

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002774.D
 Acq On : 30 Sep 2015 08:23
 Operator : UM/IZ
 Sample : G3838-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MW7

Quant Time: Sep 30 10:47:45 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	98630	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	414697	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.29	164	206886	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	416262	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	435945	20.00	ng/ul	0.00
86) Perylene-d12	24.68	264	440710	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	10634	5.01	ng/uL	0.00
5) Phenol-d5	7.82	99	227623	30.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	130359	31.01	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	210167	30.21	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	193147	31.35	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	100066	31.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	105784	32.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	175473	30.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.68	131	269925	38.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	509602	32.74	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	677974	32.64	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	88037	31.85	ng/ul	0.00
58) Fluorene-d10	16.27	176	443021	31.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	42512	20.94	ng/ul	0.00
71) Anthracene-d10	18.10	188	642935	32.36	ng/ul	0.00
79) Pyrene-d10	20.33	212	667032	32.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.51	264	749248	33.23	ng/ul	0.00

Target Compounds

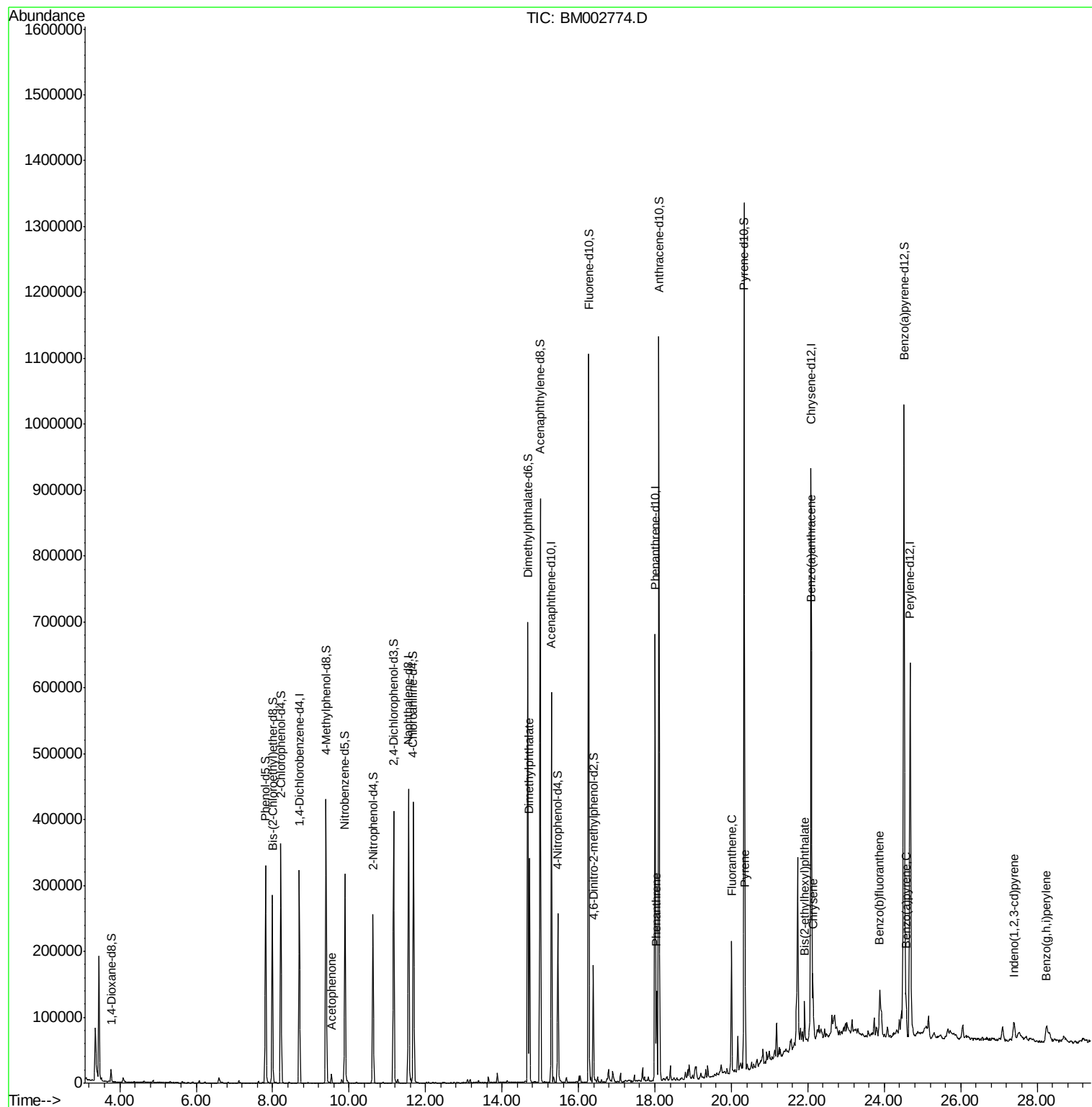
						Ovalue
14) Acetophenone	9.54	105	9378	1.01	ng/ul	98
45) Dimethylphthalate	14.72	163	242290	15.31	ng/ul	99
70) Phenanthrene	18.04	178	85476	3.55	ng/ul	99
77) Fluoranthene	20.00	202	117181	4.71	ng/ul	98
80) Pyrene	20.36	202	100355	3.62	ng/ul	99
83) Benzo(a)anthracene	22.07	228	49285	1.90	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.92	149	23063	1.23	ng/ul	97
85) Chrysene	22.13	228	50857	2.08	ng/ul	95
88) Benzo(b)fluoranthene	23.88	252	63806	2.41	ng/ul	96
91) Benzo(a)pyrene	24.57	252	48747	1.92	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.39	276	31971	1.08	ng/ul#	90
94) Benzo(g,h,i)perylene	28.24	276	30289	1.21	ng/ul	97

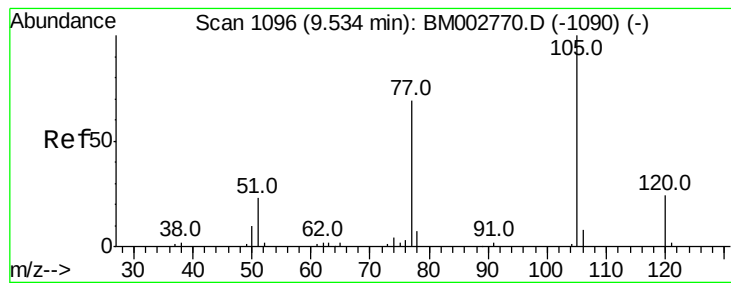
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#14

Acetophenone

Concen: 1.01 ng/ul

RT: 9.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

Instrument :

BNA_M

ClientSampleId :

E5MW7

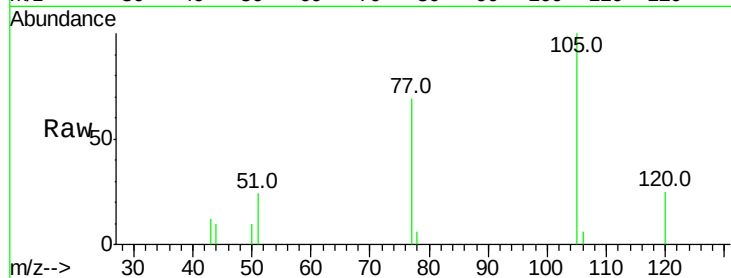
Tot Ion:105 Resp: 9378

Ion Ratio Lower Upper

105 100

77 68.8 54.5 81.7

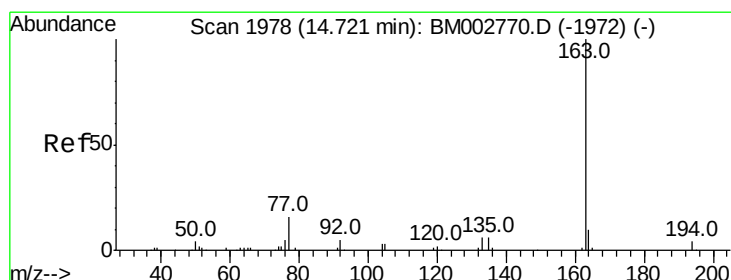
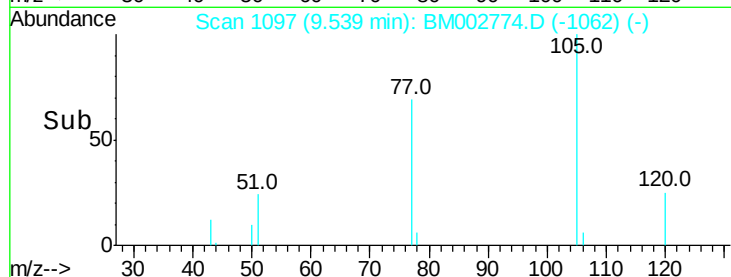
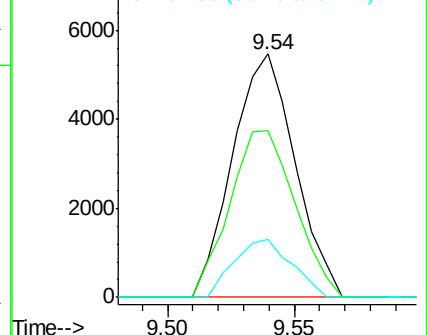
51 23.8 17.6 26.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#45

Dimethylphthalate

Concen: 15.31 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

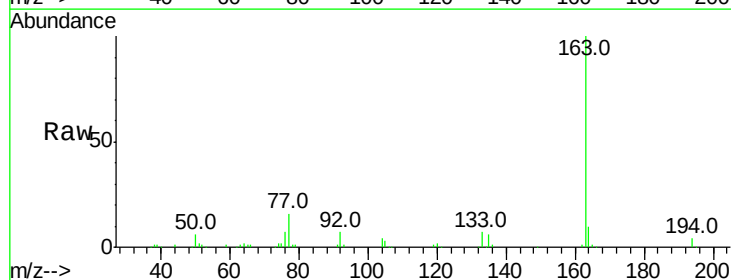
Tgt Ion:163 Resp: 242290

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

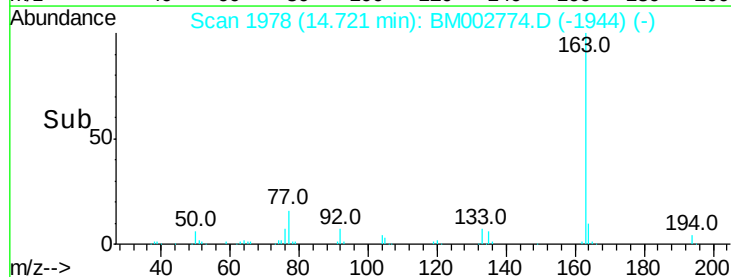
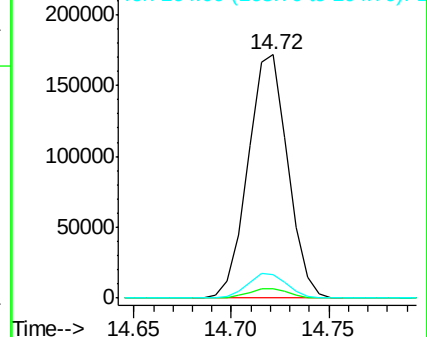
164 9.8 8.1 12.1

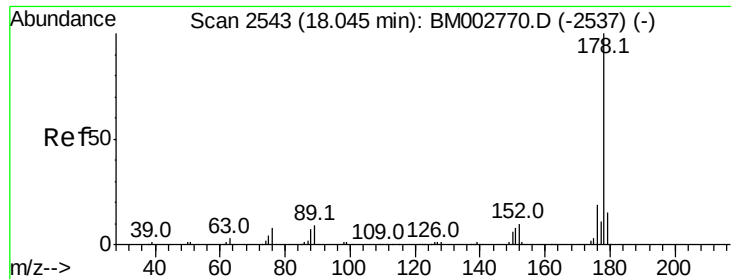


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 3.55 ng/ul

RT: 18.04 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

Instrument :

BNA_M

ClientSampleId :

E5MW7

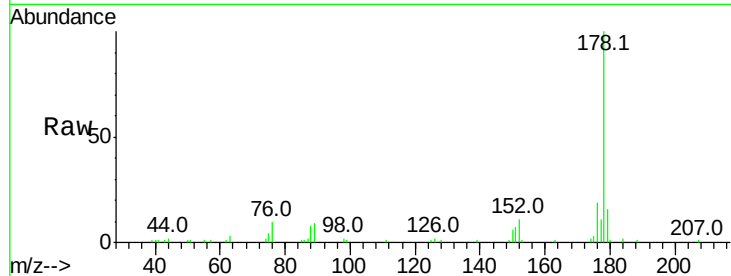
Tot Ion:178 Resp: 85476

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.0	18.0
176	18.7	14.6	22.0

178 100

179 15.6 12.0 18.0

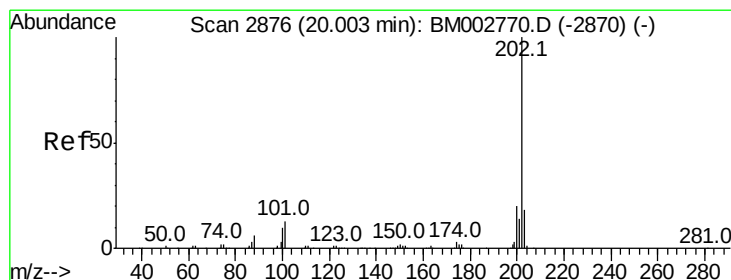
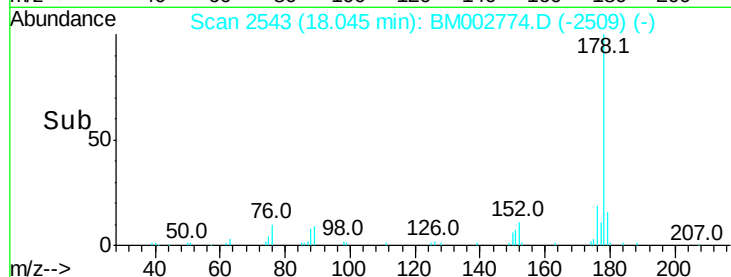
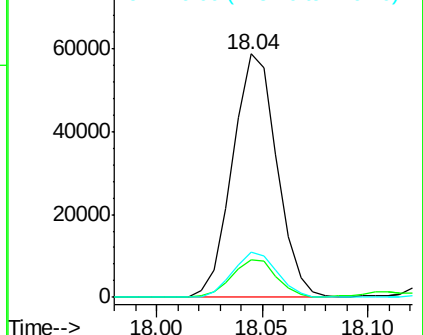
176 18.7 14.6 22.0



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



#77

Fluoranthene

Concen: 4.71 ng/ul

RT: 20.00 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

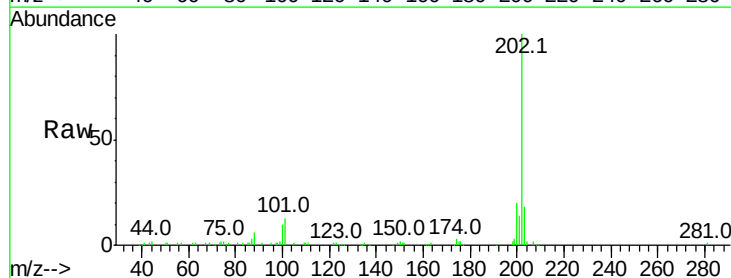
Tgt Ion:202 Resp: 117181

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.0	16.4
100	9.9	8.3	12.5

202 100

101 12.7 11.0 16.4

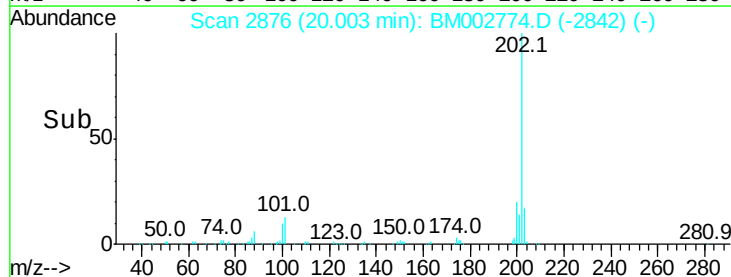
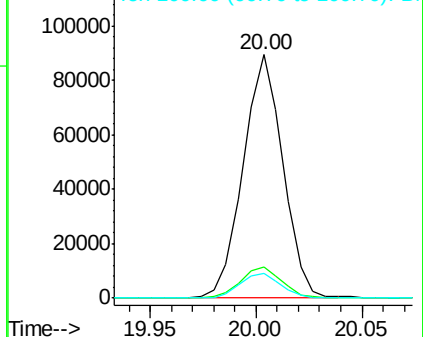
100 9.9 8.3 12.5

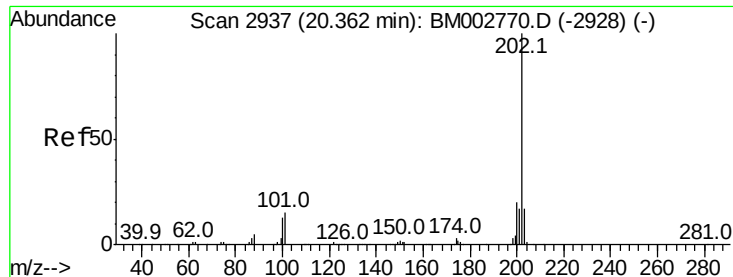


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 3.62 ng/ul

RT: 20.36 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

Instrument :

BNA_M

ClientSampleId :

E5MW7

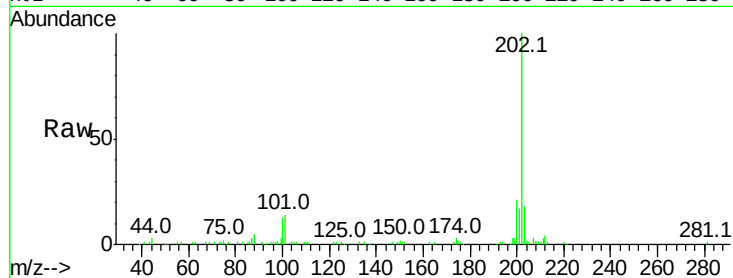
Tot Ion:202 Resp: 100355

Ion Ratio Lower Upper

202 100

101 14.4 12.1 18.1

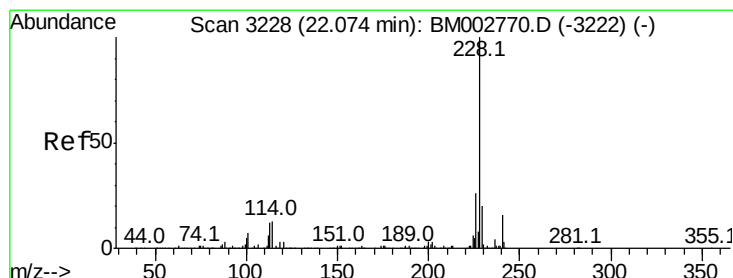
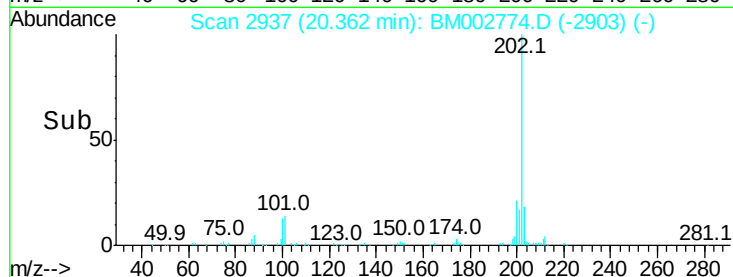
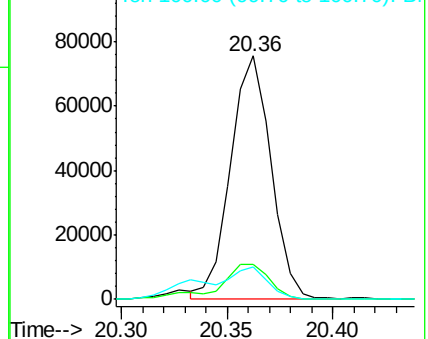
100 13.1 10.2 15.4



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: 1.90 ng/ul

RT: 22.07 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

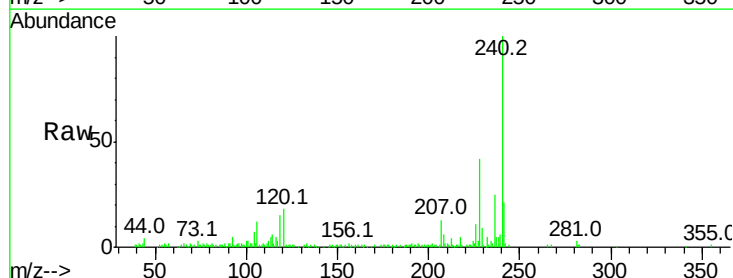
Tgt Ion:228 Resp: 49285

Ion Ratio Lower Upper

228 100

229 21.5 16.1 24.1

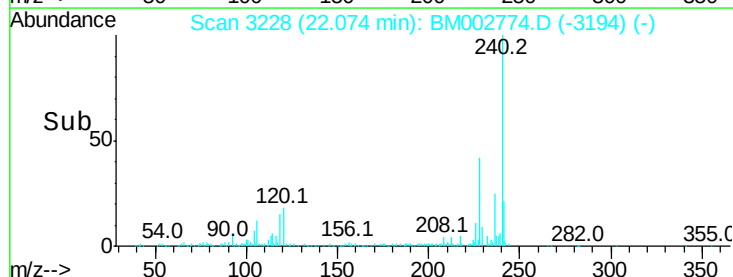
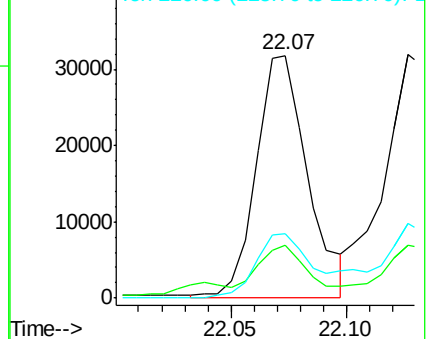
226 26.7 20.9 31.3

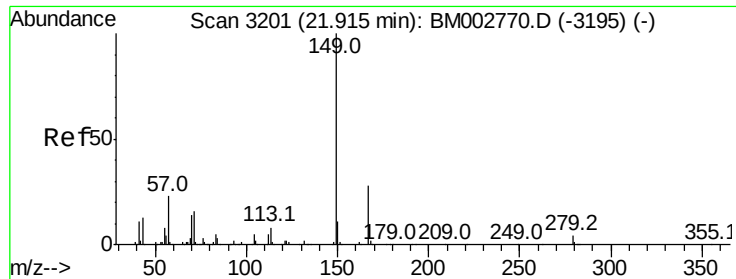


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.23 ng/ul

RT: 21.92 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

Instrument :

BNA_M

ClientSampled :

E5MW7

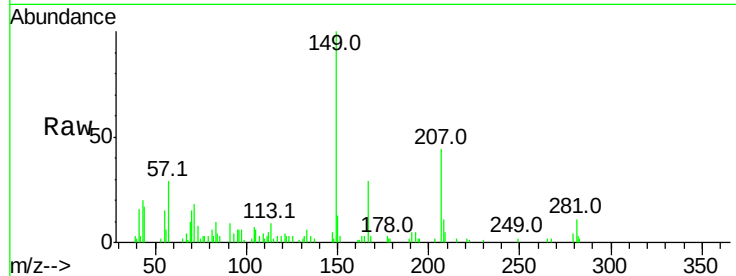
Tot Ion:149 Resp: 23063

Ion Ratio Lower Upper

149 100

167 28.9 21.7 32.5

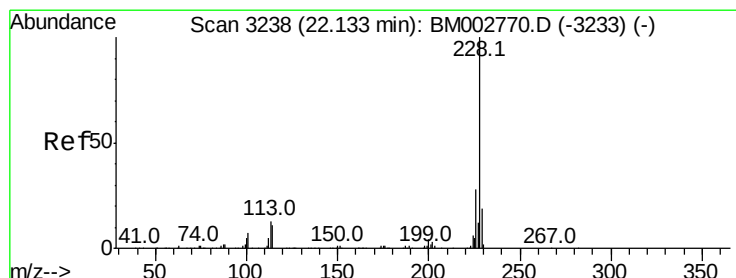
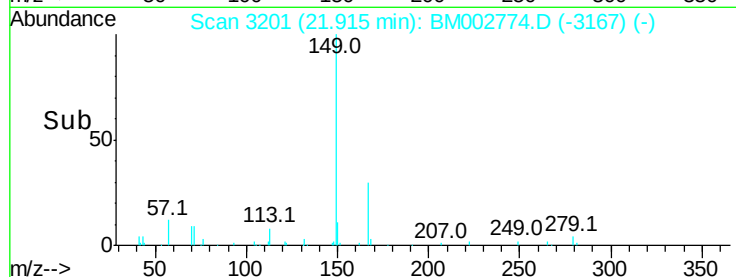
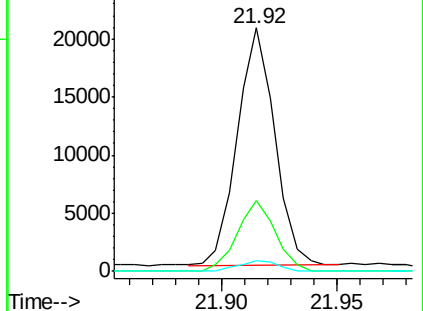
279 4.1 3.0 4.6



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



#85

Chrysene

Concen: 2.08 ng/ul

RT: 22.13 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

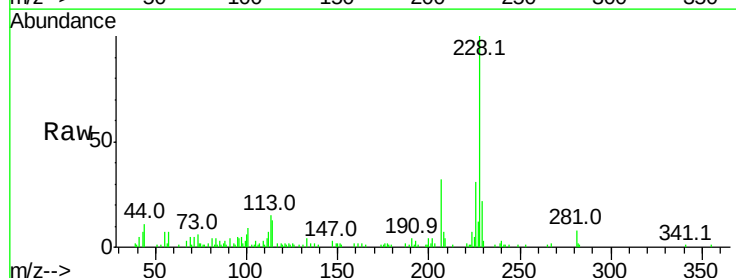
Tgt Ion:228 Resp: 50857

Ion Ratio Lower Upper

228 100

226 30.6 22.4 33.6

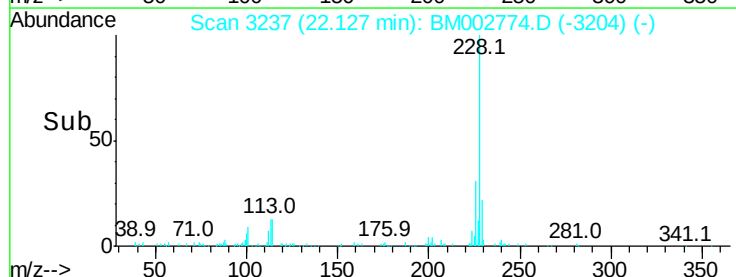
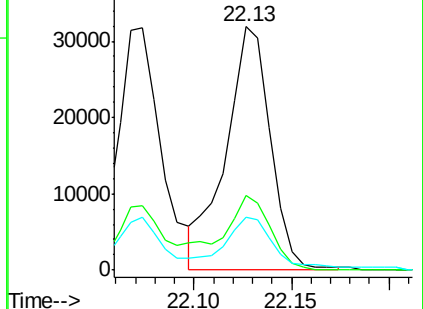
229 21.6 15.4 23.2

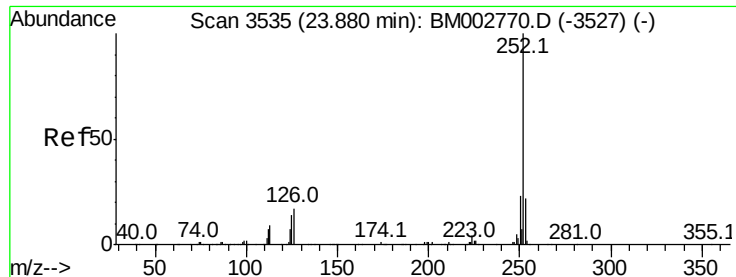


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.41 ng/ul

RT: 23.88 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

Instrument :

BNA_M

ClientSampleId :

E5MW7

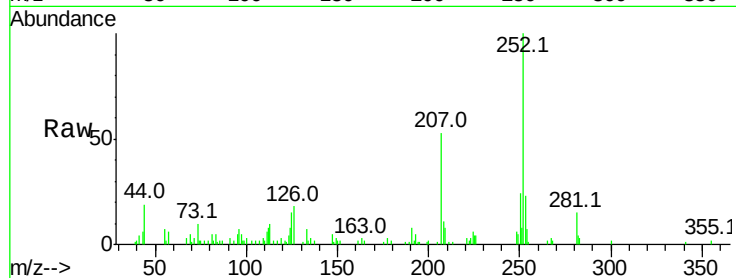
Tot Ion:252 Resp: 63806

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

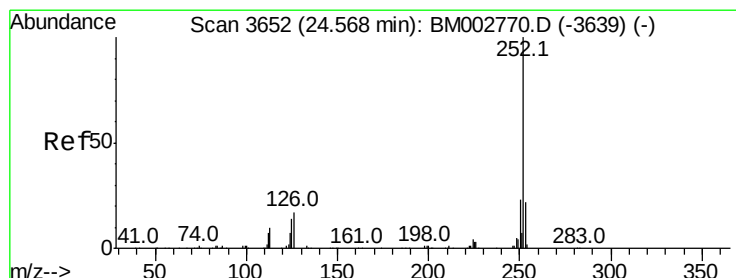
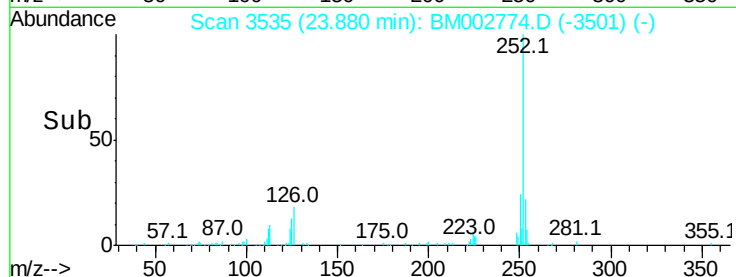
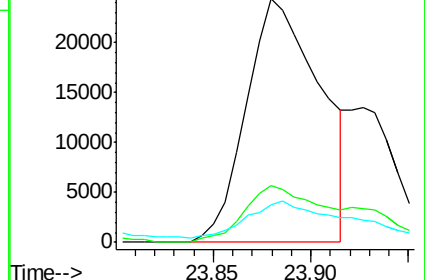
125 15.3 10.6 15.8



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: 1.92 ng/ul

RT: 24.57 min Scan# 3652

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

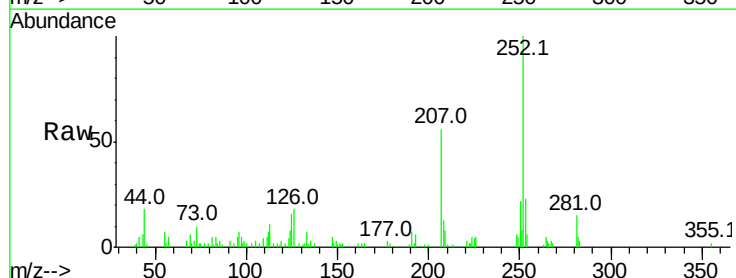
Tgt Ion:252 Resp: 48747

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

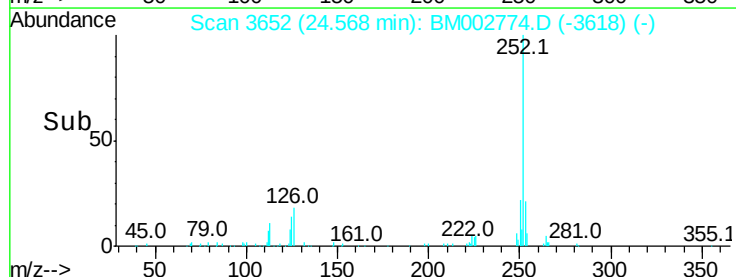
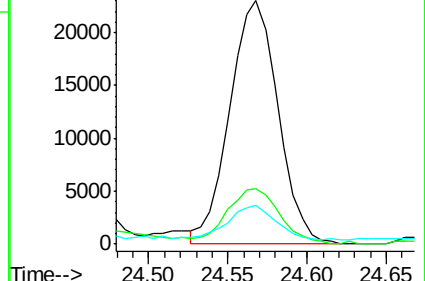
125 15.9 11.4 17.2

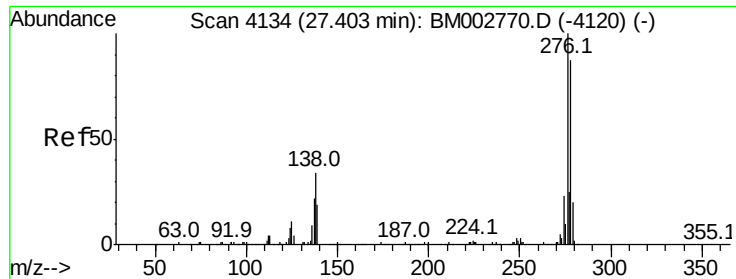


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.08 ng/ul

RT: 27.39 min Scan# 4132

Delta R.T. -0.01 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

Instrument :

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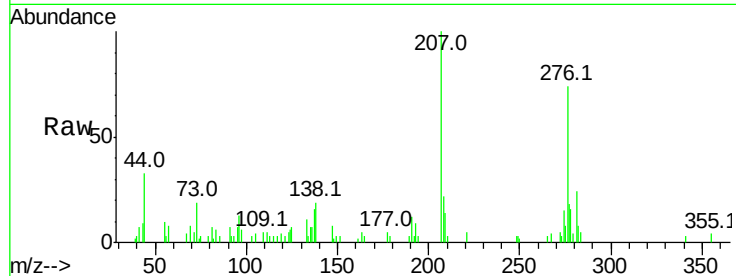
Tot Ion:276 Resp: 31971

Ion Ratio Lower Upper

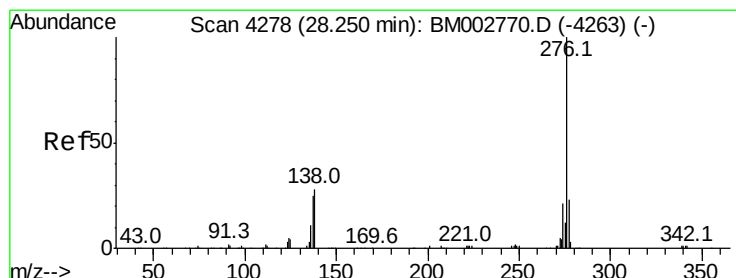
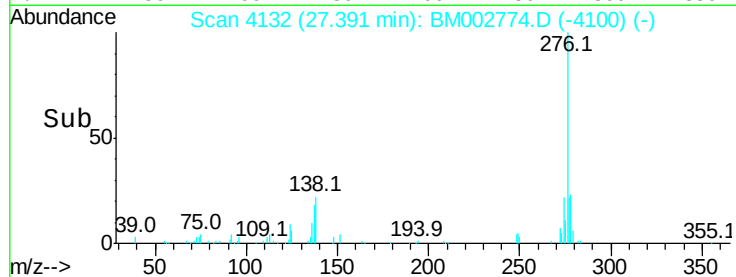
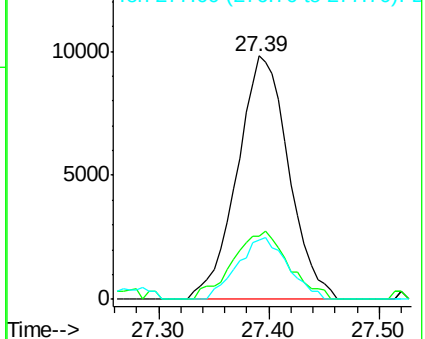
276 100

138 25.9 27.7 41.5#

277 24.1 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(g,h,i)perylene

Concen: 1.21 ng/ul

RT: 28.24 min Scan# 4277

Delta R.T. -0.01 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

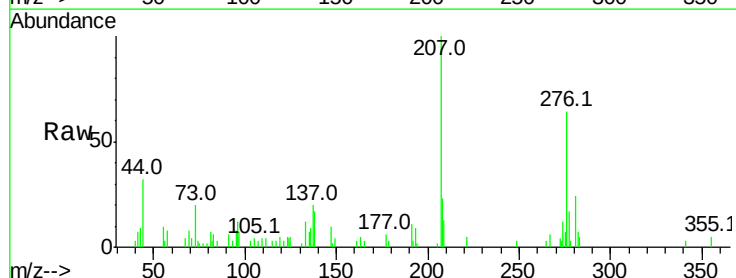
Tgt Ion:276 Resp: 30289

Ion Ratio Lower Upper

276 100

138 27.0 21.8 32.8

277 25.9 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

