

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001463.D
 Acq On : 30 May 2015 02:57
 Operator : TP/IZ
 Sample : G2411-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC8

Quant Time: May 30 04:36:41 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	157798	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	693525	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	391260	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	779319	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	702608	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	639829	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	19279	6.10	ng/uL	0.00
5) Phenol-d5	6.59	99	505097	43.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	302209	41.51	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	421289	44.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	419315	42.56	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	204621	45.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	243814	47.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	447940	43.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	334821	27.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	1181199	43.05	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	1554920	41.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	215477	38.52	ng/ul	0.00
57) Fluorene-d10	15.07	176	974276	35.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	94259	19.65	ng/ul	0.00
70) Anthracene-d10	16.92	188	1296171	36.08	ng/ul	0.00
76) Pyrene-d10	19.23	212	1157042	37.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	808820	28.59	ng/ul	0.00

Target Compounds

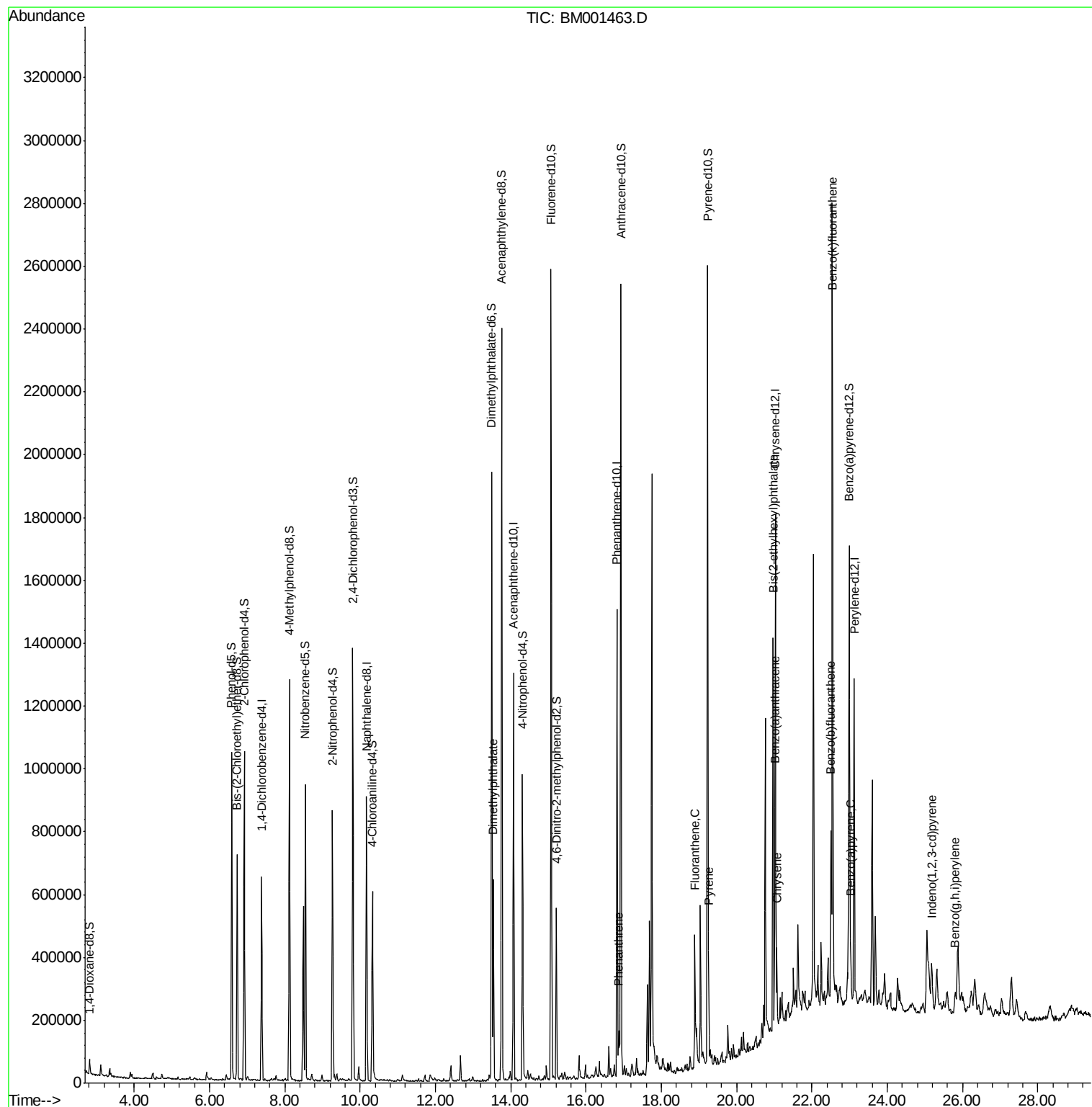
						Qvalue
44) Dimethylphthalate	13.54	163	370220	11.95	ng/ul	98
69) Phenanthrene	16.86	178	78451	1.81	ng/ul	99
74) Fluoranthene	18.89	202	208634	3.97	ng/ul	97
77) Pyrene	19.26	202	187688	4.47	ng/ul	99
80) Benzo(a)anthracene	21.01	228	85310	2.08	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	20.96	149	403843	15.42	ng/ul	99
82) Chrysene	21.06	228	98304	2.54	ng/ul	99
85) Benzo(b)fluoranthene	22.50	252	128289	3.27	ng/ul#	95
86) Benzo(k)fluoranthene	22.54	252	48006	1.28	ng/ul#	13
88) Benzo(a)pyrene	23.03	252	89140	2.43	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.17	276	62189	1.61	ng/ul#	91
91) Benzo(g,h,i)perylene	25.80	276	62554	1.96	ng/ul	97

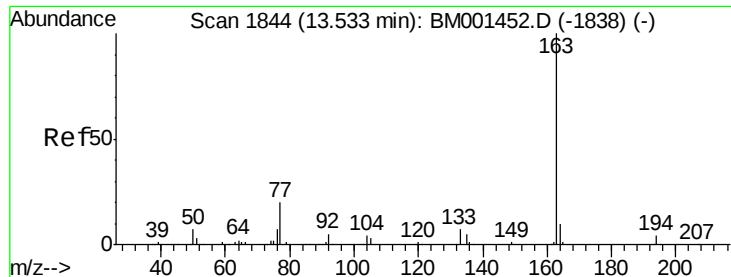
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 11.95 ng/ul

RT: 13.54 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

Instrument :

BNA_M

ClientSampleId :

BCRC8

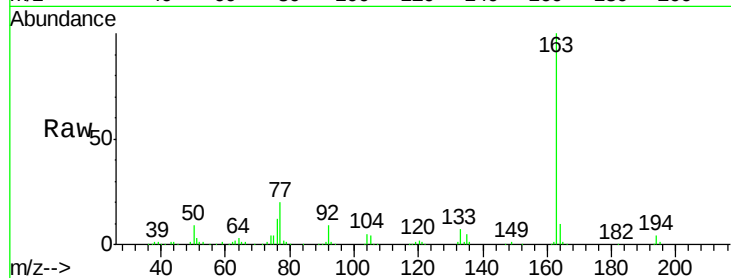
Tgt Ion:163 Resp: 370220

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

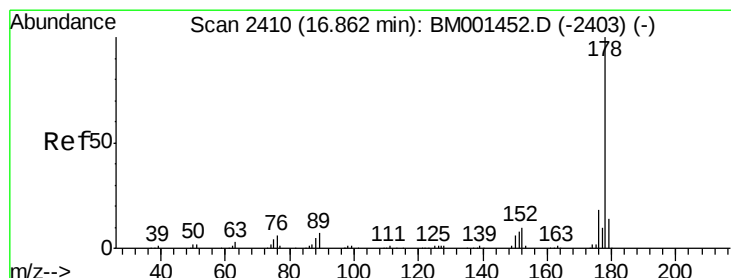
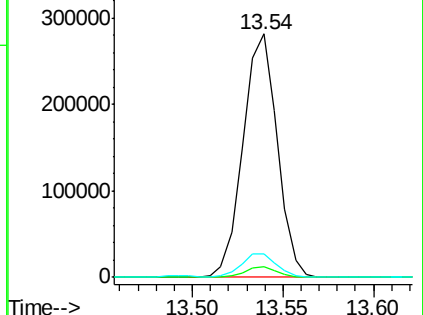
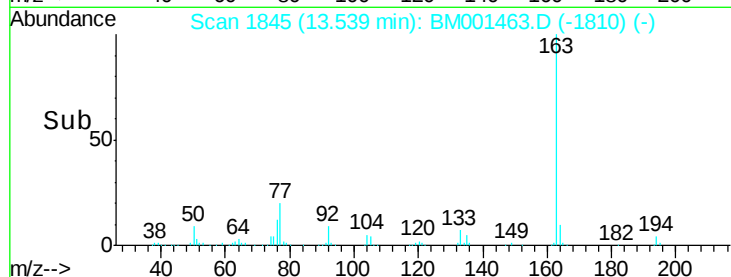
164 9.5 8.2 12.4



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



#69

Phenanthrene

Concen: 1.81 ng/ul

RT: 16.86 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

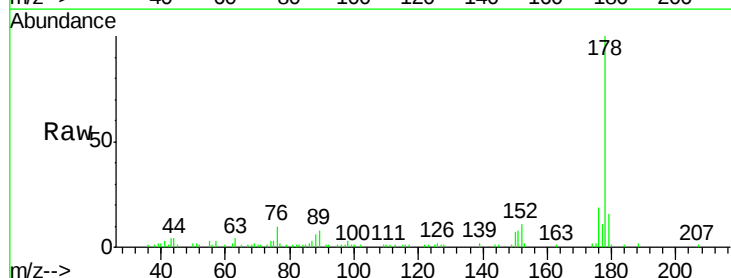
Tgt Ion:178 Resp: 78451

Ion Ratio Lower Upper

178 100

179 15.8 11.9 17.9

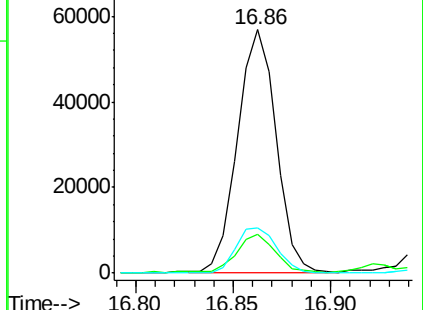
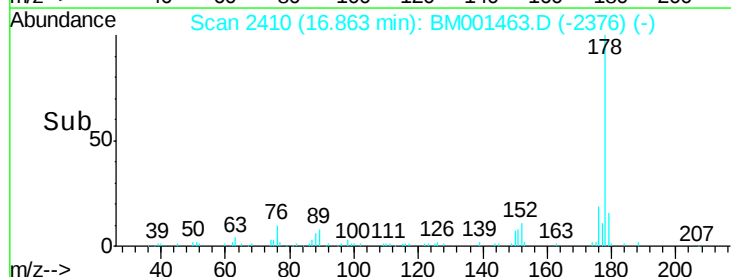
176 18.7 15.0 22.4

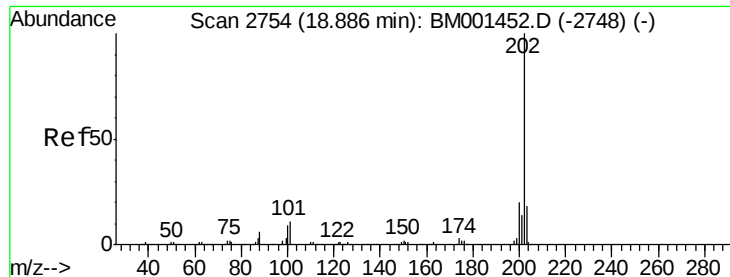


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.97 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

Instrument :

BNA_M

ClientSampleId :

BCRC8

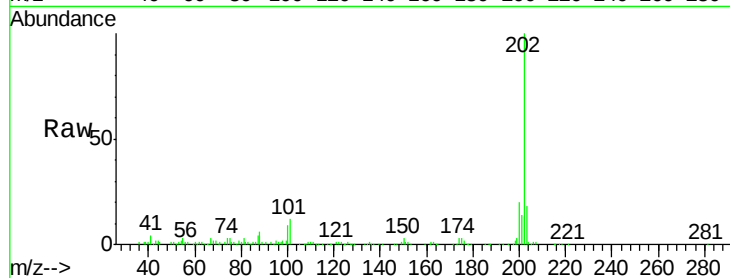
Tgt Ion:202 Resp: 208634

Ion Ratio Lower Upper

202 100

101 12.2 8.6 12.8

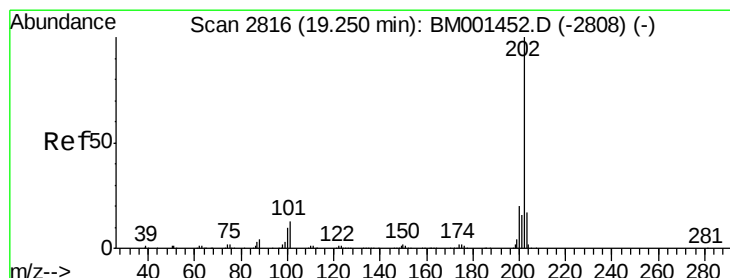
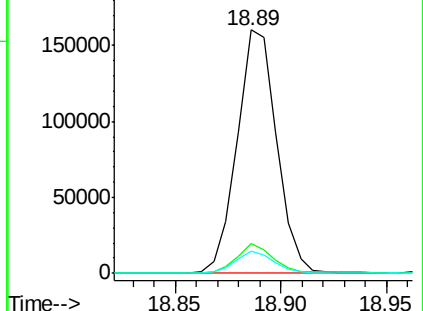
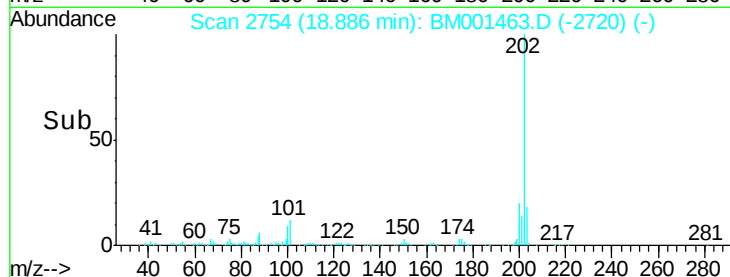
100 8.9 6.5 9.7



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: 4.47 ng/ul

RT: 19.26 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

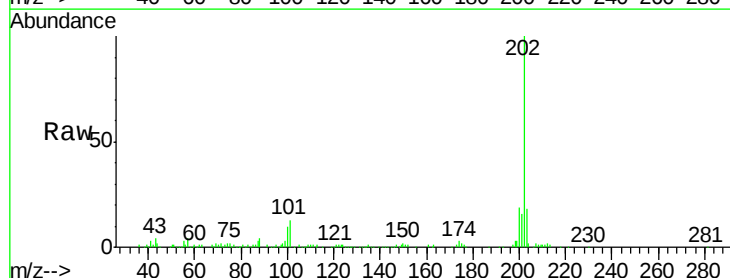
Tgt Ion:202 Resp: 187688

Ion Ratio Lower Upper

202 100

101 12.7 10.3 15.5

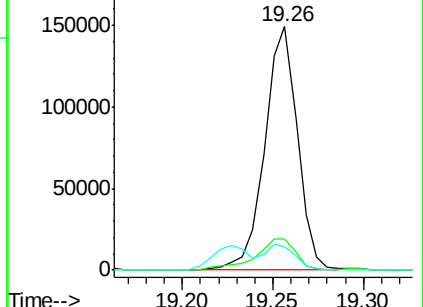
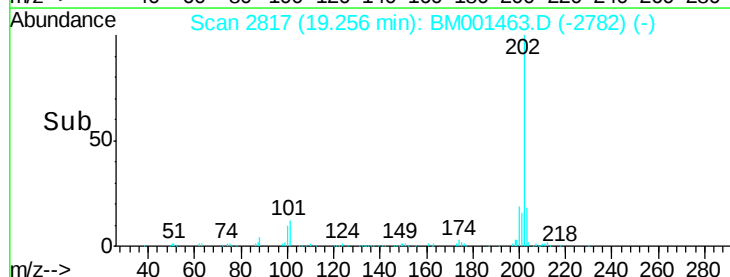
100 9.7 8.6 12.8

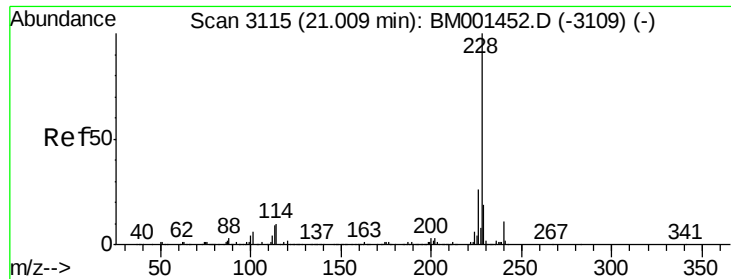


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.08 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

Instrument :

BNA_M

ClientSampleId :

BCRC8

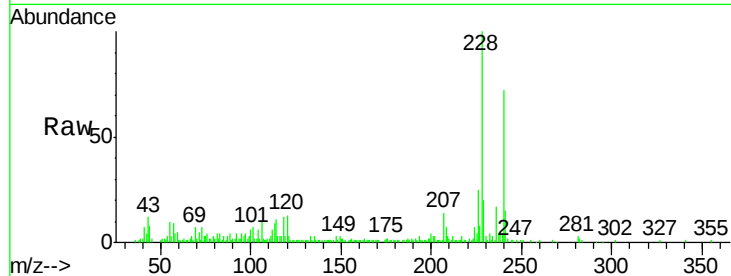
Tgt Ion:228 Resp: 85310

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.8

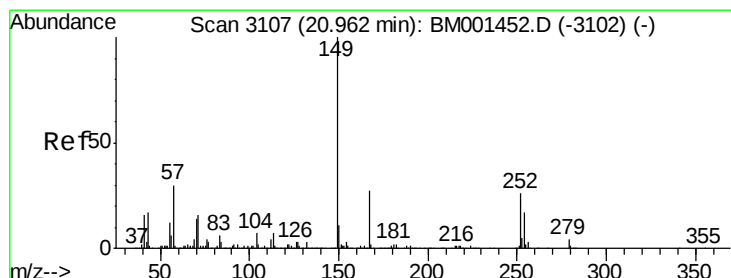
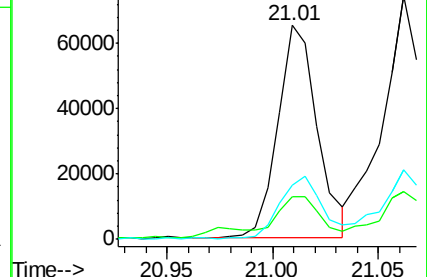
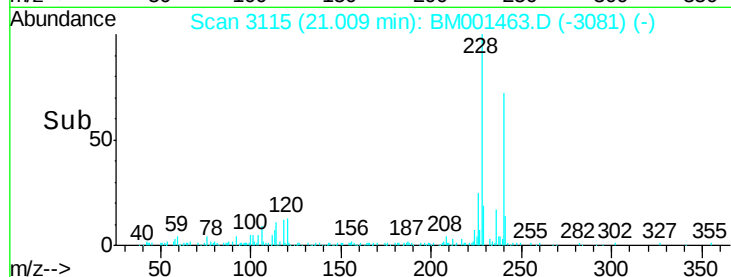
226 25.5 20.6 30.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 15.42 ng/ul

RT: 20.96 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

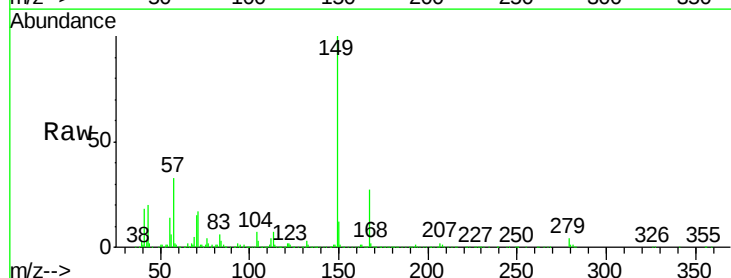
Tgt Ion:149 Resp: 403843

Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

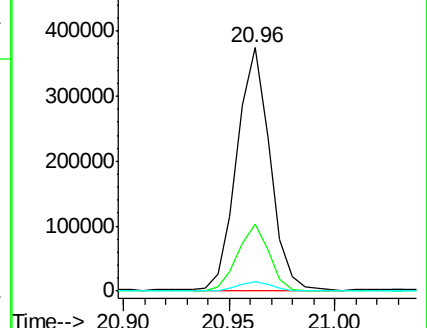
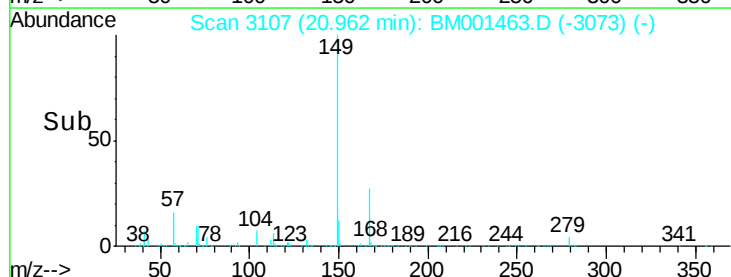
279 3.9 3.1 4.7

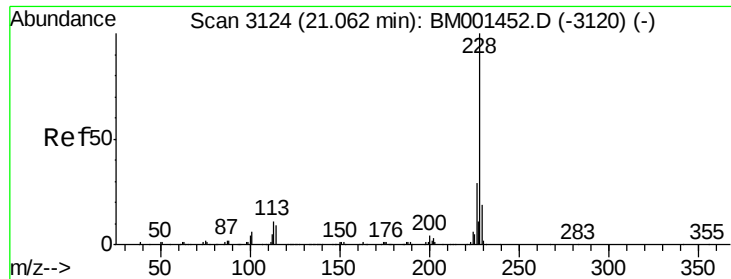


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 2.54 ng/ul

RT: 21.06 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

Instrument :

BNA_M

ClientSampled :

BCRC8

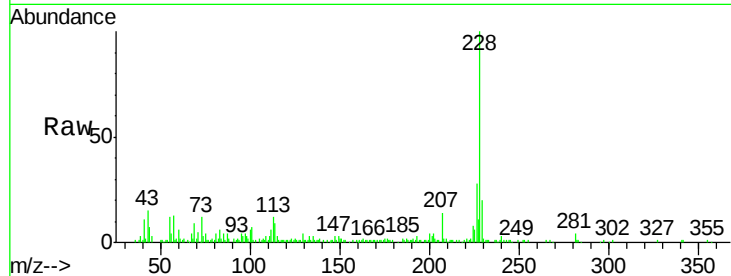
Tgt Ion:228 Resp: 98304

Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.4

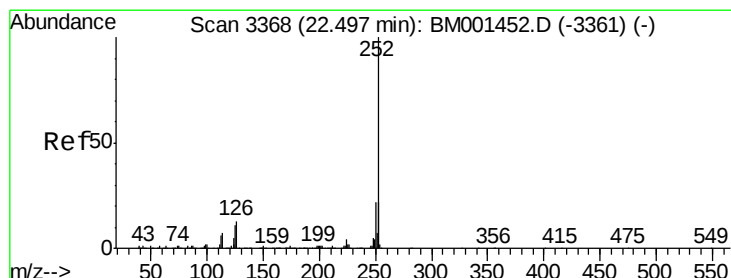
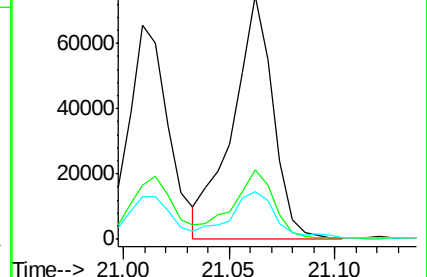
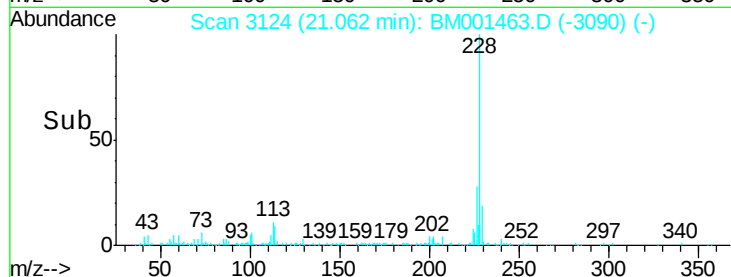
229 19.9 15.7 23.5



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: 3.27 ng/ul

RT: 22.50 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

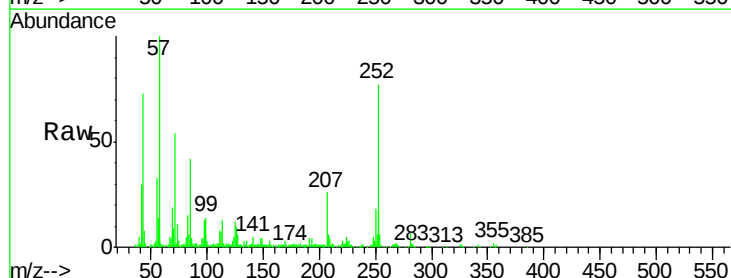
Tgt Ion:252 Resp: 128289

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

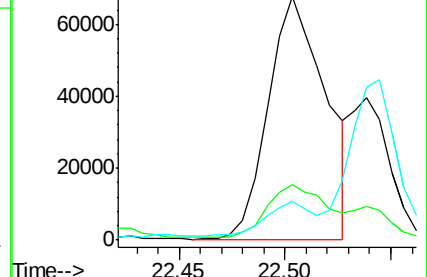
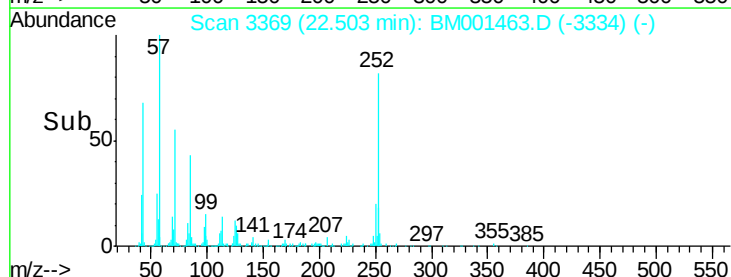
125 16.0 8.6 12.8#

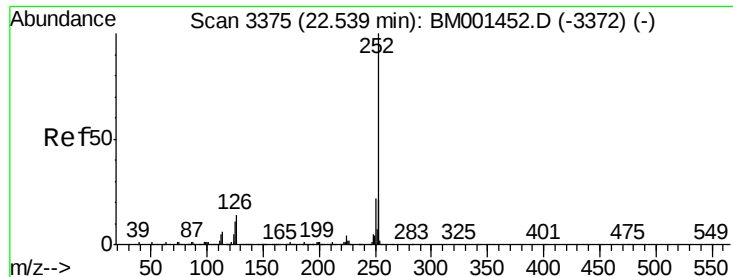


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.28 ng/ul

RT: 22.54 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

Instrument :

BNA_M

ClientSampleId :

BCRC8

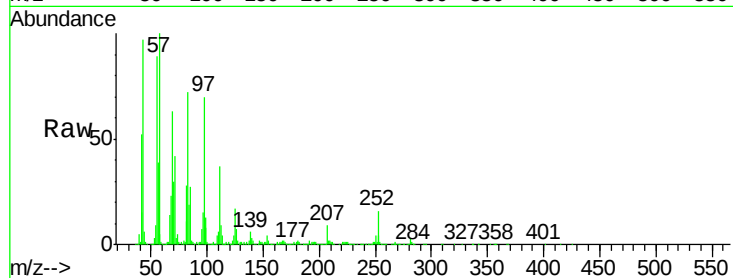
Tgt Ion:252 Resp: 48006

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

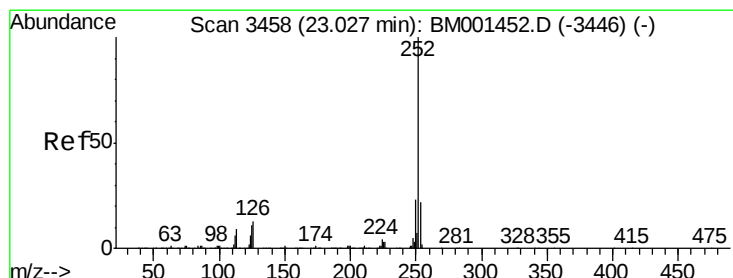
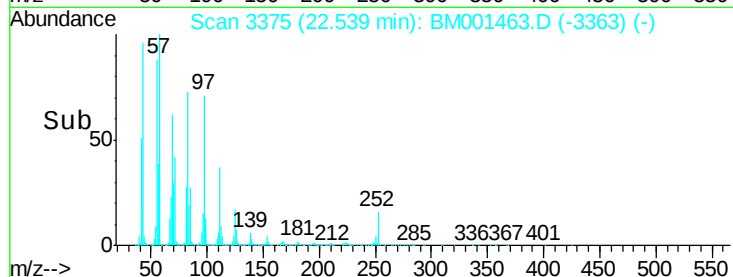
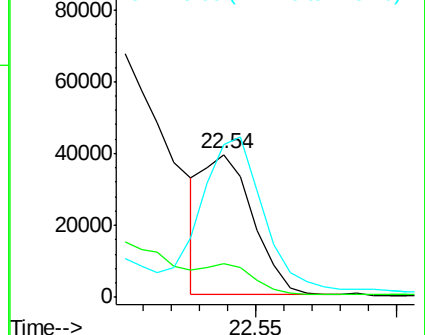
125 106.6 8.6 13.0#



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



#88

Benzo(a)pyrene

Concen: 2.43 ng/ul

RT: 23.03 min Scan# 3458

Delta R.T. 0.00 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

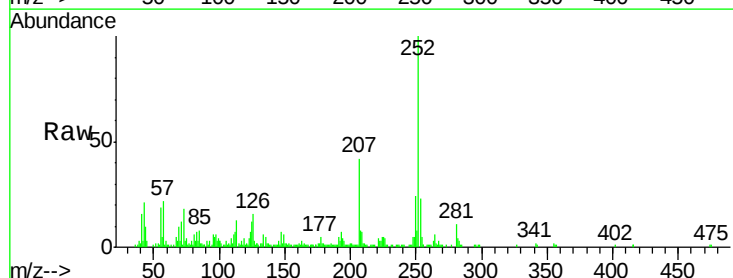
Tgt Ion:252 Resp: 89140

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

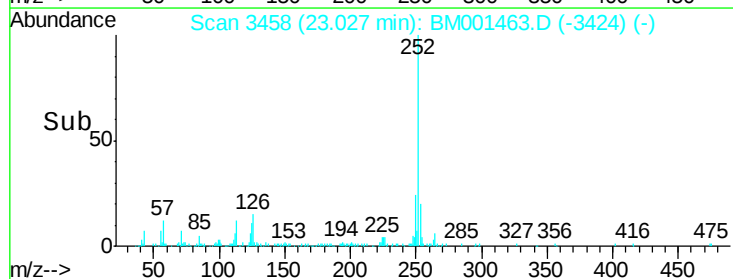
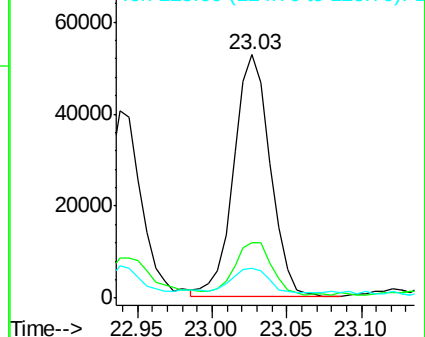
125 12.1 8.8 13.2

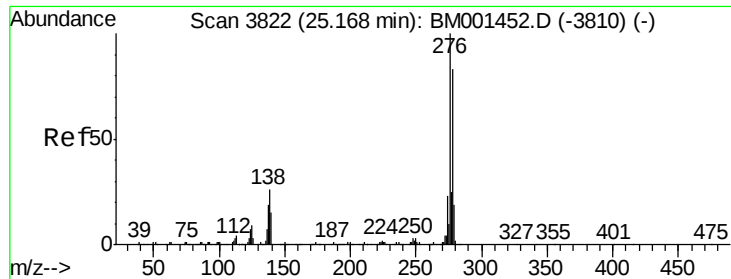


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.61 ng/ul

RT: 25.17 min Scan# 3822

Delta R.T. 0.00 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

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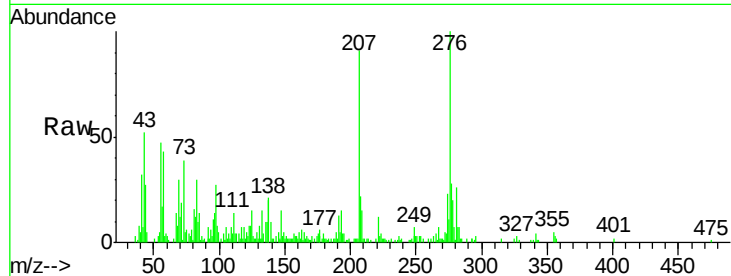
Tgt Ion:276 Resp: 62189

Ion Ratio Lower Upper

276 100

138 20.6 20.6 31.0#

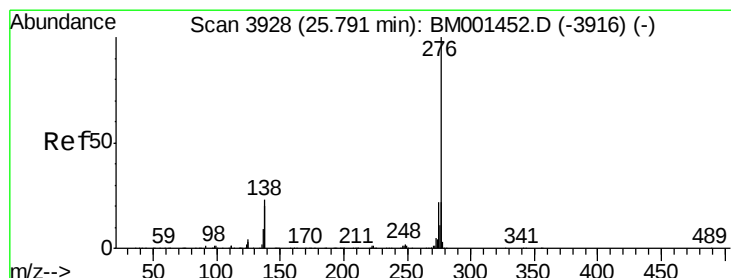
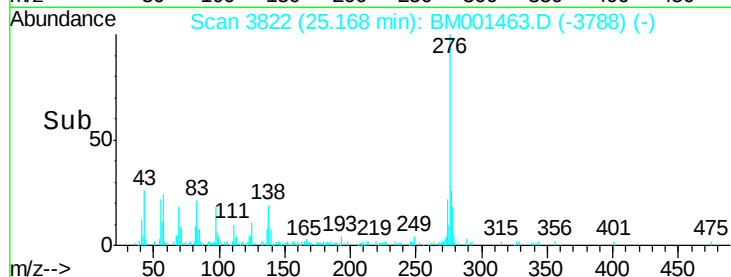
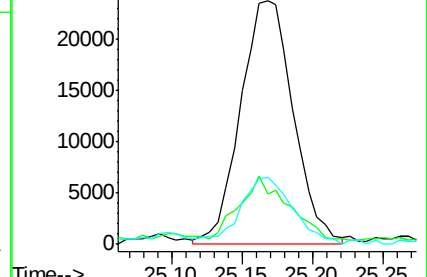
277 27.6 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.96 ng/ul

RT: 25.80 min Scan# 3929

Delta R.T. 0.01 min

Lab File: BM001463.D

Acq: 30 May 2015 02:57

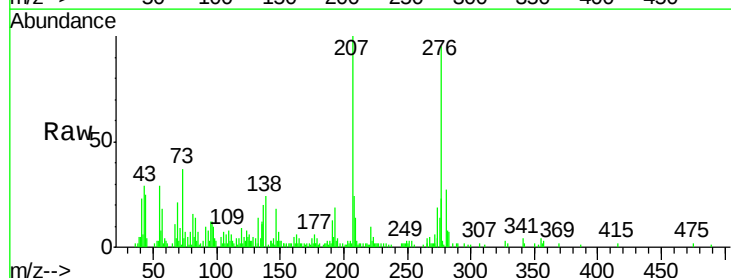
Tgt Ion:276 Resp: 62554

Ion Ratio Lower Upper

276 100

138 24.9 17.9 26.9

277 24.5 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

