

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
 Data File : BM013118.D
 Acq On : 27 Nov 2017 19:38
 Operator : SJ/JU
 Sample : I6496-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB0

Manual Integrations
 APPROVED

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 11/28/2017 2:53:57 PM

Quant Time: Nov 28 02:54:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 01:49:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	167667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	739973	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	478134	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1140477	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1333428	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1280370	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	13175m	3.64	ng/uL	0.00
5) Phenol-d5	6.89	99	285097	19.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	196533	23.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	248659	21.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	185956	15.63	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	141867	26.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	151382	30.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	270825	21.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	294924	22.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1071647	25.55	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1237040	23.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	138479	21.77	ng/ul	0.00
57) Fluorene-d10	15.34	176	886625	24.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	141239	28.56	ng/ul	0.00
70) Anthracene-d10	17.19	188	1463672	25.07	ng/ul	0.00
76) Pyrene-d10	19.49	212	1720409	25.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1754429	27.02	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.92	94	44003	3.070	ng/ul 89
44) Dimethylphthalate	13.81	163	153555	3.829	ng/ul 97
74) Fluoranthene	19.15	202	140182	1.808	ng/ul# 94
77) Pyrene	19.52	202	130300	1.569	ng/ul# 95
85) Benzo(b)fluoranthene	22.84	252	124114	1.500	ng/ul# 97

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

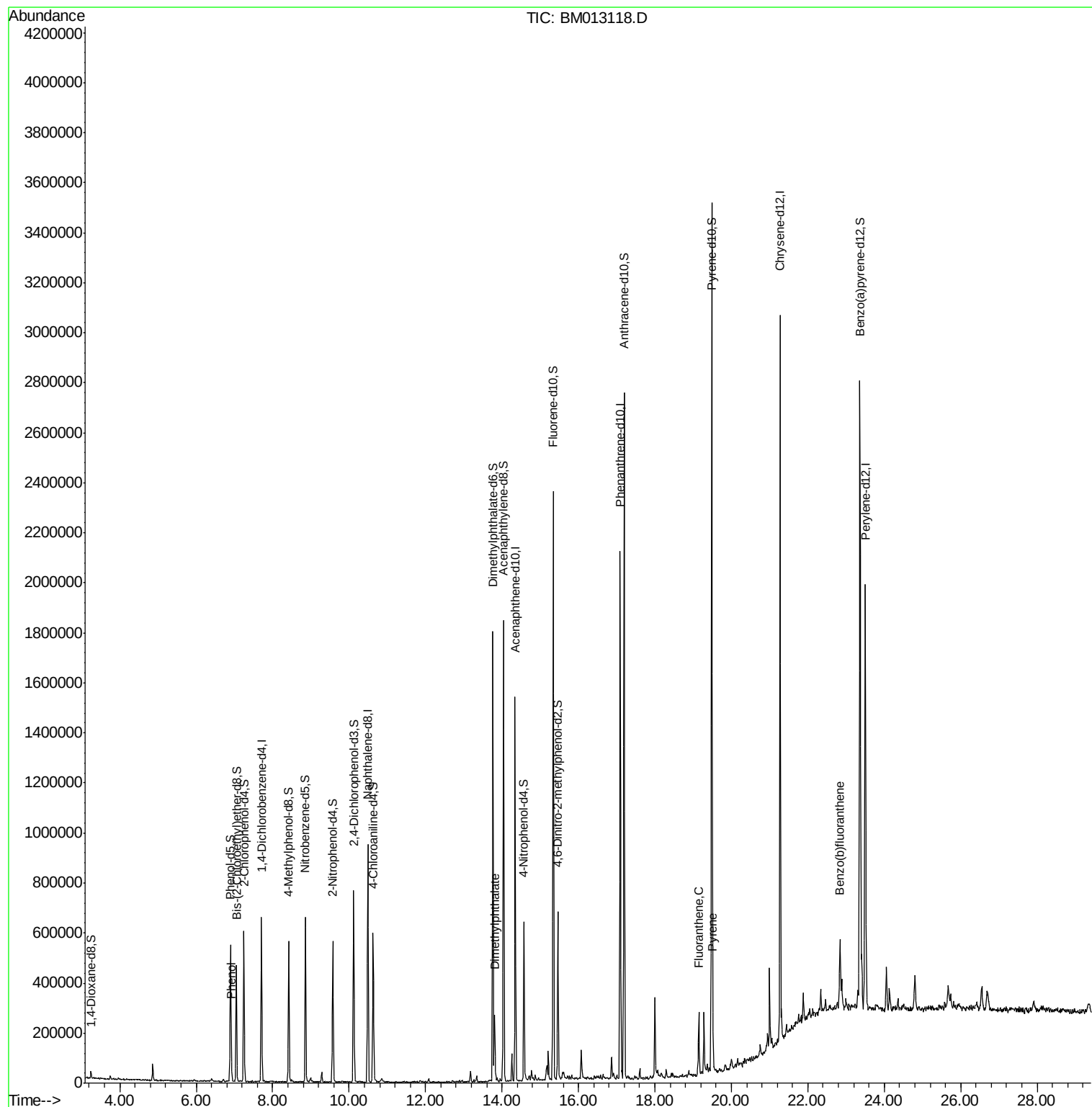
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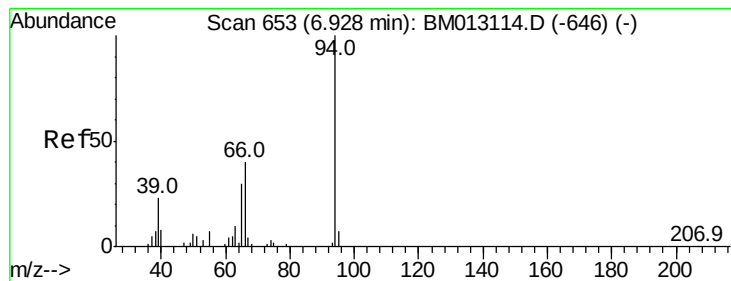
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#6

Phenol

Concen: 3.070 ng/ul

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM013118.D

Acq: 27 Nov 2017 19:38

Instrument :

BNA_M

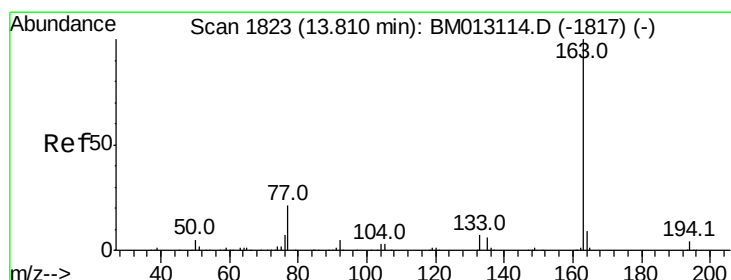
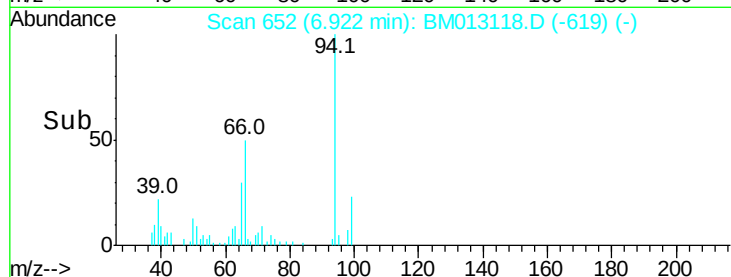
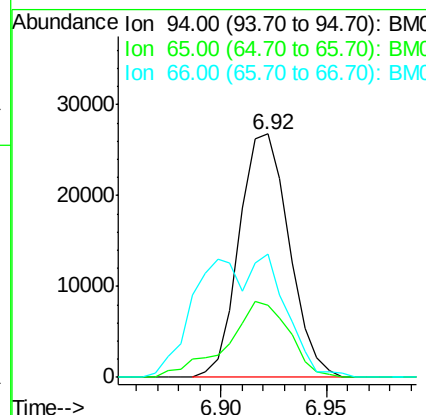
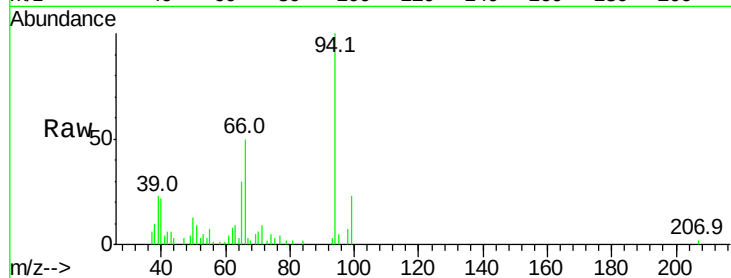
ClientSampled :

C0AB0

Tot Ion:	94	Resp:	44003
Ion Ratio	Lower	Upper	
94	100		
65	29.7	28.2	42.4
66	50.5	47.2	70.8

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#44

Dimethylphthalate

Concen: 3.829 ng/ul

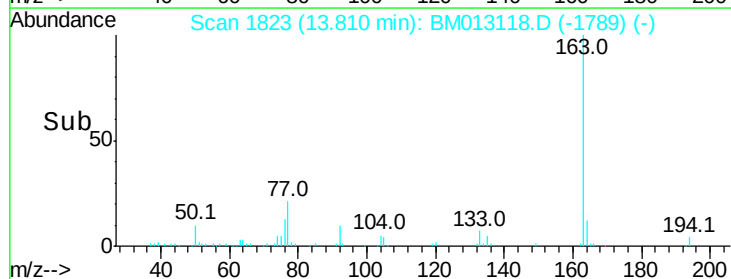
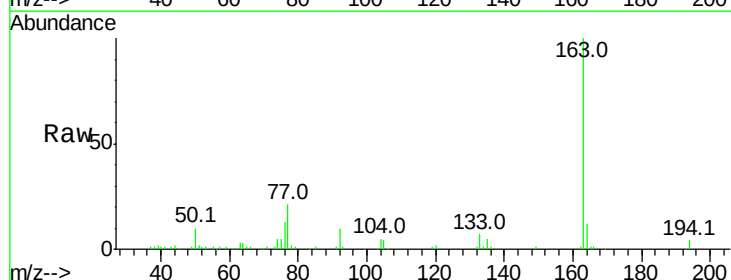
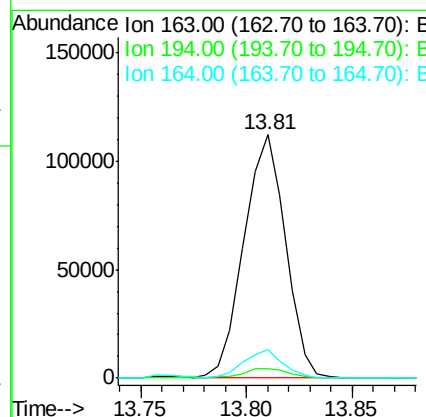
RT: 13.81 min Scan# 1823

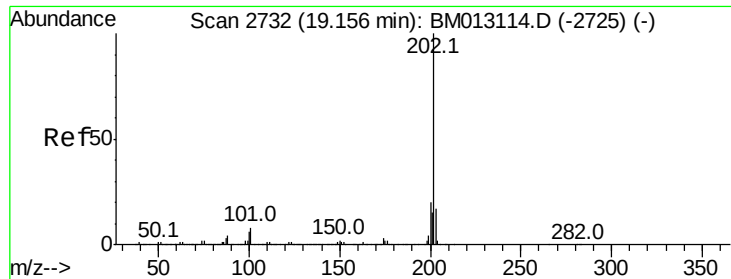
Delta R.T. 0.00 min

Lab File: BM013118.D

Acq: 27 Nov 2017 19:38

Tgt Ion:	163	Resp:	153555
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	11.6	8.2	12.4





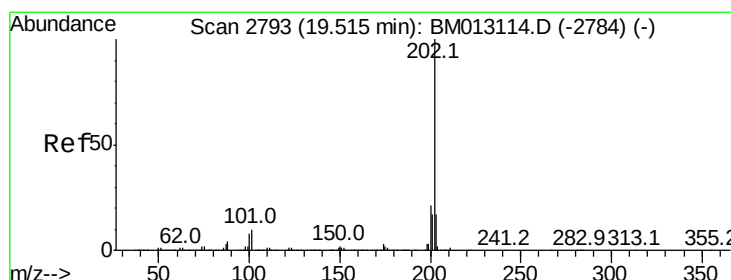
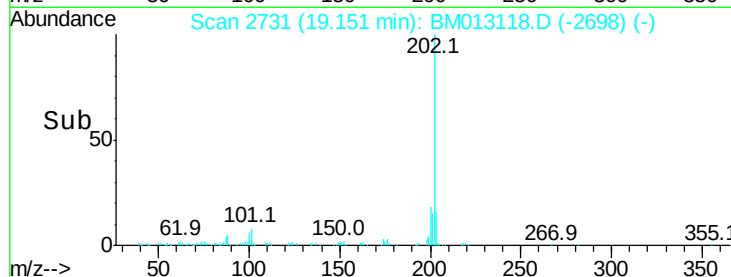
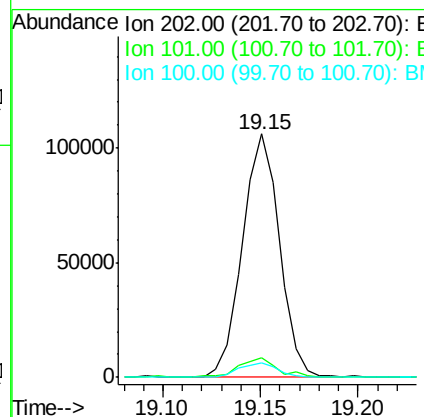
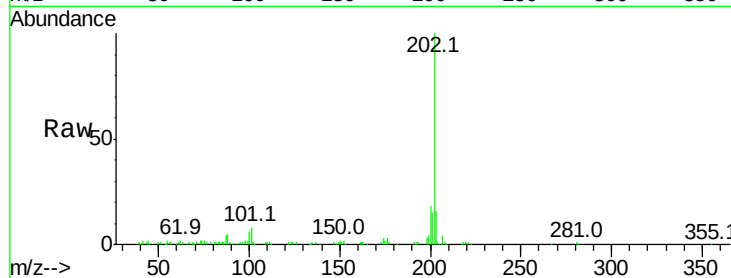
#74
 Fluoranthene
 Concen: 1.808 ng/ul
 RT: 19.15 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BM013118.D
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.1	4.6	7.0#
100	5.8	3.4	5.2#

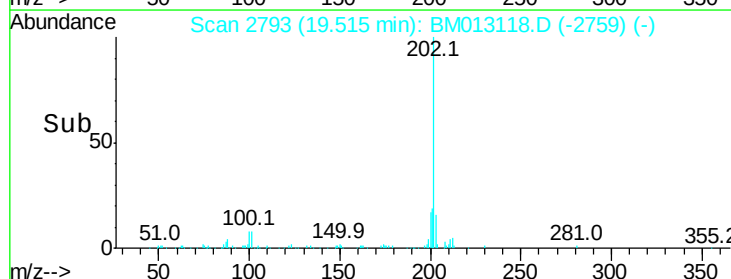
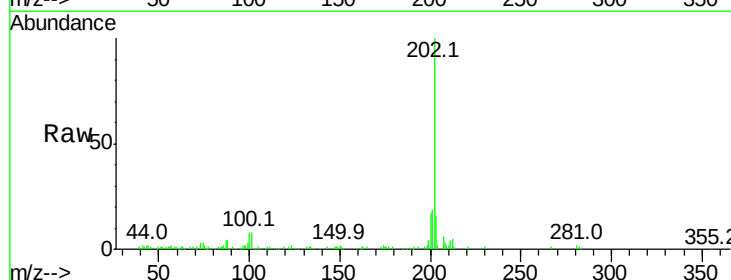
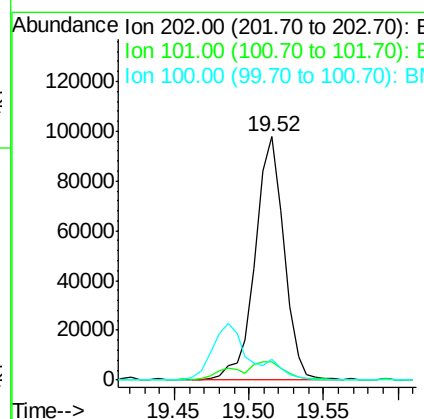
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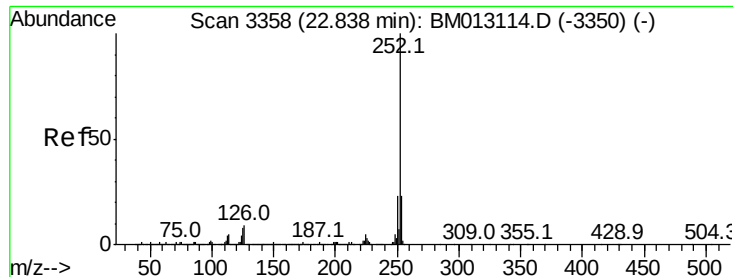
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#77
 Pyrene
 Concen: 1.569 ng/ul
 RT: 19.52 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BM013118.D
 Acq: 27 Nov 2017 19:38

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.6	5.1	7.7
100	8.4	4.9	7.3#





#85

Benzo(b)fluoranthene

Concen: 1.500 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM013118.D

Acq: 27 Nov 2017 19:38

Instrument :

BNA_M

ClientSampleId :

C0AB0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		124114		
253	22.8	17.9	26.9		
125	9.4	3.6	5.4		

Manual Integrations
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