

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002777.D
 Acq On : 30 Sep 2015 10:13
 Operator : UM/IZ
 Sample : G3838-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MW4

Quant Time: Sep 30 12:18:36 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	103231	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	423782	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.29	164	209036	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	417959	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	439364	20.00	ng/ul	0.00
86) Perylene-d12	24.68	264	450504	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	11465	5.16	ng/uL	0.00
5) Phenol-d5	7.82	99	218278	27.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	125470	28.52	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	204612	28.10	ng/ul	0.00
13) 4-Methylphenol-d8	9.39	113	181224	28.10	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	94867	29.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	99617	29.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	162936	27.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.68	131	245011	34.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	467261	29.71	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	621392	29.61	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	72699	26.03	ng/ul	0.00
58) Fluorene-d10	16.27	176	407451	28.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	33088	16.23	ng/ul	0.00
71) Anthracene-d10	18.10	188	582405	29.20	ng/ul	0.00
79) Pyrene-d10	20.33	212	606842	29.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.52	264	692400	30.04	ng/ul	0.00

Target Compounds

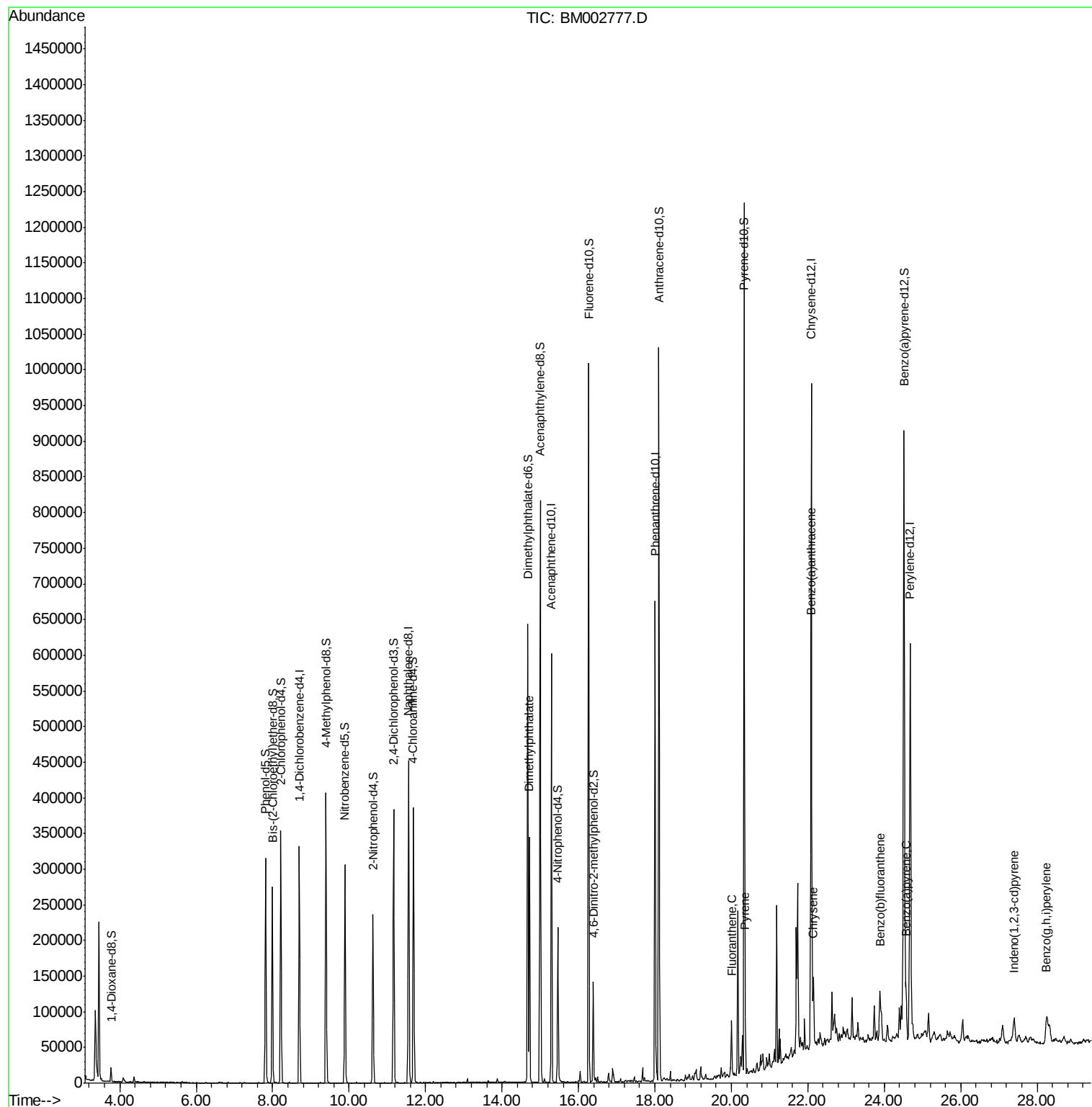
						Ovalue
45) Dimethylphthalate	14.72	163	248193	15.52	ng/ul	99
77) Fluoranthene	20.00	202	50541	2.02	ng/ul	100
80) Pyrene	20.36	202	62624	2.24	ng/ul	99
83) Benzo(a)anthracene	22.07	228	48692	1.86	ng/ul	97
85) Chrysene	22.13	228	49558	2.01	ng/ul	94
88) Benzo(b)fluoranthene	23.89	252	75110	2.78	ng/ul	98
91) Benzo(a)pyrene	24.57	252	59620	2.29	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.40	276	36629	1.21	ng/ul	93
94) Benzo(a,h,i)perylene	28.24	276	37544	1.47	ng/ul	96

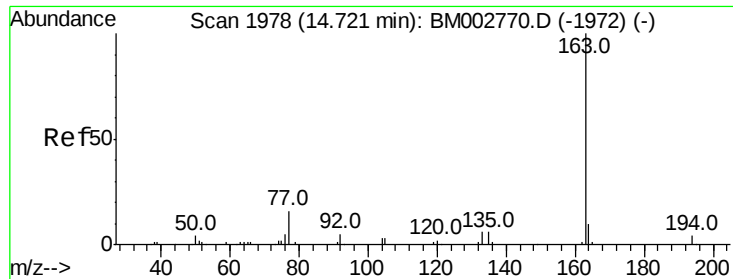
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 15.52 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM002777.D

Acq: 30 Sep 2015 10:13

Instrument :

BNA_M

ClientSampleId :

E5MW4

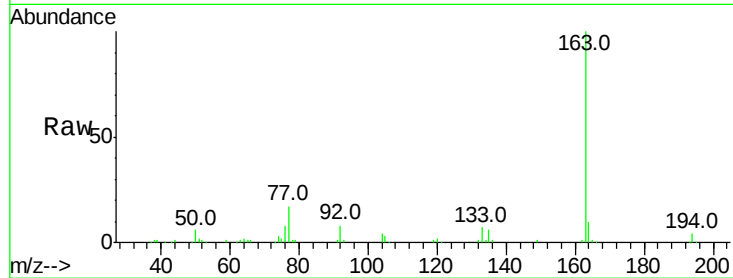
Tot Ion:163 Resp: 248193

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

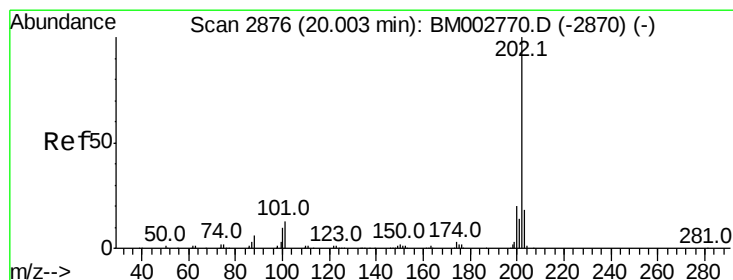
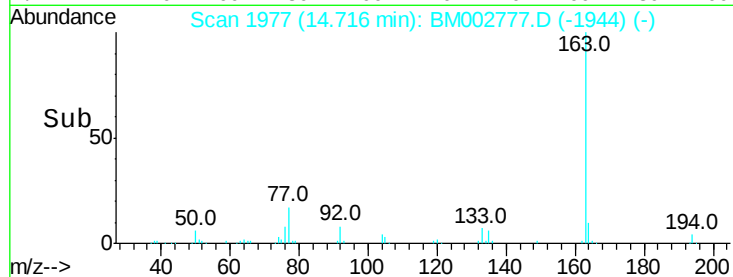
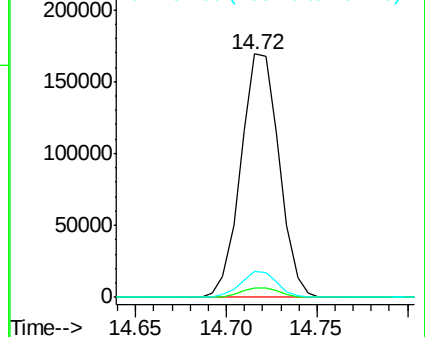
164 10.4 8.1 12.1



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: 2.02 ng/ul

RT: 20.00 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BM002777.D

Acq: 30 Sep 2015 10:13

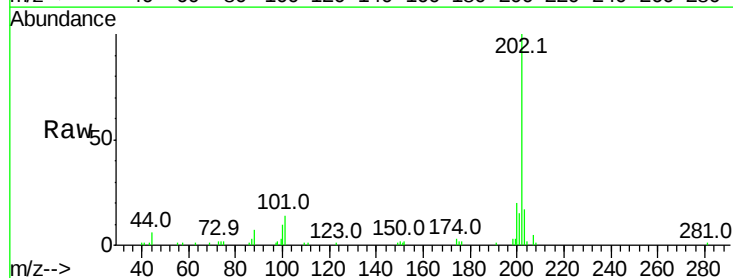
Tgt Ion:202 Resp: 50541

Ion Ratio Lower Upper

202 100

101 13.6 11.0 16.4

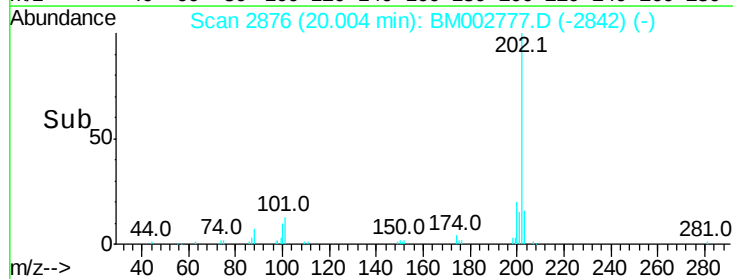
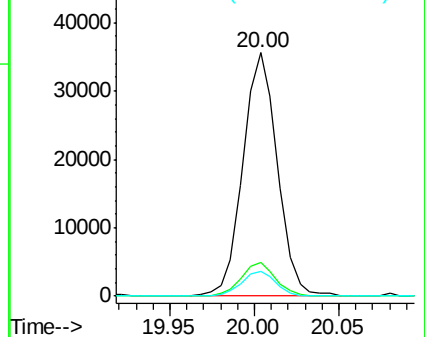
100 10.1 8.3 12.5

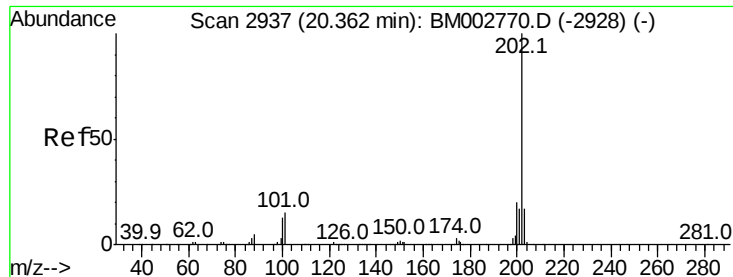


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 2.24 ng/ul

RT: 20.36 min Scan# 2937

Delta R.T. 0.00 min

Lab File: BM002777.D

Acq: 30 Sep 2015 10:13

Instrument :

BNA_M

ClientSampleId :

E5MW4

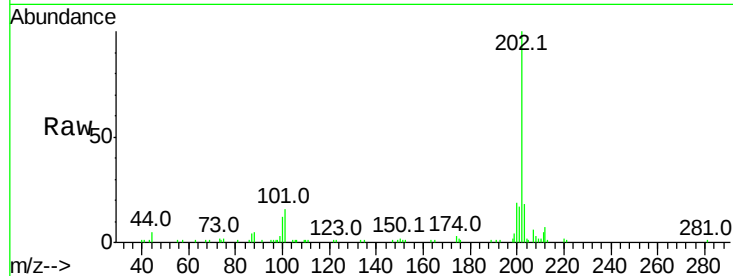
Tot Ion:202 Resp: 62624

Ion Ratio Lower Upper

202 100

101 15.7 12.1 18.1

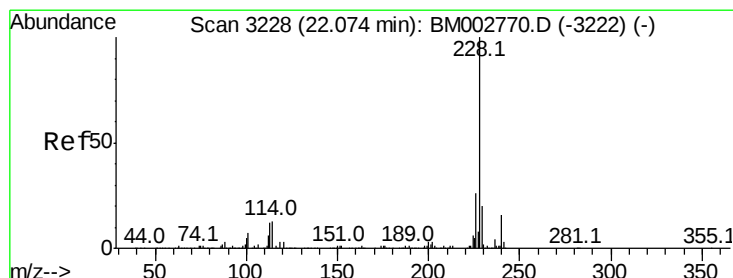
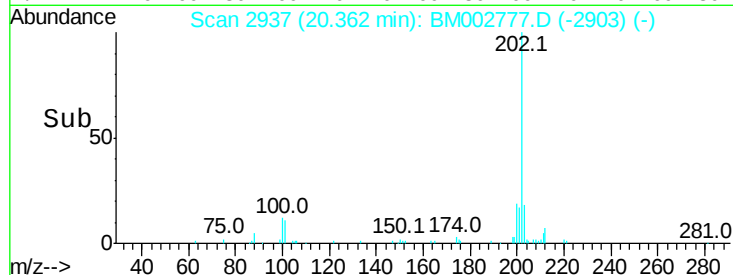
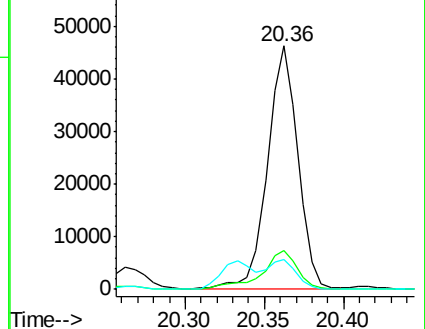
100 12.5 10.2 15.4



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): B



#83

Benzo(a)anthracene

Concen: 1.86 ng/ul

RT: 22.07 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BM002777.D

Acq: 30 Sep 2015 10:13

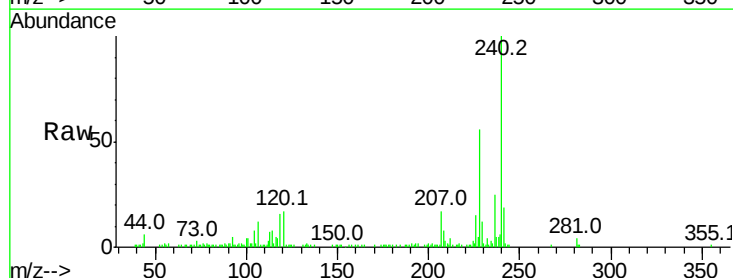
Tgt Ion:228 Resp: 48692

Ion Ratio Lower Upper

228 100

229 20.9 16.1 24.1

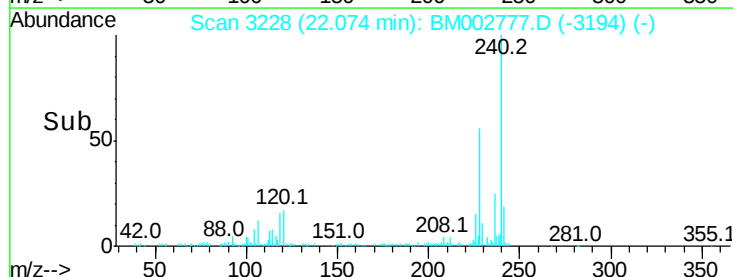
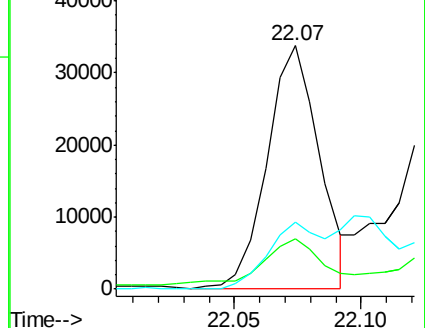
226 27.7 20.9 31.3

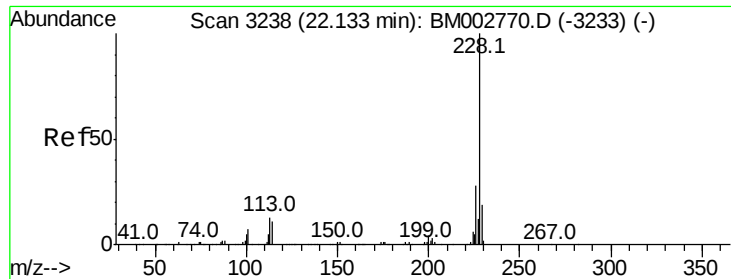


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

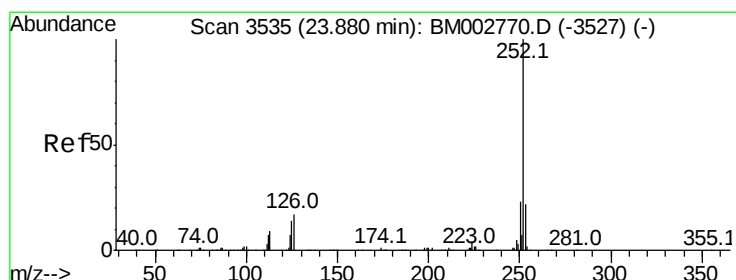
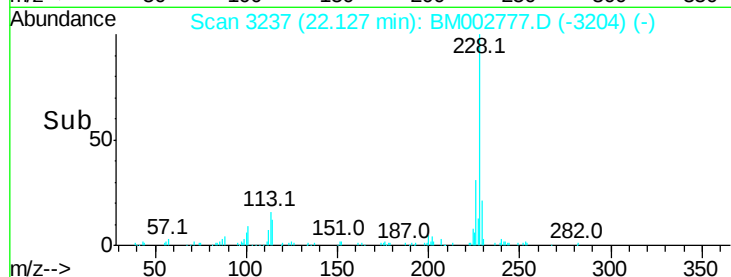
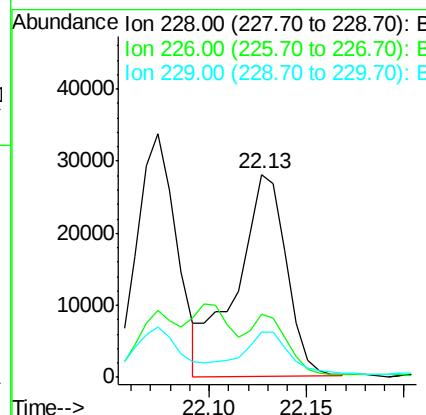
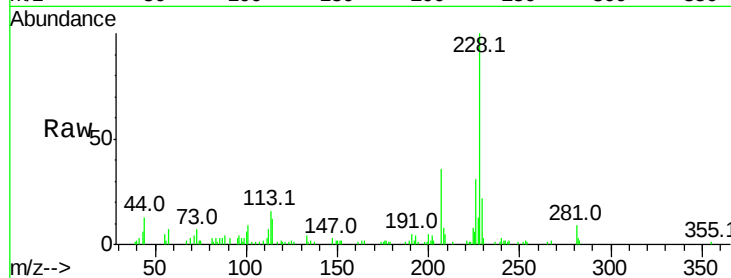




#85
Chrysene
Concen: 2.01 ng/ul
RT: 22.13 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BM002777.D
Acq: 30 Sep 2015 10:13

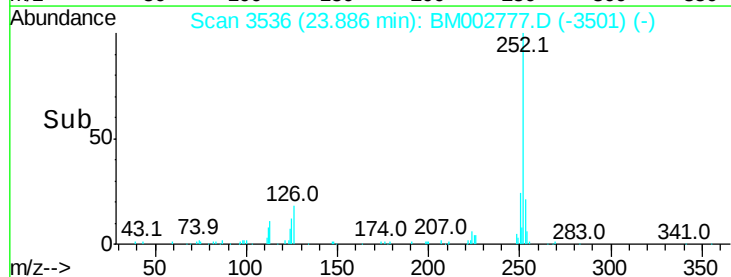
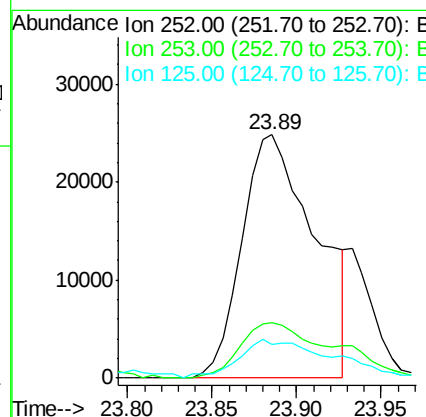
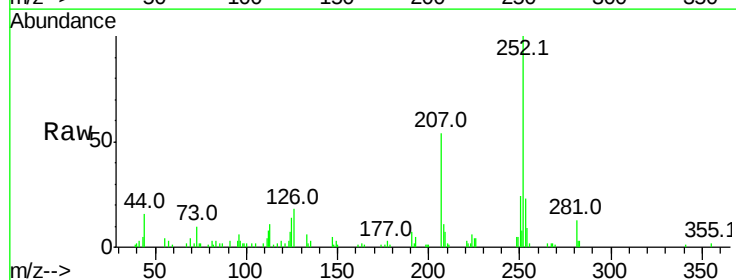
Instrument :
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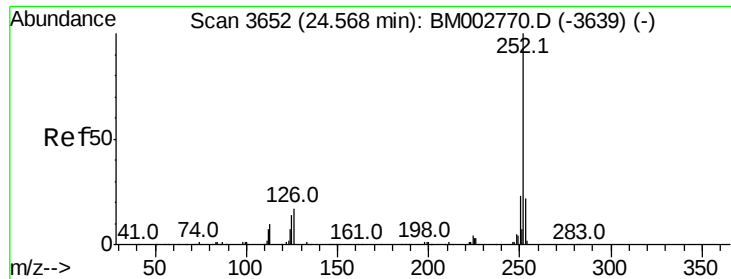
Tot Ion:228 Resp: 49558
Ion Ratio Lower Upper
228 100
226 30.8 22.4 33.6
229 22.2 15.4 23.2



#88
Benzo(b)fluoranthene
Concen: 2.78 ng/ul
RT: 23.89 min Scan# 3536
Delta R.T. 0.01 min
Lab File: BM002777.D
Acq: 30 Sep 2015 10:13

Tgt Ion:252 Resp: 75110
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 13.8 10.6 15.8





#91

Benzo(a)pyrene

Concen: 2.29 ng/ul

RT: 24.57 min Scan# 3652

Delta R.T. 0.00 min

Lab File: BM002777.D

Acq: 30 Sep 2015 10:13

Instrument :

BNA_M

ClientSampleId :

E5MW4

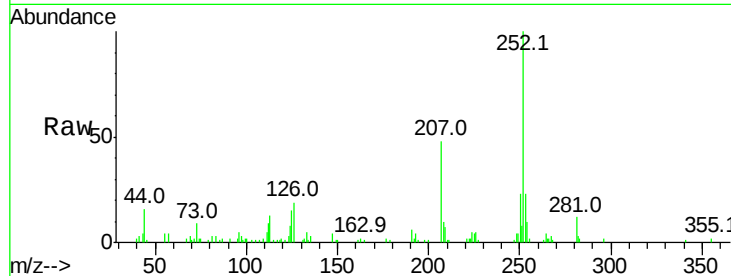
Tot Ion:252 Resp: 59620

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

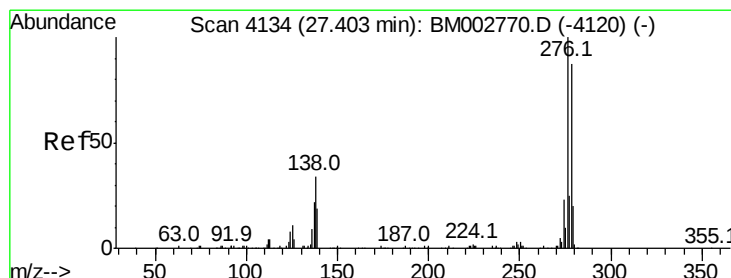
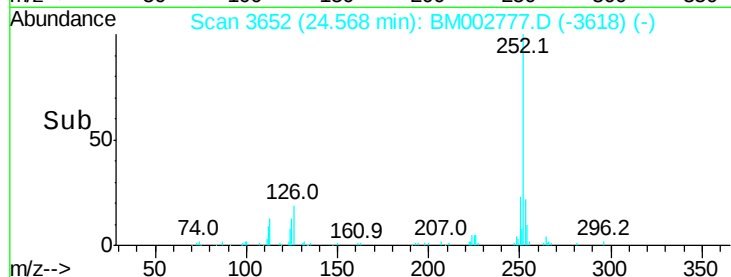
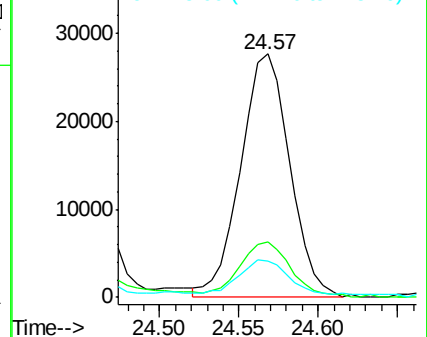
125 14.8 11.4 17.2



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.21 ng/ul

RT: 27.40 min Scan# 4133

Delta R.T. -0.01 min

Lab File: BM002777.D

Acq: 30 Sep 2015 10:13

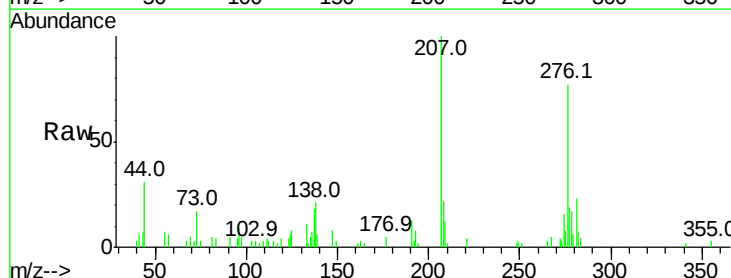
Tgt Ion:276 Resp: 36629

Ion Ratio Lower Upper

276 100

138 27.8 27.7 41.5

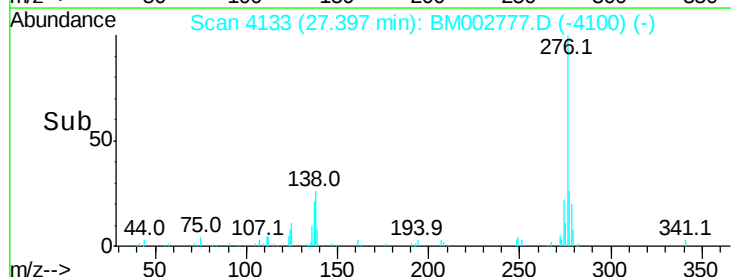
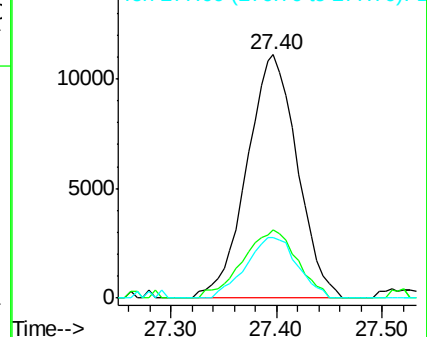
277 24.7 20.2 30.4

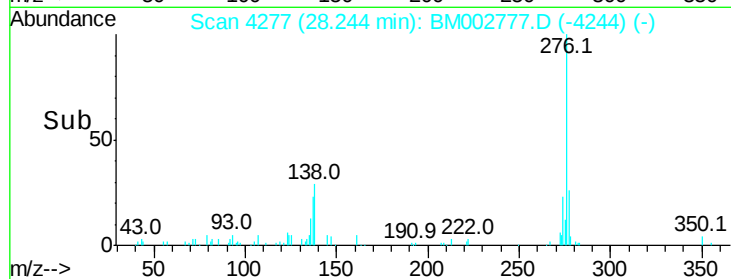
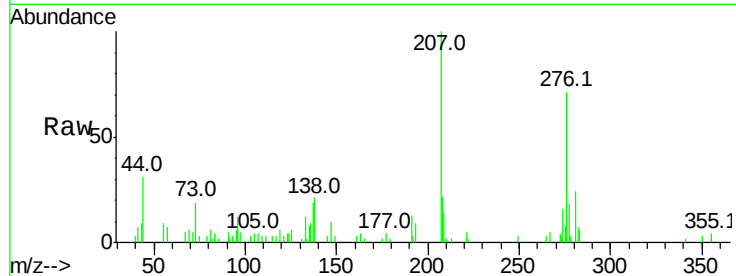
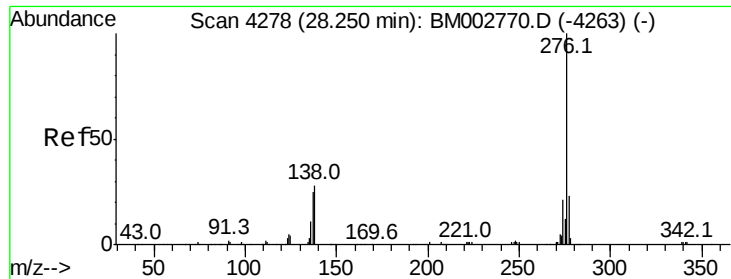


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.47 ng/ul

RT: 28.24 min Scan# 4277

Delta R.T. -0.01 min

Lab File: BM002777.D

Acq: 30 Sep 2015 10:13

Instrument :

BNA_M

ClientSampleId :

E5MW4

Tot Ion:276 Resp: 37544

Ion Ratio Lower Upper

276 100

138 29.3 21.8 32.8

277 25.6 18.9 28.3

