

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002780.D
 Acq On : 30 Sep 2015 12:03
 Operator : UM/IZ
 Sample : G3838-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MT9

Quant Time: Sep 30 13:20:01 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	99811	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	422831	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.29	164	210158	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	421742	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	443901	20.00	ng/ul	0.00
86) Perylene-d12	24.68	264	449108	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.77	96	11025	5.13	ng/uL	0.00
5) Phenol-d5	7.81	99	214901	28.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	123979	29.14	ng/ul	0.00
9) 2-Chlorophenol-d4	8.21	132	200083	28.42	ng/ul	0.00
13) 4-Methylphenol-d8	9.39	113	179517	28.79	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	93190	28.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	98828	29.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	162088	27.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.68	131	243561	34.02	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	465605	29.45	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	620057	29.39	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	77406	27.57	ng/ul	0.00
58) Fluorene-d10	16.27	176	407829	28.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	35134	17.08	ng/ul	0.00
71) Anthracene-d10	18.10	188	595985	29.61	ng/ul	0.00
79) Pyrene-d10	20.33	212	621099	29.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.51	264	703036	30.60	ng/ul	0.00

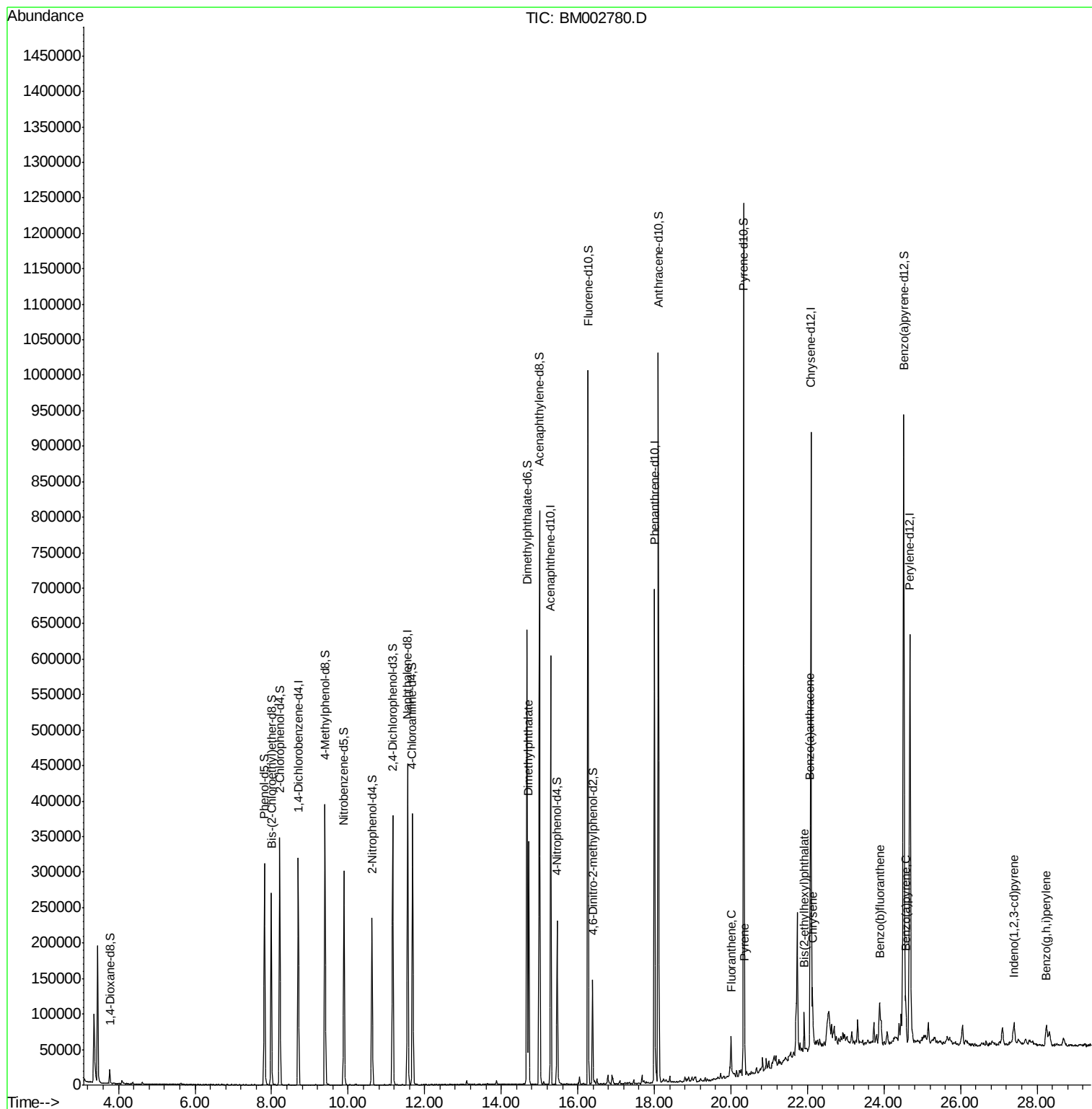
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	14.72	163	245307	15.26	ng/ul	100
77) Fluoranthene	20.00	202	32661	1.30	ng/ul	99
80) Pyrene	20.36	202	35404	1.26	ng/ul	97
83) Benzo(a)anthracene	22.07	228	37990	1.44	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.92	149	20269	1.06	ng/ul	96
85) Chrysene	22.13	228	44271	1.78	ng/ul	96
88) Benzo(b)fluoranthene	23.88	252	57887	2.15	ng/ul#	96
91) Benzo(a)pyrene	24.56	252	47349	1.83	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.40	276	32544	1.08	ng/ul#	91
94) Benzo(g,h,i)perylene	28.24	276	32349	1.27	ng/ul	99

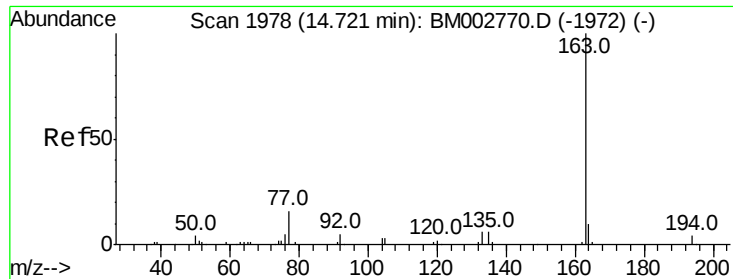
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 15.26 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM002780.D

Acq: 30 Sep 2015 12:03

Instrument :

BNA_M

ClientSampleId :

E5MT9

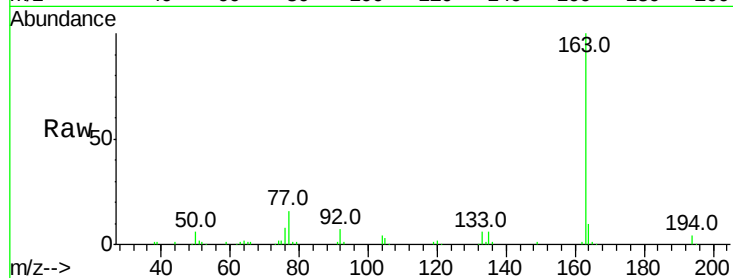
Tot Ion:163 Resp: 245307

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

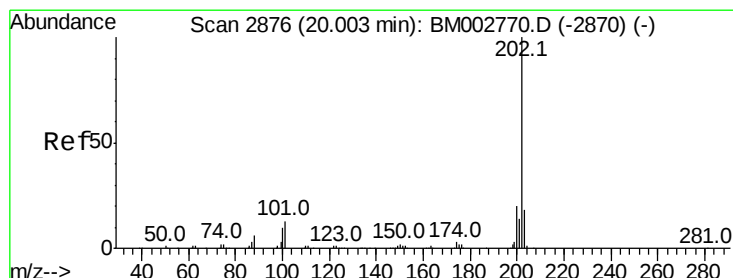
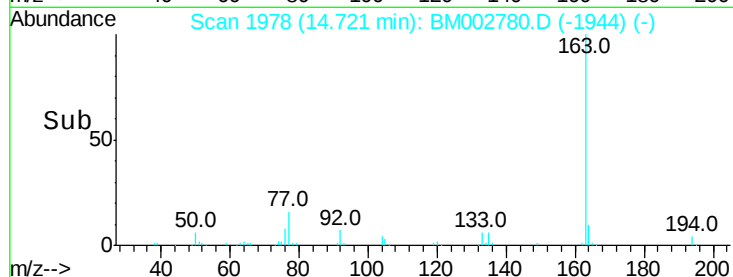
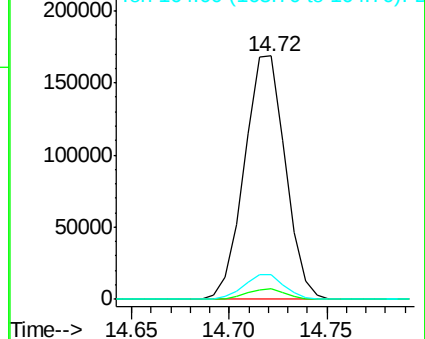
164 10.1 8.1 12.1



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: 1.30 ng/ul

RT: 20.00 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BM002780.D

Acq: 30 Sep 2015 12:03

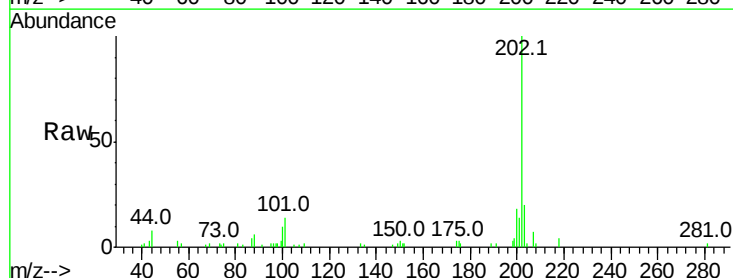
Tgt Ion:202 Resp: 32661

Ion Ratio Lower Upper

202 100

101 14.0 11.0 16.4

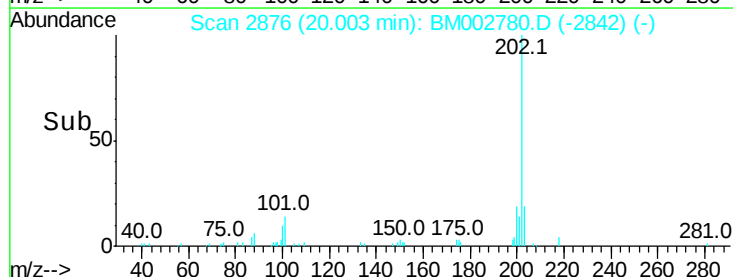
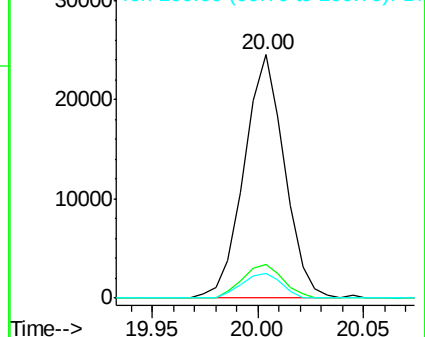
100 9.9 8.3 12.5

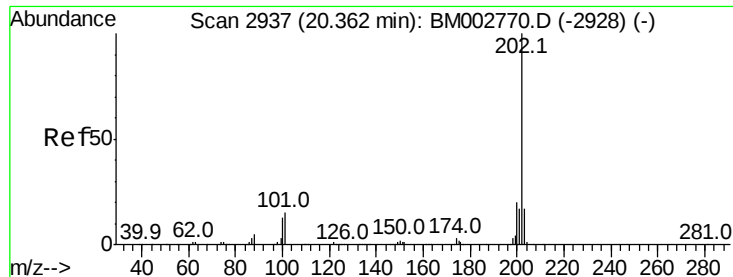


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 1.26 ng/ul

RT: 20.36 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BM002780.D

Acq: 30 Sep 2015 12:03

Instrument :

BNA_M

ClientSampleId :

E5MT9

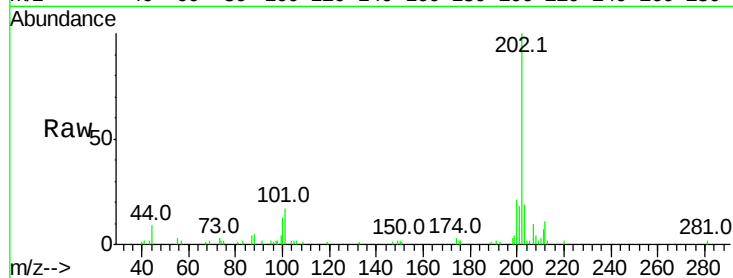
Tot Ion:202 Resp: 35404

Ion Ratio Lower Upper

202 100

101 17.4 12.1 18.1

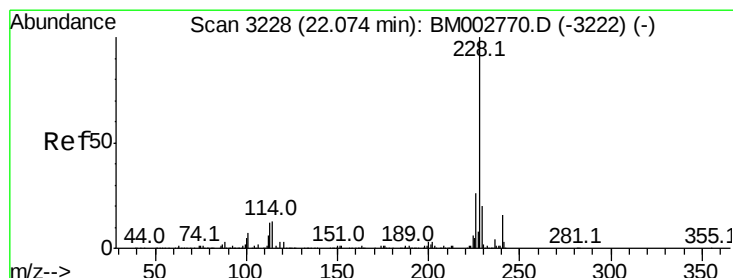
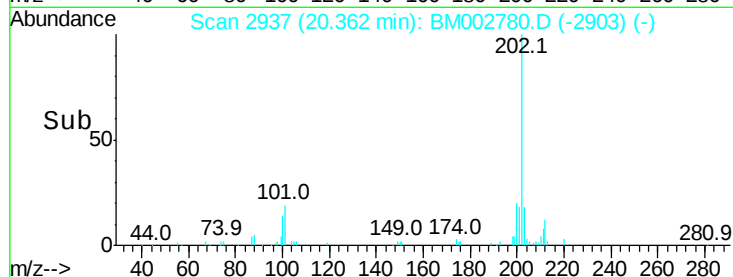
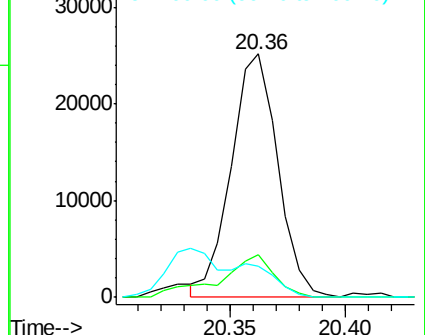
100 12.7 10.2 15.4



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: 1.44 ng/ul

RT: 22.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM002780.D

Acq: 30 Sep 2015 12:03

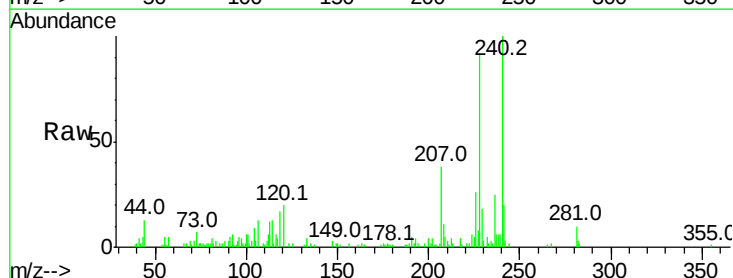
Tgt Ion:228 Resp: 37990

Ion Ratio Lower Upper

228 100

229 20.2 16.1 24.1

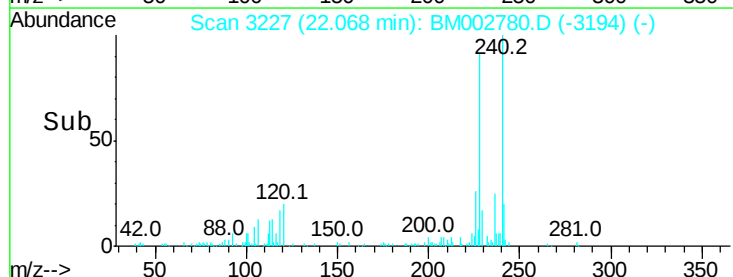
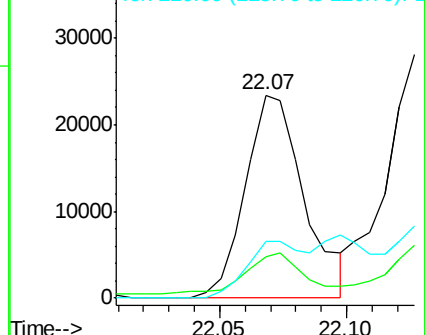
226 28.1 20.9 31.3

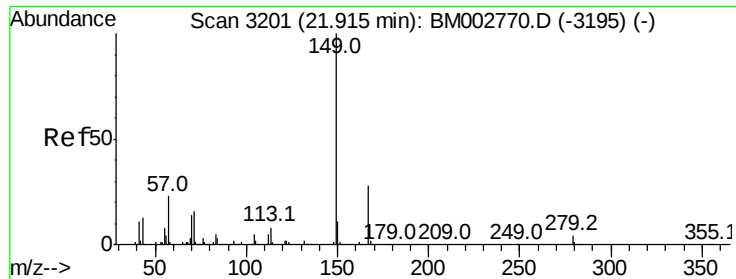


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.06 ng/ul

RT: 21.92 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BM002780.D

Acq: 30 Sep 2015 12:03

Instrument :

BNA_M

ClientSampleId :

E5MT9

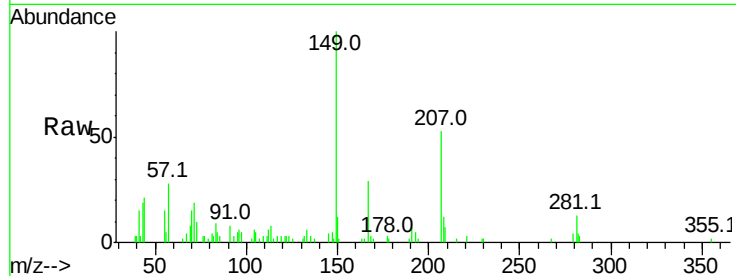
Tot Ion:149 Resp: 20269

Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.7	32.5
279	4.4	3.0	4.6

149 100

167 29.2 21.7 32.5

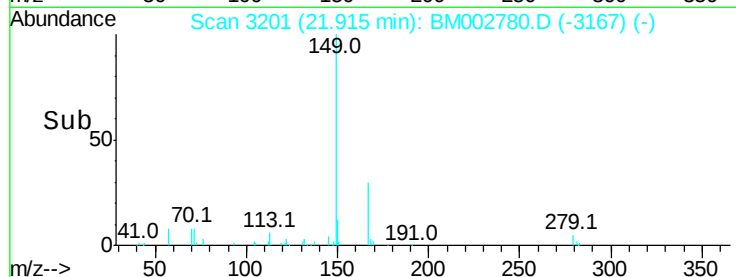
279 4.4 3.0 4.6



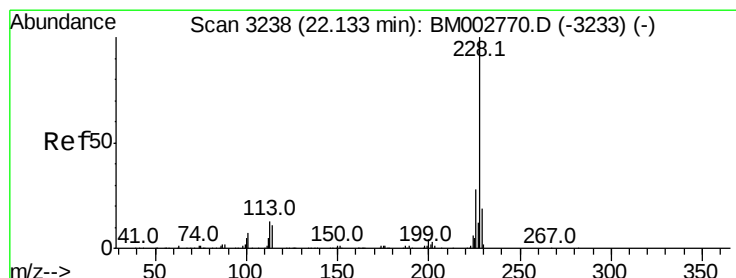
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Chrysene

Concen: 1.78 ng/ul

RT: 22.13 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM002780.D

Acq: 30 Sep 2015 12:03

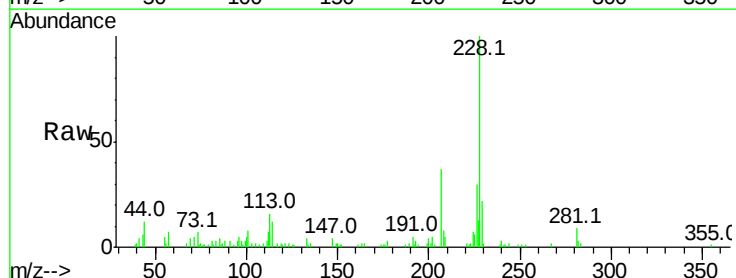
Tgt Ion:228 Resp: 44271

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.4	33.6
229	21.5	15.4	23.2

228 100

226 29.8 22.4 33.6

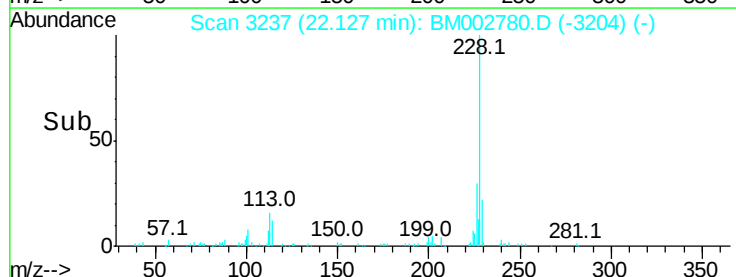
229 21.5 15.4 23.2



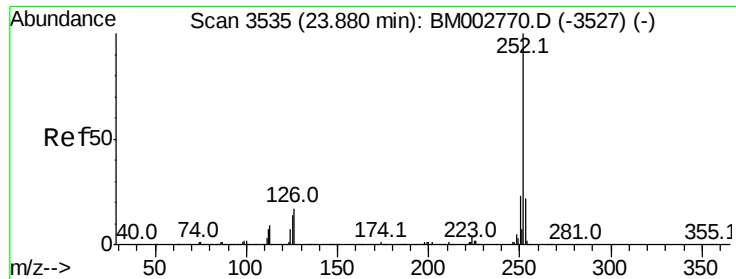
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 2.15 ng/ul

RT: 23.88 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BM002780.D

Acq: 30 Sep 2015 12:03

Instrument :

BNA_M

ClientSampled :

E5MT9

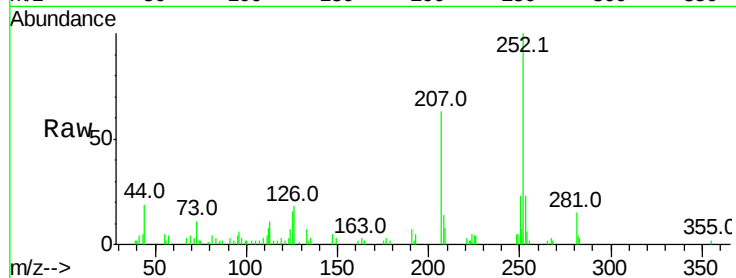
Tot Ion:252 Resp: 57887

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

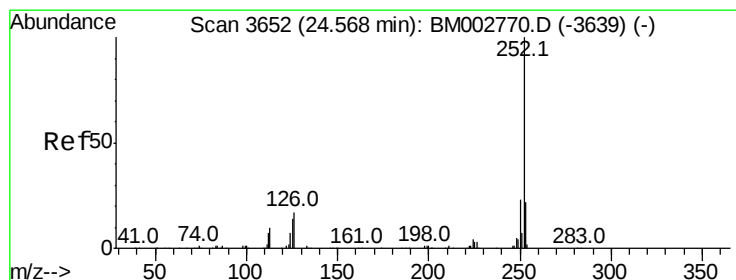
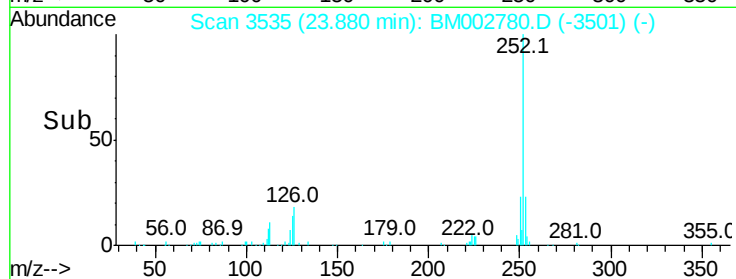
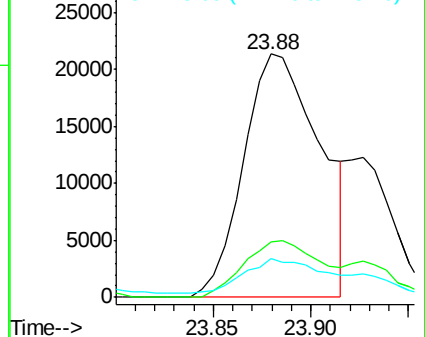
125 15.9 10.6 15.8#



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: 1.83 ng/ul

RT: 24.56 min Scan# 3651

Delta R.T. -0.01 min

Lab File: BM002780.D

Acq: 30 Sep 2015 12:03

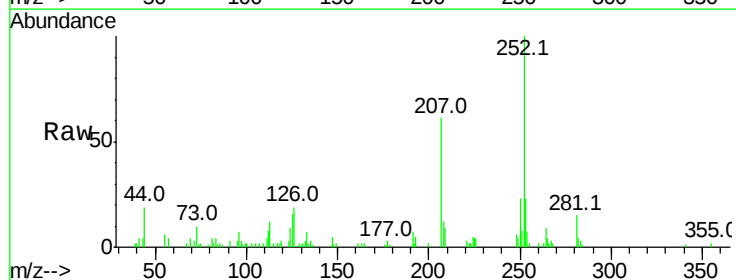
Tgt Ion:252 Resp: 47349

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

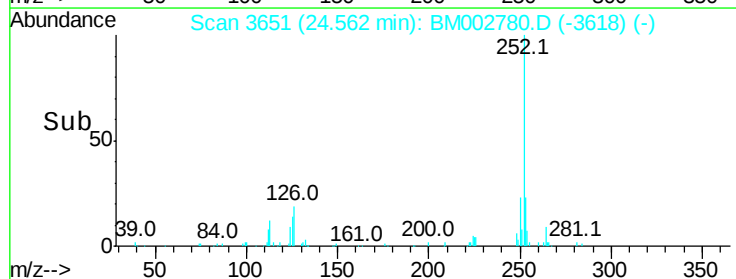
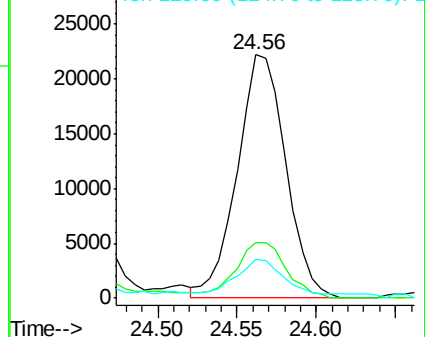
125 16.2 11.4 17.2

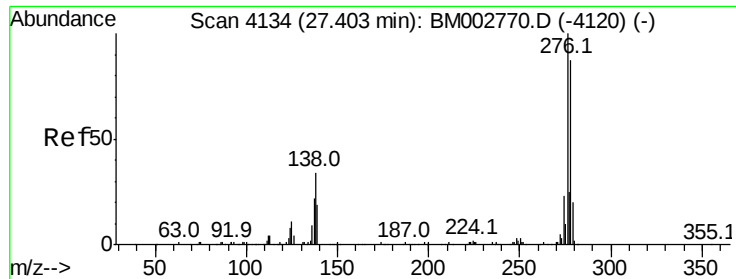


Abundance Ion 252.00 (251.70 to 252.70): E

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: 27.40 min Scan# 4133

Delta R.T. -0.01 min

Lab File: BM002780.D

Acq: 30 Sep 2015 12:03

Instrument :

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E5MT9

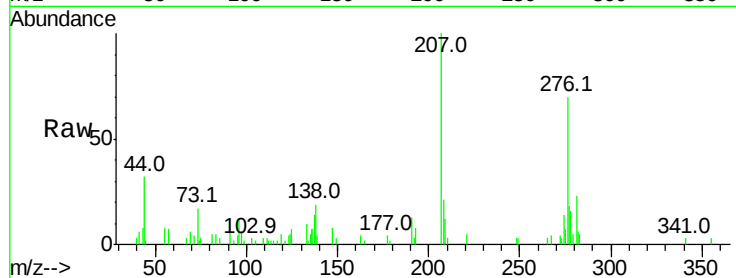
Tot Ion:276 Resp: 32544

Ion Ratio Lower Upper

276 100

138 26.7 27.7 41.5#

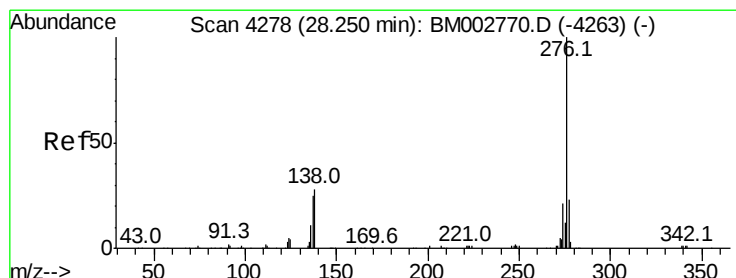
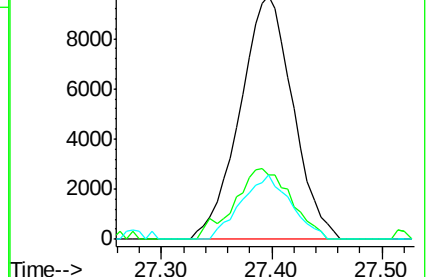
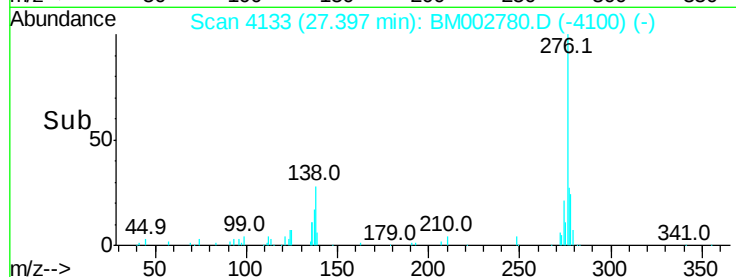
277 26.3 20.2 30.4



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: 1.27 ng/ul

RT: 28.24 min Scan# 4277

Delta R.T. -0.01 min

Lab File: BM002780.D

Acq: 30 Sep 2015 12:03

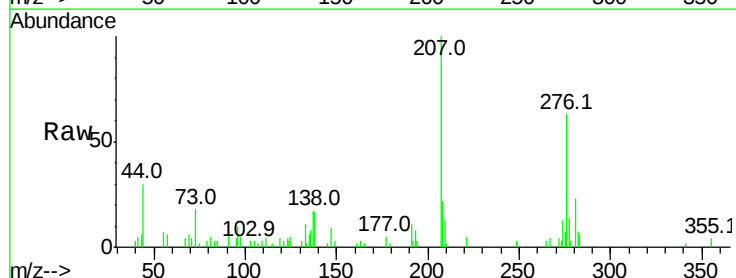
Tgt Ion:276 Resp: 32349

Ion Ratio Lower Upper

276 100

138 27.3 21.8 32.8

277 22.2 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

