

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014553.D
 Acq On : 13 Mar 2018 21:15
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F08

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:36:02 PM

Quant Time: Mar 14 02:38:52 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	99821	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	459424	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	253825	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	548899	20.00	ng/ul	0.00
75) Chrysene-d12	21.13	240	462655	20.00	ng/ul	0.00
83) Perylene-d12	23.30	264	372269	20.00	ng/ul	0.01

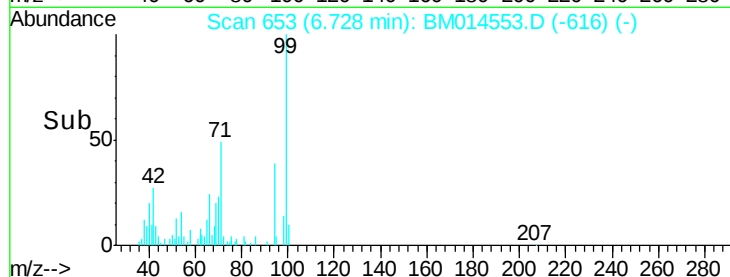
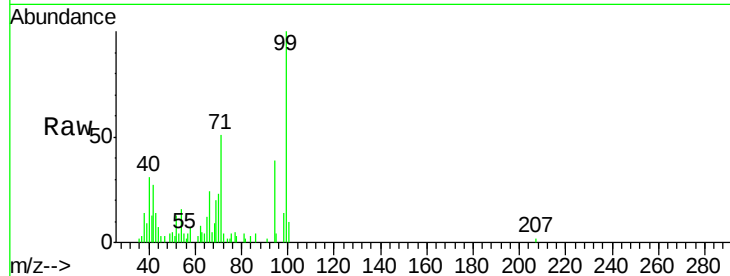
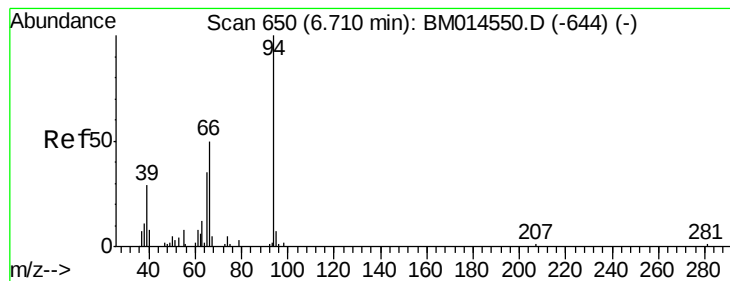
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	4450	1.91	ng/uL	0.00
5) Phenol-d5	6.70	99	149988	17.78	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	87455	17.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	122297	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	110171	14.92	ng/ul	0.01
19) Nitrobenzene-d5	8.65	128	64907	19.12	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	69569m	19.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	125260	17.21	ng/ul	0.01
29) 4-Chloroaniline-d4	10.43	131	41875m	5.84	ng/ul	0.01
43) Dimethylphthalate-d6	13.56	166	404066	19.28	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	490766	18.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	47120m	16.28	ng/ul	0.00
57) Fluorene-d10	15.15	176	331973	17.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	44710	13.58	ng/ul	0.00
70) Anthracene-d10	17.01	188	478140	18.05	ng/ul	0.00
76) Pyrene-d10	19.32	212	514541	21.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.17	264	351669	19.41	ng/ul	0.01

Target Compounds

				Ovalue	
6) Phenol	6.73	94	12668m	1.431	ng/ul
44) Dimethylphthalate	13.62	163	59631	2.885	ng/ul# 96
69) Phenanthrene	16.95	178	130139	4.115	ng/ul 98
77) Pyrene	19.35	202	85909	2.794	ng/ul 98
82) Chrysene	21.17	228	68081	2.528	ng/ul# 94
91) Benzo(a,h,i)perylene	26.13	276	29078	1.661	ng/ul# 73

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



#6

Phenol

Concen: 1.431 ng/ul m

RT: 6.73 min Scan# 653

Delta R.T. 0.02 min

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Tot Ion:	94	Resp:	12668
Ion Ratio	Lower	Upper	
94	100		
65	30.5	28.2	42.4
66	62.2	47.2	70.8

Instrument :

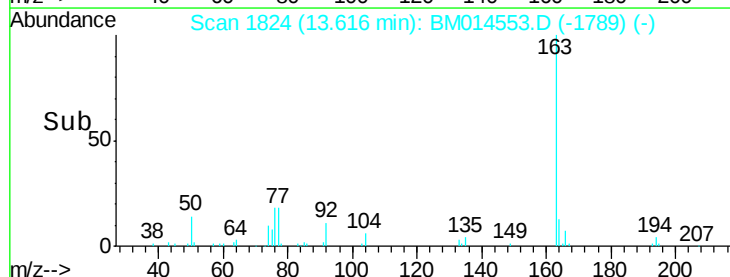
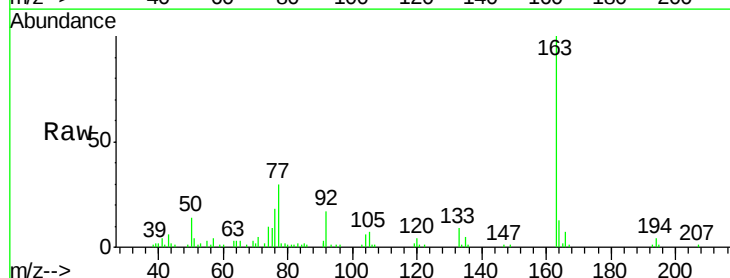
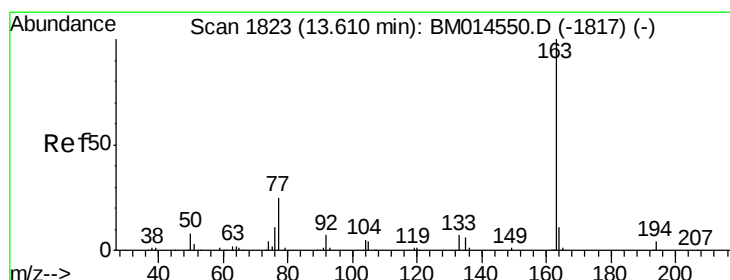
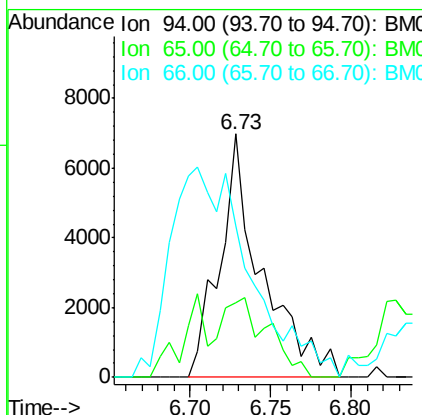
BNA_M

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#44

Dimethylphthalate

Concen: 2.885 ng/ul

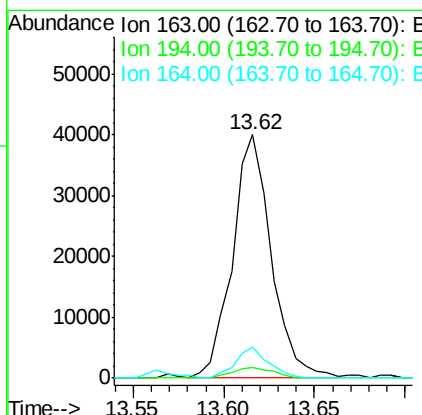
RT: 13.62 min Scan# 1824

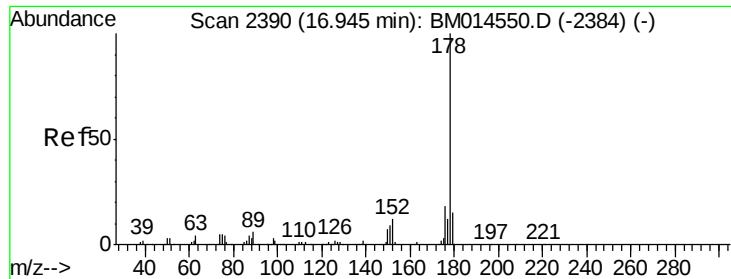
Delta R.T. 0.01 min

Lab File: BM014553.D

Acq: 13 Mar 2018 21:15

Tgt Ion:	163	Resp:	59631
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	12.6	8.2	12.4#





#69

Phenanthrene

Concen: 4.115 ng/ul

RT: 16.95 min Scan# 2391

Delta R.T. 0.01 min

Lab File: BM014553.D

Acq: 13 Mar 2018 21:15

Instrument :

BNA_M

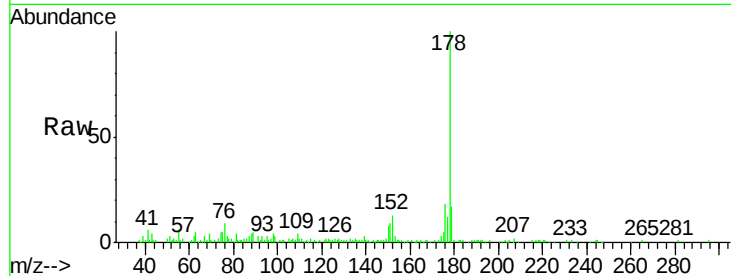
ClientSampleId :

F6F08

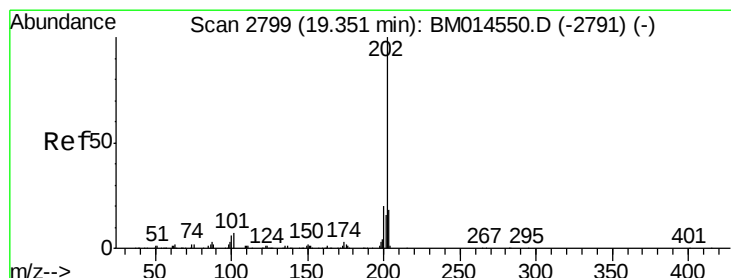
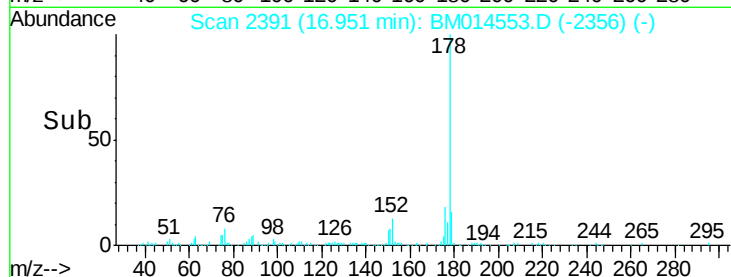
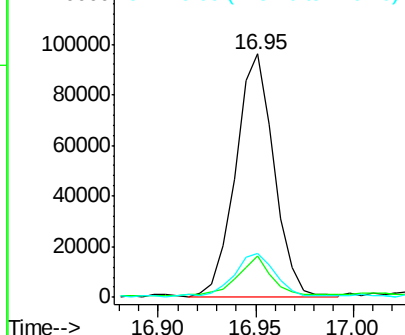
Tot Ion:	178	Resp:	130139
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.6	19.0
176	17.9	14.9	22.3

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: 2.794 ng/ul

RT: 19.35 min Scan# 2799

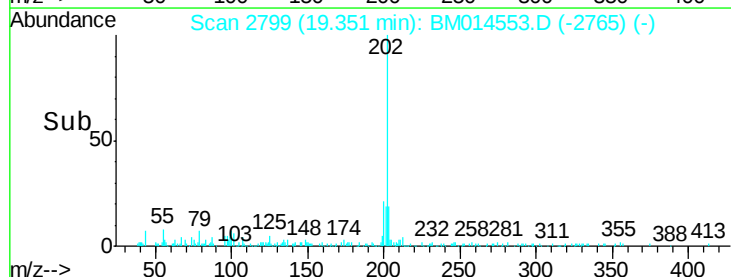
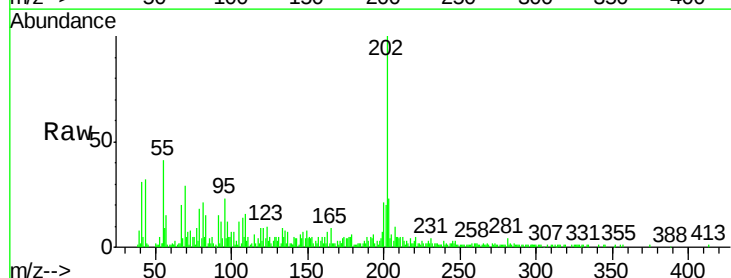
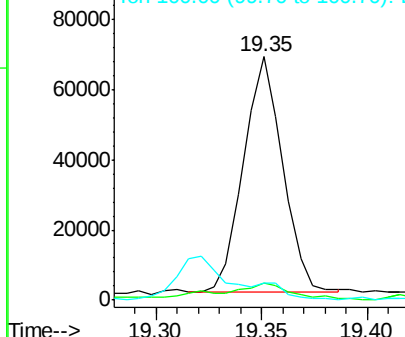
Delta R.T. 0.00 min

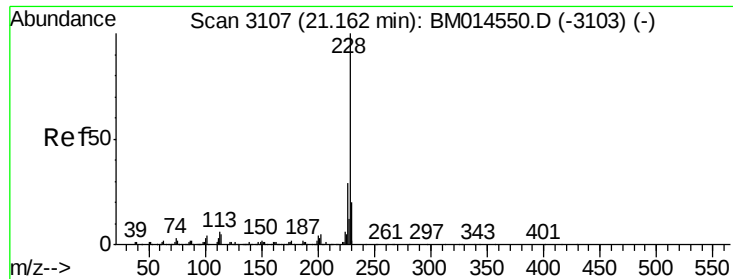
Lab File: BM014553.D

Acq: 13 Mar 2018 21:15

Tgt Ion:	202	Resp:	85909
Ion Ratio	Lower	Upper	
202	100		
101	6.9	5.1	7.7
100	7.2	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





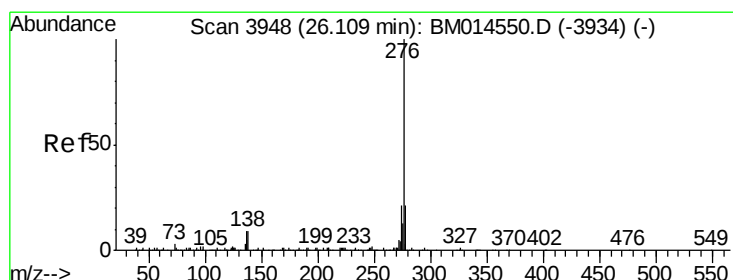
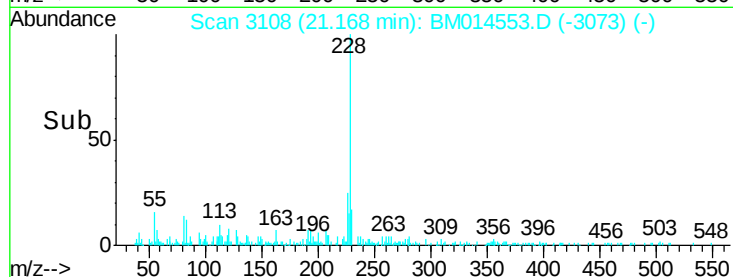
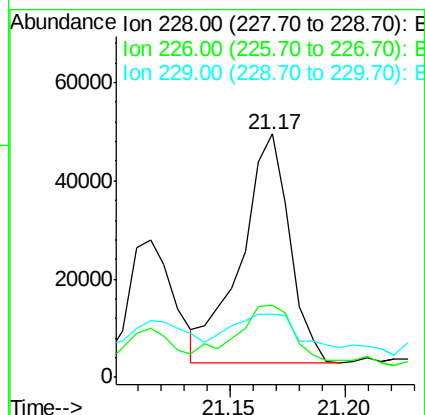
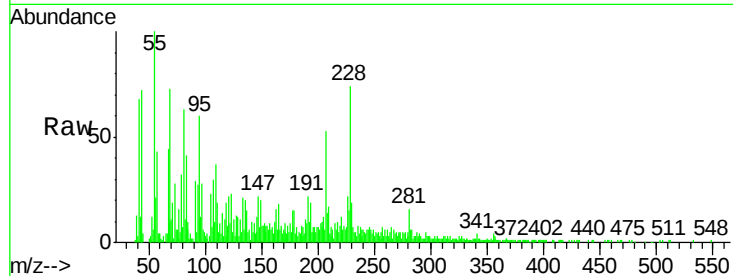
#82
Chrysene
Concen: 2.528 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM014553.D
Acq: 13 Mar 2018 21:15

Instrument :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	26.1	15.5	23.3

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#91
Benzo(g,h,i)perylene
Concen: 1.661 ng/ul
RT: 26.13 min Scan# 3952
Delta R.T. 0.02 min
Lab File: BM014553.D
Acq: 13 Mar 2018 21:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	8.5	12.7
277	37.1	18.6	28.0

