

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002775.D
 Acq On : 30 Sep 2015 09:00
 Operator : UM/IZ
 Sample : G3838-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MW6

Quant Time: Sep 30 10:48:56 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	121016	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	523980	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.29	164	251684	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	477905	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	471483	20.00	ng/ul	0.00
86) Perylene-d12	24.68	264	453965	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.76	96	8766	3.36	ng/uL	0.00
5) Phenol-d5	7.81	99	209146	22.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	122238	23.70	ng/ul	0.00
9) 2-Chlorophenol-d4	8.21	132	190985	22.38	ng/ul	0.00
13) 4-Methylphenol-d8	9.39	113	182788	24.18	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	95021	23.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	100555	24.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	166029	22.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.68	131	255920	28.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	494884	26.14	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	634690	25.12	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	80696	24.00	ng/ul	0.00
58) Fluorene-d10	16.27	176	411697	24.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	36880	15.82	ng/ul	0.00
71) Anthracene-d10	18.10	188	578153	25.35	ng/ul	0.00
79) Pyrene-d10	20.33	212	584307	26.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.51	264	605435	26.07	ng/ul	0.00

Target Compounds

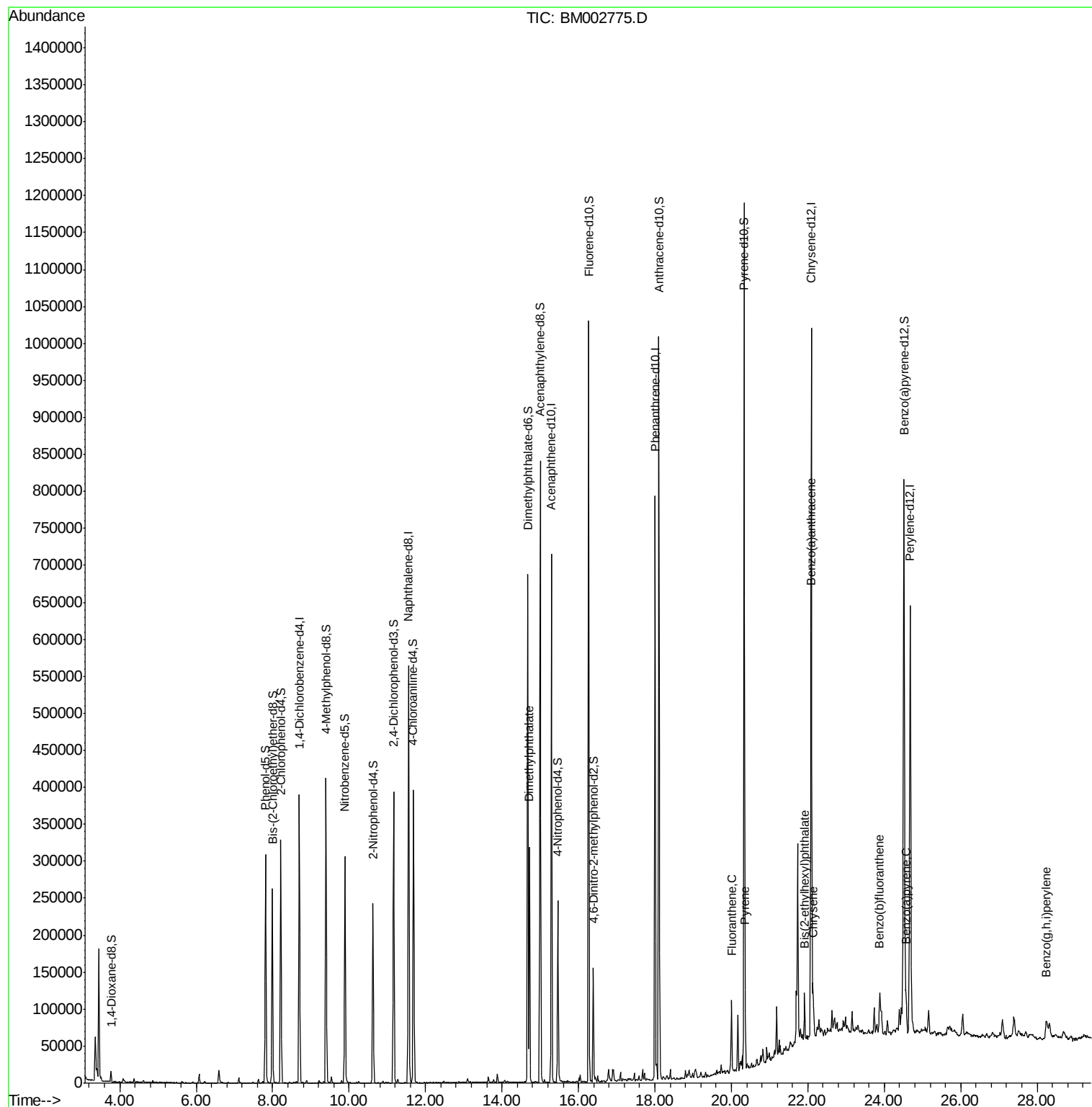
						Ovalue
45) Dimethylphthalate	14.72	163	221195	11.49	ng/ul	100
77) Fluoranthene	20.00	202	58812	2.06	ng/ul	100
80) Pyrene	20.36	202	57501	1.92	ng/ul	99
83) Benzo(a)anthracene	22.07	228	40680	1.45	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.92	149	22480	1.11	ng/ul#	97
85) Chrysene	22.13	228	36595	1.38	ng/ul	97
88) Benzo(b)fluoranthene	23.88	252	52500	1.93	ng/ul	98
91) Benzo(a)pyrene	24.57	252	43332	1.65	ng/ul	97
94) Benzo(a,h,i)perylene	28.24	276	28659	1.11	ng/ul	97

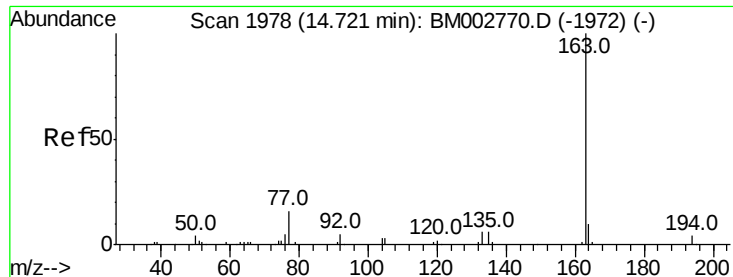
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 11.49 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM002775.D

Acq: 30 Sep 2015 09:00

Instrument :

BNA_M

ClientSampleId :

E5MW6

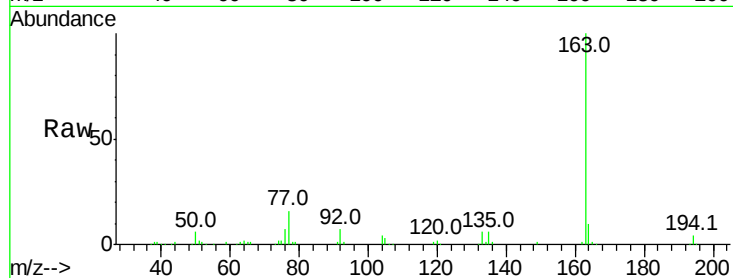
Tot Ion:163 Resp: 221195

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

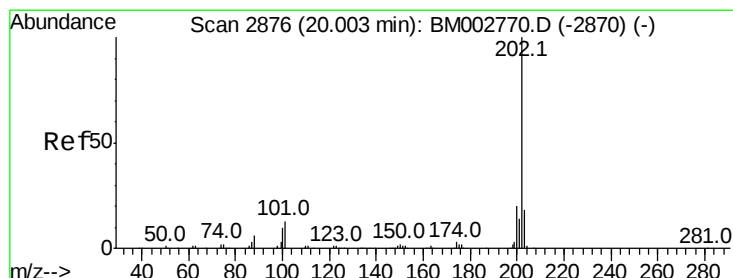
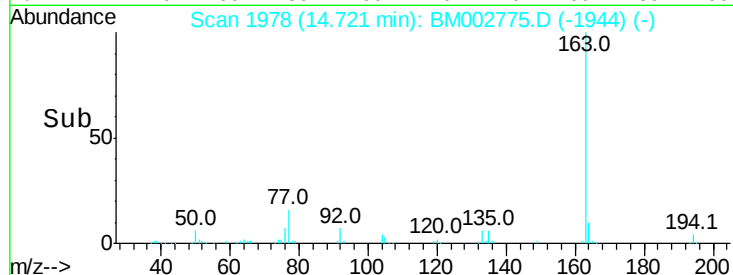
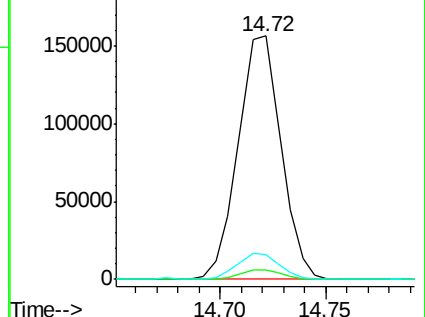
164 10.1 8.1 12.1



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: 2.06 ng/ul

RT: 20.00 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BM002775.D

Acq: 30 Sep 2015 09:00

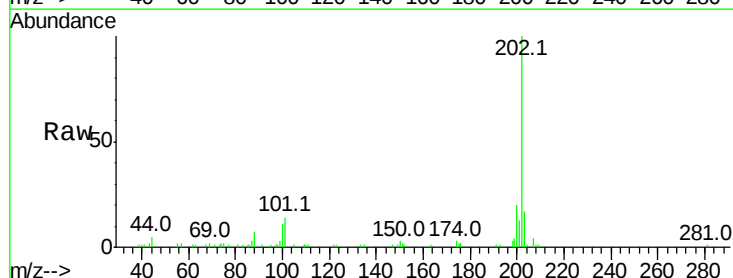
Tgt Ion:202 Resp: 58812

Ion Ratio Lower Upper

202 100

101 13.6 11.0 16.4

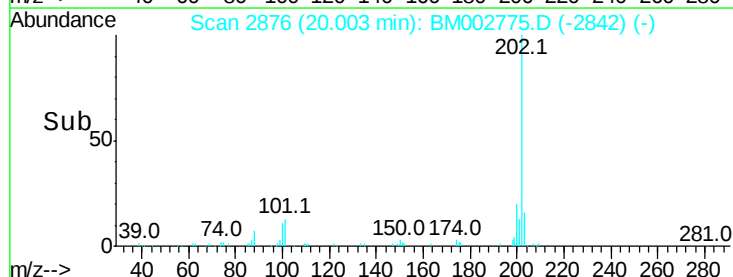
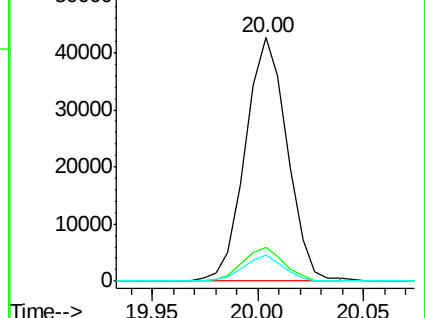
100 10.7 8.3 12.5

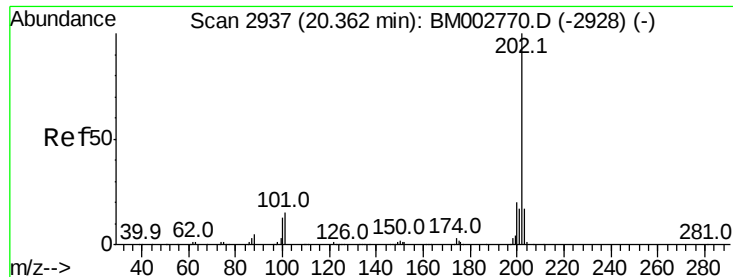


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 1.92 ng/ul

RT: 20.36 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BM002775.D

Acq: 30 Sep 2015 09:00

Instrument :

BNA_M

ClientSampled :

E5MW6

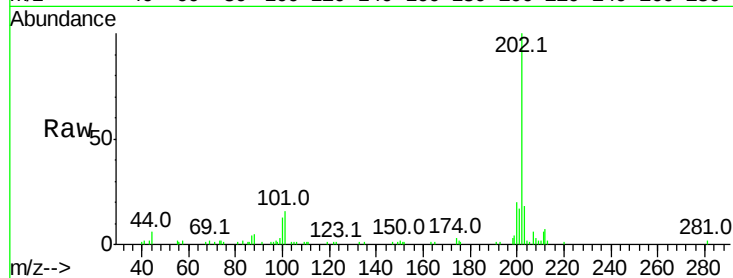
Tot Ion:202 Resp: 57501

Ion Ratio Lower Upper

202 100

101 15.5 12.1 18.1

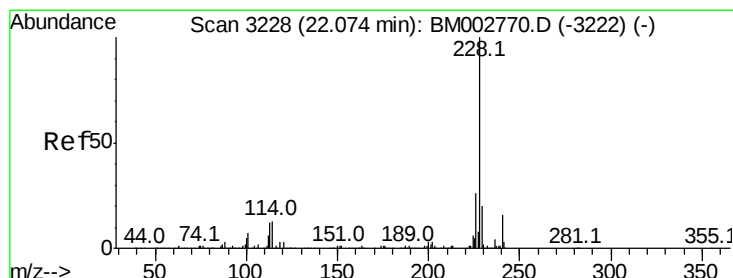
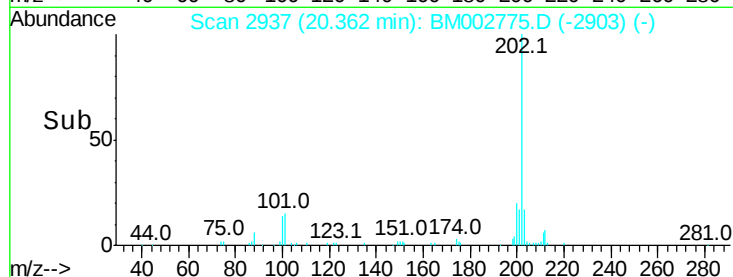
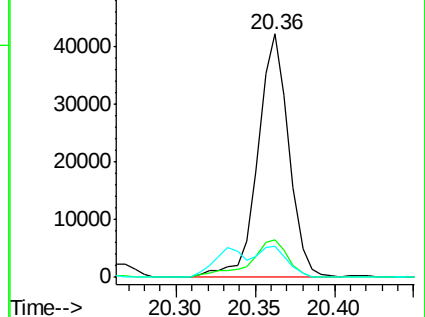
100 13.0 10.2 15.4



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: 1.45 ng/ul

RT: 22.07 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BM002775.D

Acq: 30 Sep 2015 09:00

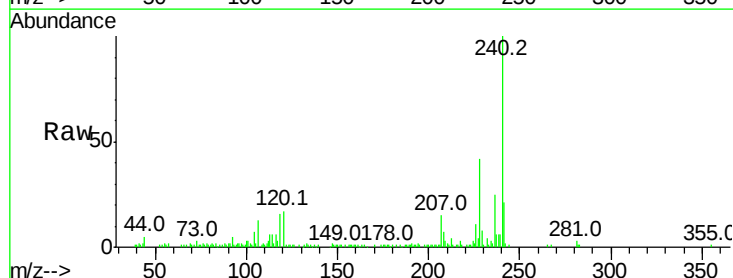
Tgt Ion:228 Resp: 40680

Ion Ratio Lower Upper

228 100

229 20.0 16.1 24.1

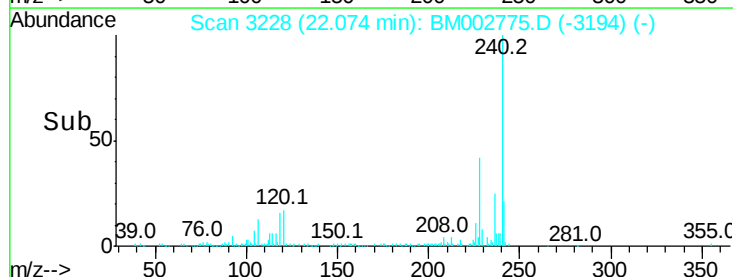
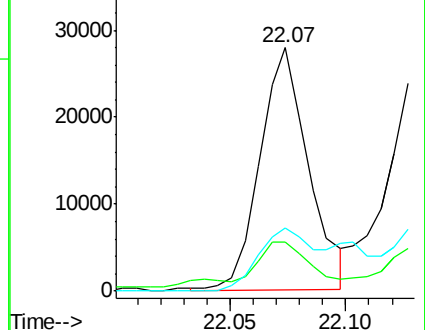
226 25.7 20.9 31.3

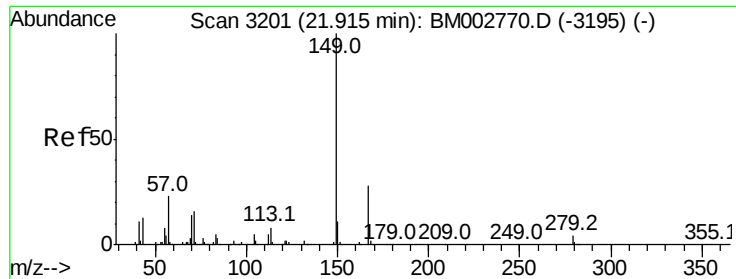


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

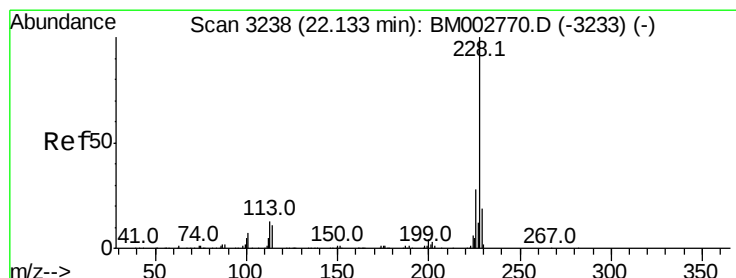
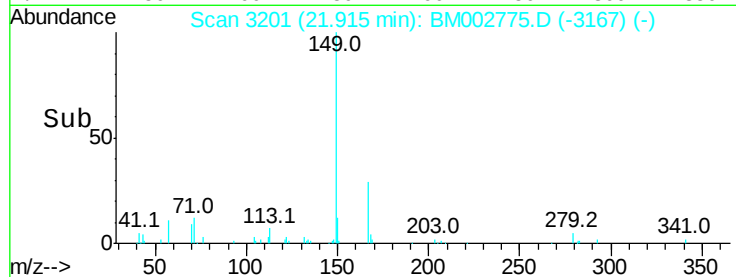
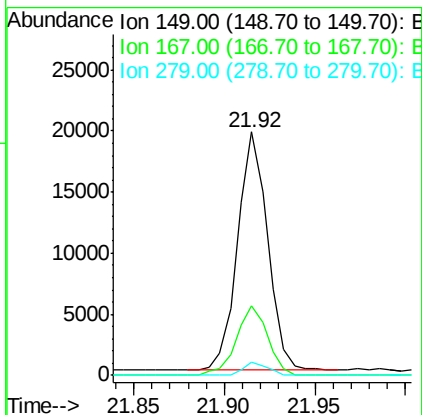
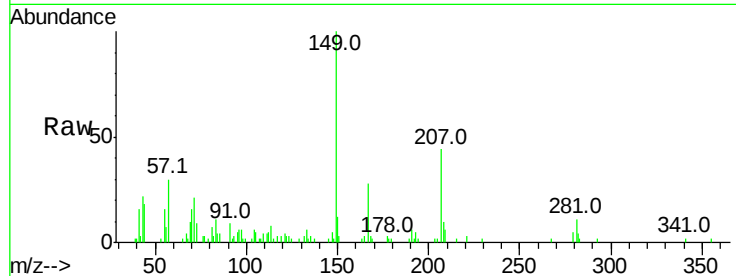




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.11 ng/ul
 RT: 21.92 min Scan# 3201
 Delta R.T. -0.00 min
 Lab File: BM002775.D
 Acq: 30 Sep 2015 09:00

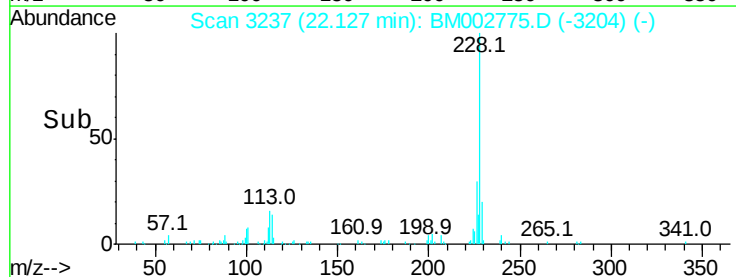
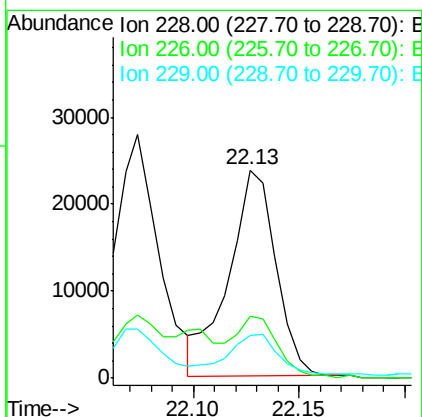
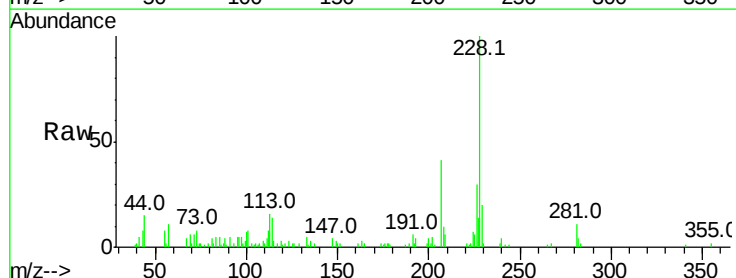
Instrument :
 BNA_M
 ClientSampleId :
 E5MW6

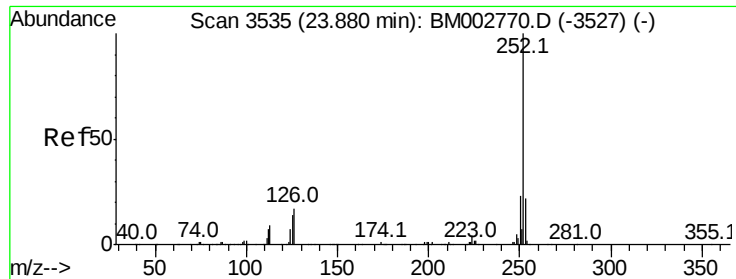
Tot Ion:149 Resp: 22480
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.7 32.5
 279 5.3 3.0 4.6#



#85
 Chrysene
 Concen: 1.38 ng/ul
 RT: 22.13 min Scan# 3237
 Delta R.T. -0.01 min
 Lab File: BM002775.D
 Acq: 30 Sep 2015 09:00

Tgt Ion:228 Resp: 36595
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.4 33.6
 229 20.4 15.4 23.2





#88

Benzo(b)fluoranthene

Concen: 1.93 ng/ul

RT: 23.88 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BM002775.D

Acq: 30 Sep 2015 09:00

Instrument :

BNA_M

ClientSampleId :

E5MW6

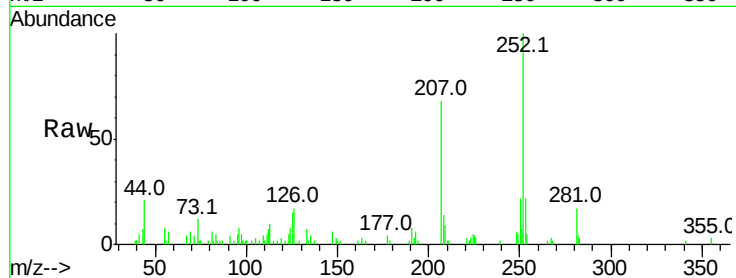
Tot Ion:252 Resp: 52500

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

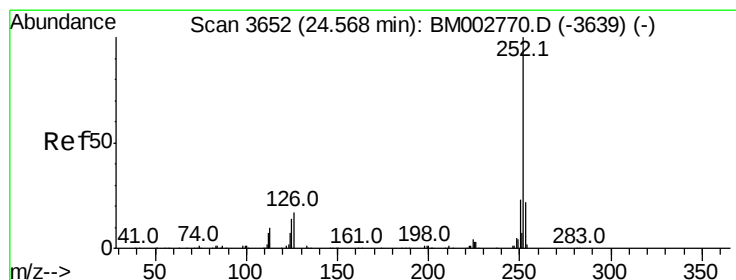
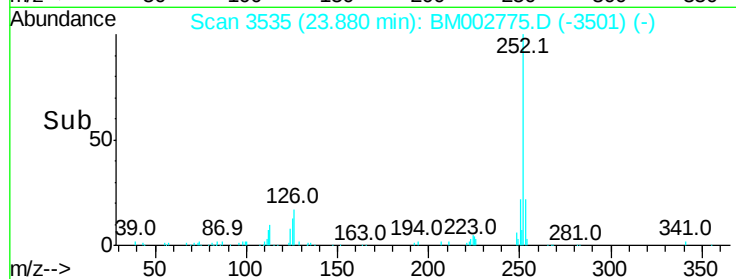
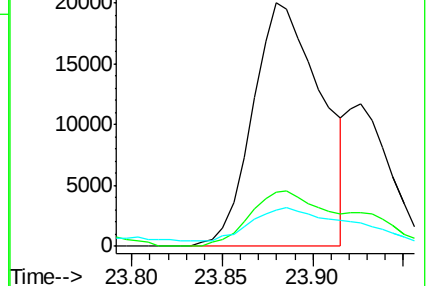
125 15.0 10.6 15.8



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: 1.65 ng/ul

RT: 24.57 min Scan# 3652

Delta R.T. -0.00 min

Lab File: BM002775.D

Acq: 30 Sep 2015 09:00

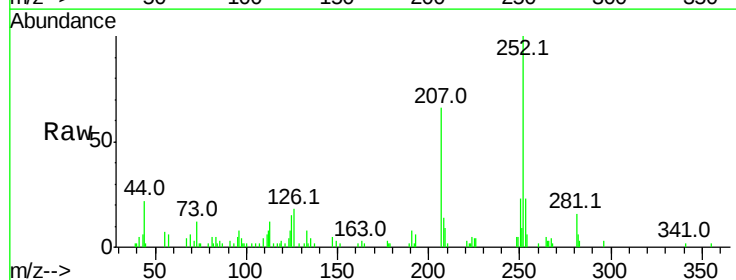
Tgt Ion:252 Resp: 43332

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

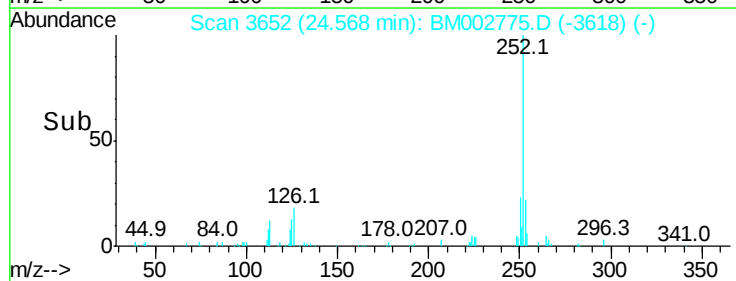
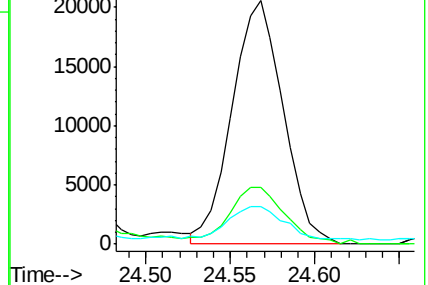
125 15.4 11.4 17.2

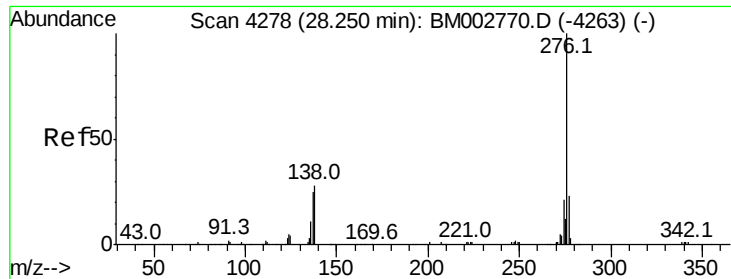


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.11 ng/ul

RT: 28.24 min Scan# 4277

Delta R.T. -0.01 min

Lab File: BM002775.D

Acq: 30 Sep 2015 09:00

Instrument :

BNA_M

ClientSampleId :

E5MW6

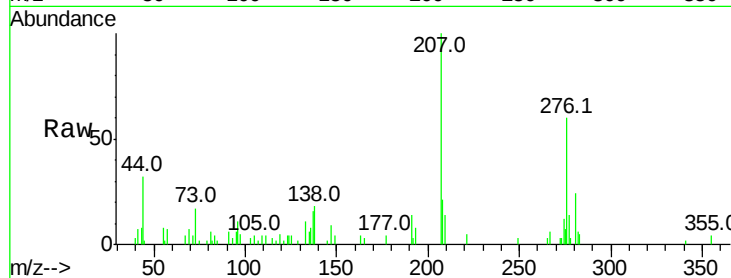
Tot Ion:276 Resp: 28659

Ion Ratio Lower Upper

276 100

138 30.2 21.8 32.8

277 23.4 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

