

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012770.D
 Acq On : 06 Nov 2017 09:57
 Operator : SJ/JU
 Sample : I5902-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-5(0.5-1.5)-101317

Quant Time: Nov 07 03:53:35 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	191903	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	779580	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	472300	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	945207	20.00	ng/ul	0.01
77) Chrysene-d12	21.39	240	785195	20.00	ng/ul	0.01
85) Perylene-d12	23.67	264	898812	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	15951	4.49	ng/uL	0.00
5) Phenol-d5	7.00	99	354110	24.80	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	202251	26.14	ng/ul	0.01
9) 2-Chlorophenol-d4	7.35	132	311556	26.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	193800	15.72	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	160114	27.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	158859	24.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	330005	24.42	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	272128	20.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1064202	27.23	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1330872	27.53	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	17721	2.83	ng/ul	0.03
57) Fluorene-d10	15.45	176	906451	27.08	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	965	0.15	ng/ul	0.02
70) Anthracene-d10	17.30	188	1171387	25.65	ng/ul	0.01
78) Pyrene-d10	19.60	212	1096439	30.09	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.53	264	1174239	27.63	ng/ul	0.02

Target Compounds

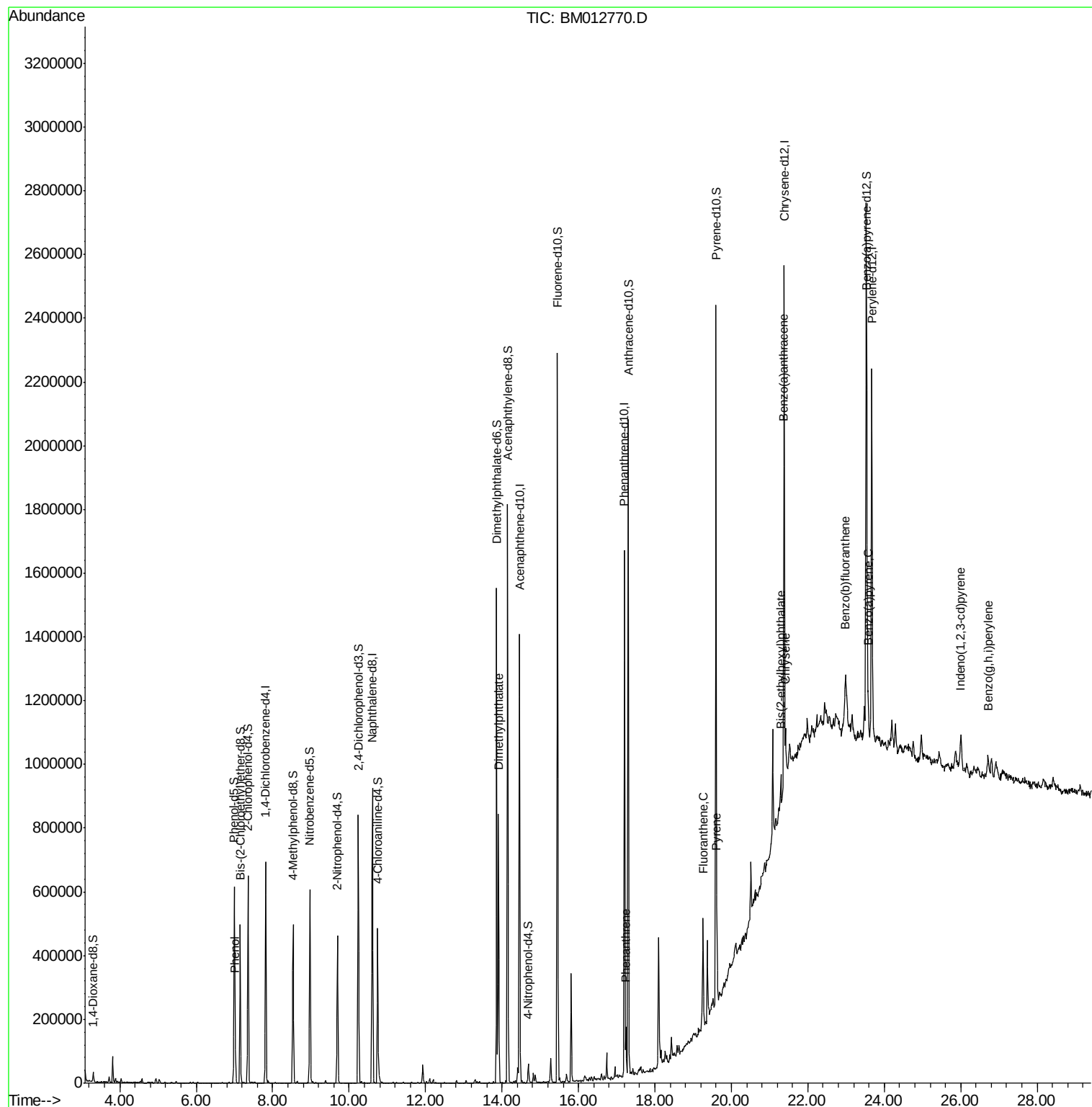
					Qvalue	
6) Phenol	7.02	94	54697	3.732	ng/ul#	88
44) Dimethylphthalate	13.91	163	540097	13.926	ng/ul	99
69) Phenanthrene	17.24	178	91837	1.778	ng/ul	98
76) Fluoranthene	19.26	202	190324	3.066	ng/ul#	93
79) Pyrene	19.62	202	164935	3.521	ng/ul#	93
82) Benzo(a)anthracene	21.37	228	91468	1.925	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.29	149	35075	1.409	ng/ul#	92
84) Chrysene	21.42	228	95181	2.210	ng/ul	97
87) Benzo(b)fluoranthene	22.99	252	142742	2.599	ng/ul#	88
90) Benzo(a)pyrene	23.57	252	98118	1.877	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	26.00	276	82698	1.313	ng/ul#	88
93) Benzo(g,h,i)perylene	26.71	276	74654	1.438	ng/ul	91

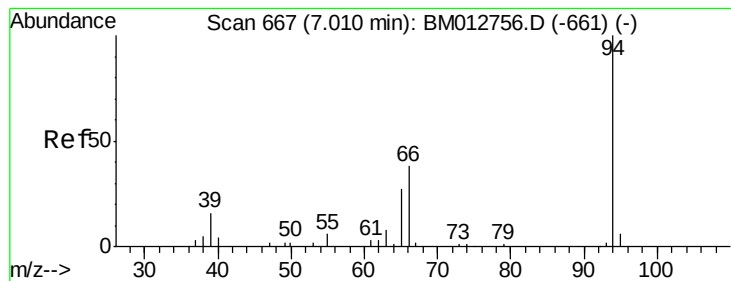
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.732 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM012770.D

Acq: 06 Nov 2017 09:57

Instrument :

BNA_M

ClientSampleId :

B-5(0.5-1.5)-101317

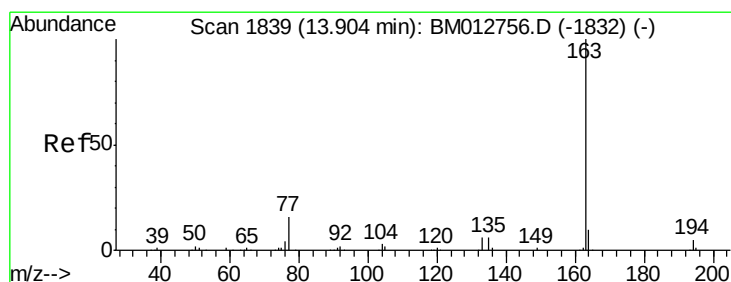
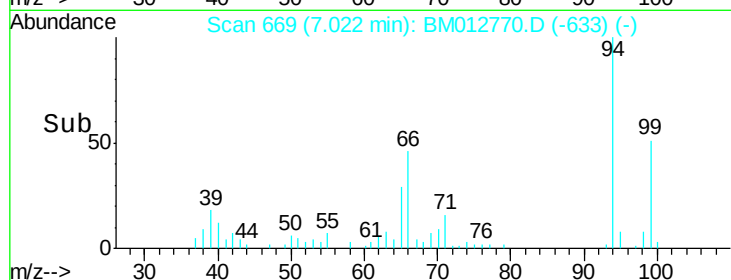
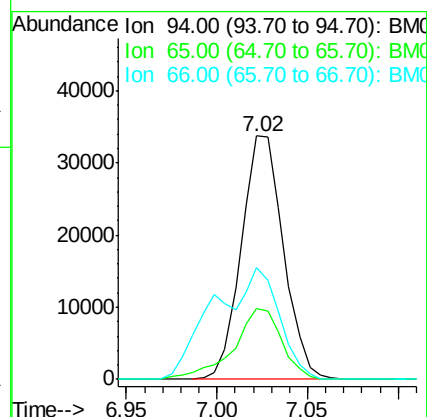
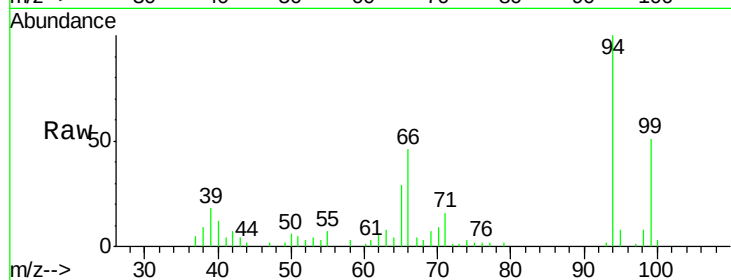
Tgt Ion: 94 Resp: 54697

Ion Ratio Lower Upper

94 100

65 29.3 21.0 31.6

66 45.9 29.3 43.9#



#44

Dimethylphthalate

Concen: 13.926 ng/ul

RT: 13.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BM012770.D

Acq: 06 Nov 2017 09:57

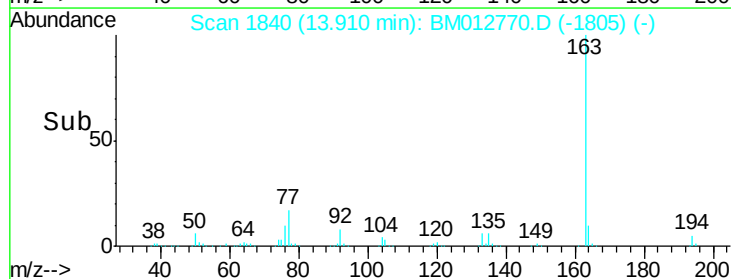
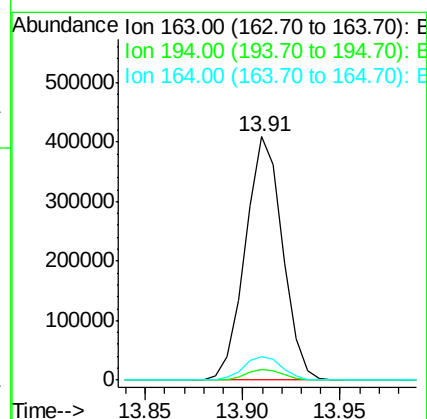
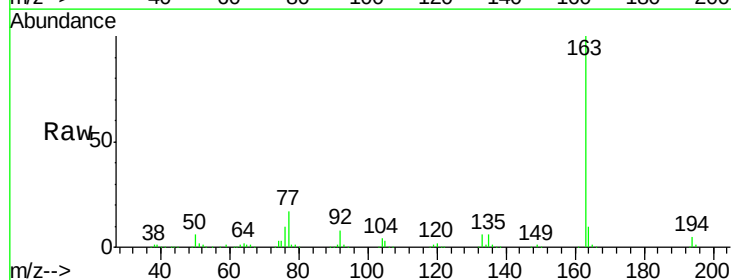
Tgt Ion: 163 Resp: 540097

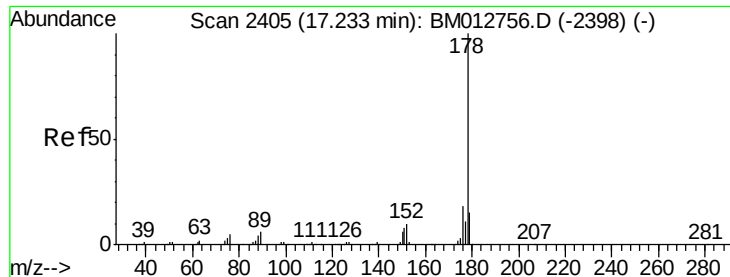
Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

164 9.7 7.8 11.8





#69

Phenanthrene

Concen: 1.778 ng/ul

RT: 17.24 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BM012770.D

Acq: 06 Nov 2017 09:57

Instrument :

BNA_M

ClientSampleId :

B-5(0.5-1.5)-101317

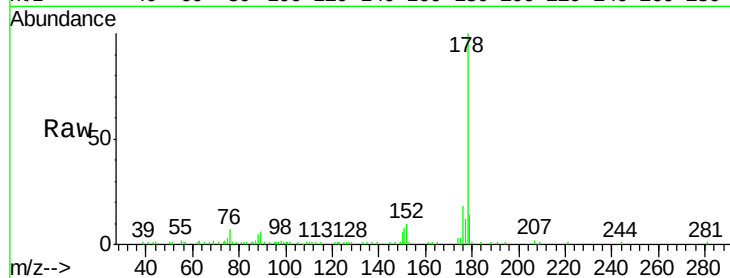
Tgt Ion:178 Resp: 91837

Ion Ratio Lower Upper

178 100

179 14.3 12.2 18.4

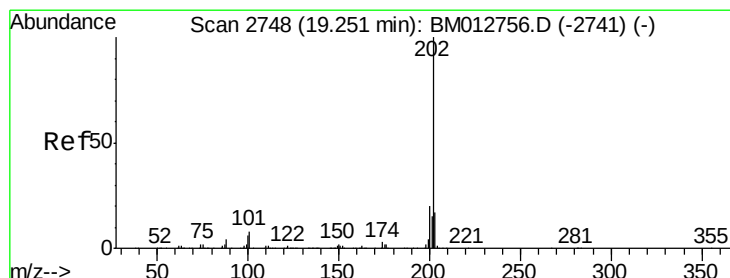
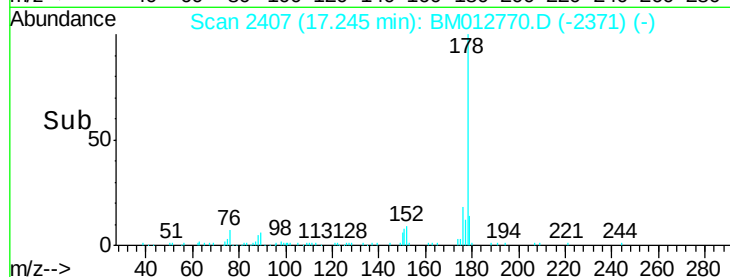
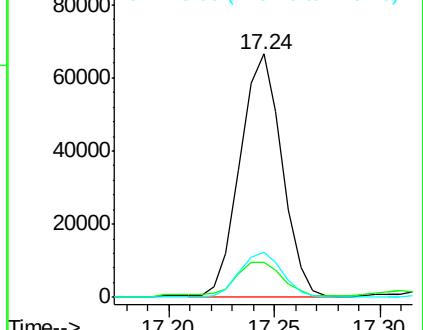
176 18.4 15.6 23.4



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



#76

Fluoranthene

Concen: 3.066 ng/ul

RT: 19.26 min Scan# 2749

Delta R.T. 0.01 min

Lab File: BM012770.D

Acq: 06 Nov 2017 09:57

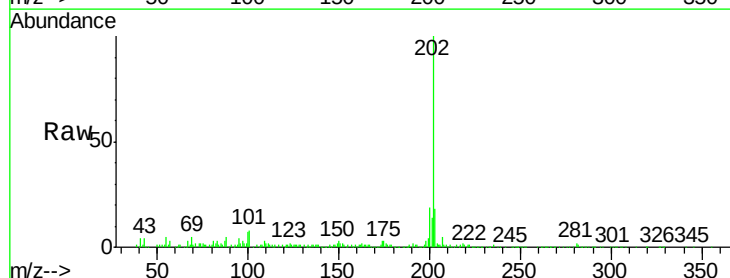
Tgt Ion:202 Resp: 190324

Ion Ratio Lower Upper

202 100

101 7.7 8.8 13.2#

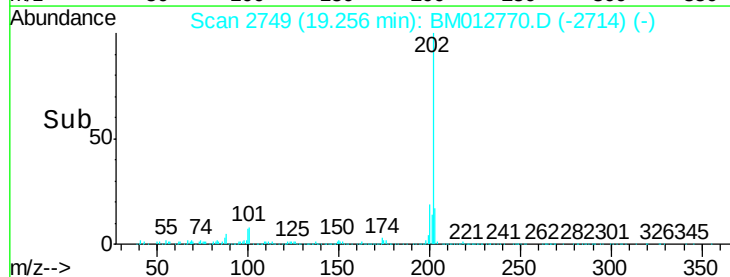
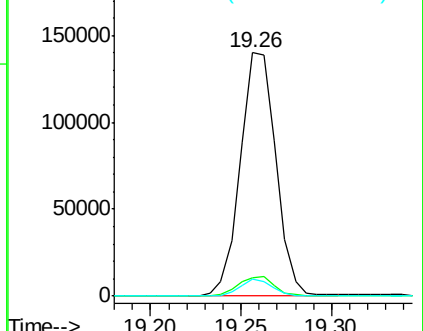
100 6.9 6.6 9.8

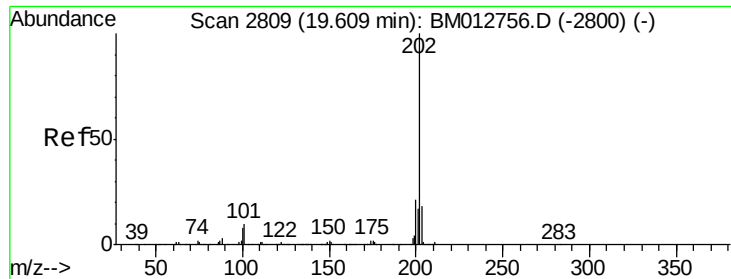


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 3.521 ng/ul

RT: 19.62 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BM012770.D

Acq: 06 Nov 2017 09:57

Instrument :

BNA_M

ClientSampleId :

B-5(0.5-1.5)-101317

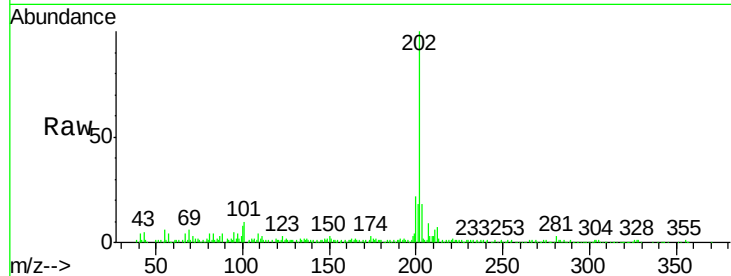
Tgt Ion:202 Resp: 164935

Ion Ratio Lower Upper

202 100

101 9.7 10.2 15.2#

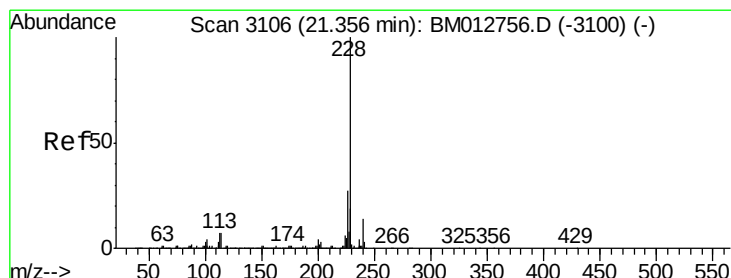
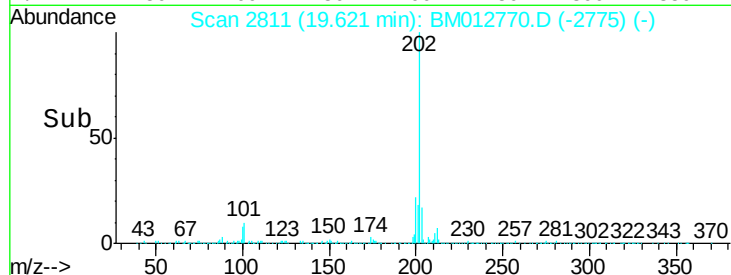
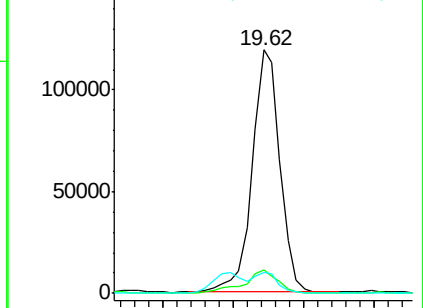
100 8.4 8.5 12.7#



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



#82

Benzo(a)anthracene

Concen: 1.925 ng/ul

RT: 21.37 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM012770.D

Acq: 06 Nov 2017 09:57

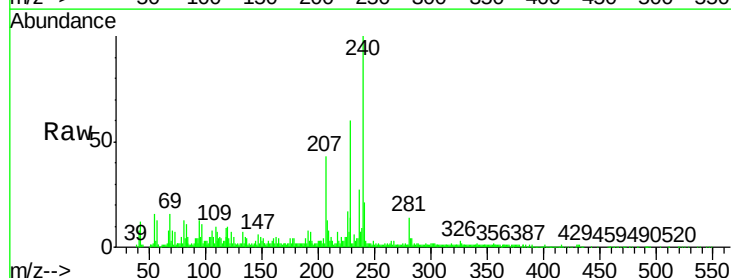
Tgt Ion:228 Resp: 91468

Ion Ratio Lower Upper

228 100

229 22.8 15.7 23.5

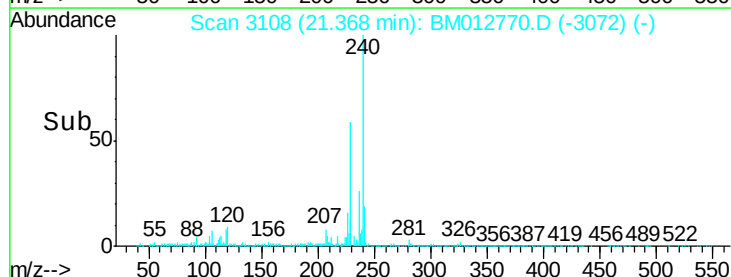
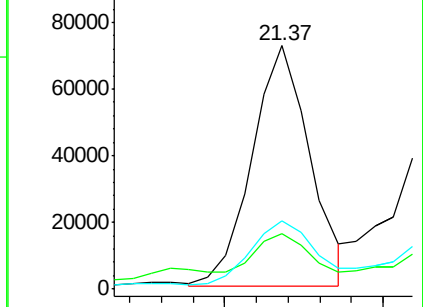
226 28.2 21.8 32.6

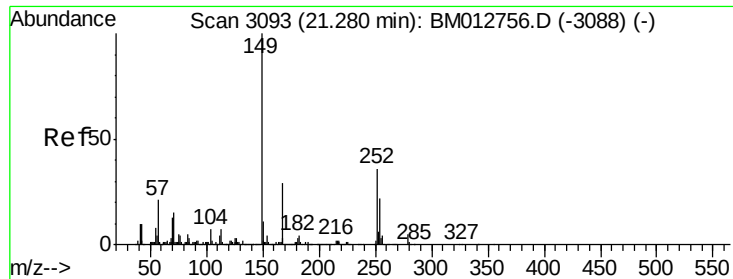


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

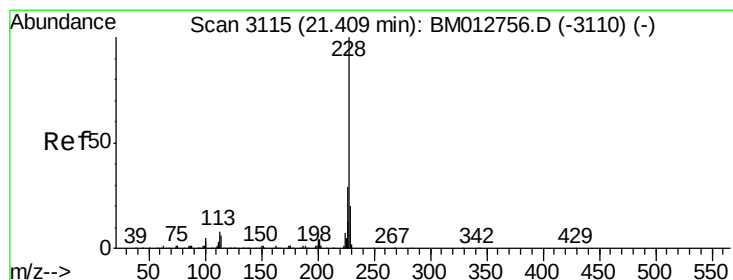
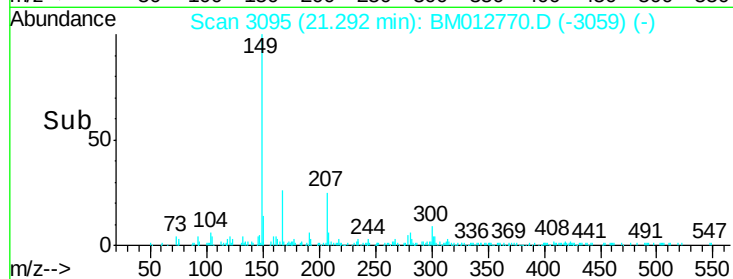
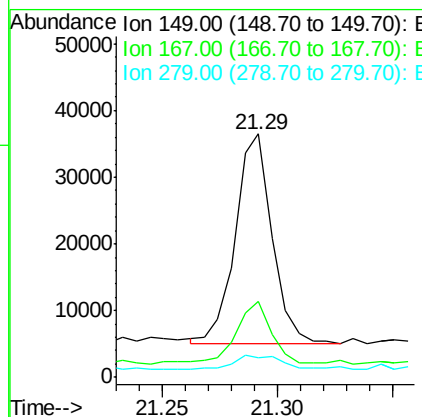
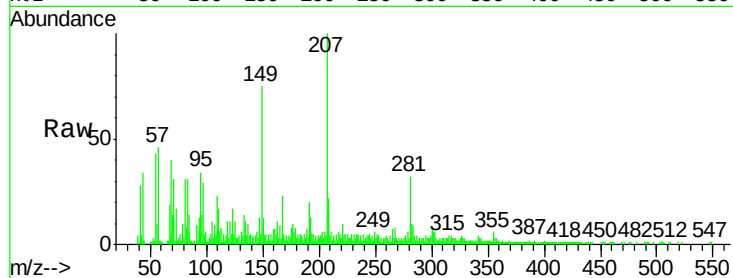




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.409 ng/ul
 RT: 21.29 min Scan# 3095
 Delta R.T. 0.01 min
 Lab File: BM012770.D
 Acq: 06 Nov 2017 09:57

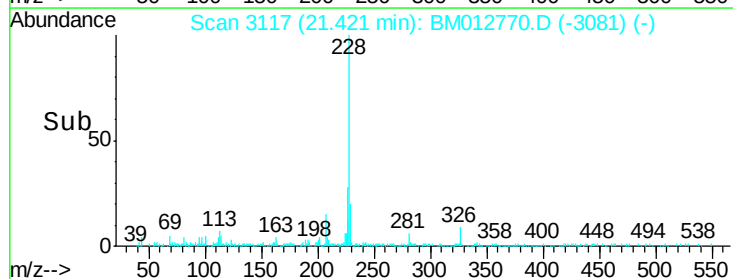
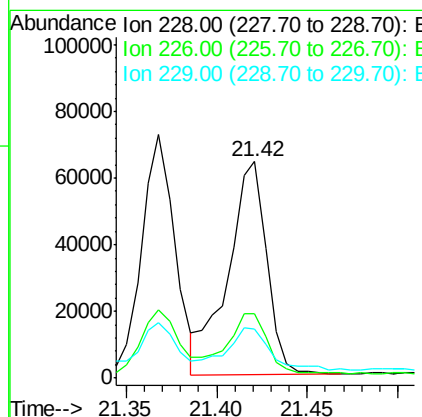
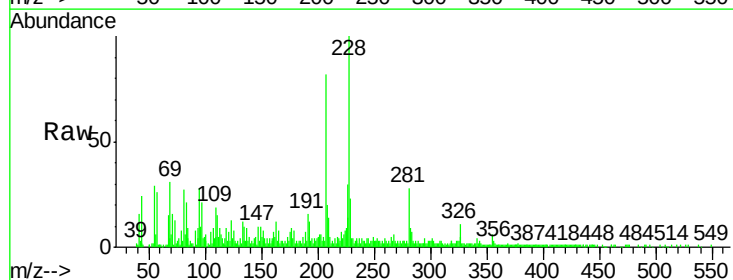
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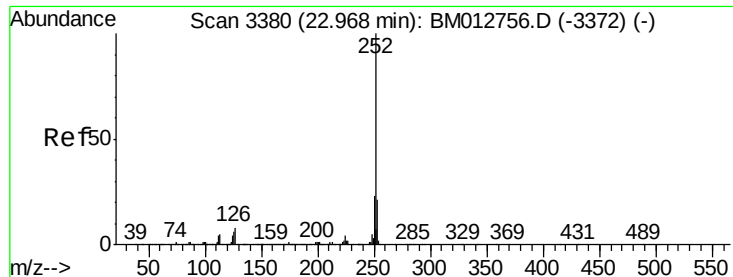
Tgt Ion:149 Resp: 35075
 Ion Ratio Lower Upper
 149 100
 167 31.0 21.6 32.4
 279 7.9 3.0 4.4#



#84
 Chrysene
 Concen: 2.210 ng/ul
 RT: 21.42 min Scan# 3117
 Delta R.T. 0.01 min
 Lab File: BM012770.D
 Acq: 06 Nov 2017 09:57

Tgt Ion:228 Resp: 95181
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.0 36.0
 229 22.9 15.6 23.4





#87

Benzo(b)fluoranthene

Concen: 2.599 ng/ul

RT: 22.99 min Scan# 3383

Delta R.T. 0.02 min

Lab File: BM012770.D

Acq: 06 Nov 2017 09:57

Instrument :

BNA_M

ClientSampleId :

B-5(0.5-1.5)-101317

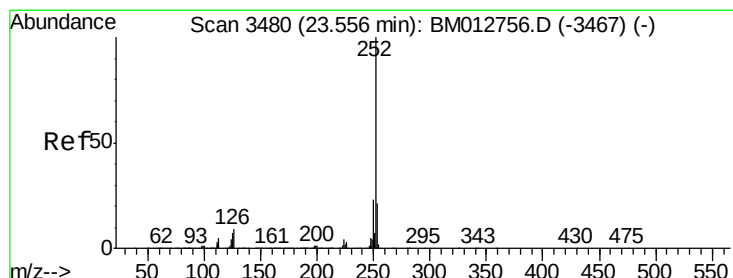
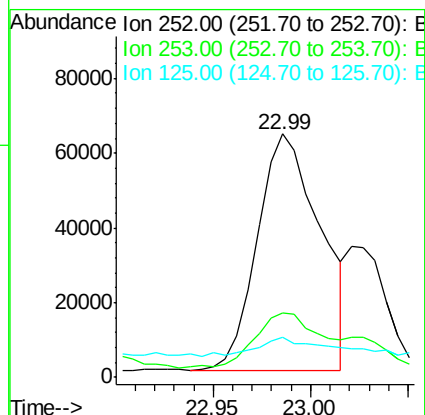
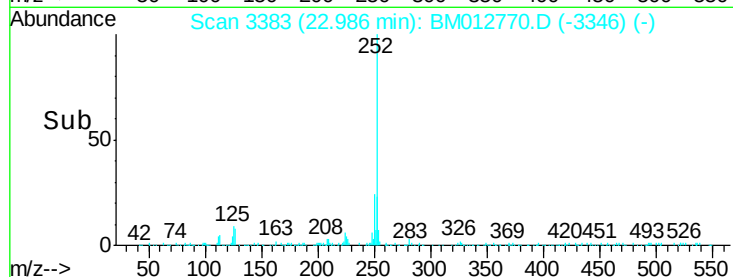
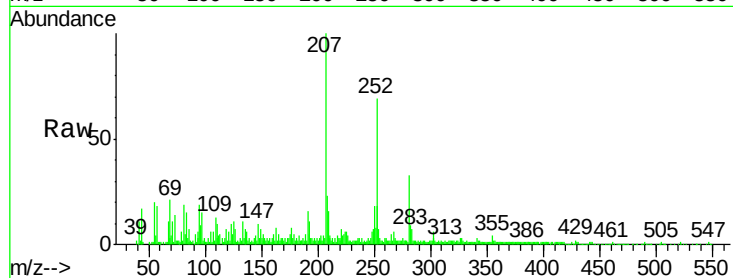
Tgt Ion:252 Resp: 142742

Ion Ratio Lower Upper

252 100

253 26.7 17.5 26.3#

125 16.5 8.5 12.7#



#90

Benzo(a)pyrene

Concen: 1.877 ng/ul

RT: 23.57 min Scan# 3483

Delta R.T. 0.02 min

Lab File: BM012770.D

Acq: 06 Nov 2017 09:57

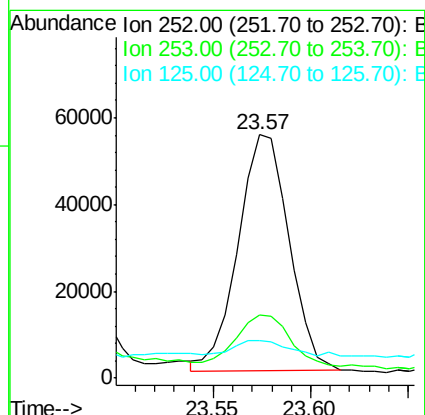
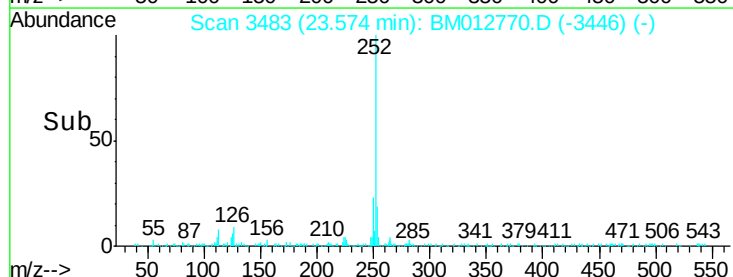
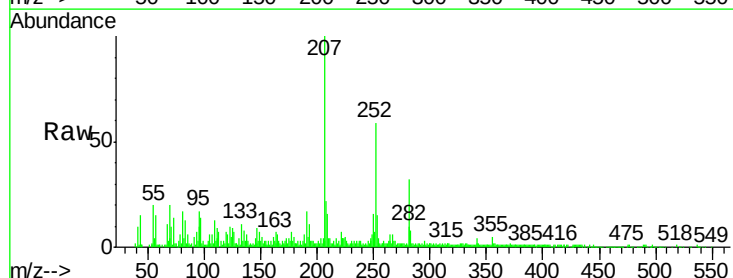
Tgt Ion:252 Resp: 98118

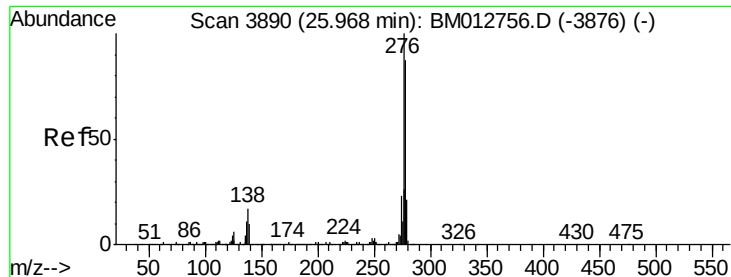
Ion Ratio Lower Upper

252 100

253 25.8 17.2 25.8

125 15.7 9.0 13.6#





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.313 ng/ul

RT: 26.00 min Scan# 3895

Delta R.T. 0.03 min

Lab File: BM012770.D

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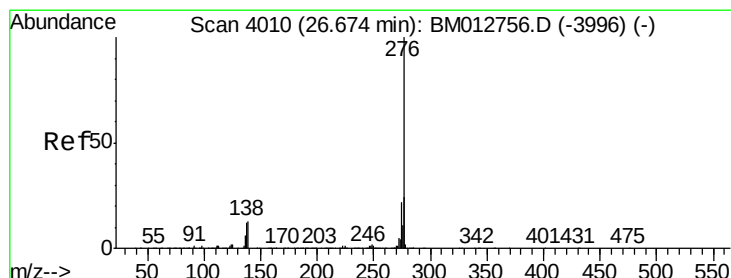
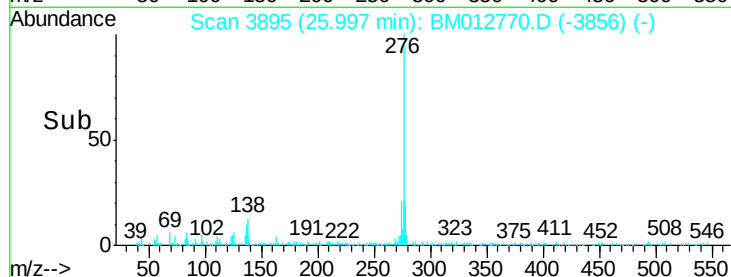
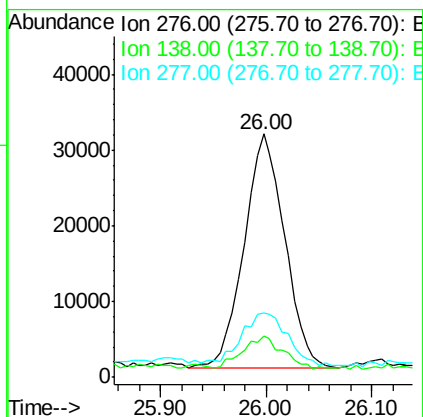
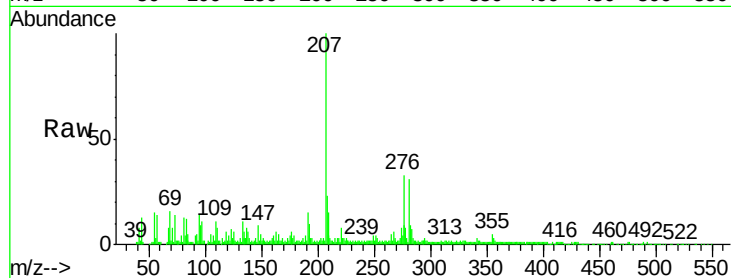
Tgt Ion:276 Resp: 82698

Ion Ratio Lower Upper

276 100

138 17.0 22.3 33.5#

277 26.3 20.2 30.2



#93

Benzo(g,h,i)perylene

Concen: 1.438 ng/ul

RT: 26.71 min Scan# 4016

Delta R.T. 0.04 min

Lab File: BM012770.D

Acq: 06 Nov 2017 09:57

Tgt Ion:276 Resp: 74654

Ion Ratio Lower Upper

276 100

138 18.9 18.9 28.3

277 28.2 19.2 28.8

