

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121517\
 Data File : BM013458.D
 Acq On : 16 Dec 2017 02:53
 Operator : SJ/JU
 Sample : I6779-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A97

Quant Time: Dec 16 04:49:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	219571	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	978289	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	611828	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1432406	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1403040	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1108937	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	21725	4.90	ng/uL	0.00
5) Phenol-d5	6.85	99	561656	29.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	336603	31.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	440328	29.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	487760	30.05	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	247273	31.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	271036	32.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	510810	29.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	635096	40.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1878999	34.51	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2226609	33.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	284758	30.10	ng/ul	0.00
57) Fluorene-d10	15.32	176	1551314	33.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	229821	25.50	ng/ul	0.00
70) Anthracene-d10	17.17	188	2493008	34.75	ng/ul	0.00
76) Pyrene-d10	19.46	212	2768454	39.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	2030753	35.95	ng/ul	0.00

Target Compounds

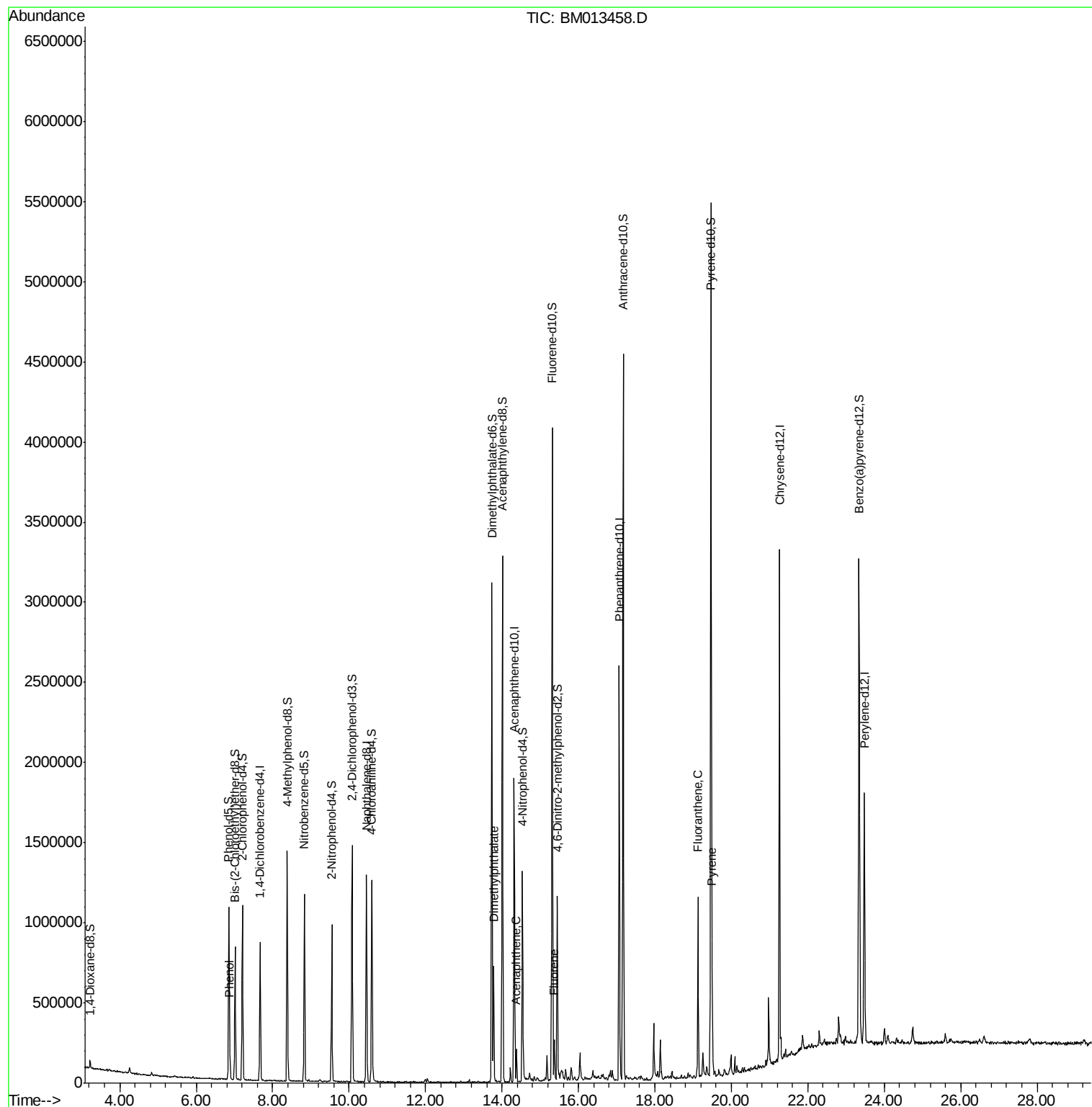
					Ovalue	
6) Phenol	6.88	94	58302	3.104	ng/ul	87
44) Dimethylphthalate	13.78	163	407285	7.821	ng/ul	100
49) Acenaphthene	14.38	153	76245	1.800	ng/ul	97
58) Fluorene	15.37	166	96904	1.873	ng/ul	98
74) Fluoranthene	19.13	202	648339	6.501	ng/ul#	92
77) Pyrene	19.49	202	470217	5.516	ng/ul#	93

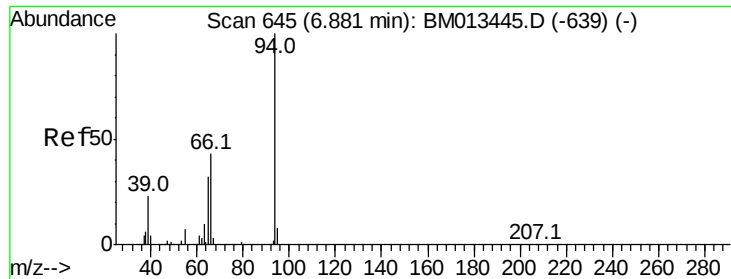
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.104 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013458.D

Acq: 16 Dec 2017 02:53

Instrument :

BNA_M

ClientSampleId :

F9A97

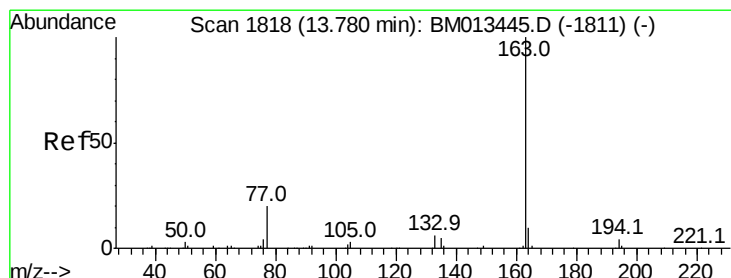
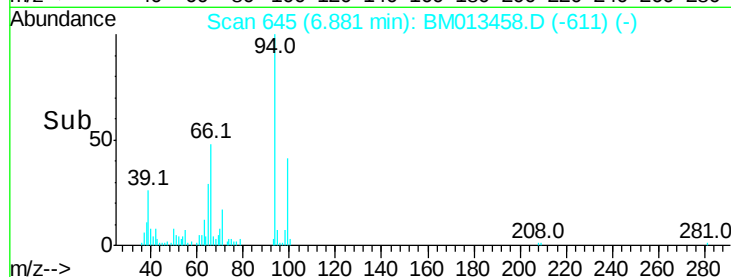
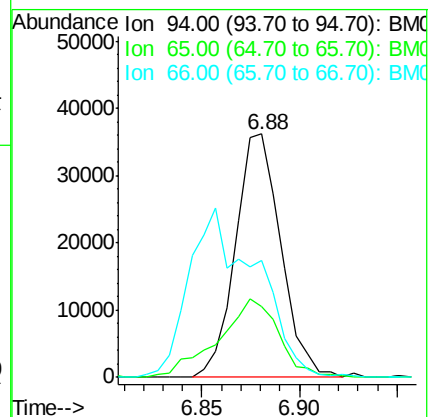
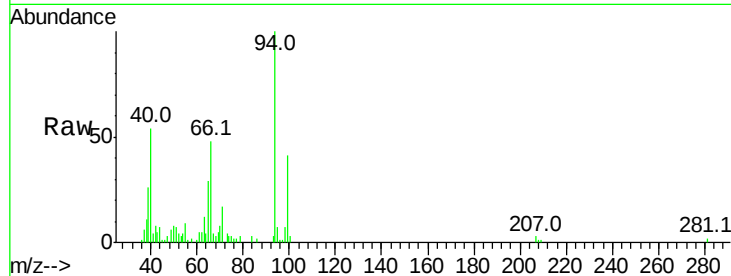
Tot Ion: 94 Resp: 58302

Ion Ratio Lower Upper

94 100

65 29.3 28.2 42.4

66 48.1 47.2 70.8



#44

Dimethylphthalate

Concen: 7.821 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013458.D

Acq: 16 Dec 2017 02:53

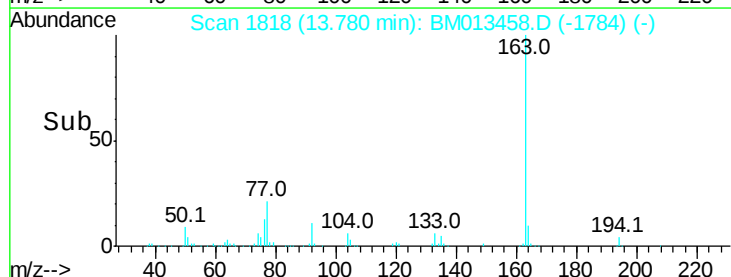
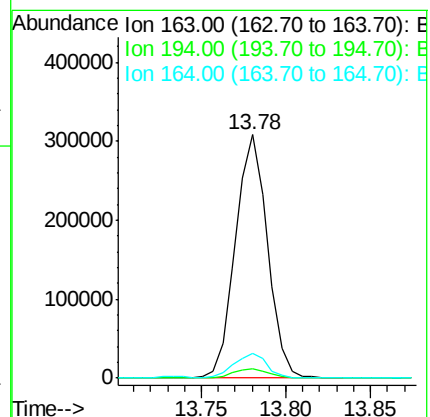
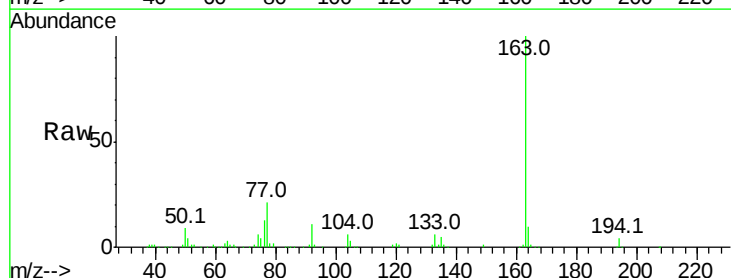
Tgt Ion: 163 Resp: 407285

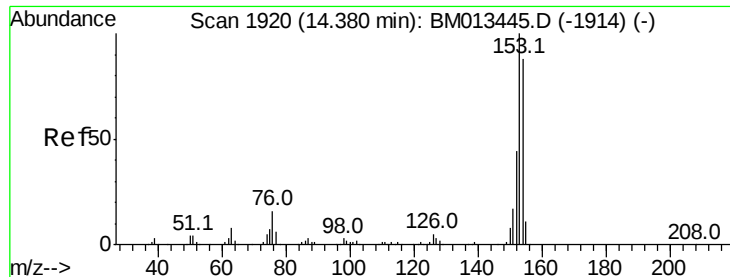
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.4 8.2 12.4





#49

Acenaphthene

Concen: 1.800 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM013458.D

Acq: 16 Dec 2017 02:53

Instrument :

BNA_M

ClientSampleId :

F9A97

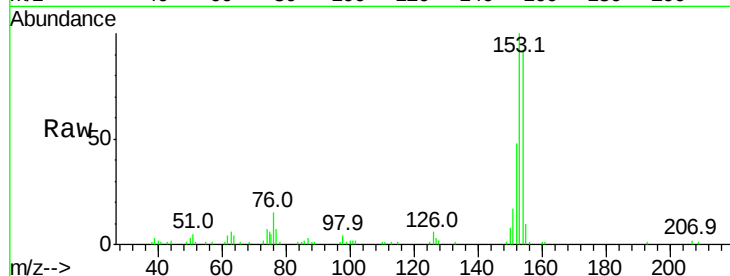
Tot Ion:153 Resp: 76245

Ion Ratio Lower Upper

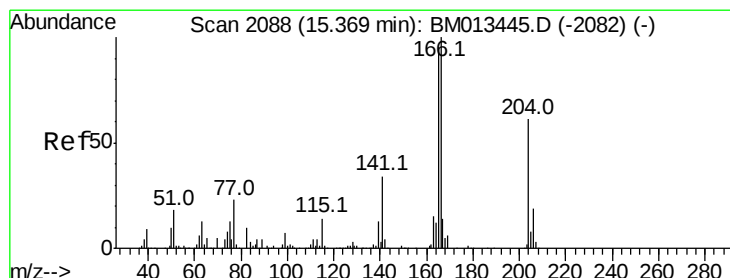
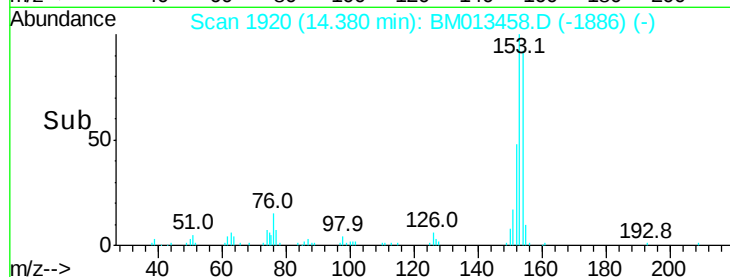
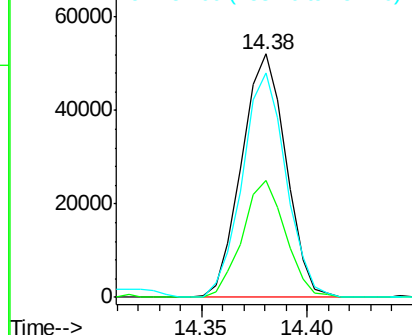
153 100

152 47.8 37.6 56.4

154 92.2 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 1.873 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BM013458.D

Acq: 16 Dec 2017 02:53

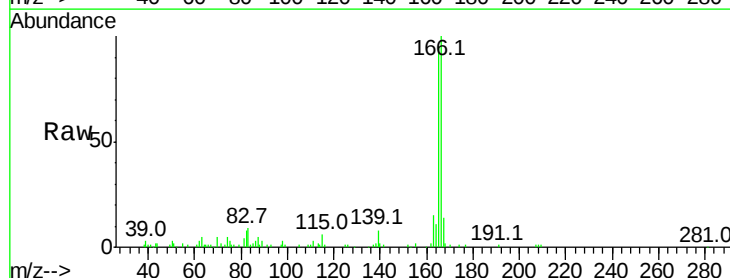
Tgt Ion:166 Resp: 96904

Ion Ratio Lower Upper

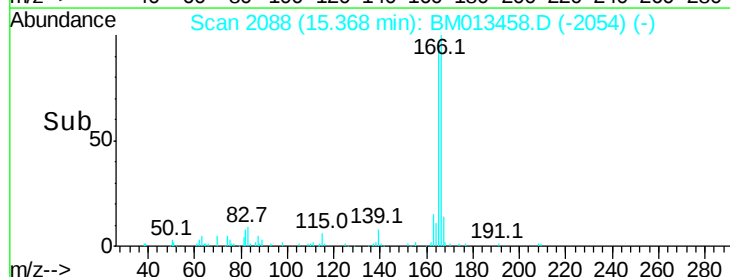
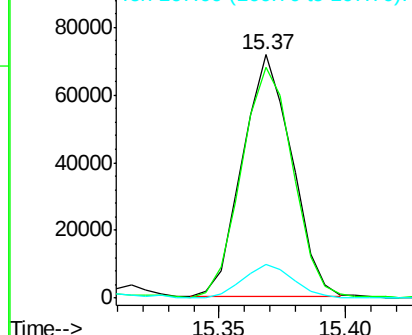
166 100

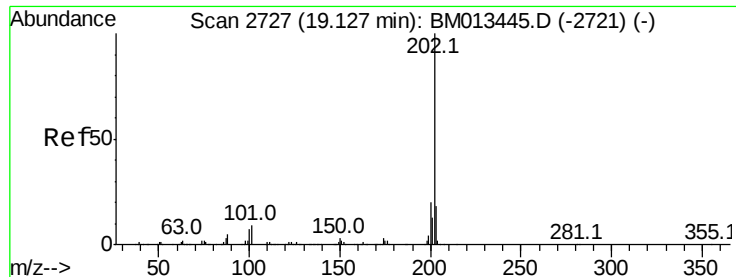
165 95.0 77.9 116.9

167 13.7 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

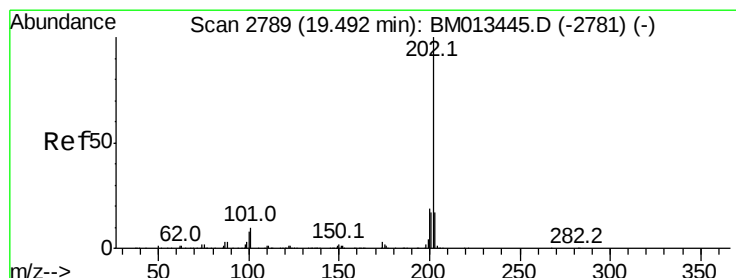
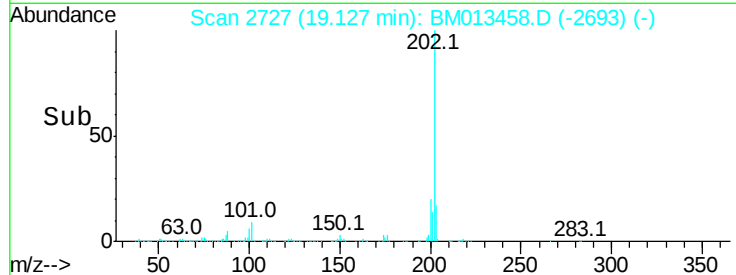
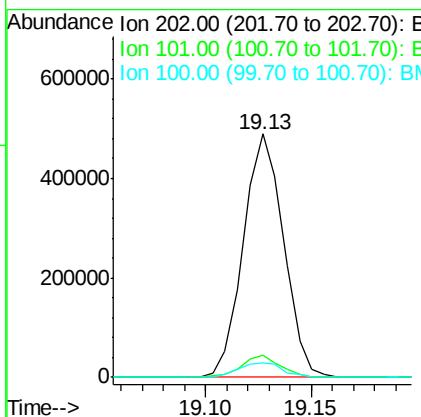
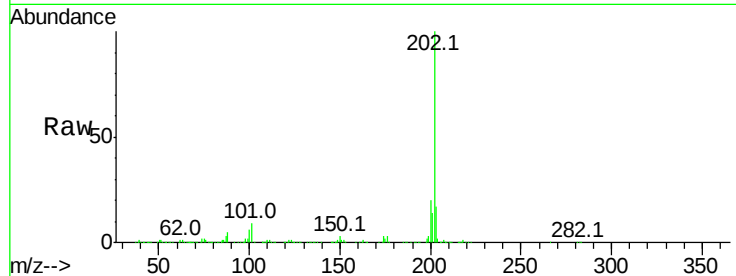




#74
 Fluoranthene
 Concen: 6.501 ng/ul
 RT: 19.13 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM013458.D
 Acq: 16 Dec 2017 02:53

Instrument :
 BNA_M
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 F9A97

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	4.6	7.0#
100	6.2	3.4	5.2#



#77
 Pyrene
 Concen: 5.516 ng/ul
 RT: 19.49 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BM013458.D
 Acq: 16 Dec 2017 02:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.1	7.7#
100	8.2	4.9	7.3#

