

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002779.D
 Acq On : 30 Sep 2015 11:26
 Operator : UM/IZ
 Sample : G3838-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MW0

Quant Time: Sep 30 13:12:42 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 30 06:48:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	100674	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	414690	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.29	164	198613	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	394355	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	418442	20.00	ng/ul	0.00
86) Perylene-d12	24.68	264	424142	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	12312	5.68	ng/uL	0.00
5) Phenol-d5	7.81	99	239006	31.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	138894	32.37	ng/ul	0.00
9) 2-Chlorophenol-d4	8.21	132	222542	31.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.39	113	198373	31.54	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	104012	32.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	108849	32.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	177392	30.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.68	131	269853	38.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	492195	32.94	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	655143	32.85	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	80105	30.19	ng/ul	0.00
58) Fluorene-d10	16.27	176	424917	31.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	38275	19.90	ng/ul	0.00
71) Anthracene-d10	18.10	188	615034	32.68	ng/ul	0.00
79) Pyrene-d10	20.33	212	648657	33.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.51	264	732582	33.76	ng/ul	0.00

Target Compounds

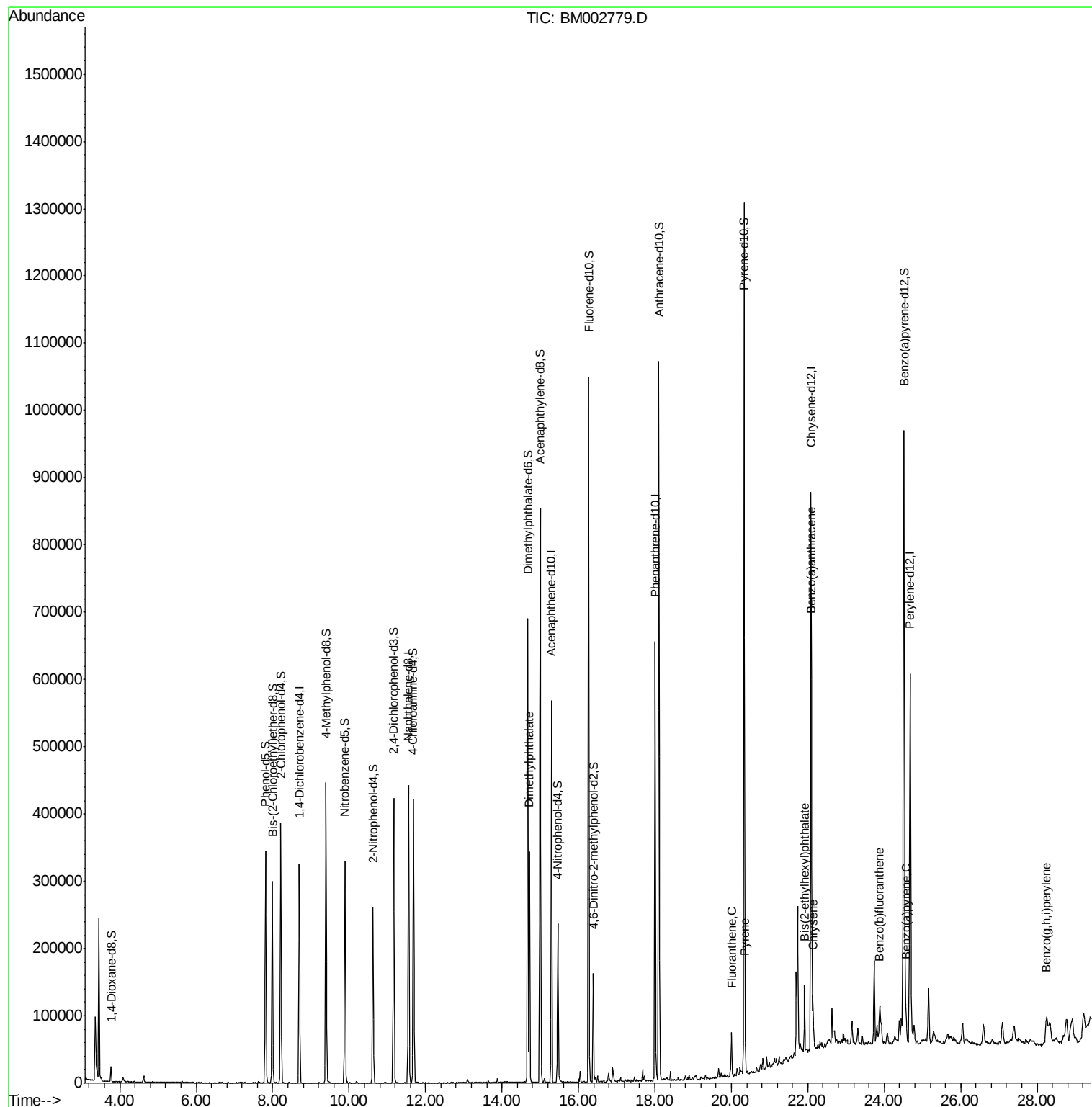
						Ovalue
45) Dimethylphthalate	14.72	163	242012	15.93	ng/ul	99
77) Fluoranthene	20.00	202	39136	1.66	ng/ul	98
80) Pyrene	20.36	202	38408	1.45	ng/ul	100
83) Benzo(a)anthracene	22.07	228	35160	1.41	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.91	149	35976	2.00	ng/ul	100
85) Chrysene	22.13	228	42190	1.80	ng/ul	94
88) Benzo(b)fluoranthene	23.88	252	51620	2.03	ng/ul	98
91) Benzo(a)pyrene	24.56	252	41390	1.69	ng/ul	97
94) Benzo(a,h,i)perylene	28.24	276	31322	1.30	ng/ul#	93

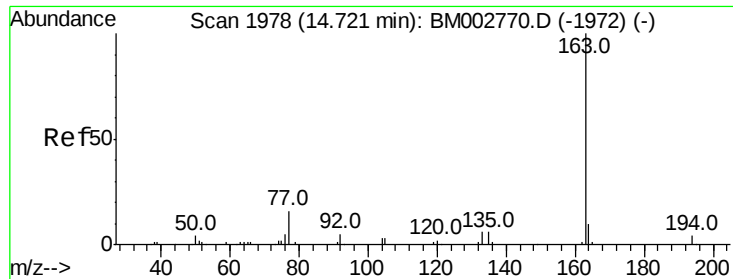
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 15.93 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM002779.D

Acq: 30 Sep 2015 11:26

Instrument :

BNA_M

ClientSampled :

E5MW0

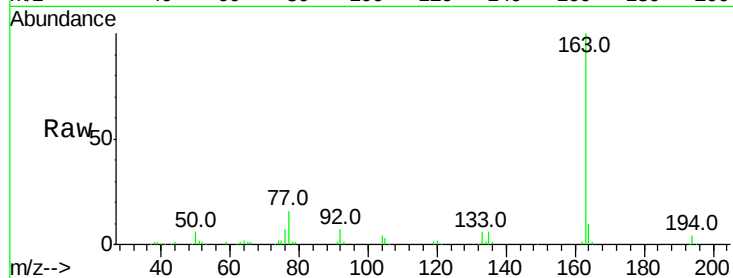
Tot Ion:163 Resp: 242012

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

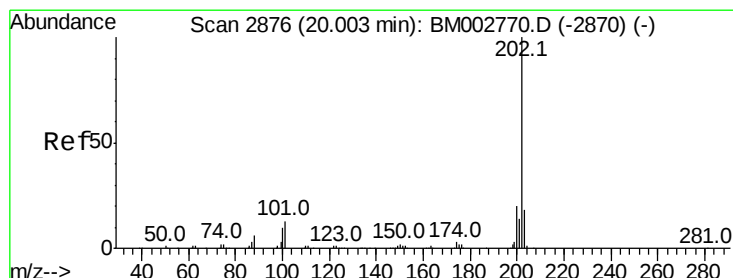
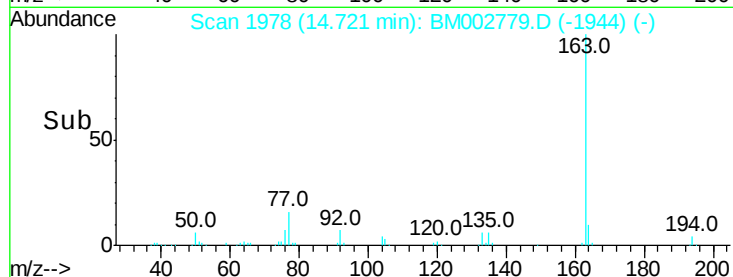
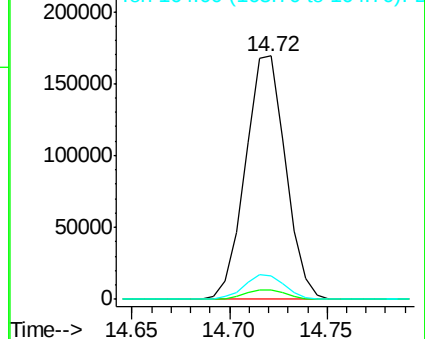
164 9.7 8.1 12.1



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: 1.66 ng/ul

RT: 20.00 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BM002779.D

Acq: 30 Sep 2015 11:26

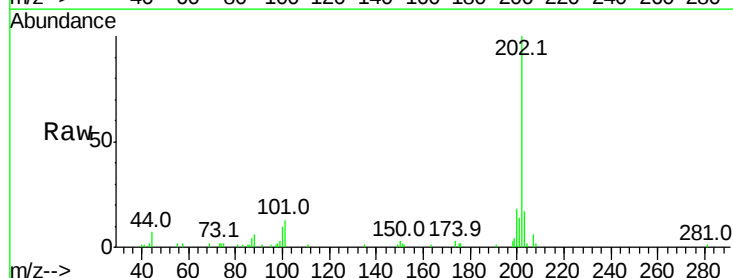
Tgt Ion:202 Resp: 39136

Ion Ratio Lower Upper

202 100

101 13.0 11.0 16.4

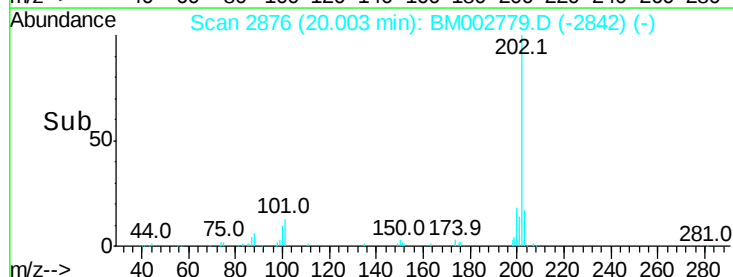
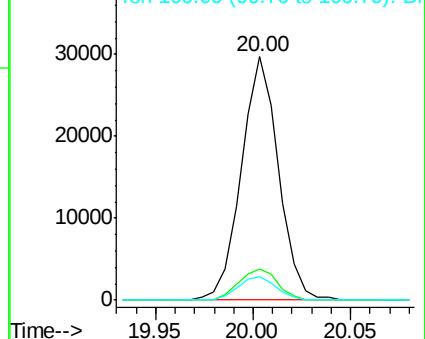
100 9.7 8.3 12.5

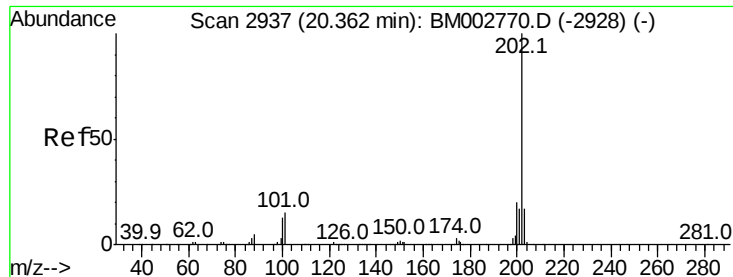


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 1.45 ng/ul

RT: 20.36 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BM002779.D

Acq: 30 Sep 2015 11:26

Instrument :

BNA_M

ClientSampleId :

E5MW0

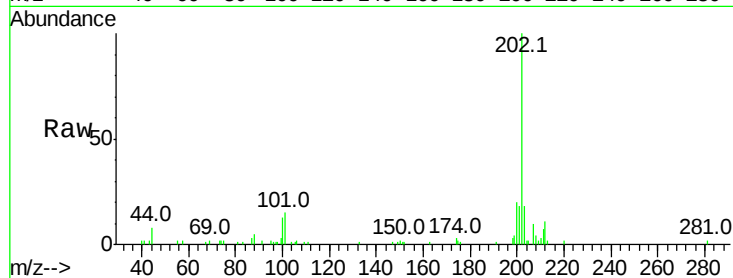
Tot Ion:202 Resp: 38408

Ion Ratio Lower Upper

202 100

101 15.2 12.1 18.1

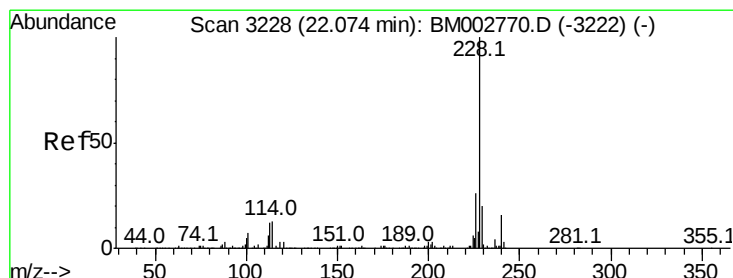
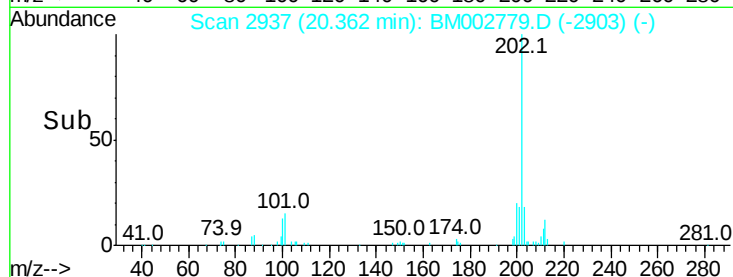
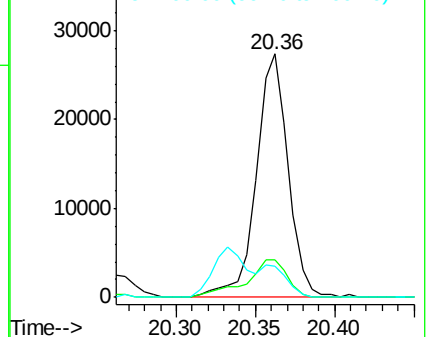
100 12.9 10.2 15.4



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): E



#83

Benzo(a)anthracene

Concen: 1.41 ng/ul

RT: 22.07 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BM002779.D

Acq: 30 Sep 2015 11:26

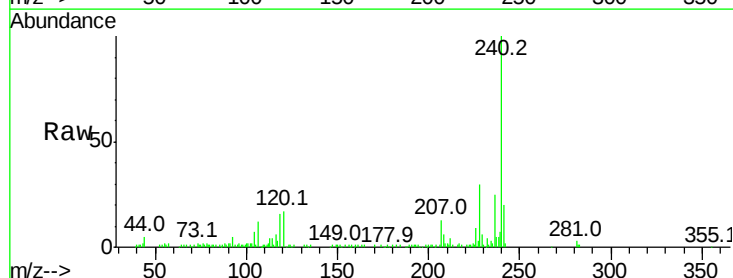
Tgt Ion:228 Resp: 35160

Ion Ratio Lower Upper

228 100

229 21.5 16.1 24.1

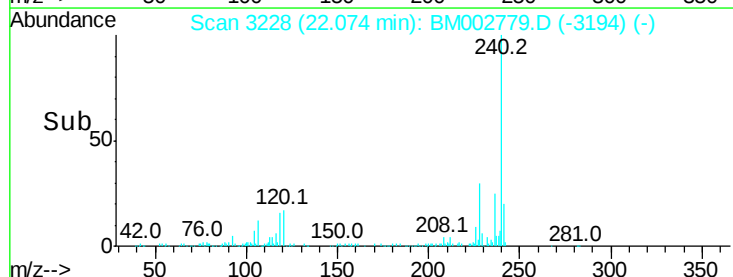
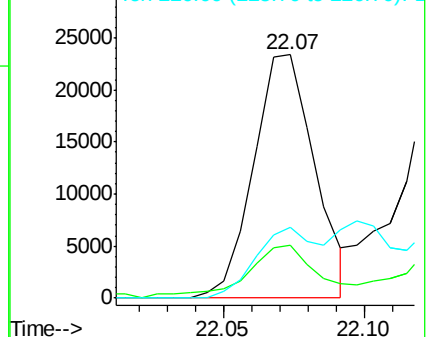
226 28.9 20.9 31.3

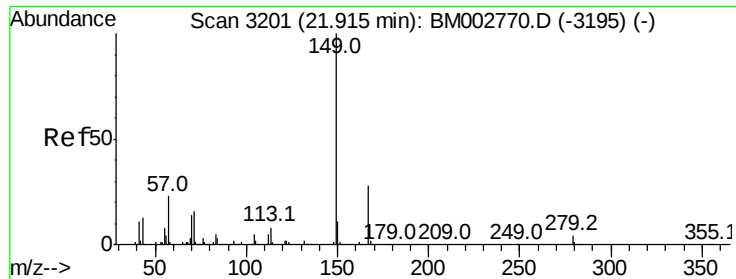


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

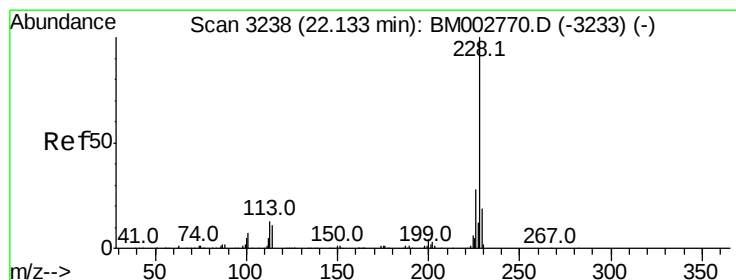
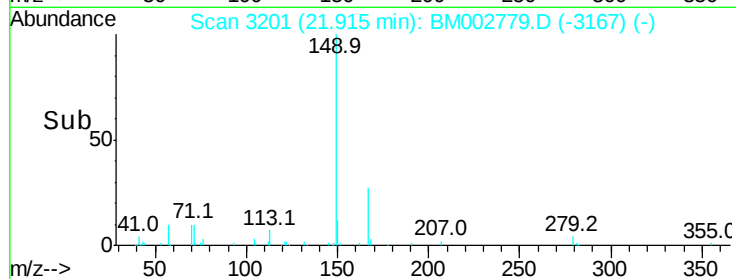
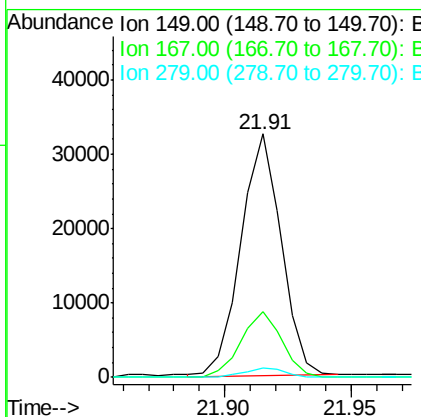
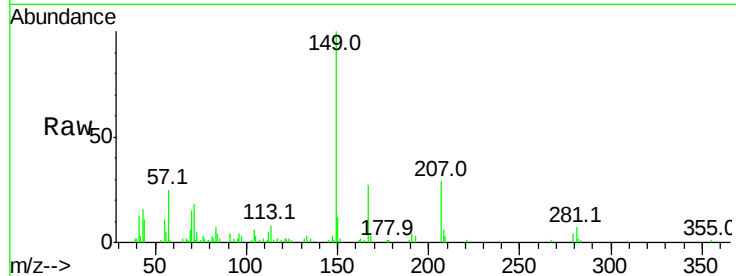




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.00 ng/ul
 RT: 21.91 min Scan# 3201
 Delta R.T. -0.00 min
 Lab File: BM002779.D
 Acq: 30 Sep 2015 11:26

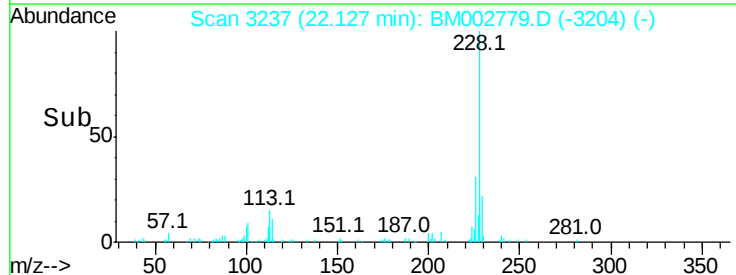
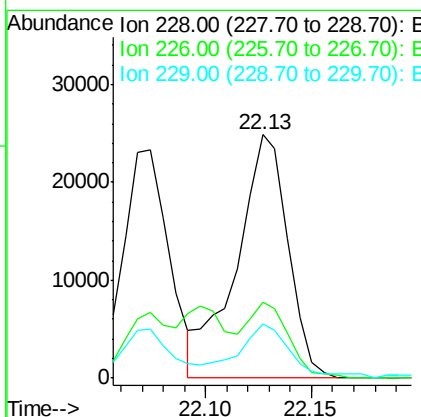
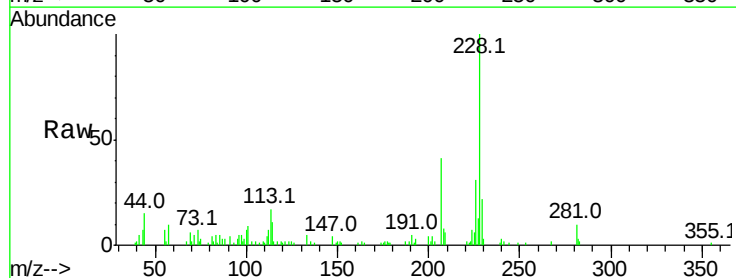
Instrument :
 BNA_M
 ClientSampleId :
 E5MW0

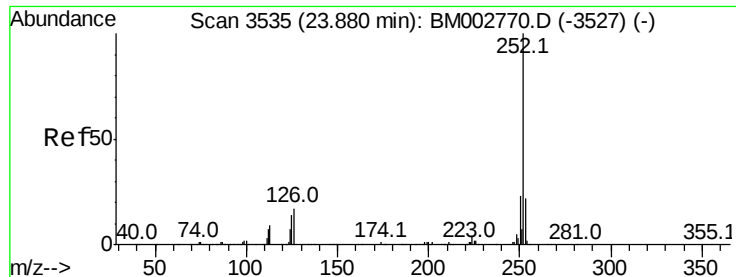
Tot Ion:149 Resp: 35976
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.7 32.5
 279 4.1 3.0 4.6



#85
 Chrysene
 Concen: 1.80 ng/ul
 RT: 22.13 min Scan# 3237
 Delta R.T. -0.01 min
 Lab File: BM002779.D
 Acq: 30 Sep 2015 11:26

Tgt Ion:228 Resp: 42190
 Ion Ratio Lower Upper
 228 100
 226 31.2 22.4 33.6
 229 22.5 15.4 23.2





#88

Benzo(b)fluoranthene

Concen: 2.03 ng/ul

RT: 23.88 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BM002779.D

Acq: 30 Sep 2015 11:26

Instrument :

BNA_M

ClientSampleId :

E5MW0

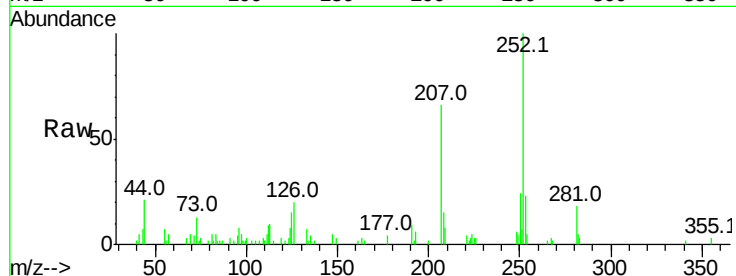
Tot Ion:252 Resp: 51620

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

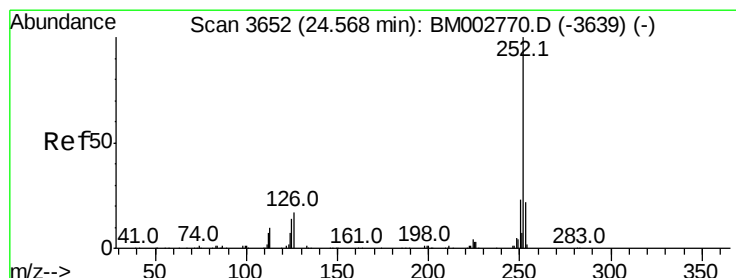
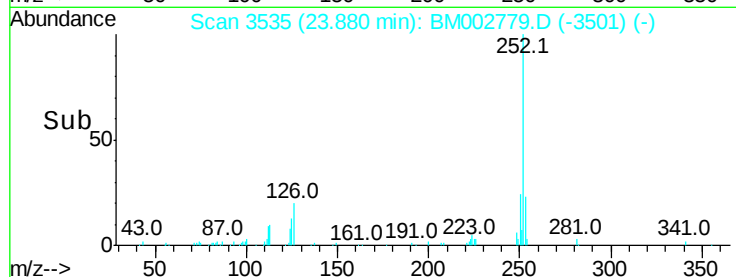
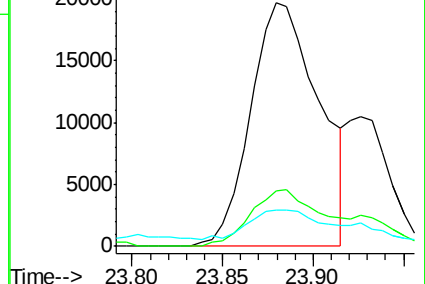
125 15.0 10.6 15.8



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



#91

Benzo(a)pyrene

Concen: 1.69 ng/ul

RT: 24.56 min Scan# 3651

Delta R.T. -0.01 min

Lab File: BM002779.D

Acq: 30 Sep 2015 11:26

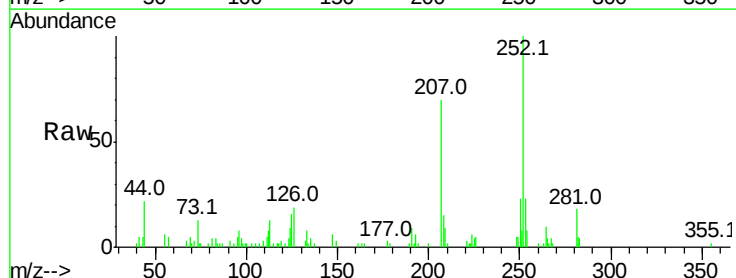
Tgt Ion:252 Resp: 41390

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

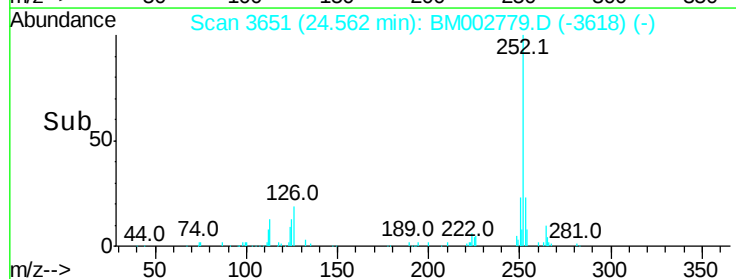
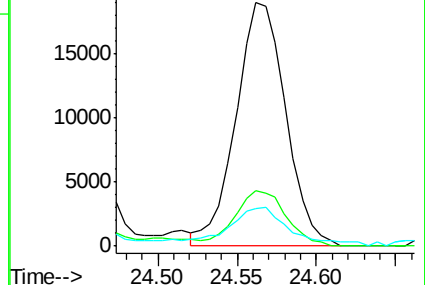
125 15.6 11.4 17.2

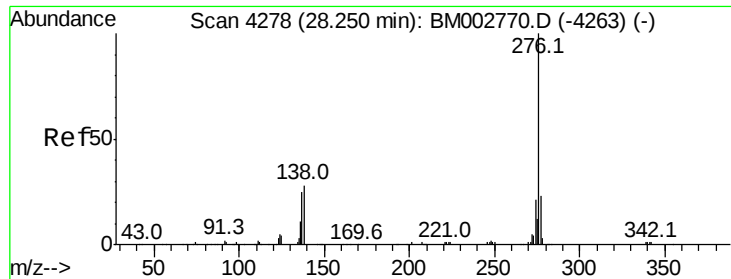


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.30 ng/ul

RT: 28.24 min Scan# 4276

Delta R.T. -0.01 min

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Acq: 30 Sep 2015 11:26

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ClientSampleId :

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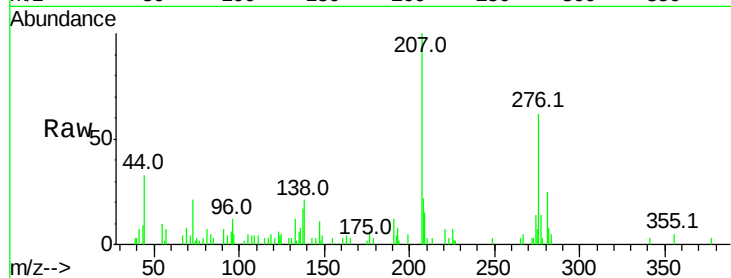
Tot Ion:276 Resp: 31322

Ion Ratio Lower Upper

276 100

138 33.5 21.8 32.8#

277 22.7 18.9 28.3



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

