

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

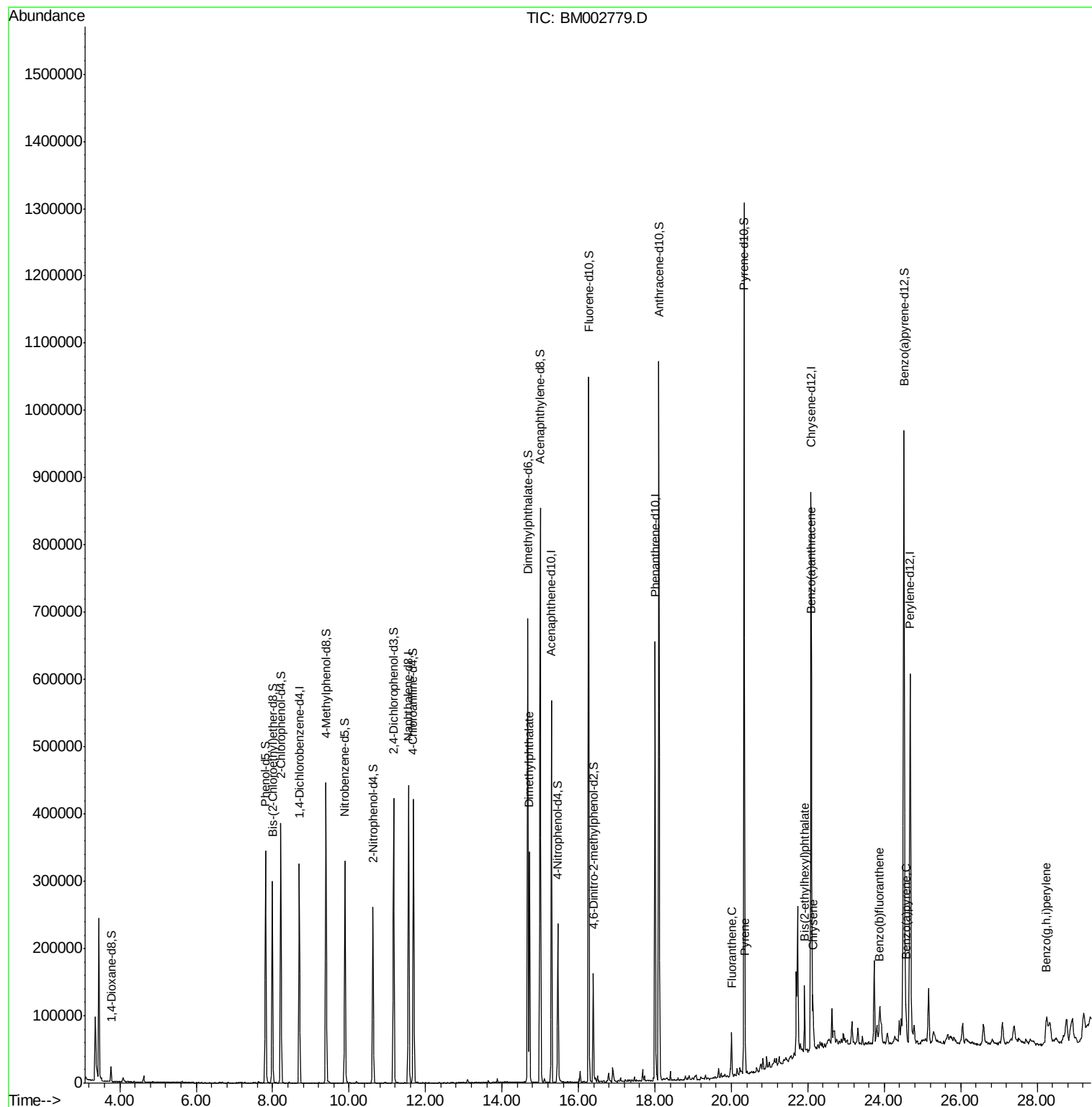
						Qvalue
45) Dimethylphthalate	14.72	163	242012	15.93	ng/ul	99
77) Fluoranthene	20.00	202	39136	1.66	ng/ul	98
80) Pyrene	20.36	202	38408	1.45	ng/ul	100
83) Benzo(a)anthracene	22.07	228	35160	1.41	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.91	149	35976	2.00	ng/ul	100
85) Chrysene	22.13	228	42190	1.80	ng/ul	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(g,h,i)perylene	28.24	276	31322	1.30	ng/ul#	93

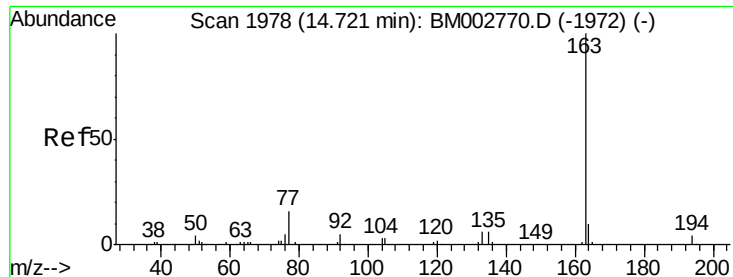
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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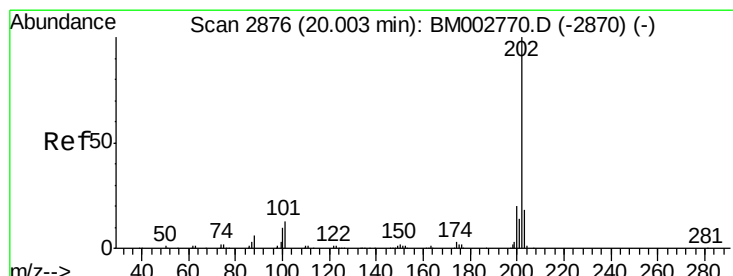
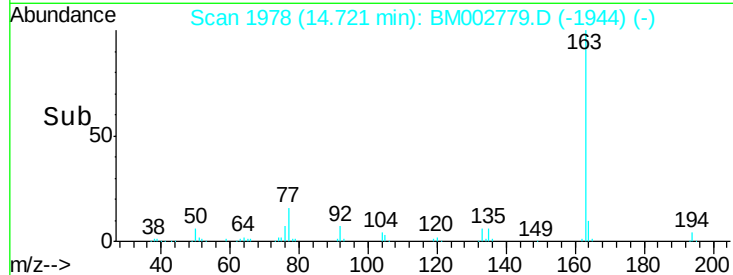
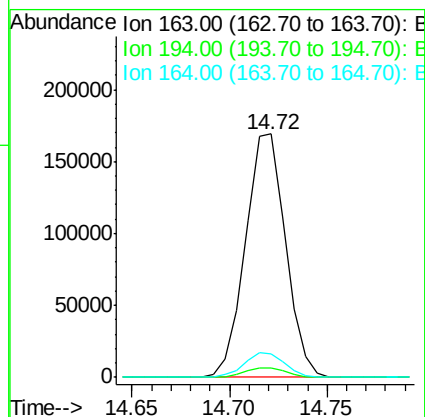
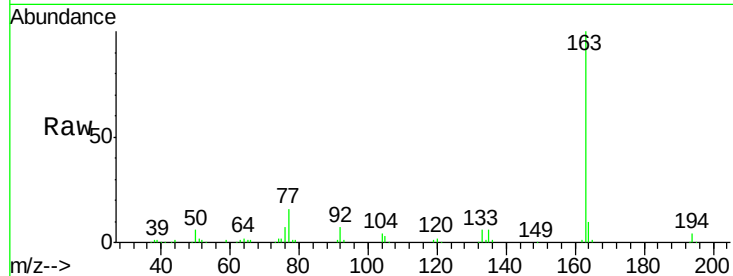




#45
Dimethylphthalate
Concen: 15.93 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM002779.D
Acq: 30 Sep 2015 11:26

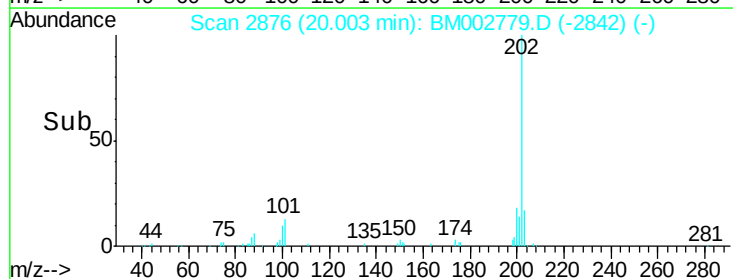
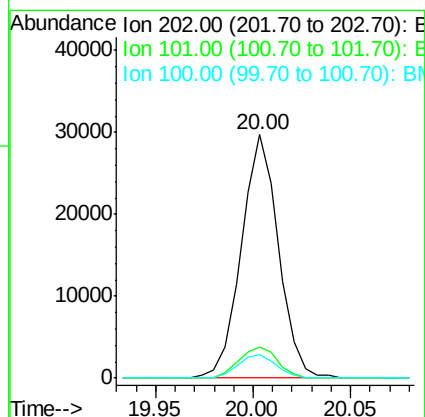
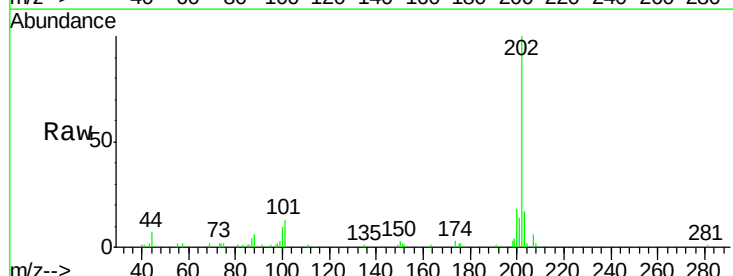
Instrument :
BNA_M
ClientSampled :
E5MW0

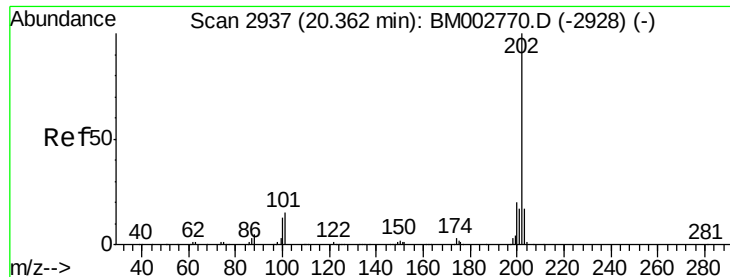
Tgt Ion:163 Resp: 242012
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.7 8.1 12.1



#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

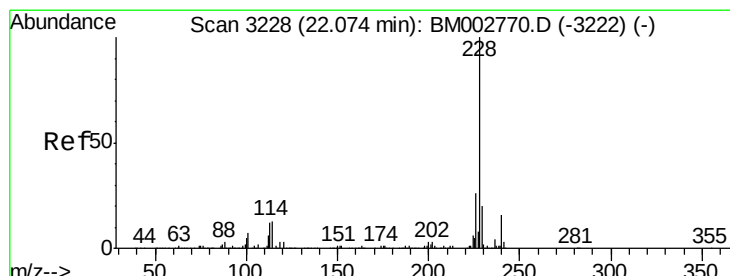
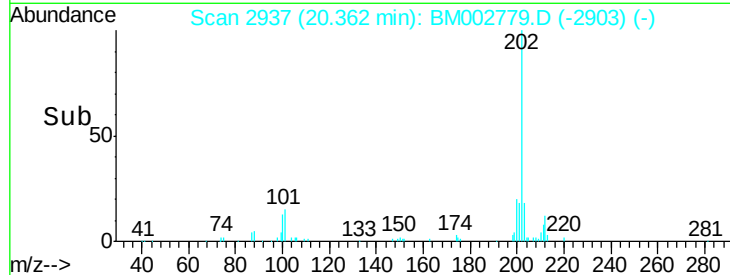
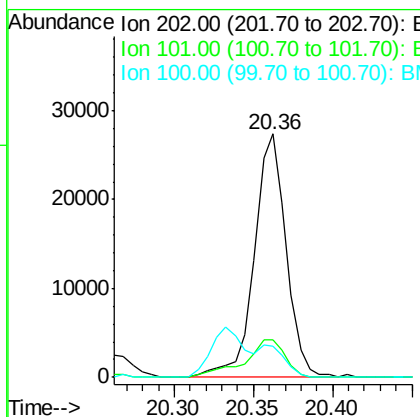
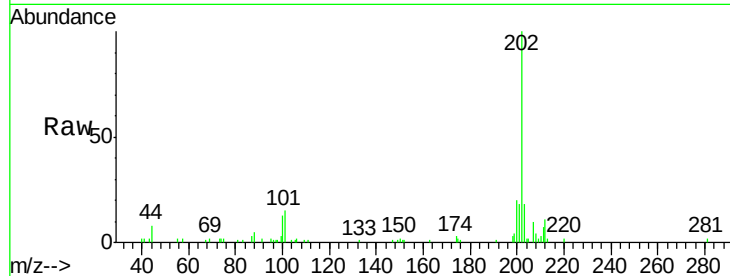




#80
 Pyrene
 Concen: 1.45 ng/ul
 RT: 20.36 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: BM002779.D
 Acq: 30 Sep 2015 11:26

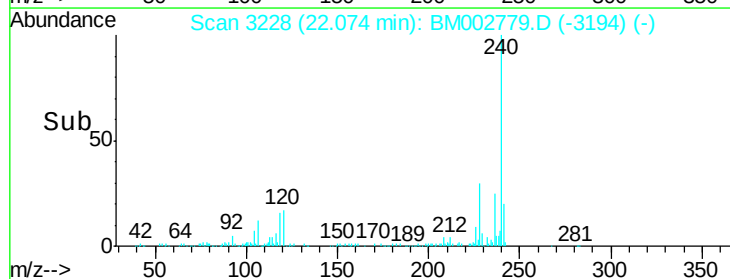
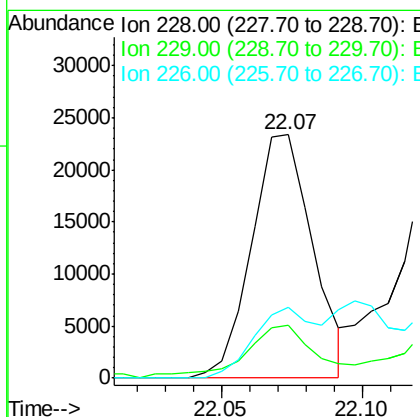
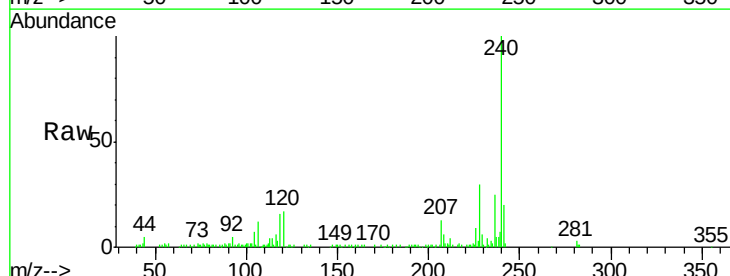
Instrument :
 BNA_M
 ClientSampleId :
 E5MW0

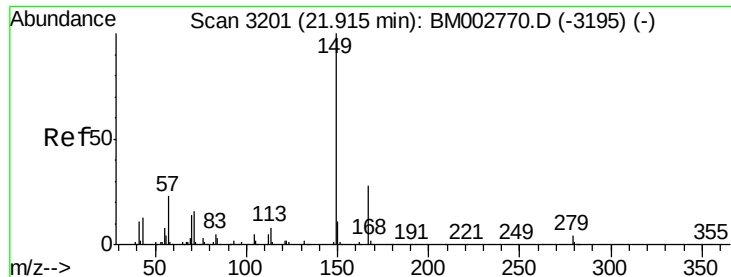
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.1	18.1
100	12.9	10.2	15.4



#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	Ratio	Lower	Upper
228	100		
229	21.5	16.1	24.1
226	28.9	20.9	31.3

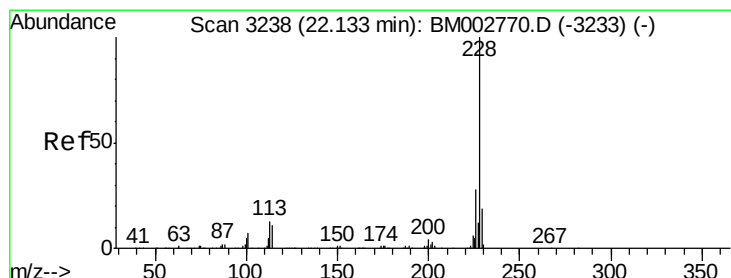
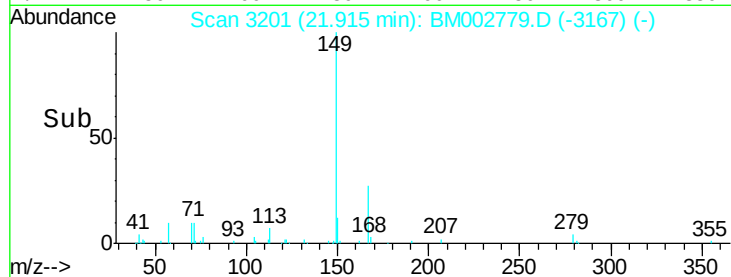
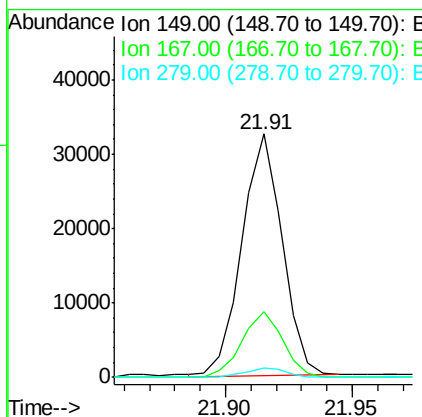
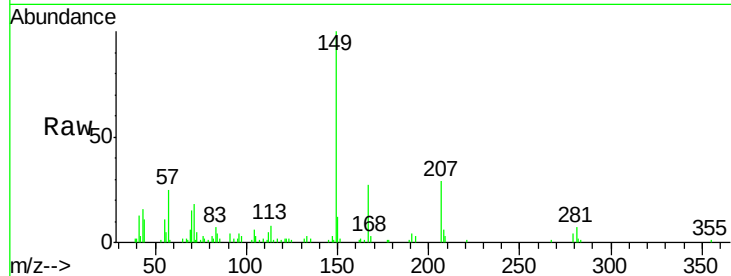




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.00 ng/ul
 RT: 21.91 min Scan# 3201
 Delta R.T. -0.00 min
 Lab File: BM002779.D
 Acq: 30 Sep 2015 11:26

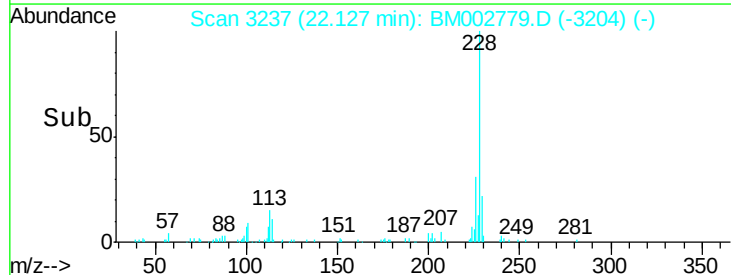
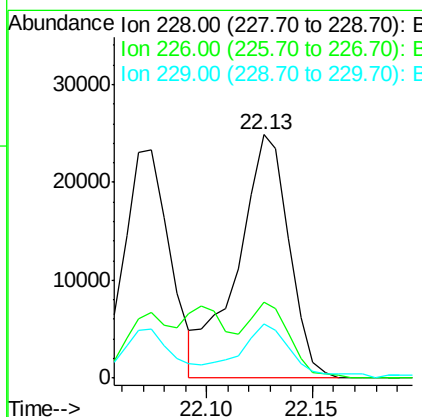
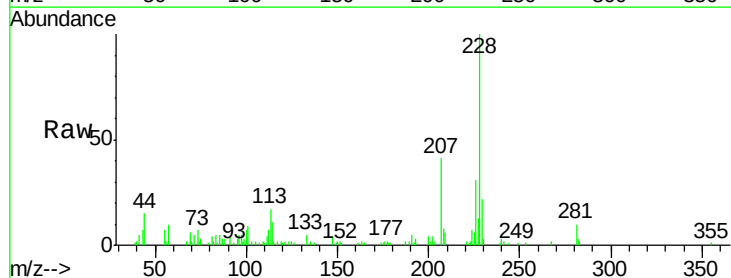
Instrument :
 BNA_M
 ClientSampleId :
 E5MW0

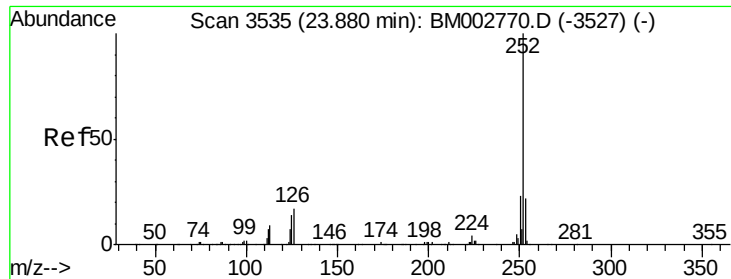
Tgt Ion:149 Resp: 35976
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.7 32.5
 279 4.1 3.0 4.6



#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

ClientSampled :

E5MW0

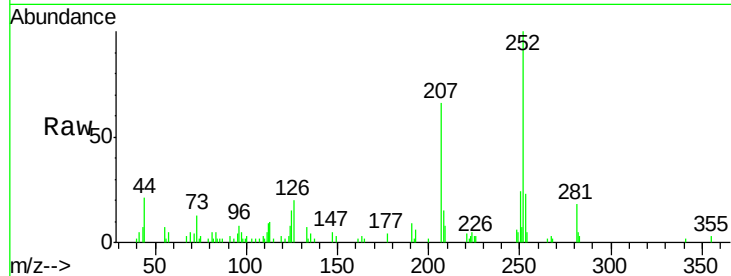
Tgt Ion:252 Resp: 51620

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

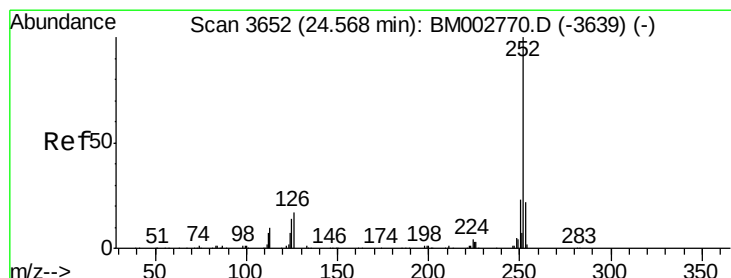
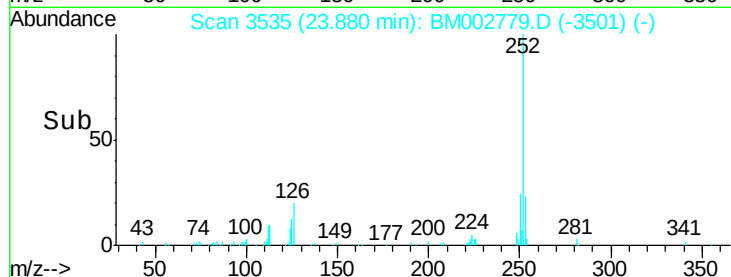
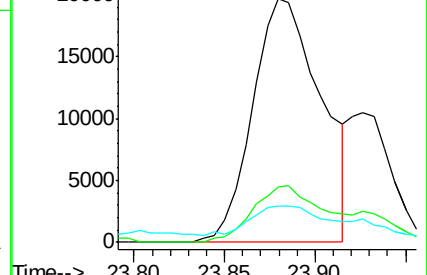
125 15.0 10.6 15.8



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

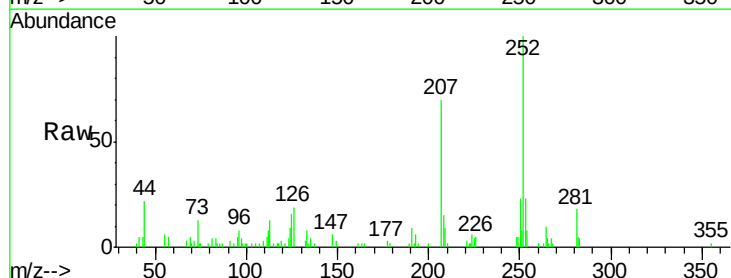
Tgt Ion:252 Resp: 41390

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

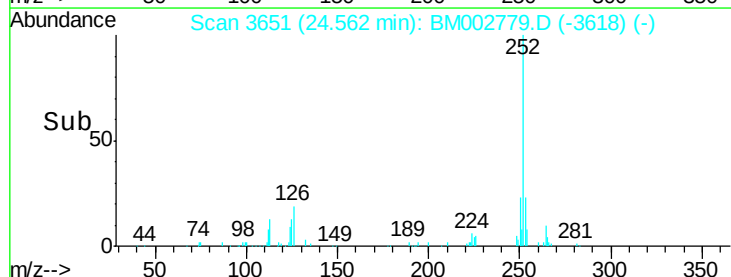
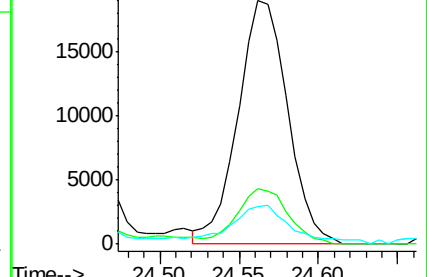
125 15.6 11.4 17.2

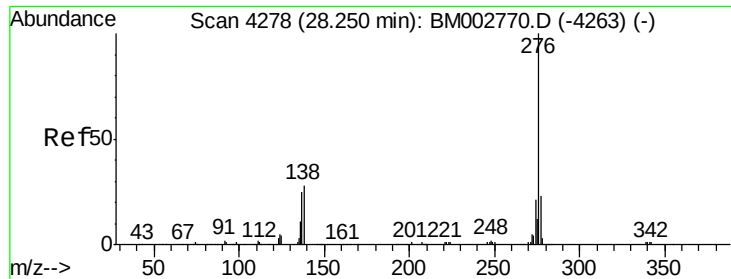


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#94

Benzo(g,h,i)perylene

Concen: 1.30 ng/ul

RT: 28.24 min Scan# 4276

Delta R.T. -0.01 min

Lab File: BM002779.D

Acq: 30 Sep 2015 11:26

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ClientSampleId :

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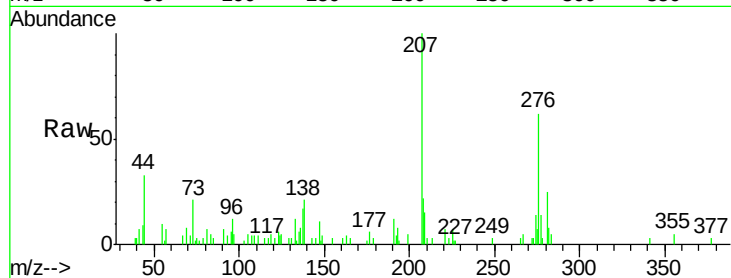
Tgt Ion:276 Resp: 31322

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

