

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012843.D
 Acq On : 09 Nov 2017 08:31
 Operator : SJ/JU
 Sample : I6096-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 09 10:09:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	151668	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	637442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	390727	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	853465	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	690061	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	760780	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5116	1.82	ng/uL	0.00
5) Phenol-d5	6.98	99	121355	10.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	60686	9.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	98445	10.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	96995	9.96	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	46825	9.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	59670	11.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	124576	11.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	118786	11.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	452372	13.99	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	436139	10.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	89828	17.34	ng/ul	0.00
57) Fluorene-d10	15.44	176	364471	13.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	13968	2.48	ng/ul	0.00
70) Anthracene-d10	17.29	188	778652	18.88	ng/ul	0.00
78) Pyrene-d10	19.59	212	904568	28.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	933186	25.94	ng/ul	0.01

Target Compounds

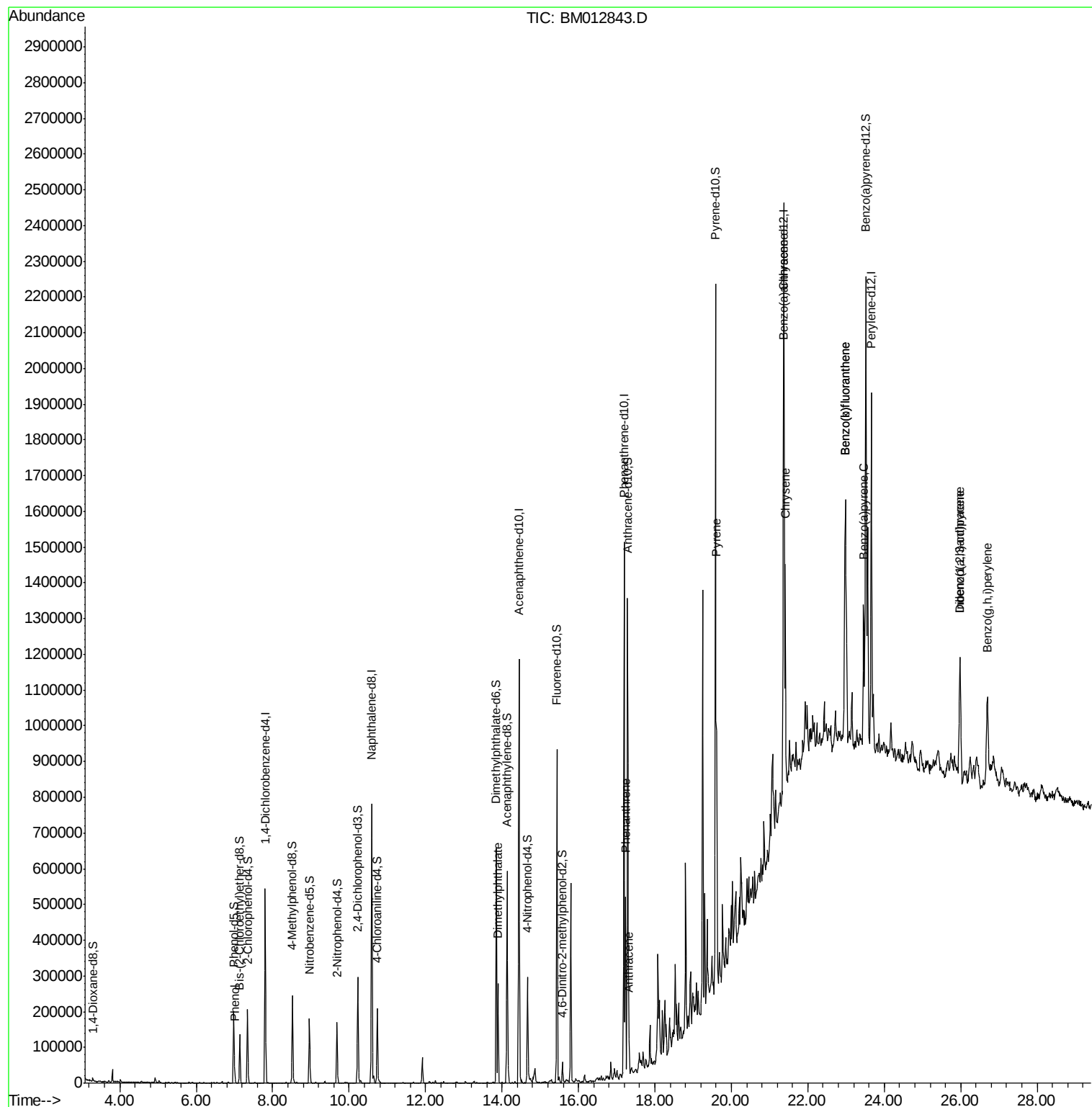
					Ovalue	
6) Phenol	7.01	94	12610	1.089	ng/ul#	91
44) Dimethylphthalate	13.90	163	180153	5.615	ng/ul	98
69) Phenanthrene	17.23	178	305205	6.543	ng/ul	99
71) Anthracene	17.32	178	67055	1.386	ng/ul	99
79) Pyrene	19.62	202	659194	16.011	ng/ul#	92
82) Benzo(a)anthracene	21.36	228	362481	8.681	ng/ul	96
84) Chrysene	21.41	228	368682	9.742	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	589597	12.682	ng/ul#	95
88) Benzo(k)fluoranthene	22.97	252	589597	13.342	ng/ul	95
90) Benzo(a)pyrene	23.46	252	318574	7.201	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.98	276	354936	6.657	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.98	278	92982	2.060	ng/ul#	88
93) Benzo(g,h,i)perylene	26.69	276	317854	7.235	ng/ul#	90

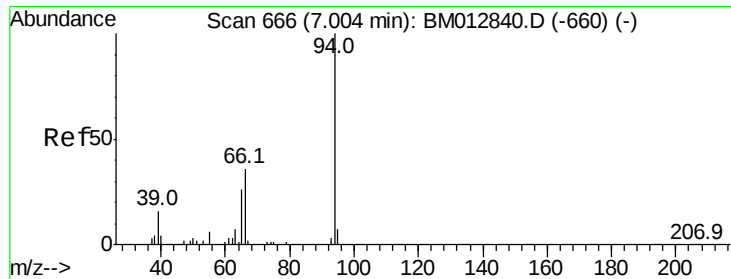
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012843.D
Acq On : 09 Nov 2017 08:31
Operator : SJ/JU
Sample : I6096-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 09 10:09:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.089 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

ClientSampled :

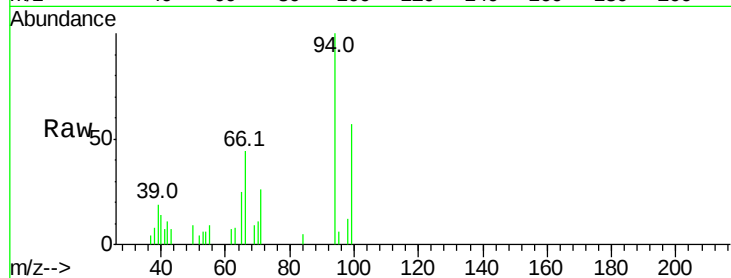
Tot Ion: 94 Resp: 12610

Ion Ratio Lower Upper

94 100

65 24.9 21.0 31.6

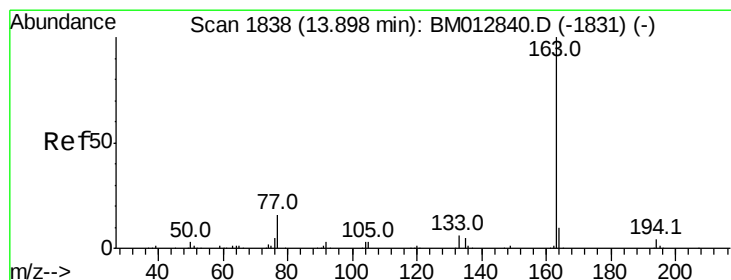
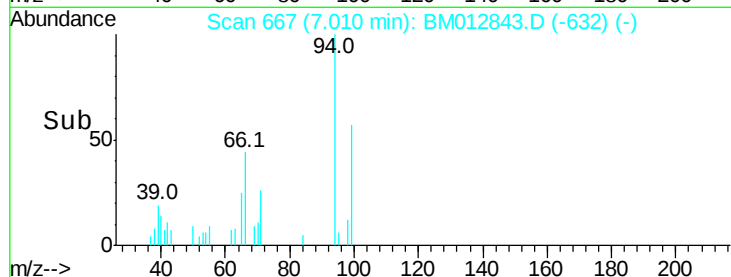
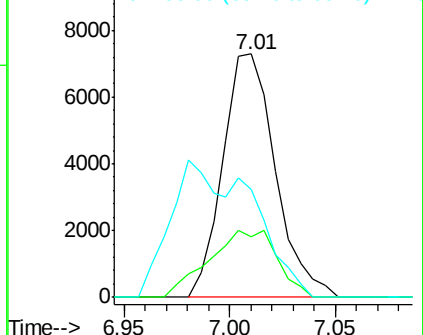
66 44.1 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM012840.D (-660) (-)

Ion 65.00 (64.70 to 65.70): BM012840.D (-660) (-)

Ion 66.00 (65.70 to 66.70): BM012840.D (-660) (-)



#44

Dimethylphthalate

Concen: 5.615 ng/ul

RT: 13.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

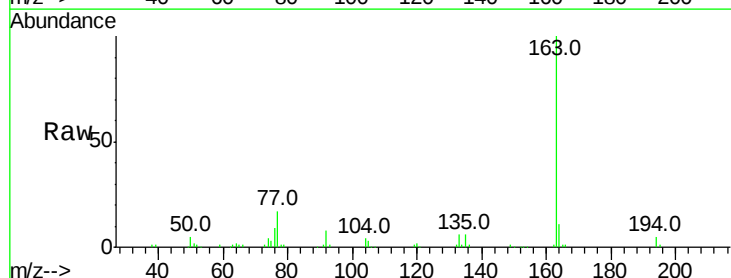
Tgt Ion: 163 Resp: 180153

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

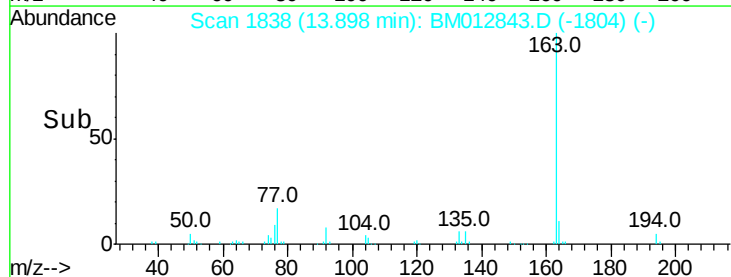
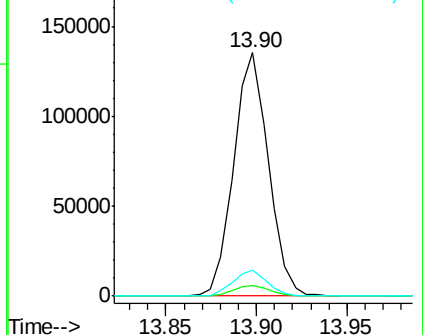
164 10.7 7.8 11.8

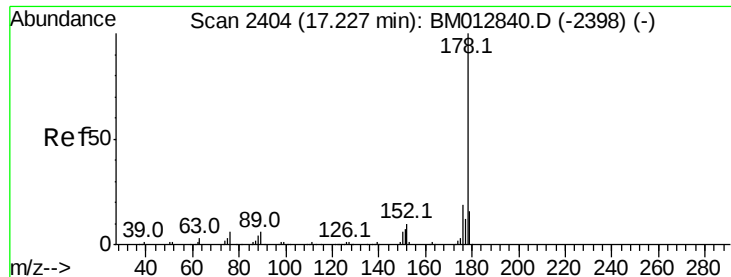


Abundance Ion 163.00 (162.70 to 163.70): BM012840.D (-1831) (-)

Ion 194.00 (193.70 to 194.70): BM012840.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BM012840.D (-1831) (-)





#69

Phenanthrene

Concen: 6.543 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

ClientSampleId :

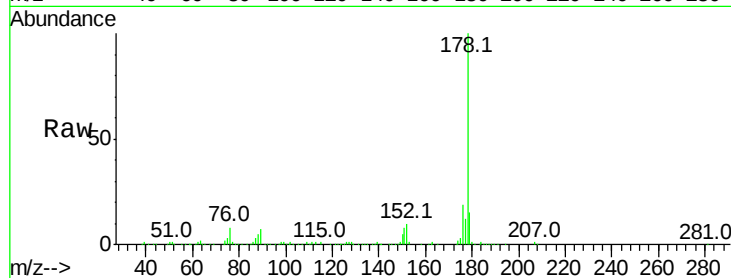
Tot Ion:178 Resp: 305205

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.2	15.6	23.4

178 100

179 15.5 12.2 18.4

176 19.2 15.6 23.4

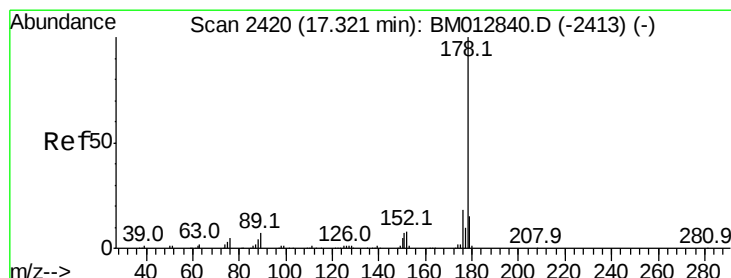
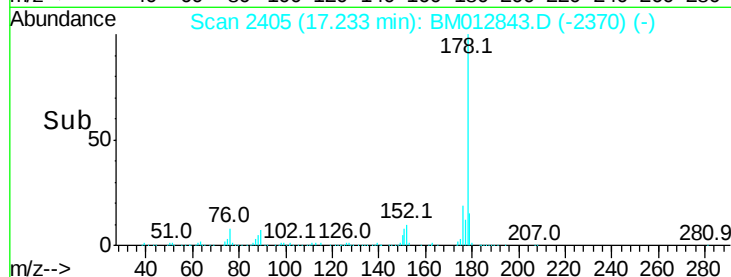
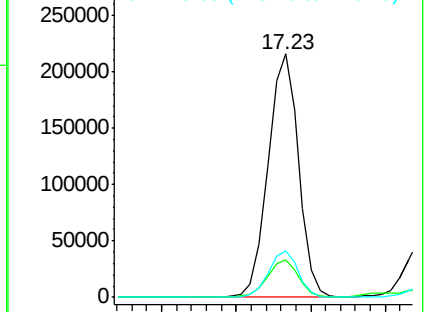


Abundance

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



#71

Anthracene

Concen: 1.386 ng/ul

RT: 17.32 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

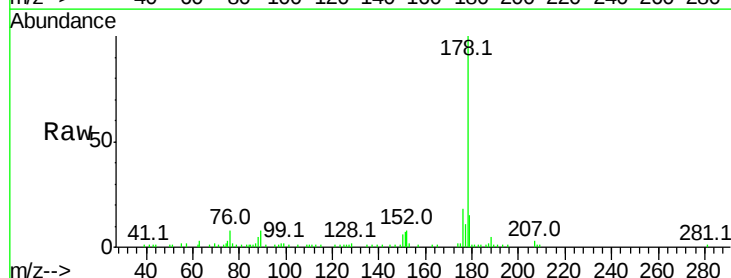
Tgt Ion:178 Resp: 67055

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.1	18.1
176	17.9	14.8	22.2

178 100

179 14.8 12.1 18.1

176 17.9 14.8 22.2

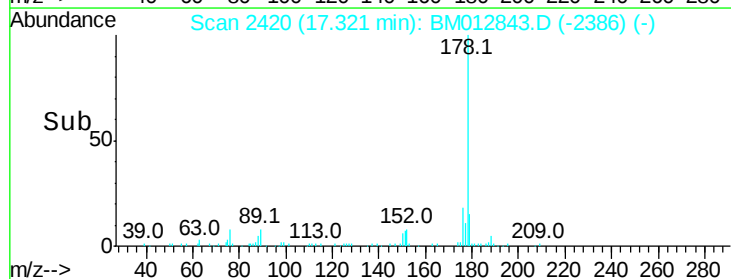
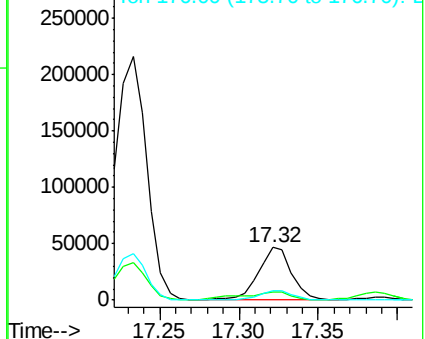


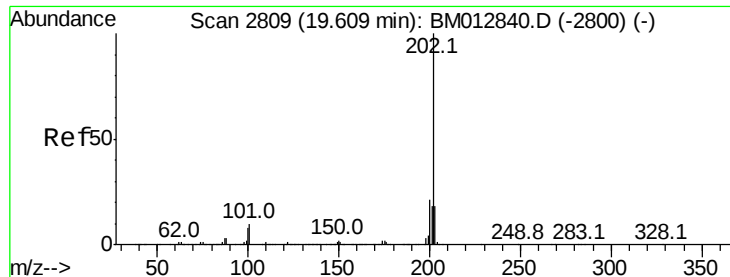
Abundance

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





#79

Pvrene

Concen: 16.011 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

ClientSampleId :

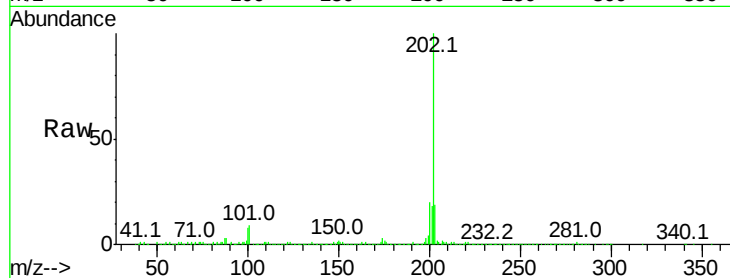
Tot Ion:202 Resp: 659194

Ion Ratio Lower Upper

202 100

101 9.2 10.2 15.2#

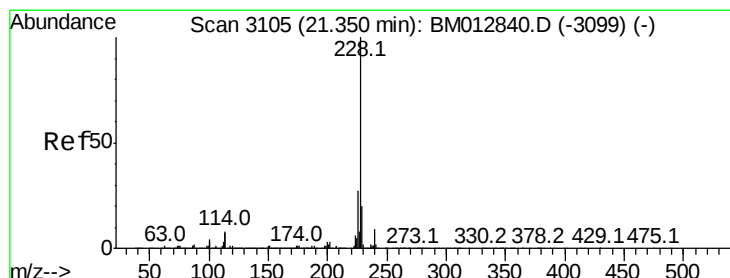
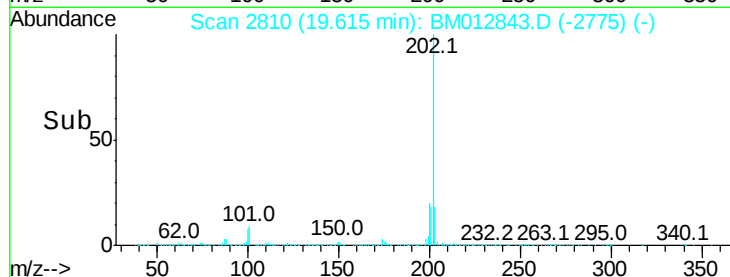
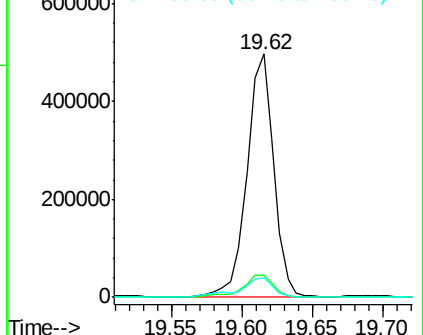
100 7.9 8.5 12.7#



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: 8.681 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

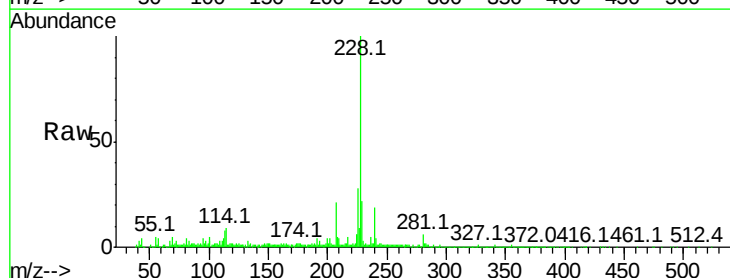
Tgt Ion:228 Resp: 362481

Ion Ratio Lower Upper

228 100

229 22.2 15.7 23.5

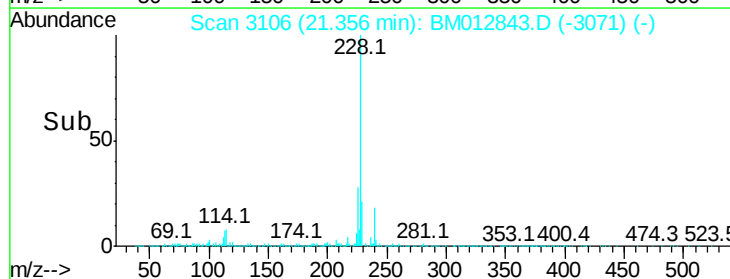
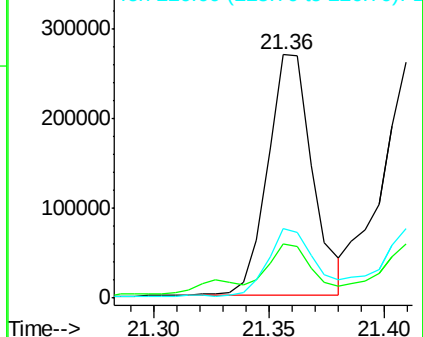
226 28.5 21.8 32.6

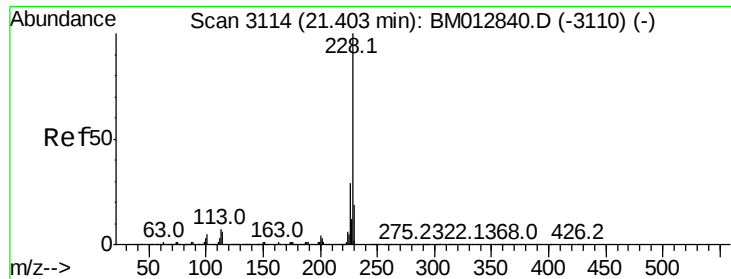


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 9.742 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

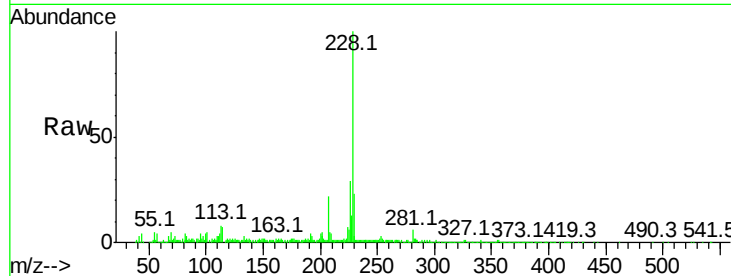
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 368682

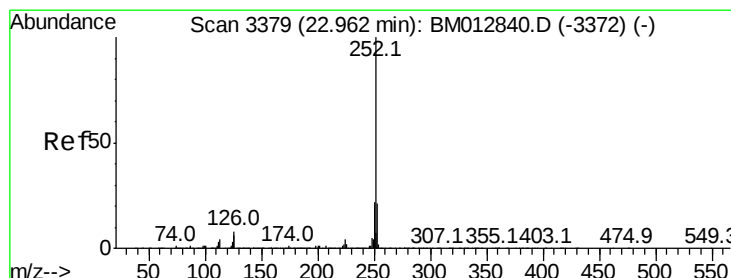
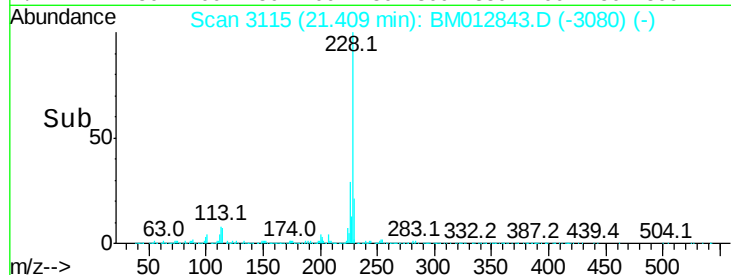
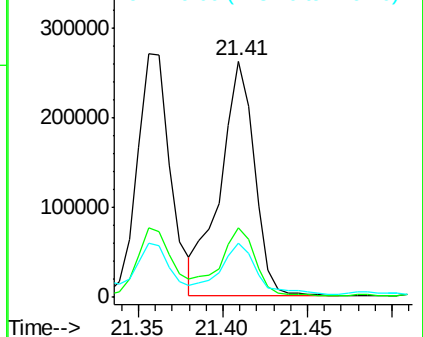
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	22.8	15.6	23.4



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



#87

Benzo(b)fluoranthene

Concen: 12.682 ng/ul

RT: 22.97 min Scan# 3381

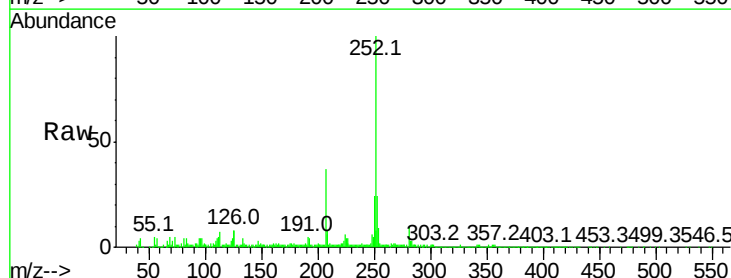
Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Tgt Ion:252 Resp: 589597

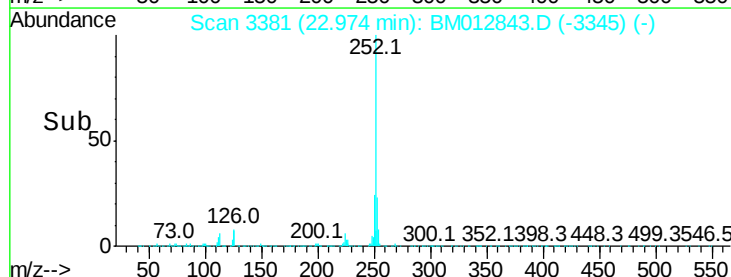
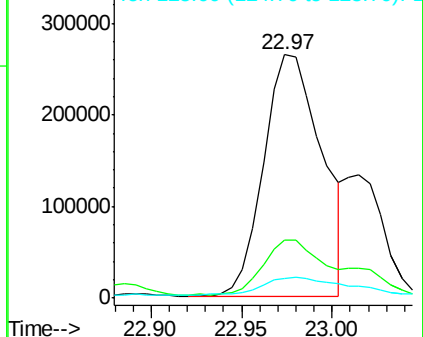
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	8.2	8.5	12.7#

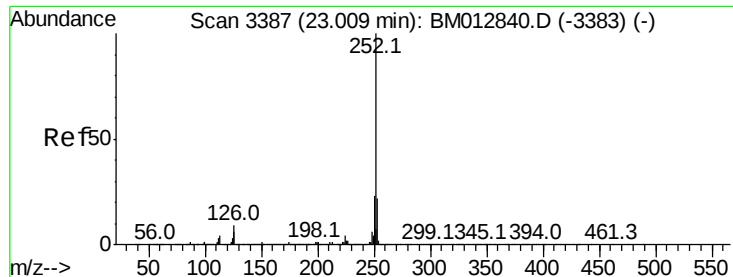


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 13.342 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BM012843.D

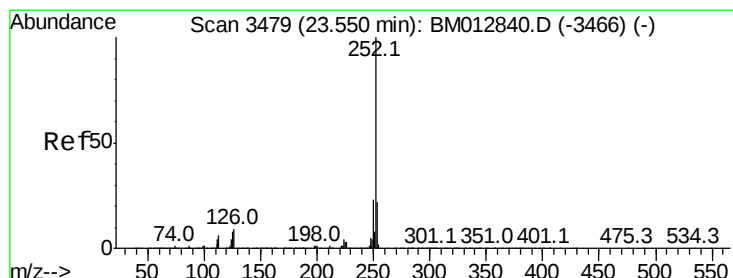
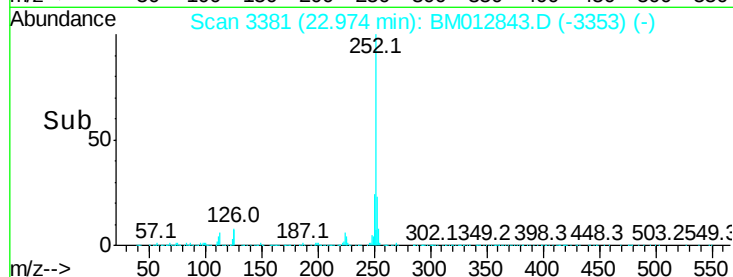
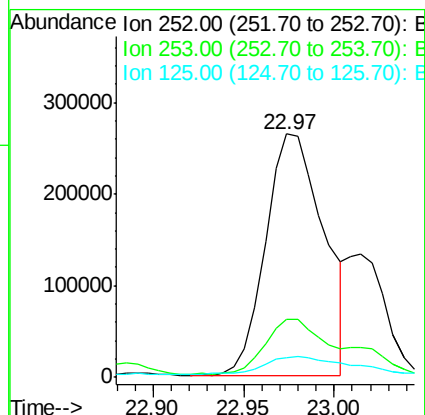
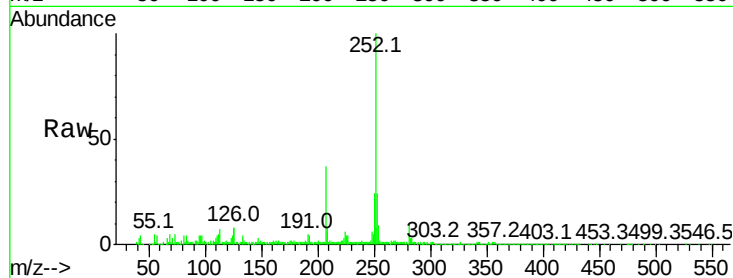
Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	589597
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	8.2	8.2	12.2



#90

Benzo(a)pyrene

Concen: 7.201 ng/ul

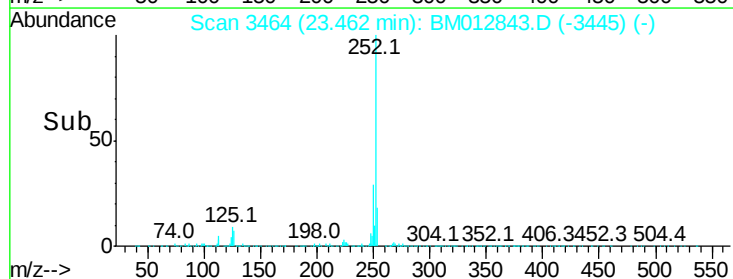
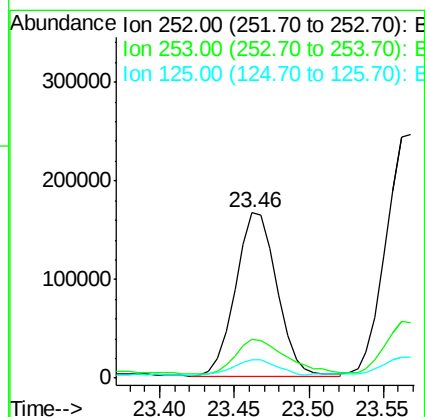
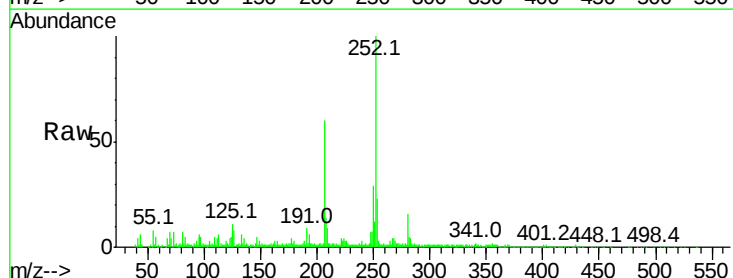
RT: 23.46 min Scan# 3464

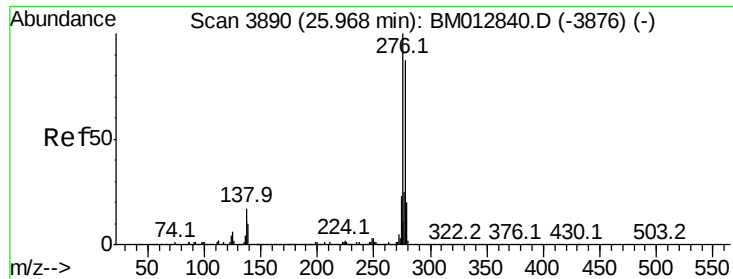
Delta R.T. -0.09 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Tgt Ion:	252	Resp:	318574
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	11.5	9.0	13.6



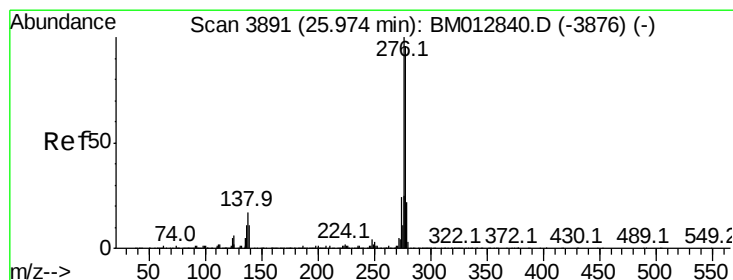
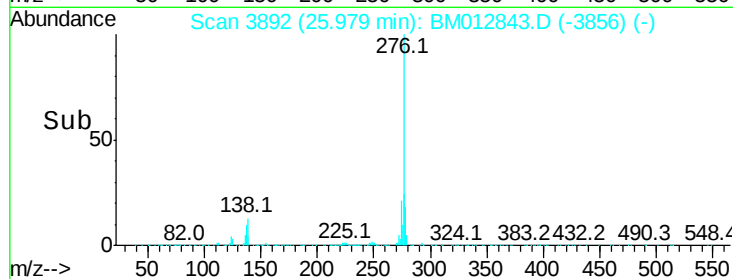
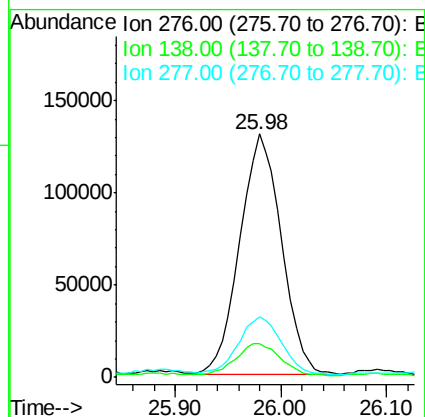
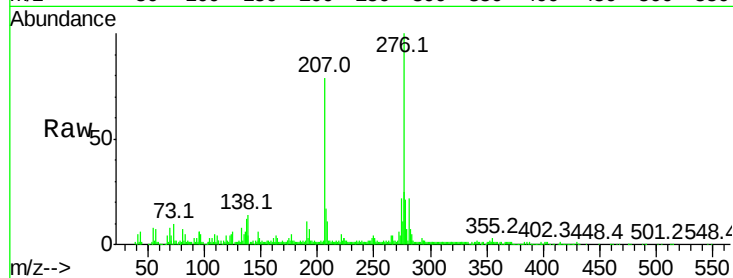


#91

Indeno(1,2,3-cd)pyrene
Concen: 6.657 ng/ul
RT: 25.98 min Scan# 3892
Delta R.T. 0.01 min
Lab File: BM012843.D
Acq: 09 Nov 2017 08:31

Instrument :
BNA_M
ClientSampleId :

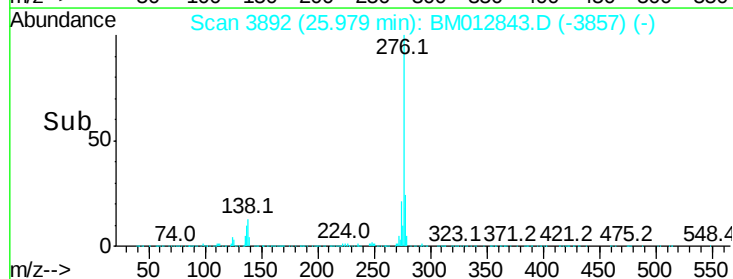
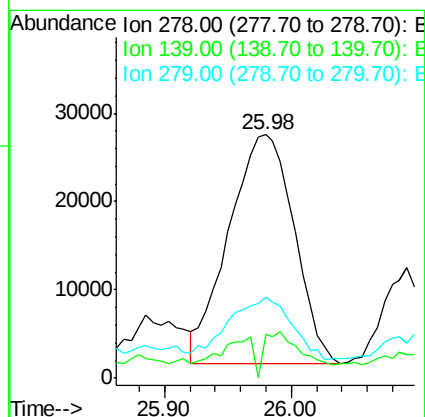
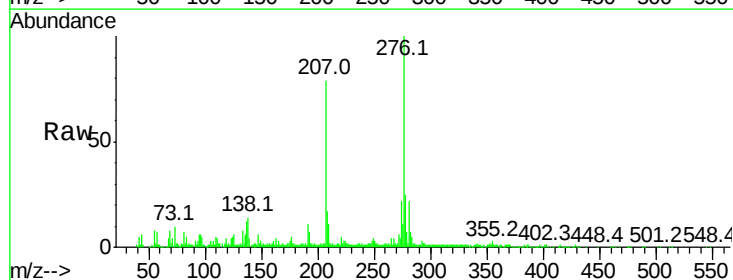
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.7	22.3	33.5#
277	25.0	20.2	30.2

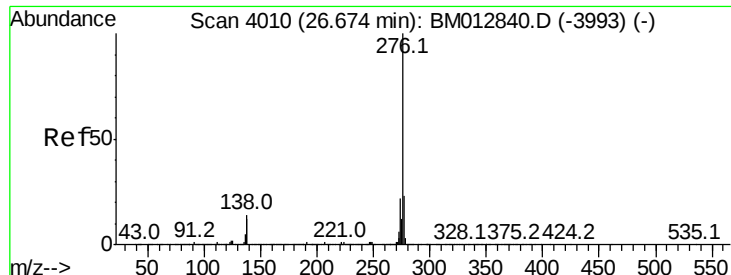


#92

Dibenzo(a,h)anthracene
Concen: 2.060 ng/ul
RT: 25.98 min Scan# 3892
Delta R.T. 0.01 min
Lab File: BM012843.D
Acq: 09 Nov 2017 08:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.9	20.9
279	33.1	19.0	28.4#





#93

Benzo(a,h,i)perylene

Concen: 7.235 ng/ul

RT: 26.69 min Scan# 4013

Delta R.T. 0.02 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

ClientSampleId :

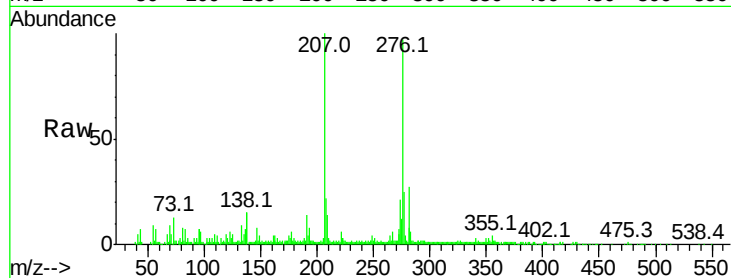
Tot Ion:276 Resp: 317854

Ion Ratio Lower Upper

276 100

138 14.9 18.9 28.3#

277 25.4 19.2 28.8



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

