92 ng/ul

RT: 20.96 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM001481.D

Acq: 30 May 2015 18:49

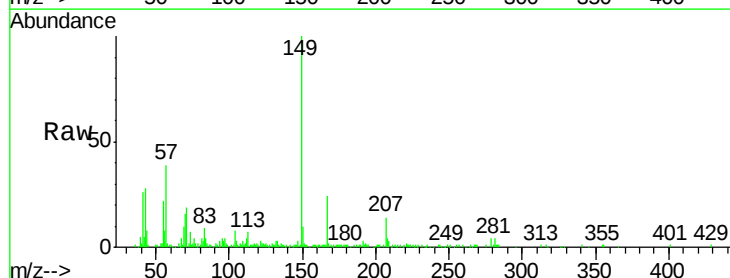
Tgt Ion:149 Resp: 83072

Ion Ratio Lower Upper

149 100

167 24.4 21.2 31.8

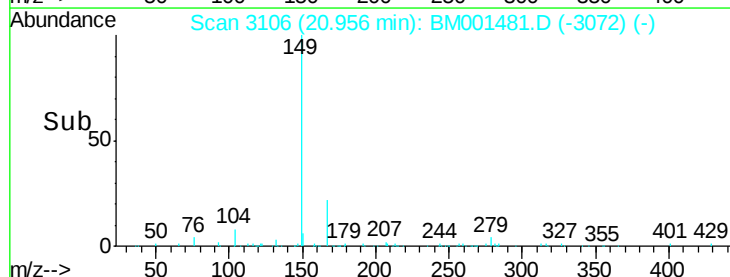
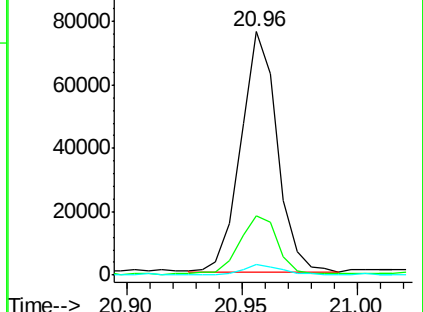
279 4.1 3.1 4.7

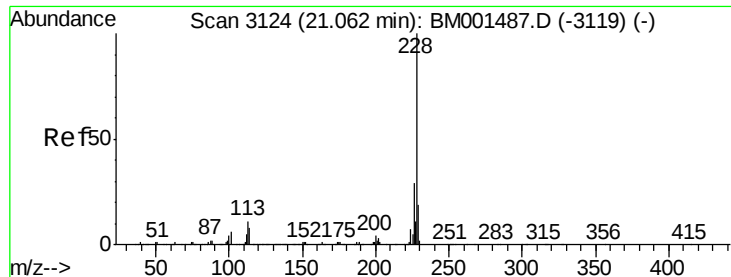


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.27 ng/ul

RT: 21.06 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BM001481.D

Acq: 30 May 2015 18:49

Instrument :

BNA_M

ClientSampleId :

BCRC5RE

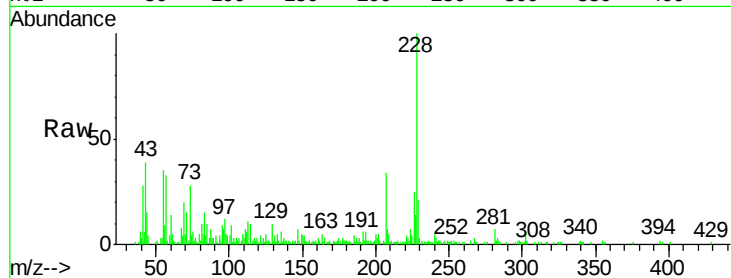
Tgt Ion:228 Resp: 53115

Ion Ratio Lower Upper

228 100

226 25.4 23.0 34.4

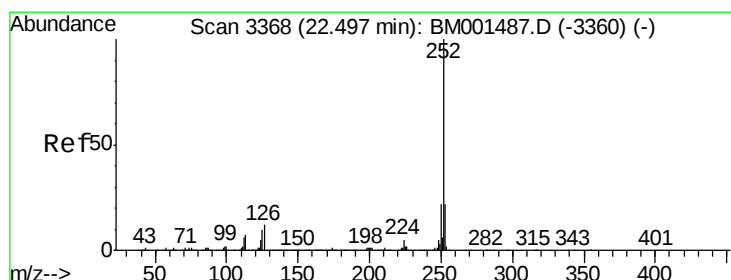
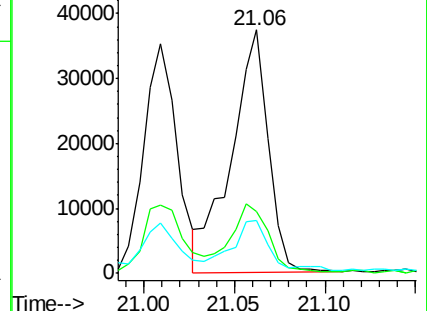
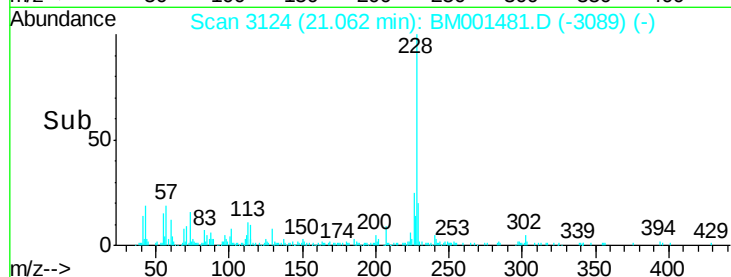
229 21.5 15.7 23.5



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: 1.59 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM001481.D

Acq: 30 May 2015 18:49

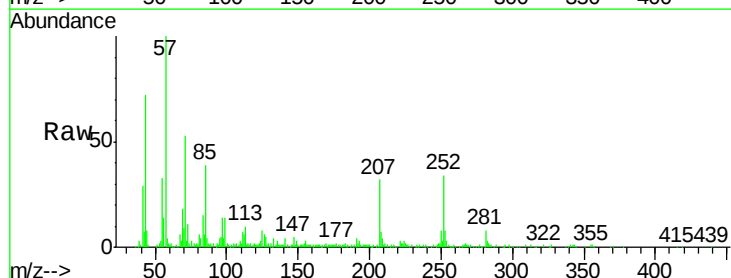
Tgt Ion:252 Resp: 69774

Ion Ratio Lower Upper

252 100

253 24.3 18.0 27.0

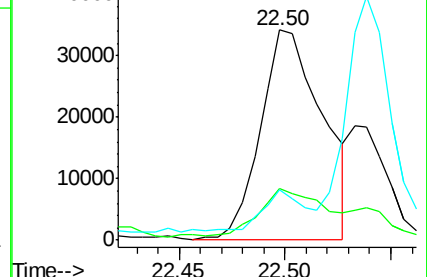
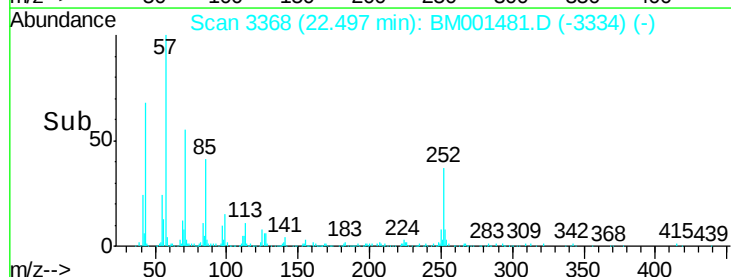
125 23.8 8.6 12.8#

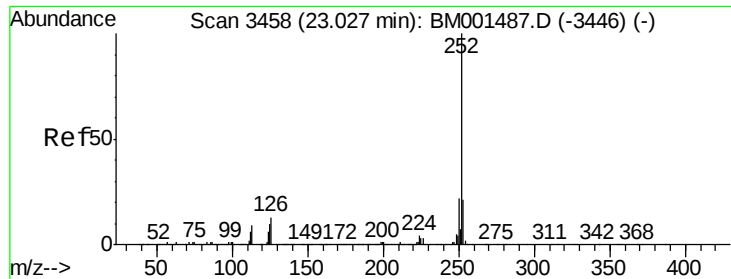


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.17 ng/ul

RT: 23.03 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BM001481.D

Acq: 30 May 2015 18:49

Instrument :

BNA_M

ClientSampleId :

BCRC5RE

Tgt Ion:252 Resp: 48079

Ion Ratio Lower Upper

252 100

253 25.5 17.0 25.4#

125 18.9 8.8 13.2#

