

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014562.D
 Acq On : 14 Mar 2018 02:41
 Operator : SJ/JU
 Sample : J1835-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F01

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:36:18 PM

Quant Time: Mar 14 04:16:55 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 02:08:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	107059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	477172	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.15	164	265361	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.92	188	542838	20.00	ng/ul	0.01
75) Chrysene-d12	21.14	240	354095	20.00	ng/ul	0.01
83) Perylene-d12	23.31	264	326700	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	6141	2.46	ng/uL	0.00
5) Phenol-d5	6.70	99	190212m	21.02	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.83	67	111799	20.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	153951	22.19	ng/ul	0.01
13) 4-Methylphenol-d8	8.23	113	142623	18.01	ng/ul	0.02
19) Nitrobenzene-d5	8.65	128	82380	23.36	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	85097	23.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	165147m	21.85	ng/ul	0.02
29) 4-Chloroaniline-d4	10.43	131	115089m	15.45	ng/ul	0.01
43) Dimethylphthalate-d6	13.57	166	551795	25.18	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	663226	24.54	ng/ul	0.01
51) 4-Nitrophenol-d4	14.47	143	59623m	19.71	ng/ul	0.01
57) Fluorene-d10	15.16	176	433993	22.11	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.36	200	4990	1.53	ng/ul	0.02
70) Anthracene-d10	17.02	188	610064	23.29	ng/ul	0.01
76) Pyrene-d10	19.33	212	514873	28.19	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.18	264	374026	23.52	ng/ul	0.02

Target Compounds

				Ovalue	
6) Phenol	6.74	94	15290	1.610	ng/ul 96
44) Dimethylphthalate	13.62	163	81387	3.766	ng/ul 100
69) Phenanthrene	16.96	178	60786	1.944	ng/ul 95
77) Pyrene	19.36	202	49316	2.096	ng/ul# 88
91) Benzo(a,h,i)perylene	26.16	276	41785m	2.719	ng/ul

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

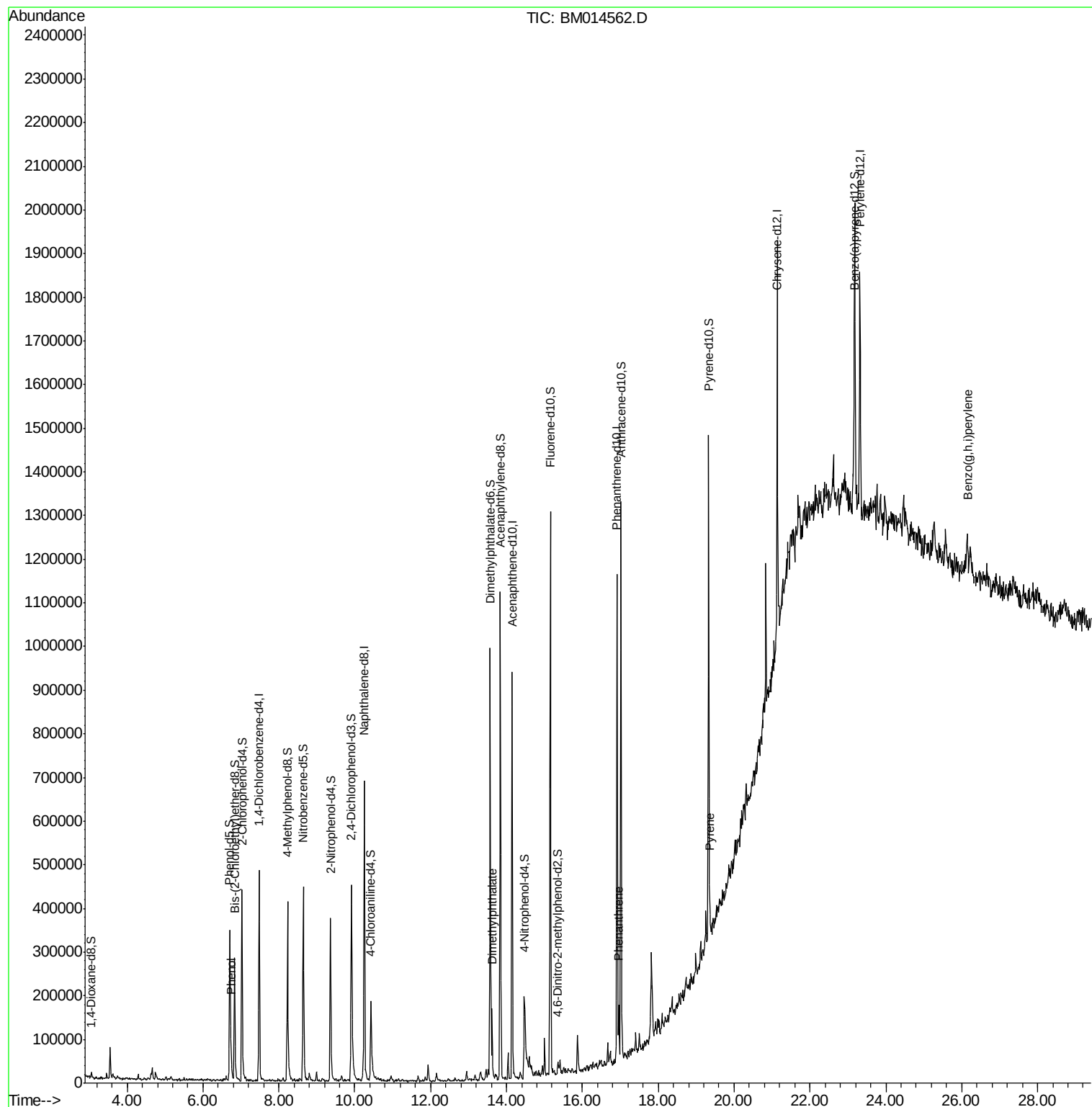
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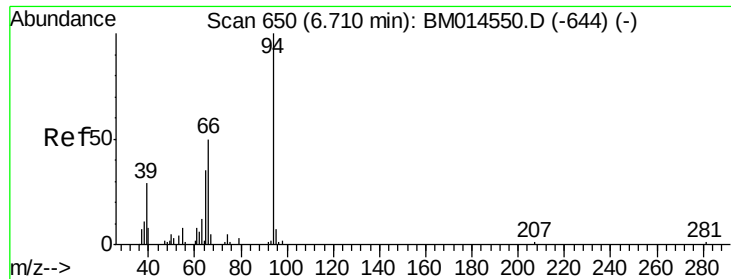
Instrument :
BNA_M
ClientSampled :
F6F01

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#6

Phenol

Concen: 1.610 ng/ul

RT: 6.74 min Scan# 655

Delta R.T. 0.03 min

Lab File: BM014562.D

Acq: 14 Mar 2018 02:41

Instrument :

BNA_M

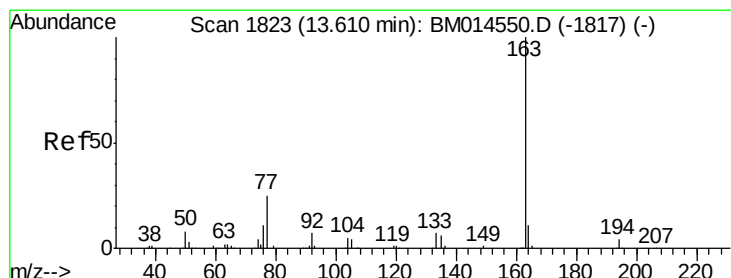
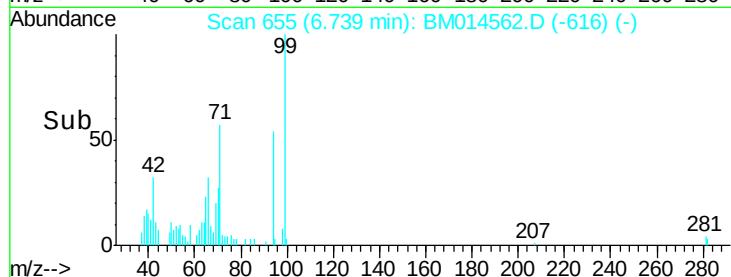
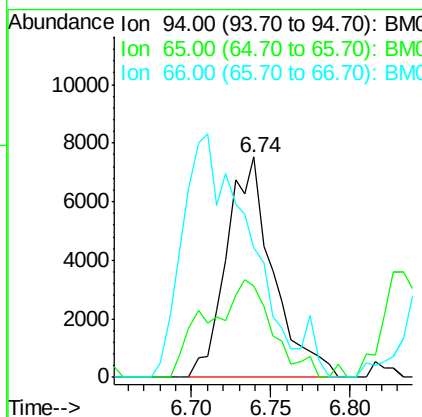
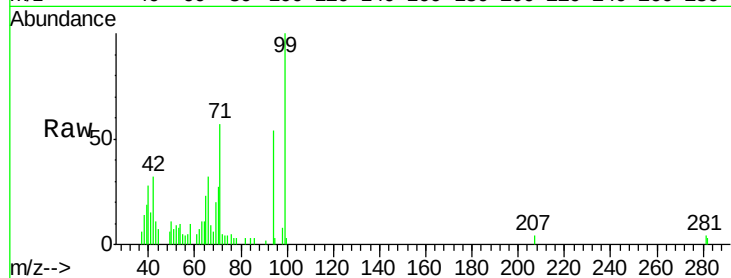
ClientSampled :

F6F01

Tot Ion:	94	Resp:	15290
Ion	Ratio	Lower	Upper
94	100		
65	41.8	28.2	42.4
66	59.1	47.2	70.8

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#44

Dimethylphthalate

Concen: 3.766 ng/ul

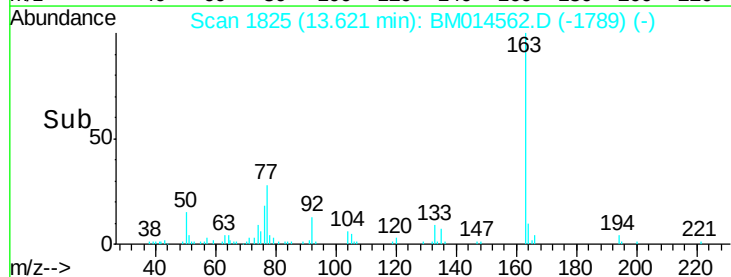
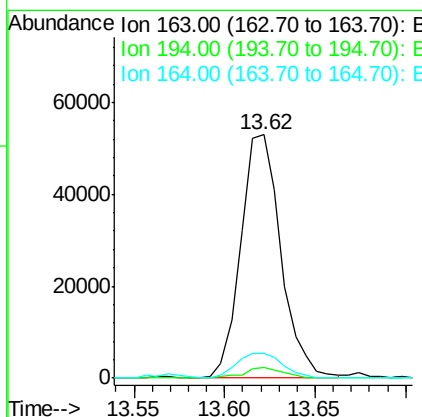
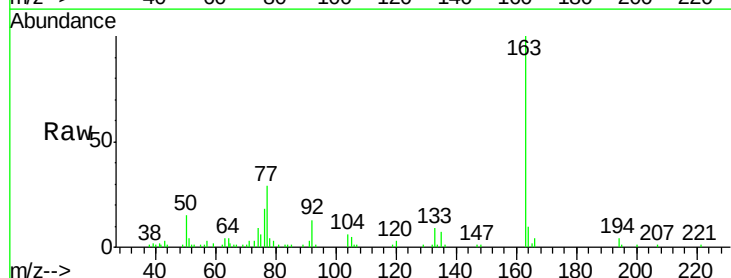
RT: 13.62 min Scan# 1825

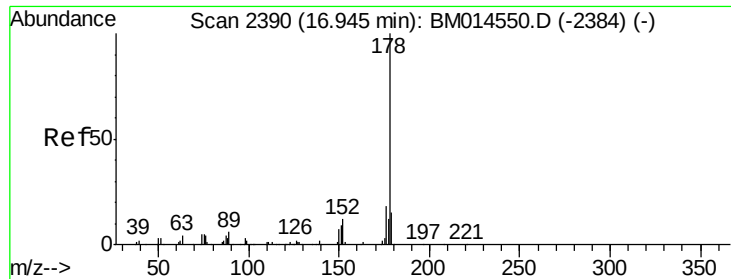
Delta R.T. 0.01 min

Lab File: BM014562.D

Acq: 14 Mar 2018 02:41

Tgt Ion:	163	Resp:	81387
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.2	8.2	12.4





#69

Phenanthrene

Concen: 1.944 ng/ul

RT: 16.96 min Scan# 2393

Delta R.T. 0.02 min

Lab File: BM014562.D

Acq: 14 Mar 2018 02:41

Instrument :

BNA_M

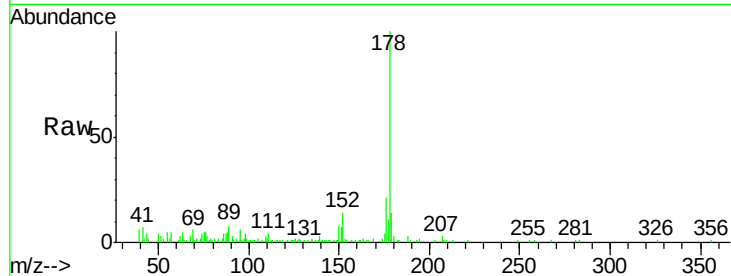
ClientSampleId :

F6F01

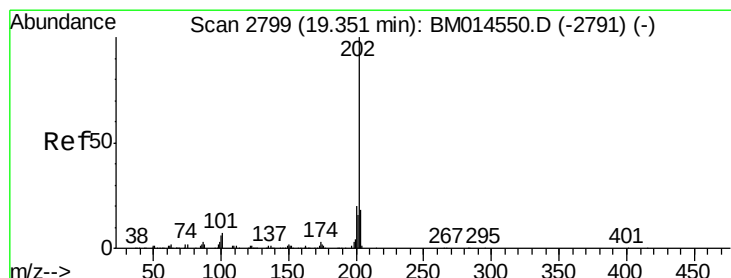
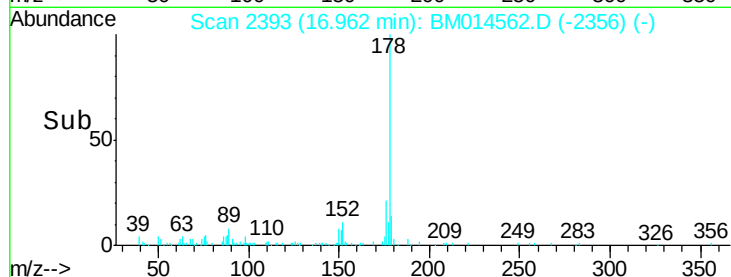
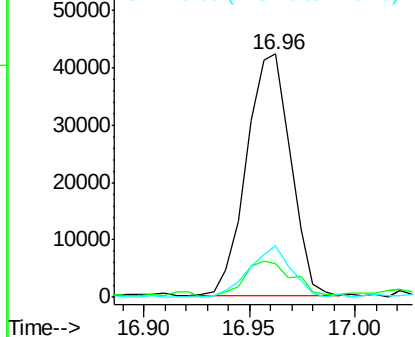
Tot Ion:	178	Resp:	60786
Ion Ratio	Lower	Upper	
178	100		
179	13.8	12.6	19.0
176	21.2	14.9	22.3

Manual Integrations
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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



#77

Pyrene

Concen: 2.096 ng/ul

RT: 19.36 min Scan# 2801

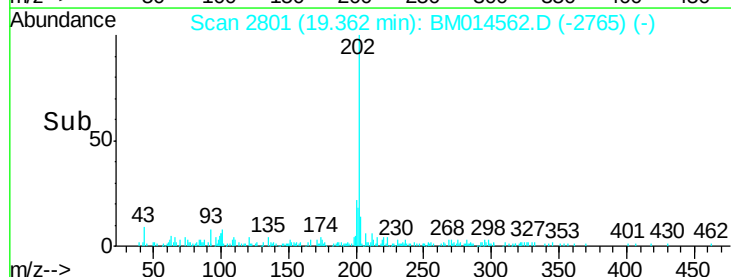
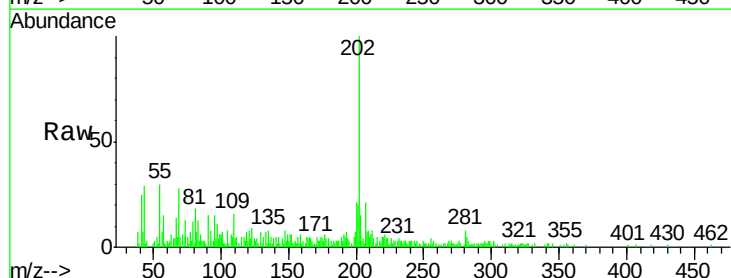
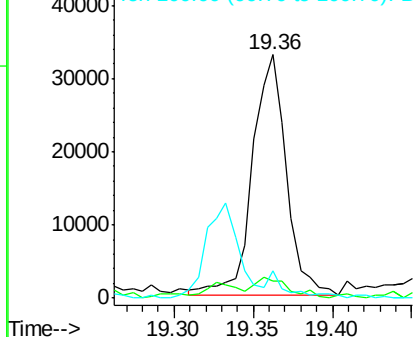
Delta R.T. 0.01 min

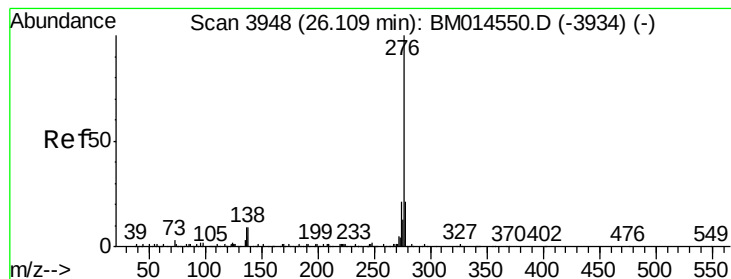
Lab File: BM014562.D

Acq: 14 Mar 2018 02:41

Tgt Ion:	202	Resp:	49316
Ion Ratio	Lower	Upper	
202	100		
101	9.4	5.1	7.7#
100	11.4	4.9	7.3#

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





#91

Benzo(a,h,i)perylene

Concen: 2.719 ng/ul m

RT: 26.16 min Scan# 3956

Delta R.T. 0.05 min

Lab File: BM014562.D

Acq: 14 Mar 2018 02:41

Instrument :

BNA_M

ClientSampleId :

F6F01

Tot Ion:	276	Resp:	41785
Ion Ratio	Lower	Upper	
276	100		
138	16.5	8.5	12.7#
277	28.6	18.6	28.0#

Manual Integrations
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