

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001459.D
 Acq On : 30 May 2015 00:32
 Operator : TP/IZ
 Sample : G2411-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC2

Quant Time: May 30 04:22:05 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 30 02:30:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	163414	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	719004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	412716	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	819354	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	720726	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	659000	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	15546	4.75	ng/uL	0.00
5) Phenol-d5	6.59	99	422958	34.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	251634	33.37	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	354549	35.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	360528	35.33	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	165167	35.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	198424	37.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	373702	34.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	344044	27.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	989363	34.19	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	1382546	35.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	167310	28.35	ng/ul	0.00
57) Fluorene-d10	15.07	176	935610	32.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	81624	16.19	ng/ul	0.00
70) Anthracene-d10	16.92	188	1286304	34.06	ng/ul	0.00
76) Pyrene-d10	19.23	212	1252233	39.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	1000129	34.32	ng/ul	0.00

Target Compounds

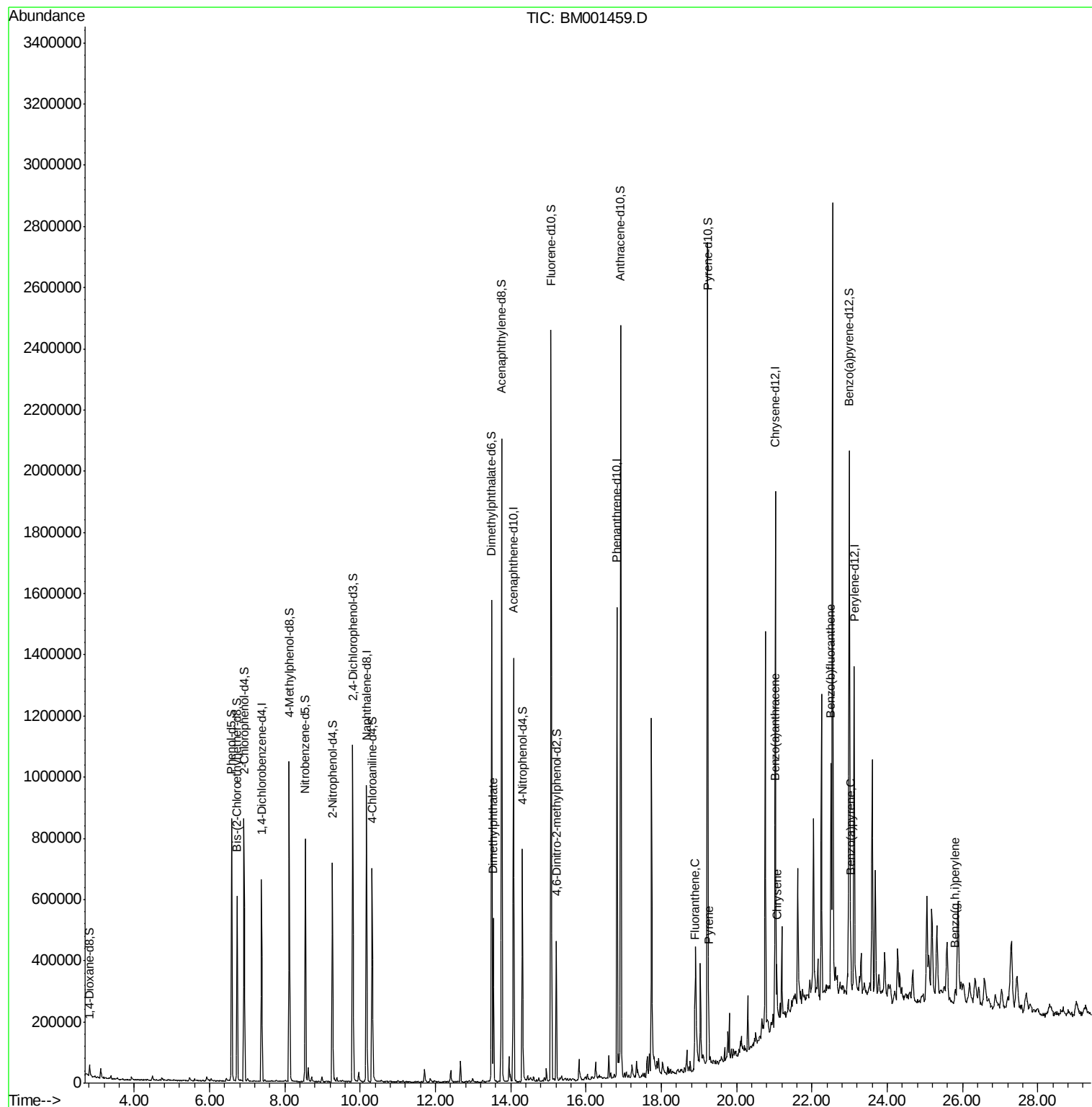
						Qvalue
44) Dimethylphthalate	13.53	163	315160	9.65	ng/ul	98
74) Fluoranthene	18.89	202	119134	2.16	ng/ul	98
77) Pyrene	19.26	202	115235	2.67	ng/ul	98
80) Benzo(a)anthracene	21.01	228	60644	1.44	ng/ul	95
82) Chrysene	21.06	228	63834	1.61	ng/ul	97
85) Benzo(b)fluoranthene	22.50	252	84529	2.10	ng/ul#	88
88) Benzo(a)pyrene	23.03	252	54734	1.45	ng/ul#	92
91) Benzo(g,h,i)perylene	25.79	276	39974	1.22	ng/ul	95

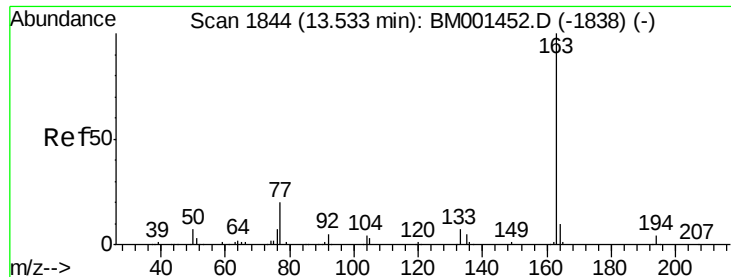
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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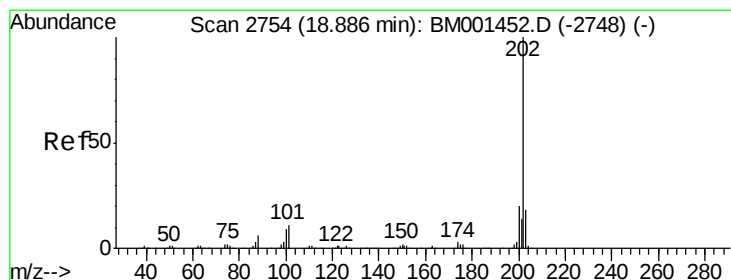
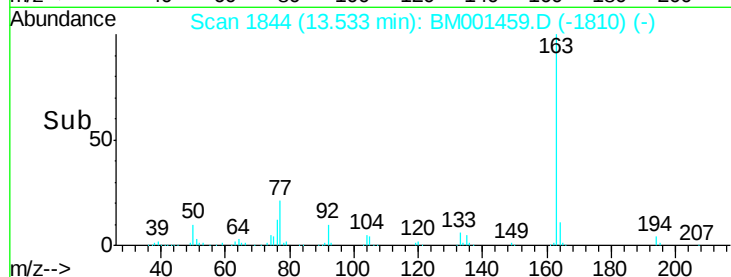
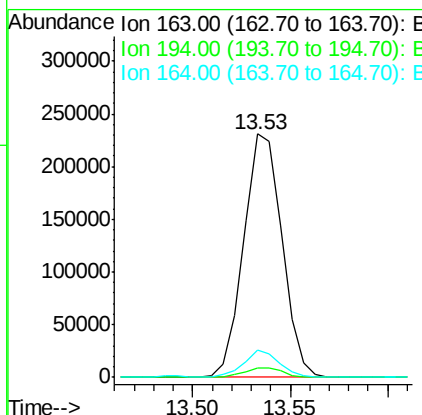
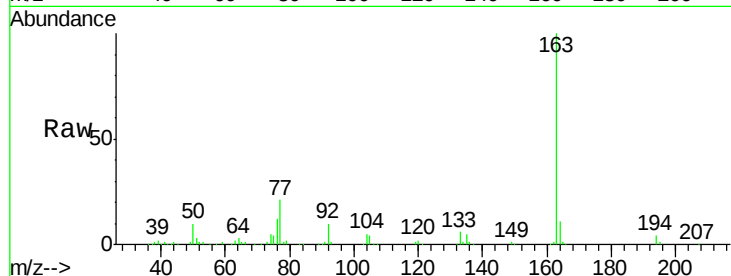




#44
Dimethylphthalate
Concen: 9.65 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM001459.D
Acq: 30 May 2015 00:32

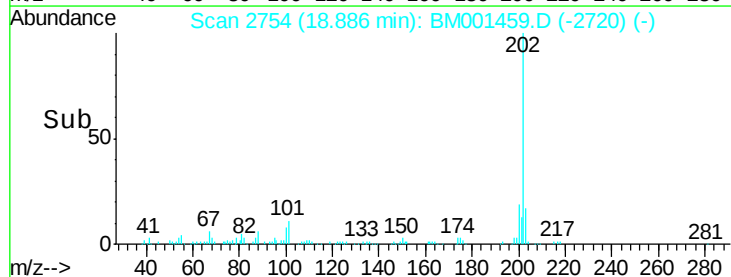
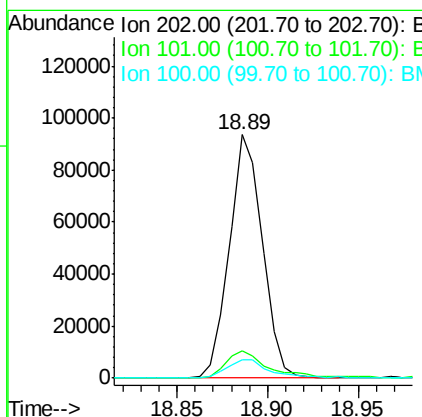
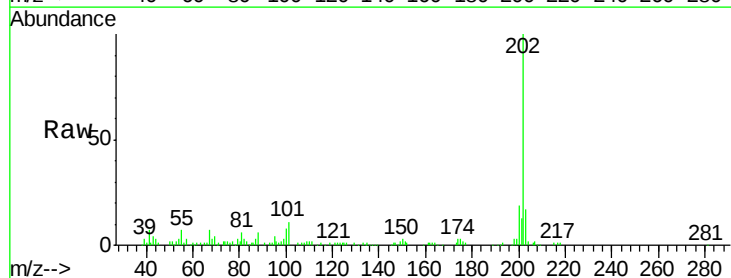
Instrument :
BNA_M
ClientSampleId :
BCRC2

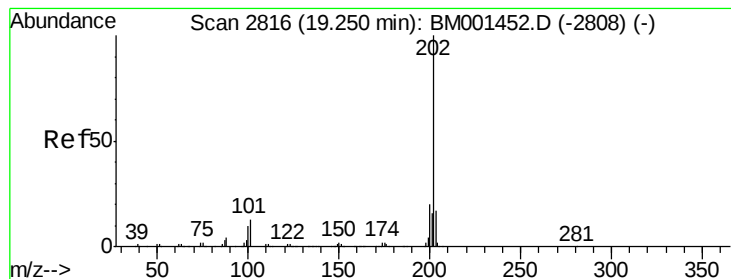
Tgt Ion:163 Resp: 315160
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 11.3 8.2 12.4



#74
Fluoranthene
Concen: 2.16 ng/ul
RT: 18.89 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BM001459.D
Acq: 30 May 2015 00:32

Tgt Ion:202 Resp: 119134
Ion Ratio Lower Upper
202 100
101 11.5 8.6 12.8
100 7.8 6.5 9.7





#77

Pyrene

Concen: 2.67 ng/ul

RT: 19.26 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BM001459.D

Acq: 30 May 2015 00:32

Instrument :

BNA_M

ClientSampleId :

BCRC2

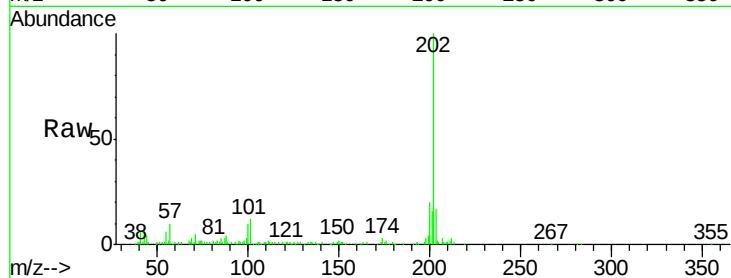
Tgt Ion:202 Resp: 115235

Ion Ratio Lower Upper

202 100

101 12.3 10.3 15.5

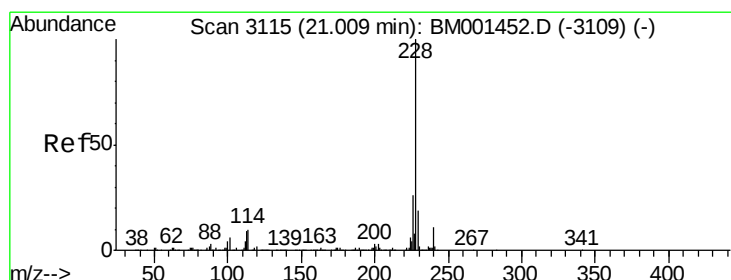
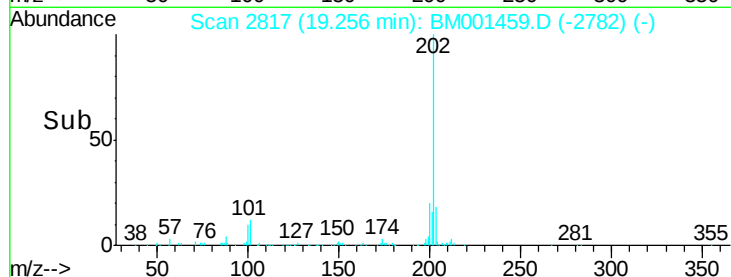
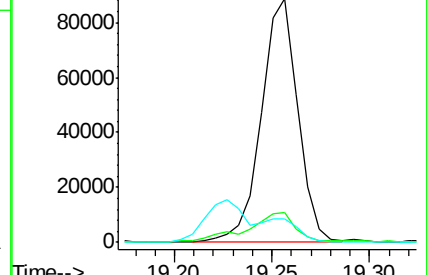
100 9.6 8.6 12.8



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



#80

Benzo(a)anthracene

Concen: 1.44 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM001459.D

Acq: 30 May 2015 00:32

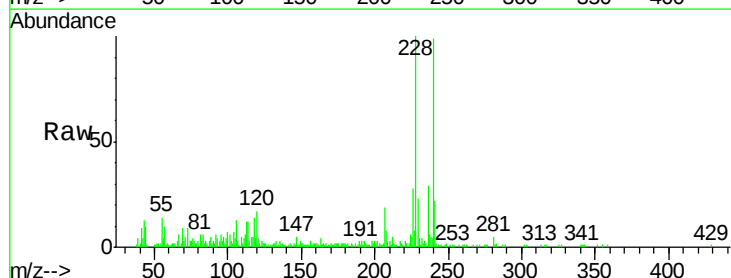
Tgt Ion:228 Resp: 60644

Ion Ratio Lower Upper

228 100

229 22.8 15.8 23.8

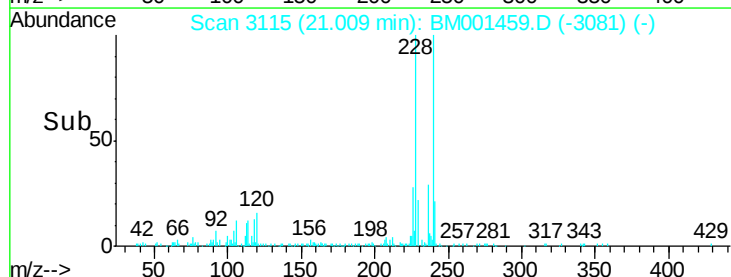
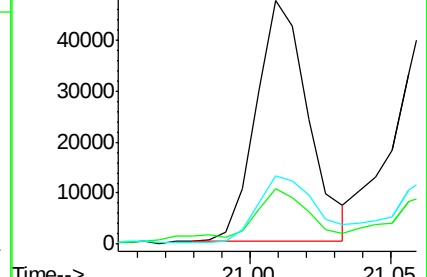
226 28.0 20.6 30.8

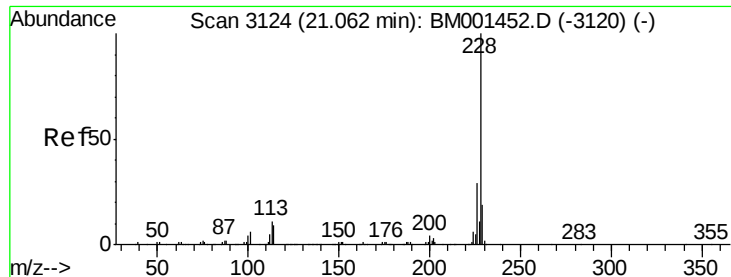


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.61 ng/ul

RT: 21.06 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BM001459.D

Acq: 30 May 2015 00:32

Instrument :

BNA_M

ClientSampleId :

BCRC2

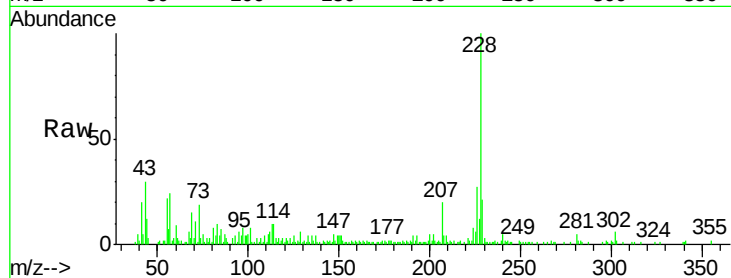
Tgt Ion:228 Resp: 63834

Ion Ratio Lower Upper

228 100

226 26.8 23.0 34.4

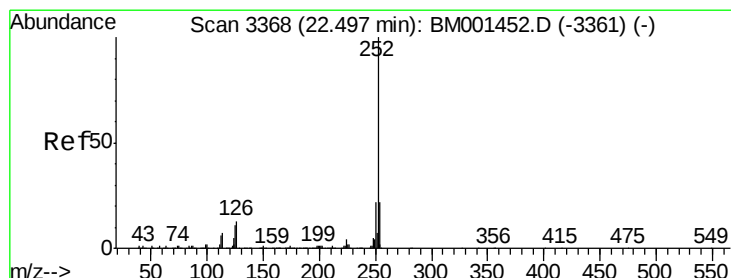
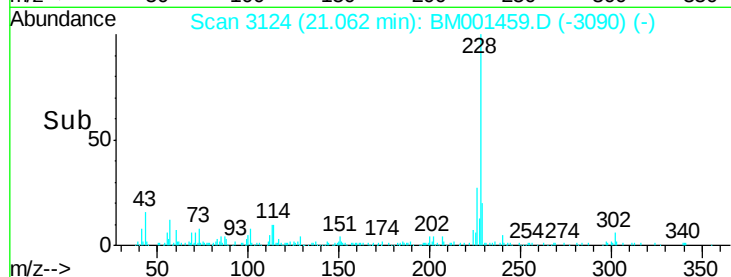
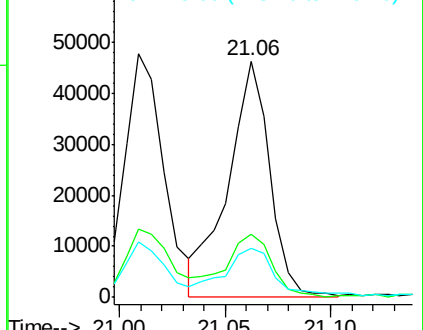
229 20.7 15.7 23.5



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: 2.10 ng/ul

RT: 22.50 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM001459.D

Acq: 30 May 2015 00:32

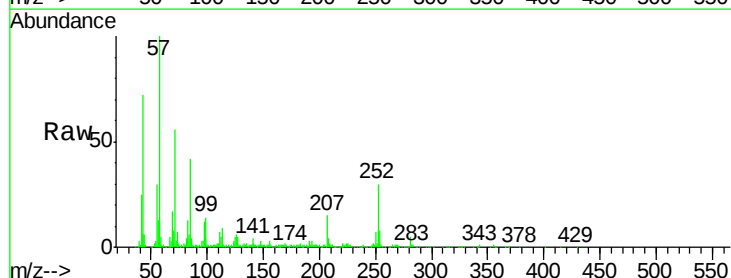
Tgt Ion:252 Resp: 84529

Ion Ratio Lower Upper

252 100

253 27.3 18.0 27.0#

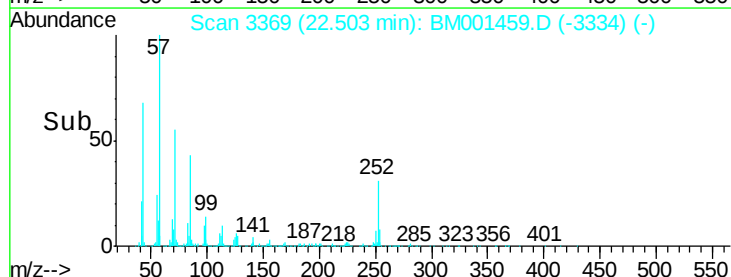
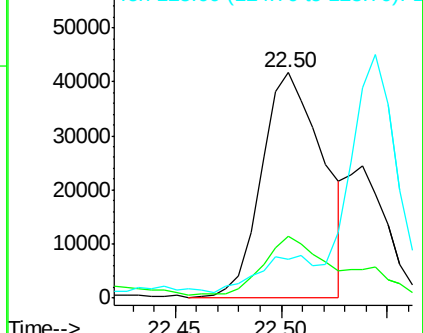
125 17.1 8.6 12.8#

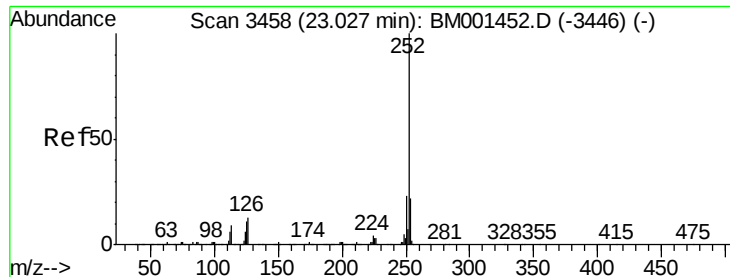


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.45 ng/ul

RT: 23.03 min Scan# 3458

Delta R.T. 0.00 min

Lab File: BM001459.D

Acq: 30 May 2015 00:32

Instrument :

BNA_M

ClientSampleId :

BCRC2

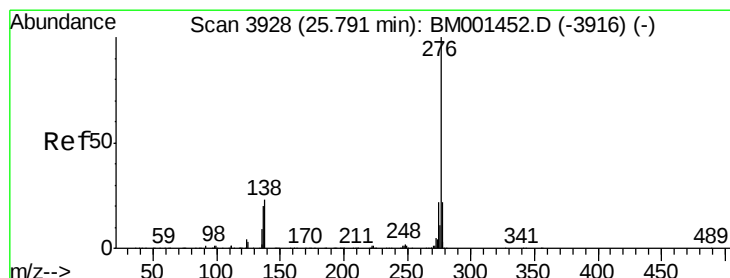
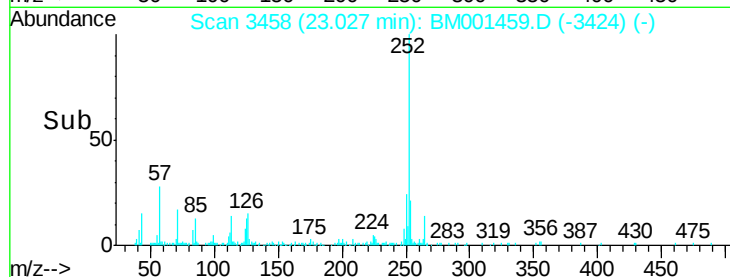
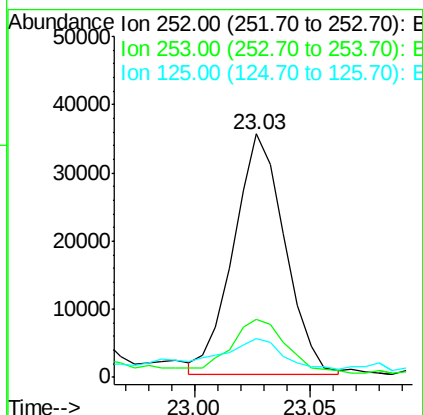
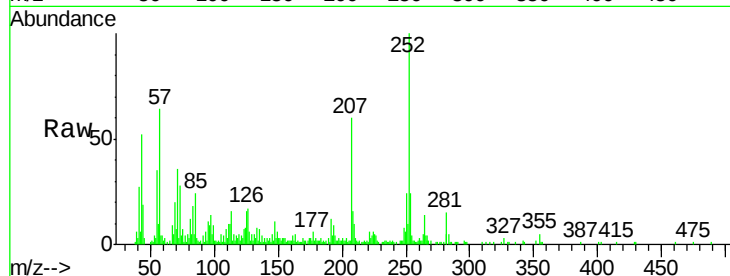
Tgt Ion:252 Resp: 54734

Ion Ratio Lower Upper

252 100

253 24.1 17.0 25.4

125 15.9 8.8 13.2#



#91

Benzo(g,h,i)perylene

Concen: 1.22 ng/ul

RT: 25.79 min Scan# 3928

Delta R.T. 0.00 min

Lab File: BM001459.D

Acq: 30 May 2015 00:32

Tgt Ion:276 Resp: 39974

Ion Ratio Lower Upper

276 100

138 25.9 17.9 26.9

277 26.3 19.7 29.5

