

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
 Data File : BM012343.D
 Acq On : 21 Oct 2017 05:25
 Operator : SJ/JU
 Sample : I5656-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0C87

Quant Time: Oct 23 02:46:21 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 02:34:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	267767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1191509	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	726195	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1628117	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1366528	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1087213	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	28410	5.04	ng/uL	0.00
5) Phenol-d5	6.94	99	656072	30.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	416709	31.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	583693	31.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	601989	32.18	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	296107	32.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	353691	33.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	651384	32.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	755178	39.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2285053	35.60	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2751405	35.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	179052	18.56	ng/ul	0.00
57) Fluorene-d10	15.42	176	1898558	36.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	255513	22.87	ng/ul	0.00
70) Anthracene-d10	17.27	188	2768282	34.39	ng/ul	0.00
76) Pyrene-d10	19.57	212	3132096	45.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1935956	36.94	ng/ul	0.00

Target Compounds

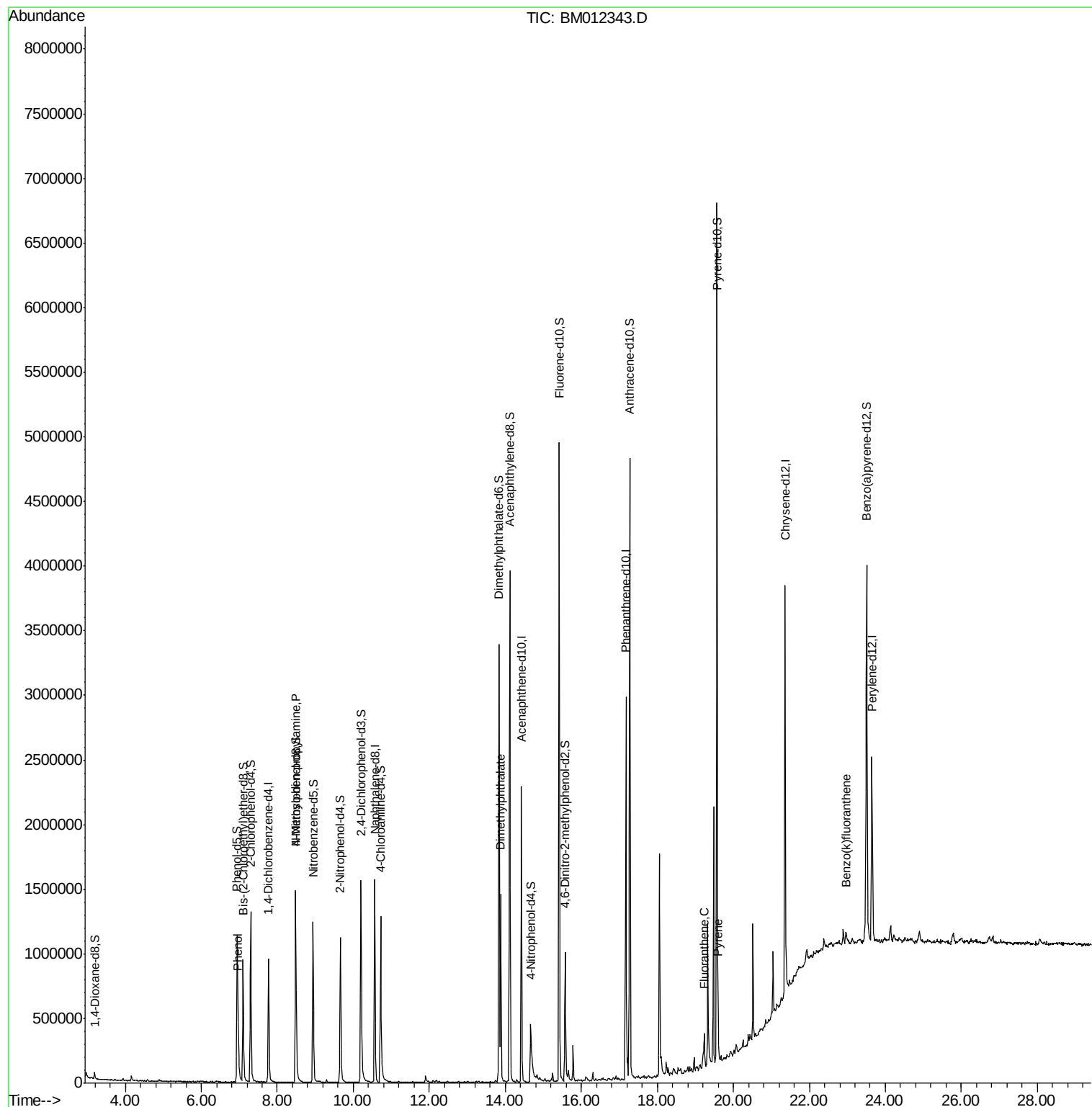
					Ovalue	
6) Phenol	6.97	94	176375	7.853	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.49	70	17667	1.160	ng/ul#	1
44) Dimethylphthalate	13.88	163	955775	14.864	ng/ul	99
74) Fluoranthene	19.24	202	131068	1.173	ng/ul#	95
77) Pyrene	19.60	202	176056	1.951	ng/ul#	97
86) Benzo(k)fluoranthene	22.96	252	70480	1.031	ng/ul#	80

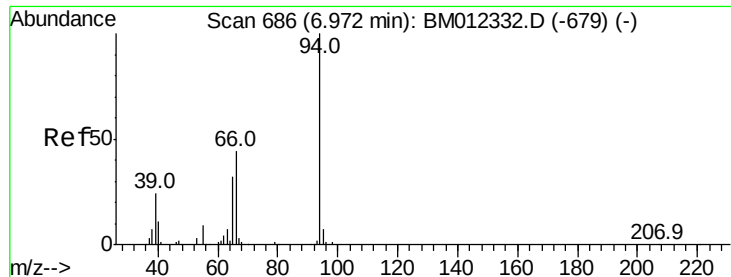
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.853 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. 0.00 min

Lab File: BM012343.D

Acq: 21 Oct 2017 05:25

Instrument :

BNA_M

ClientSampleId :

B0C87

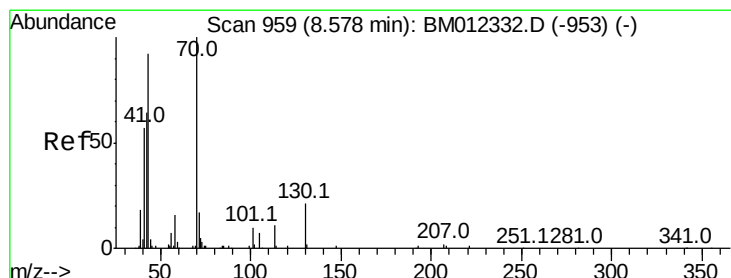
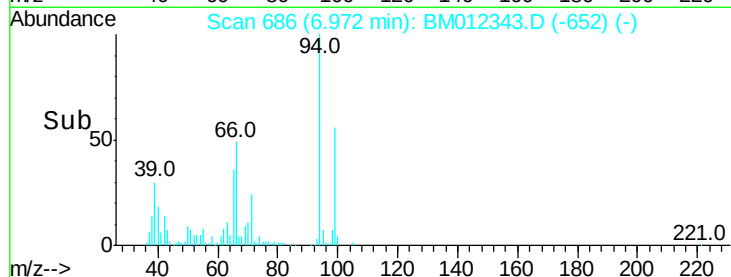
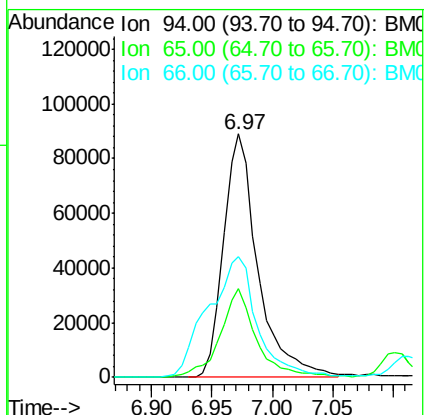
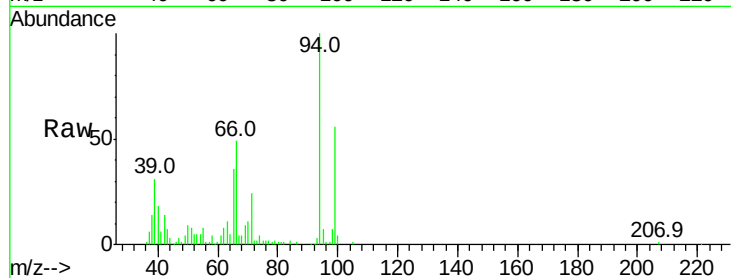
Tot Ion: 94 Resp: 176375

Ion Ratio Lower Upper

94 100

65 36.3 24.4 36.6

66 49.5 35.0 52.4



#15

N-Nitroso-di-n-propylamine

Concen: 1.160 ng/ul

RT: 8.49 min Scan# 944

Delta R.T. -0.09 min

Lab File: BM012343.D

Acq: 21 Oct 2017 05:25

Tgt Ion: 70 Resp: 17667

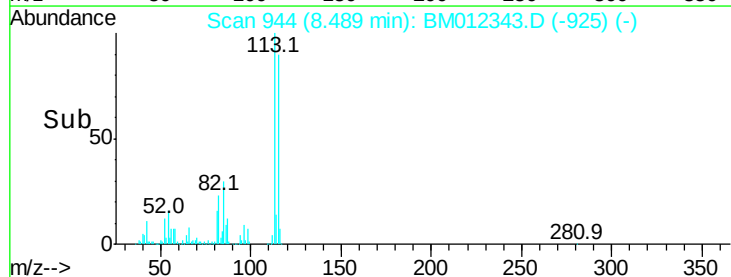
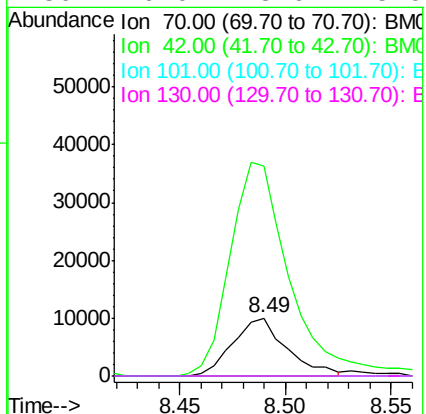
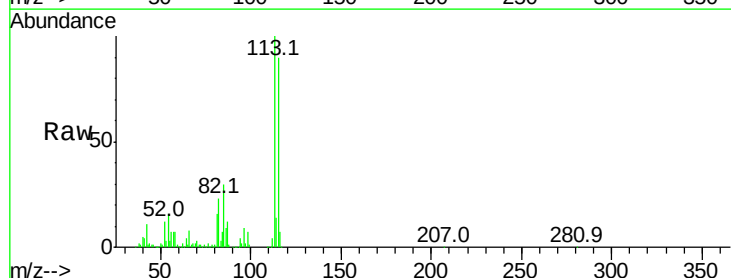
Ion Ratio Lower Upper

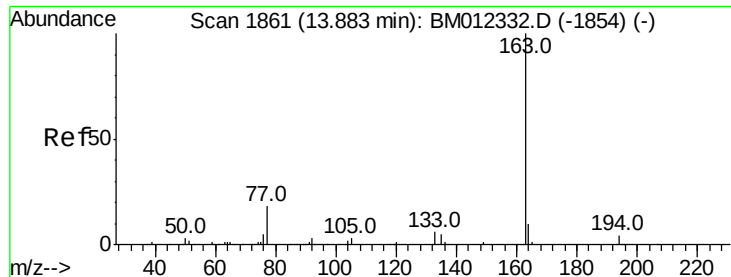
70 100

42 362.1 43.0 64.4#

101 0.0 8.2 12.2#

130 0.0 18.6 28.0#





#44

Dimethylphthalate

Concen: 14.864 ng/ul

RT: 13.88 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BM012343.D

Acq: 21 Oct 2017 05:25

Instrument :

BNA_M

ClientSampleId :

B0C87

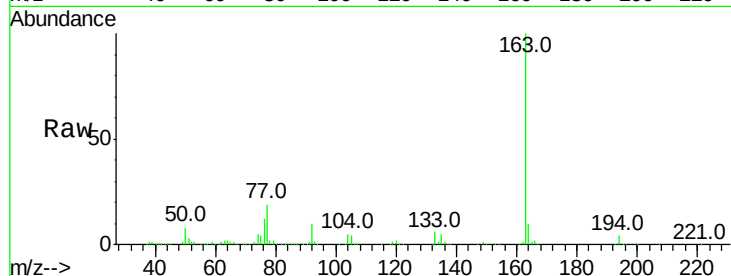
Tot Ion:163 Resp: 955775

Ion Ratio Lower Upper

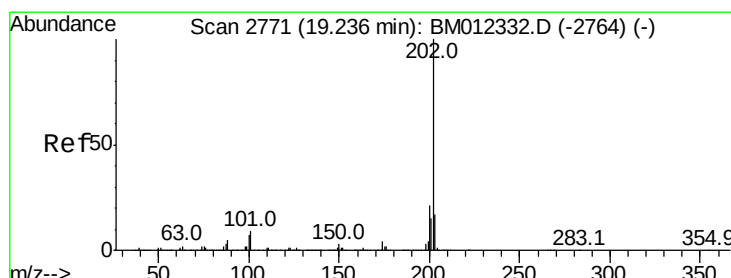
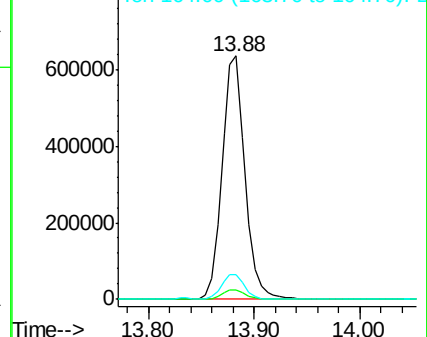
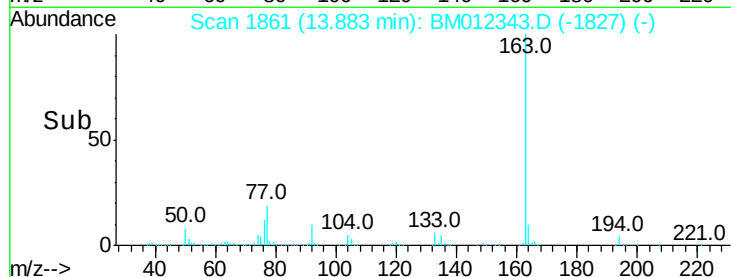
163 100

194 4.0 3.7 5.5

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



#74

Fluoranthene

Concen: 1.173 ng/ul

RT: 19.24 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BM012343.D

Acq: 21 Oct 2017 05:25

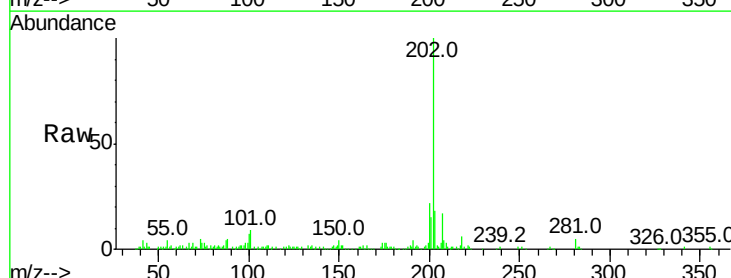
Tgt Ion:202 Resp: 131068

Ion Ratio Lower Upper

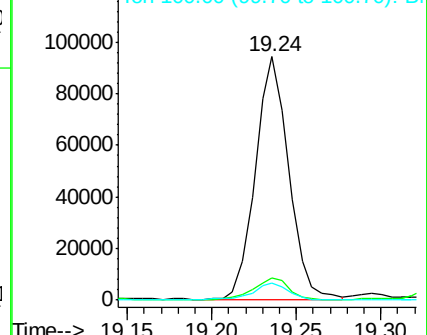
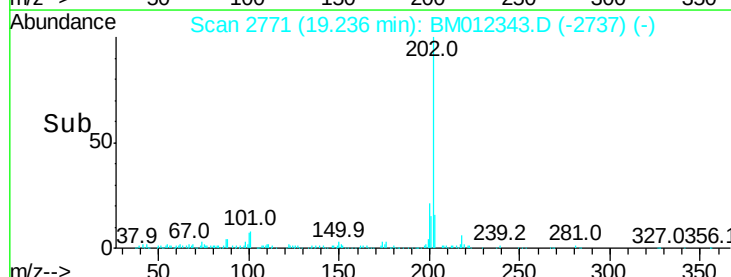
202 100

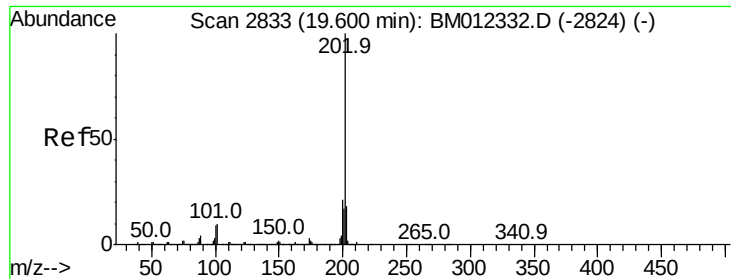
101 8.9 5.8 8.6#

100 6.8 4.3 6.5#



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

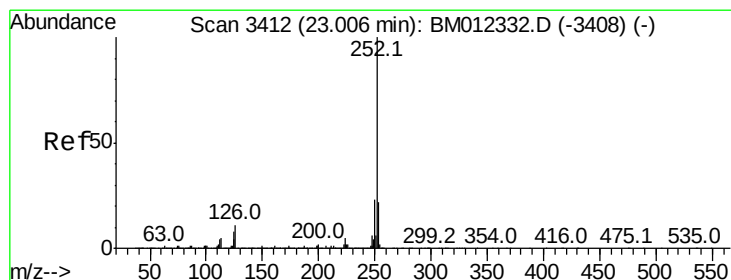
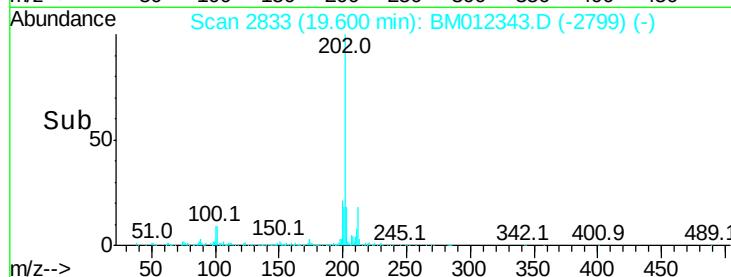
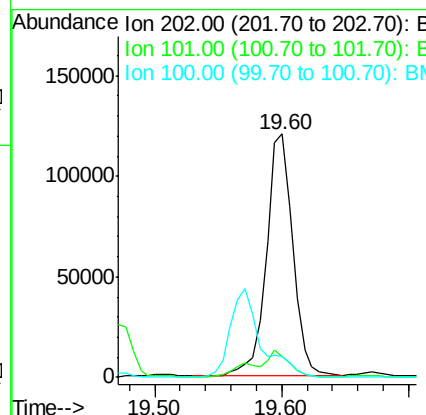
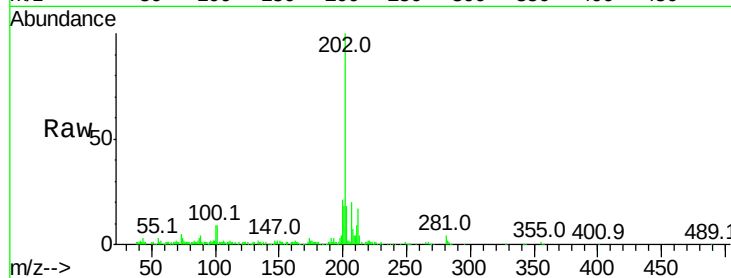




#77
 Pvrene
 Concen: 1.951 ng/ul
 RT: 19.60 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BM012343.D
 Acq: 21 Oct 2017 05:25

Instrument :
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 B0C87

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.5	9.7
100	8.6	5.6	8.4#



#86
 Benzo(k)fluoranthene
 Concen: 1.031 ng/ul
 RT: 22.96 min Scan# 3404
 Delta R.T. -0.05 min
 Lab File: BM012343.D
 Acq: 21 Oct 2017 05:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.8	26.6#
125	14.0	4.9	7.3#

