

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\
 Data File : BM013946.D
 Acq On : 29 Jan 2018 05:24
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B45

Quant Time: Feb 09 12:27:57 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	194626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	796651	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	452686	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	909961	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	748099	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	769084	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	11676	2.37	ng/uL	0.00
5) Phenol-d5	6.76	99	298729	19.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	188531	20.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	256035	21.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	255513	22.25	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	131697	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	144396	22.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	279407	22.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	245285	22.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	884526	23.71	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1088617	22.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	80965	13.35	ng/ul	0.00
57) Fluorene-d10	15.23	176	732759	22.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	93095	17.00	ng/ul	0.00
70) Anthracene-d10	17.09	188	1018273	22.97	ng/ul	0.00
76) Pyrene-d10	19.39	212	979329	28.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	849524	24.03	ng/ul	0.00

Target Compounds

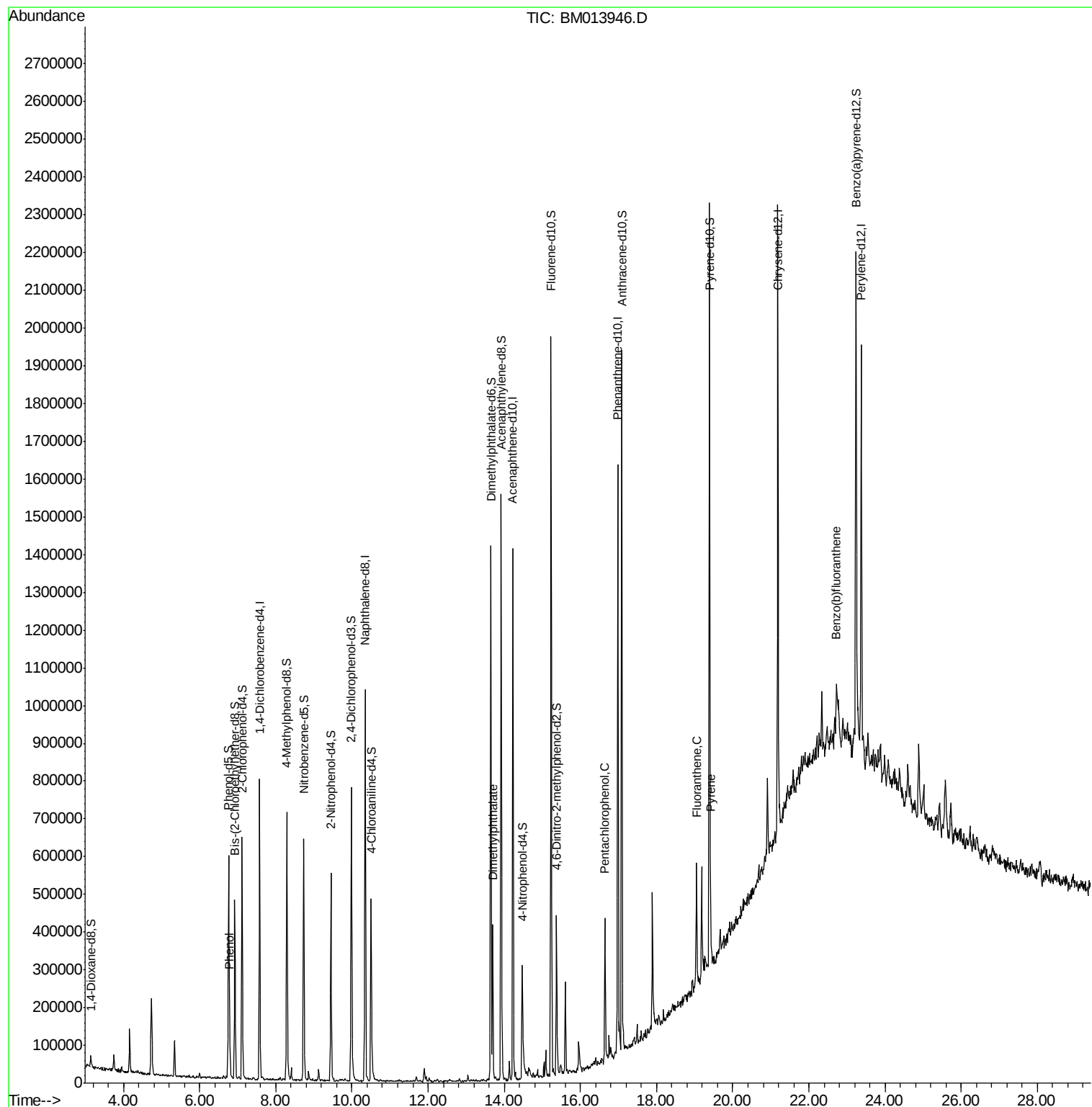
					Qvalue	
6) Phenol	6.79	94	44419	2.964	ng/ul#	87
44) Dimethylphthalate	13.70	163	247499	6.747	ng/ul	96
68) Pentachlorophenol	16.64	266	62124	10.105	ng/ul	97
74) Fluoranthene	19.05	202	178616	2.958	ng/ul#	98
77) Pyrene	19.42	202	158026	3.475	ng/ul#	97
85) Benzo(b)fluoranthene	22.73	252	78925	1.671	ng/ul#	81

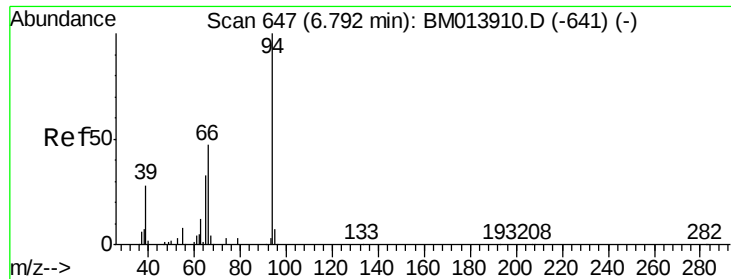
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.964 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013946.D

Acq: 29 Jan 2018 05:24

Instrument :

BNA_M

ClientSampleId :

F6B45

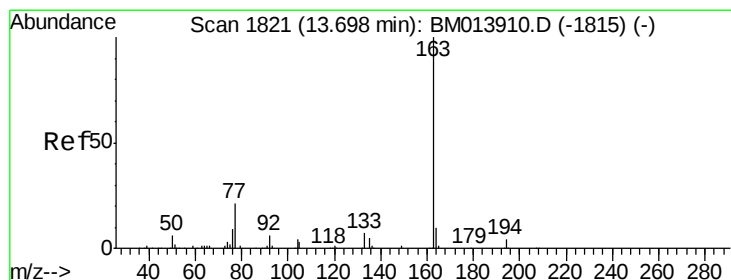
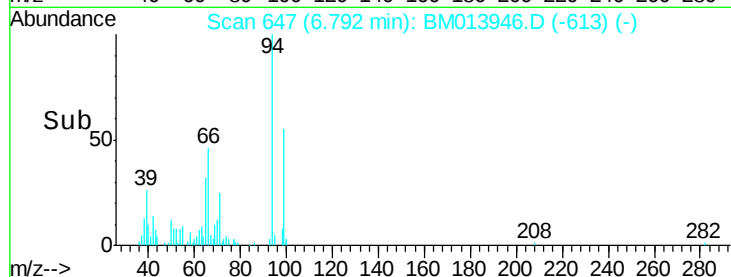
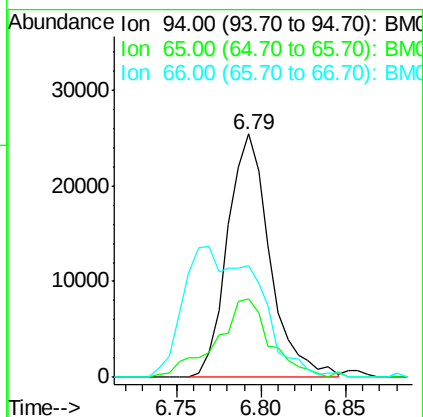
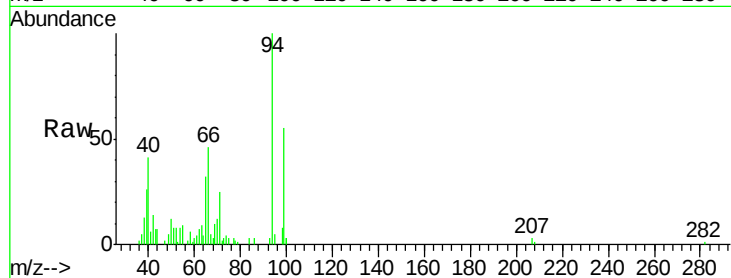
Tgt Ion: 94 Resp: 44419

Ion Ratio Lower Upper

94 100

65 32.2 28.2 42.4

66 46.2 47.2 70.8#



#44

Dimethylphthalate

Concen: 6.747 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BM013946.D

Acq: 29 Jan 2018 05:24

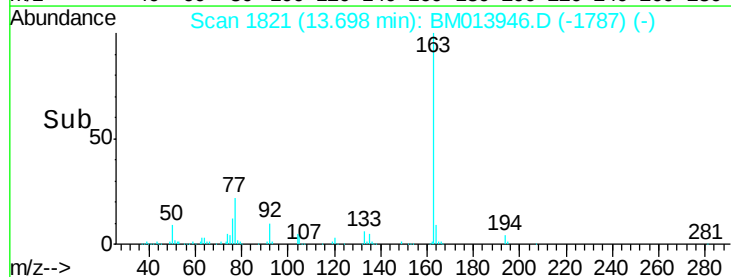
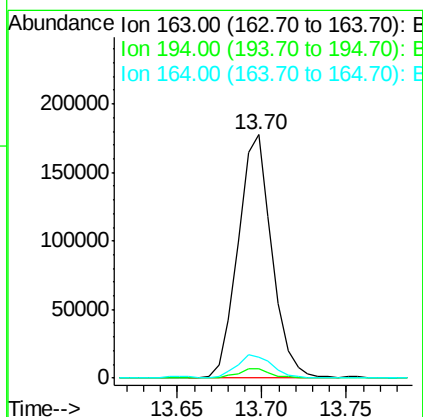
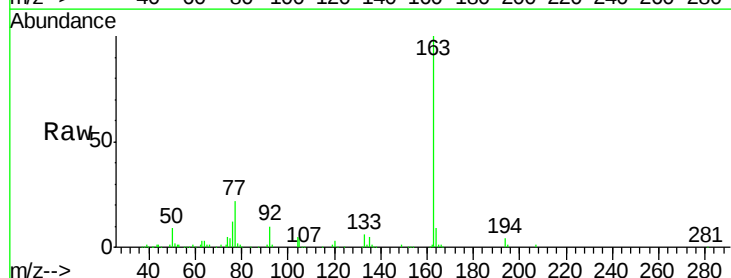
Tgt Ion: 163 Resp: 247499

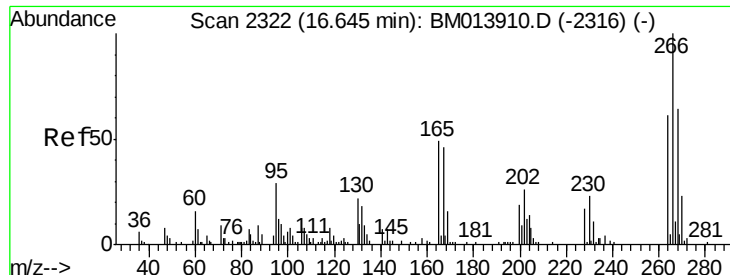
Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

164 8.7 8.2 12.4

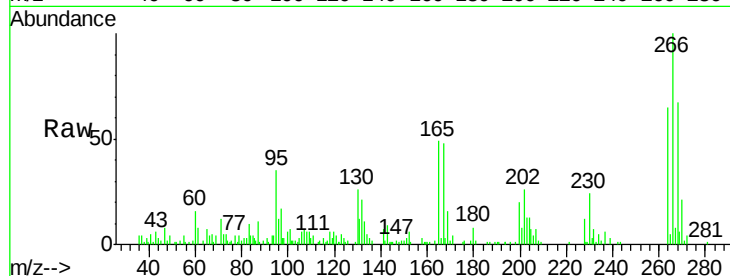




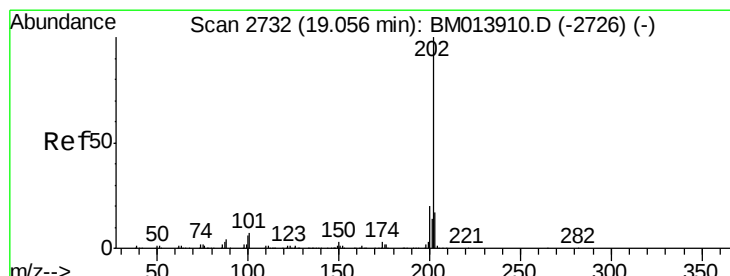
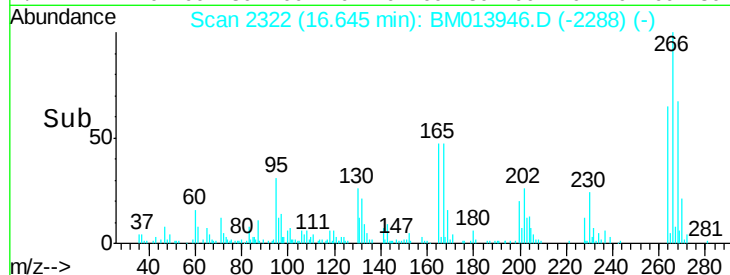
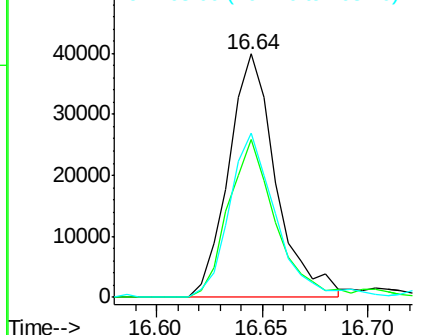
#68
 Pentachlorophenol
 Concen: 10.105 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM013946.D
 Acq: 29 Jan 2018 05:24

Instrument :
 BNA_M
 ClientSampleId :
 F6B45

Tgt Ion:266 Resp: 62124
 Ion Ratio Lower Upper
 266 100
 264 65.1 49.3 73.9
 268 67.3 52.6 78.8

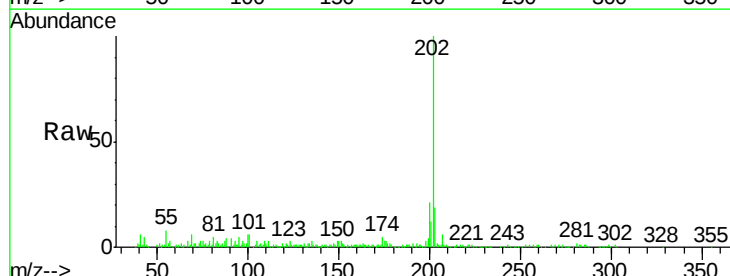


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

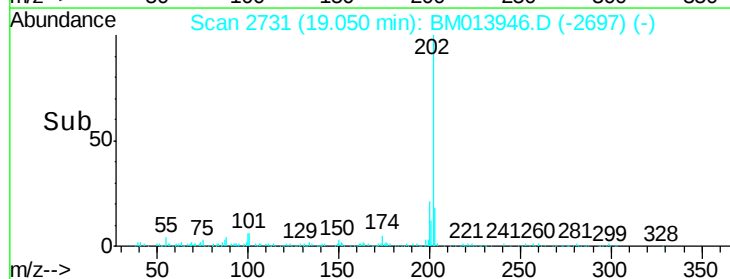
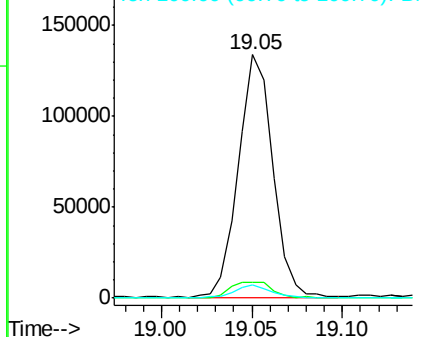


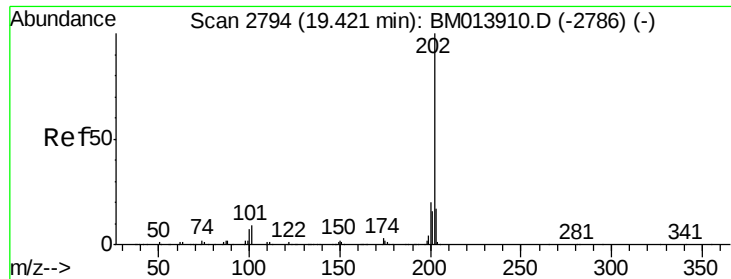
#74
 Fluoranthene
 Concen: 2.958 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: BM013946.D
 Acq: 29 Jan 2018 05:24

Tgt Ion:202 Resp: 178616
 Ion Ratio Lower Upper
 202 100
 101 6.3 4.6 7.0
 100 5.5 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

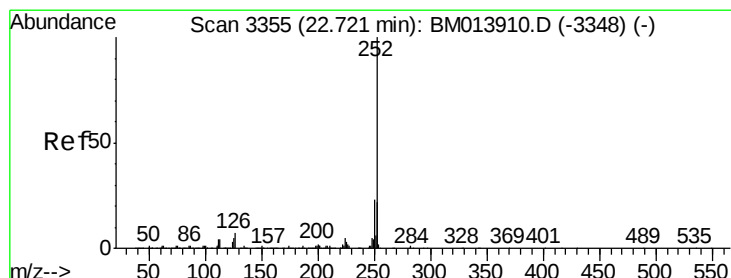
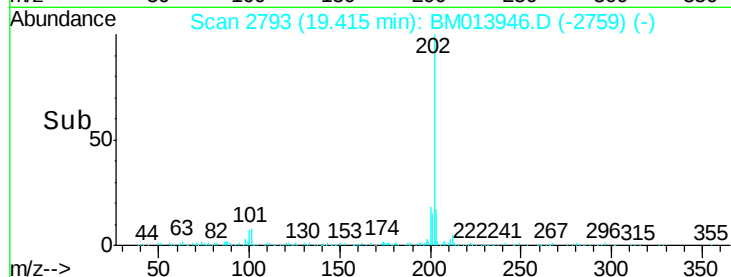
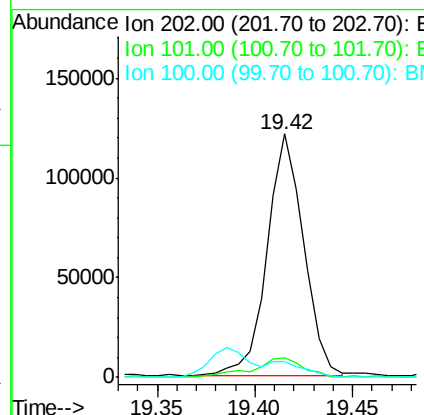
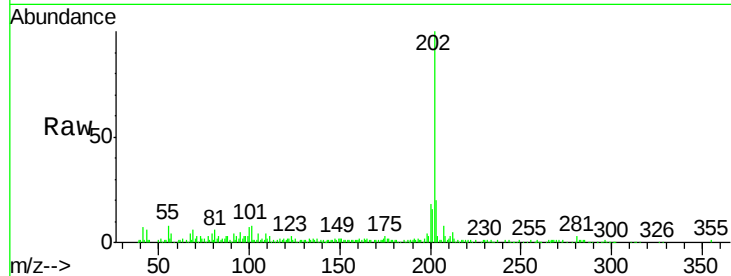




#77
 Pyrene
 Concen: 3.475 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BM013946.D
 Acq: 29 Jan 2018 05:24

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Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	5.1	7.7#
100	6.6	4.9	7.3



#85
 Benzo(b)fluoranthene
 Concen: 1.671 ng/ul
 RT: 22.73 min Scan# 3356
 Delta R.T. 0.01 min
 Lab File: BM013946.D
 Acq: 29 Jan 2018 05:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.9	26.9#
125	14.0	3.6	5.4#

