

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
 Data File : BM011996.D
 Acq On : 09 Oct 2017 02:50
 Operator : SJ/JU
 Sample : I5722-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-32

Quant Time: Oct 09 04:40:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 03:46:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	223229	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	998974	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	640825	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1552144	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1883256	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1860715	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	29494	6.25	ng/uL	0.00
5) Phenol-d5	7.01	99	184725	9.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	432027	38.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	509587	33.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	361413	21.77	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	301466	42.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	352954	44.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	633835	39.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	28145	1.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	2261913	40.73	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2730016	41.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	89144	9.19	ng/ul	0.02
57) Fluorene-d10	15.49	176	1945235	39.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	373226	35.74	ng/ul	0.00
70) Anthracene-d10	17.34	188	3168307	41.42	ng/ul	0.00
76) Pyrene-d10	19.63	212	3842151	45.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	3749691	41.89	ng/ul	0.00

Target Compounds

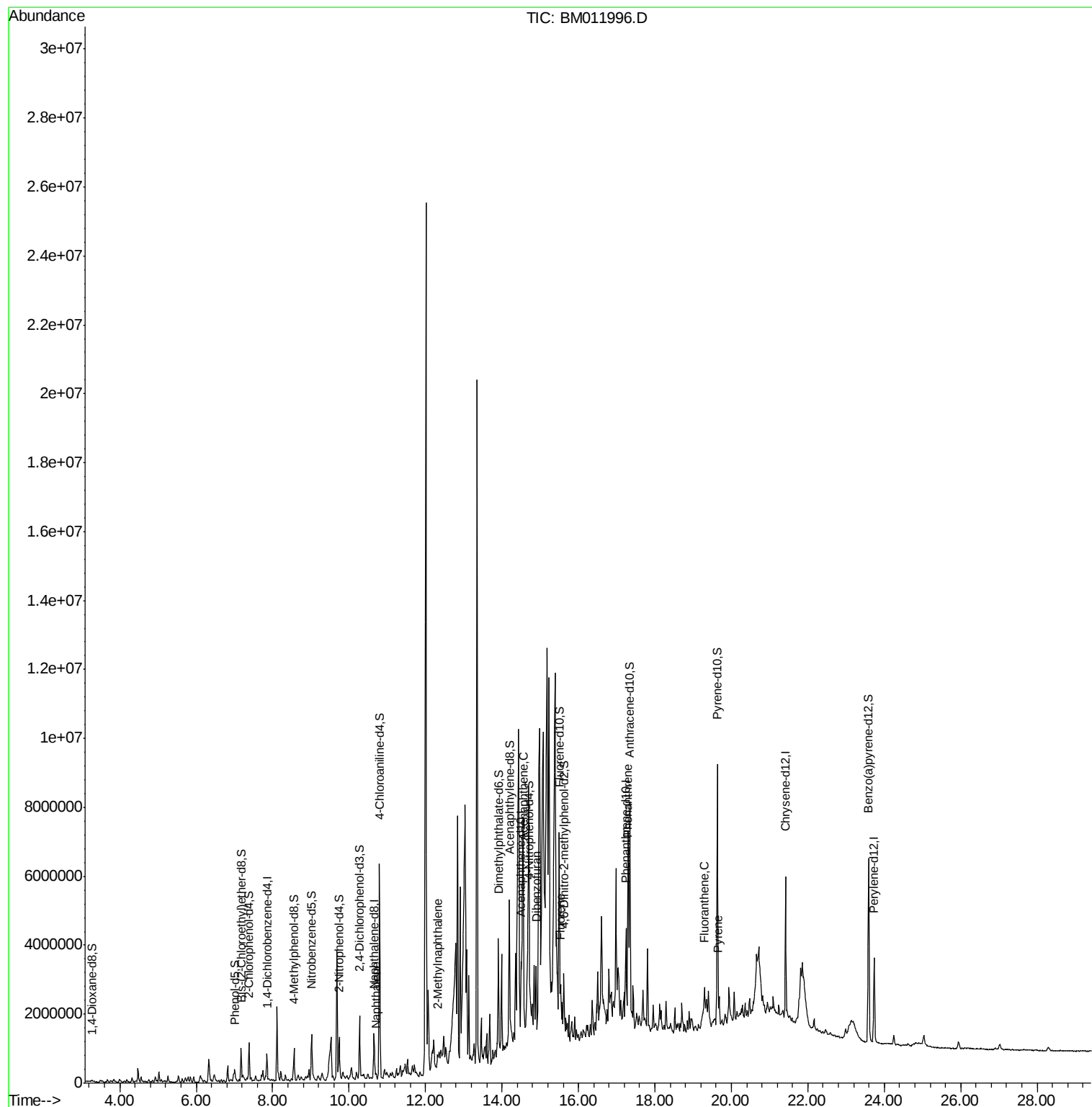
					Ovalue	
28) Naphthalene	10.70	128	82761	1.652	ng/ul#	94
34) 2-Methylnaphthalene	12.32	142	66722	1.746	ng/ul	94
49) Acenaphthene	14.56	153	443809	10.135	ng/ul#	84
53) Dibenzofuran	14.89	168	305843	4.812	ng/ul	92
58) Fluorene	15.54	166	303014	5.709	ng/ul	92
69) Phenanthrene	17.29	178	761600	8.920	ng/ul	98
74) Fluoranthene	19.30	202	306906	2.946	ng/ul#	81
77) Pvrene	19.66	202	197082	1.887	ng/ul#	85

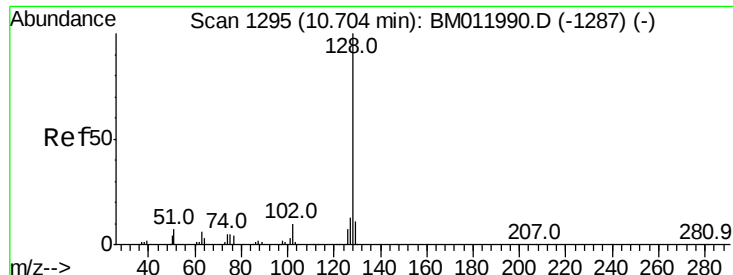
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1.652 ng/ul

RT: 10.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BM011996.D

Acq: 09 Oct 2017 02:50

Instrument :

BNA_M

ClientSampleId :

TWP-B-32

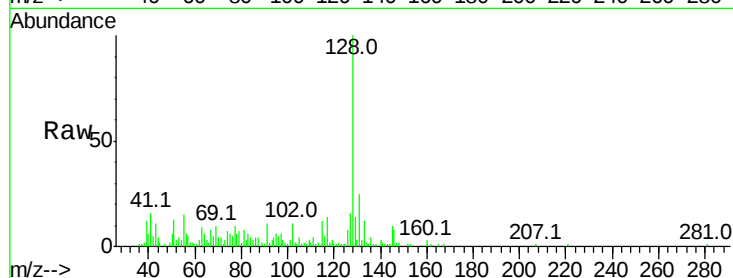
Tot Ion:128 Resp: 82761

Ion Ratio Lower Upper

128 100

129 13.6 8.8 13.2#

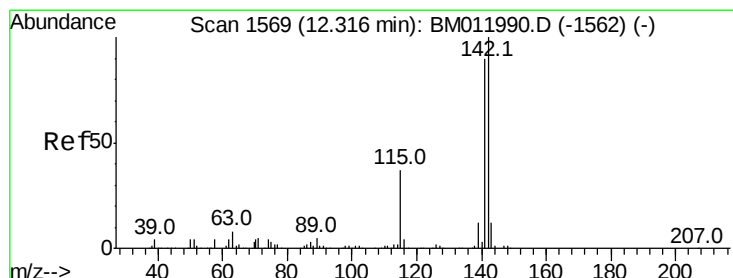
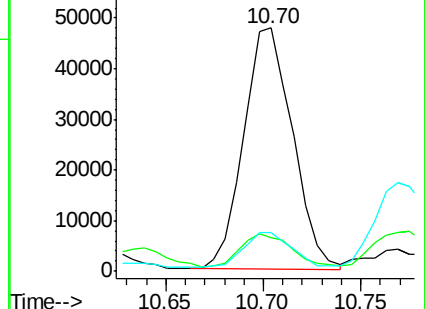
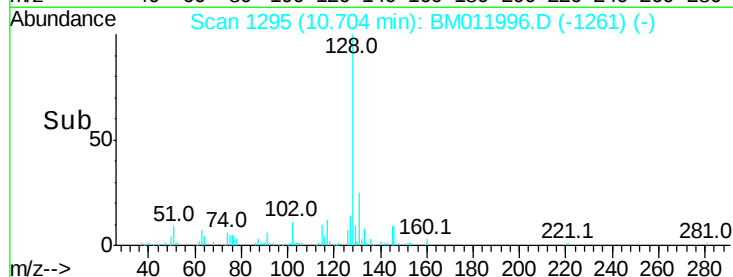
127 15.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 1.746 ng/ul

RT: 12.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BM011996.D

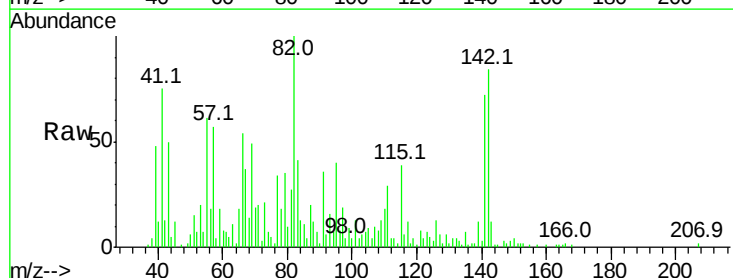
Acq: 09 Oct 2017 02:50

Tgt Ion:142 Resp: 66722

Ion Ratio Lower Upper

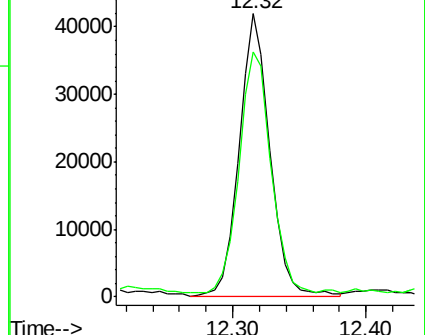
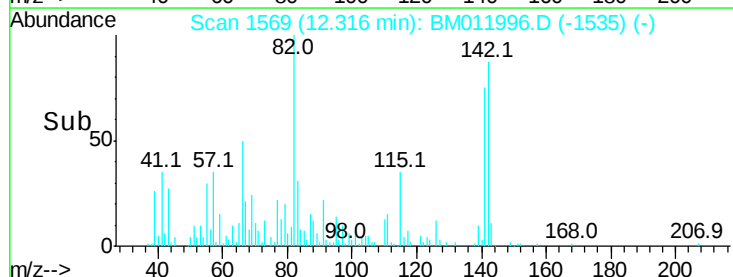
142 100

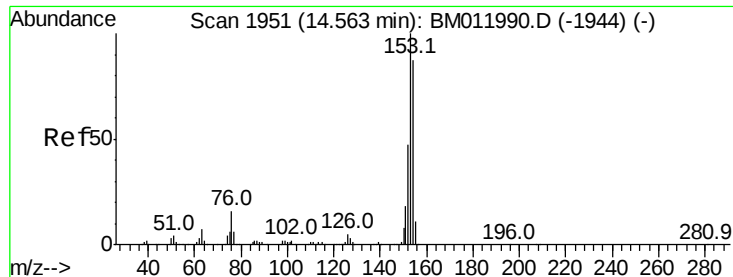
141 86.5 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#49

Acenaphthene

Concen: 10.135 ng/ul

RT: 14.56 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BM011996.D

Acq: 09 Oct 2017 02:50

Instrument :

BNA_M

ClientSampleId :

TWP-B-32

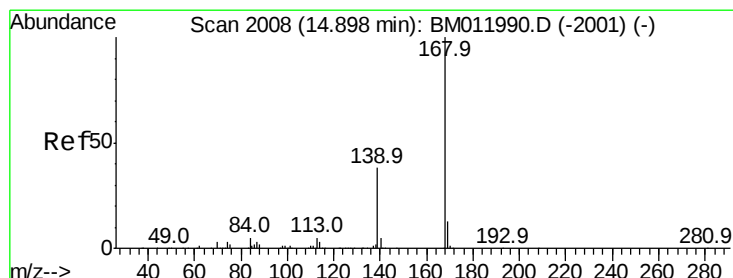
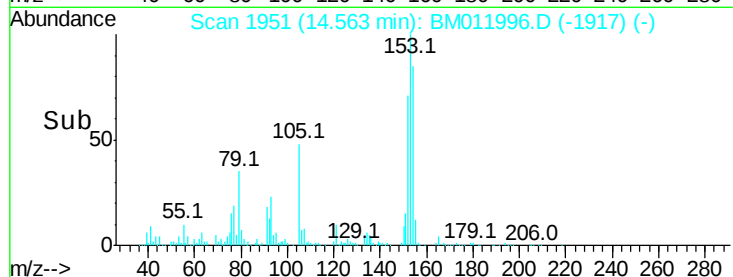
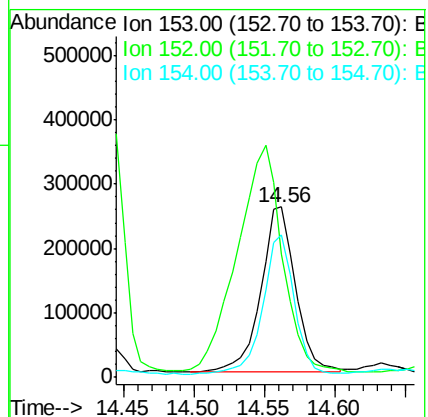
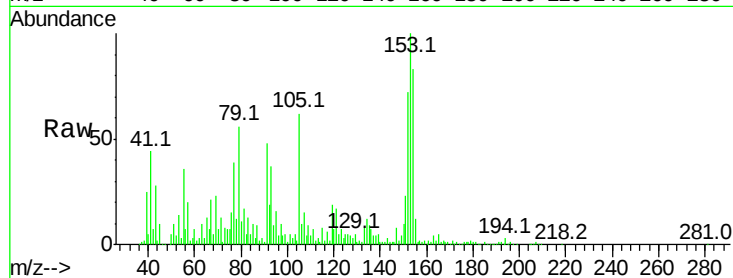
Tot Ion:153 Resp: 443809

Ion Ratio Lower Upper

153 100

152 72.0 37.6 56.4#

154 83.4 70.4 105.6



#53

Dibenzofuran

Concen: 4.812 ng/ul

RT: 14.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BM011996.D

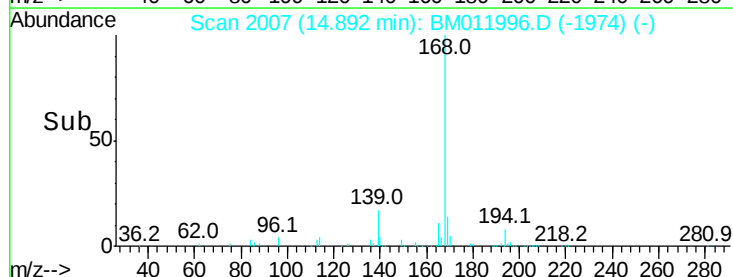
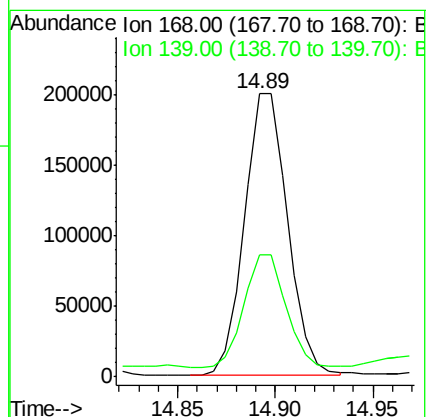
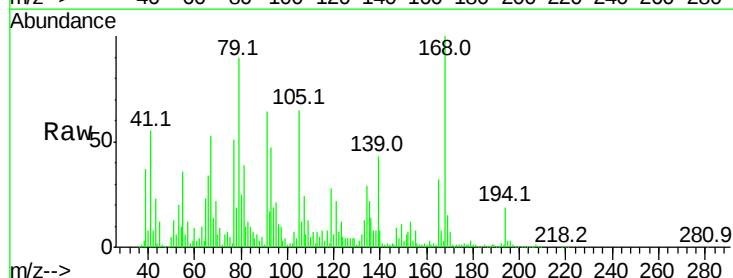
Acq: 09 Oct 2017 02:50

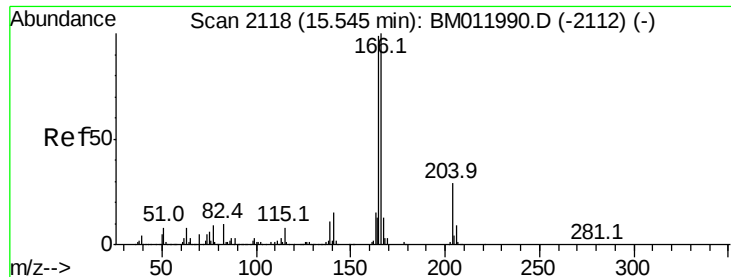
Tgt Ion:168 Resp: 305843

Ion Ratio Lower Upper

168 100

139 43.1 30.8 46.2





#58

Fluorene

Concen: 5.709 ng/ul

RT: 15.54 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BM011996.D

Acq: 09 Oct 2017 02:50

Instrument :

BNA_M

ClientSampleId :

TWP-B-32

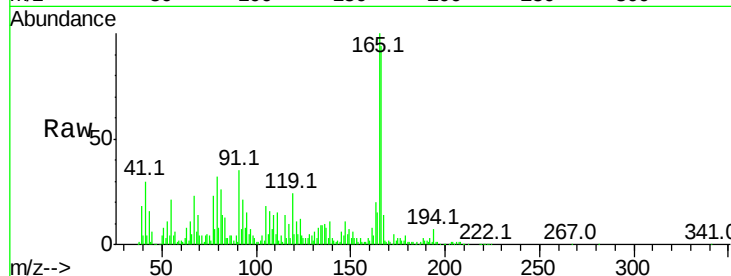
Tot Ion:166 Resp: 303014

Ion Ratio Lower Upper

166 100

165 106.3 77.9 116.9

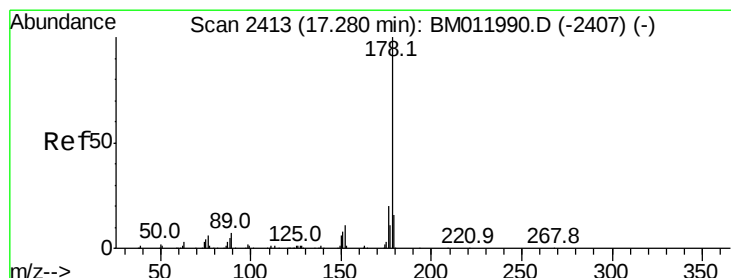
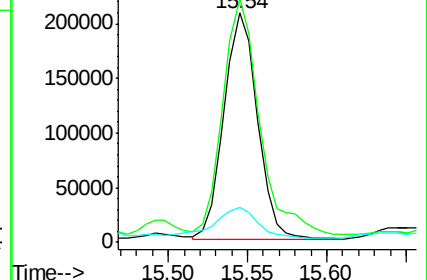
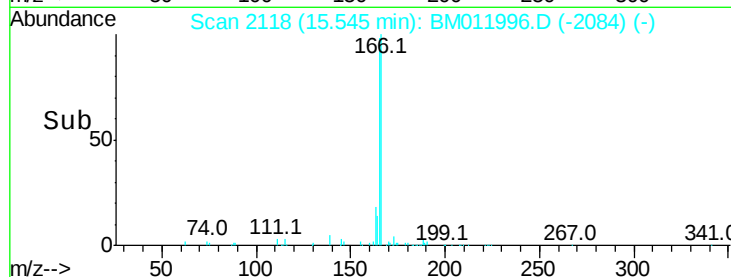
167 15.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 8.920 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BM011996.D

Acq: 09 Oct 2017 02:50

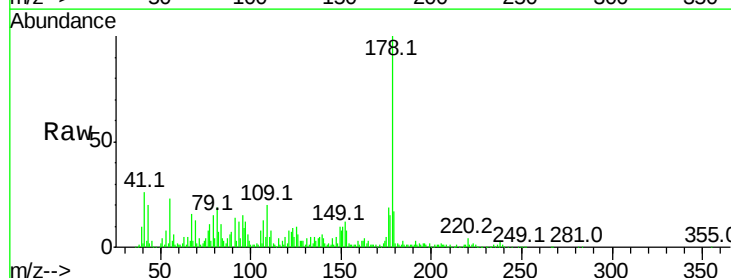
Tgt Ion:178 Resp: 761600

Ion Ratio Lower Upper

178 100

179 16.8 12.6 19.0

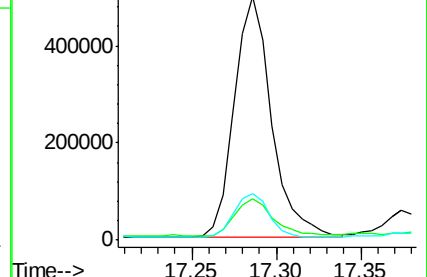
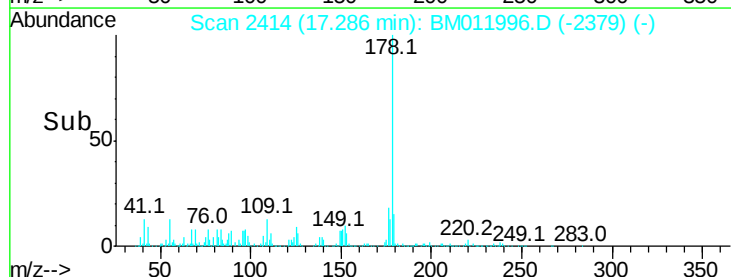
176 19.0 14.9 22.3

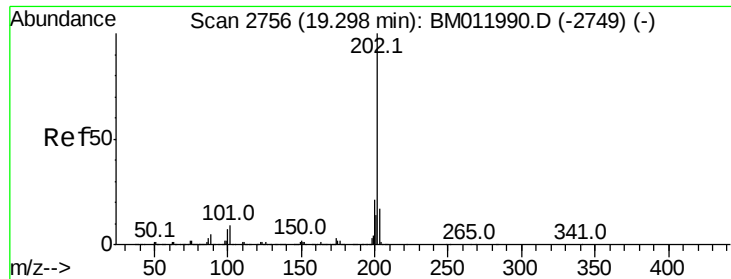


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.946 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. -0.00 min

Lab File: BM011996.D

Acq: 09 Oct 2017 02:50

Instrument :

BNA_M

ClientSampleId :

TWP-B-32

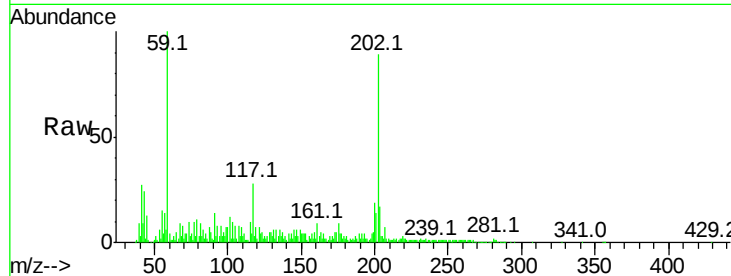
Tot Ion:202 Resp: 306906

Ion Ratio Lower Upper

202 100

101 13.7 4.6 7.0#

100 8.3 3.4 5.2#

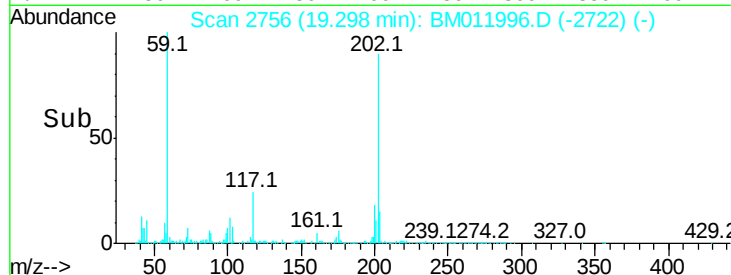


Abundance Ion 202.00 (201.70 to 202.70): E

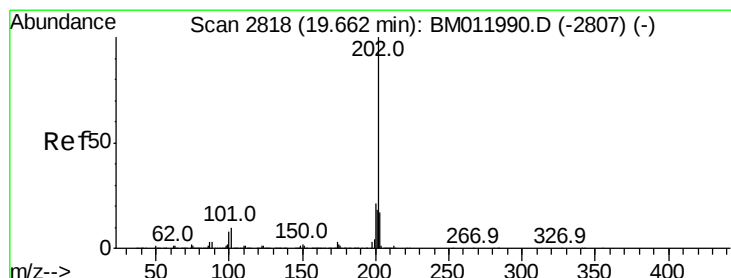
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



Time-->



#77

Pyrene

Concen: 1.887 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM011996.D

Acq: 09 Oct 2017 02:50

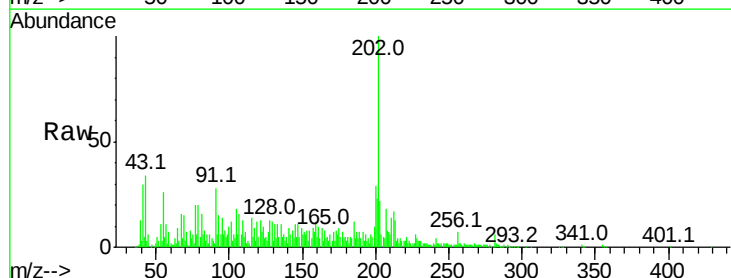
Tgt Ion:202 Resp: 197082

Ion Ratio Lower Upper

202 100

101 12.4 5.1 7.7#

100 10.2 4.9 7.3#

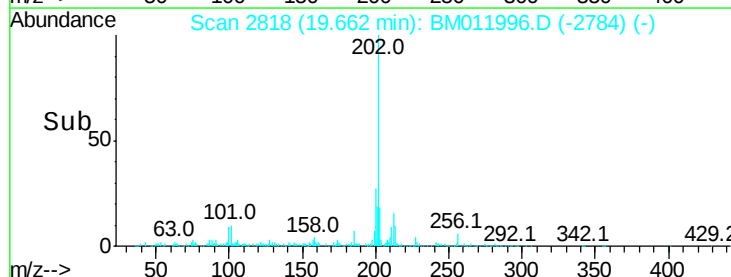


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



Time-->