

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
 Data File : BM013009.D
 Acq On : 17 Nov 2017 20:50
 Operator : SJ/JU
 Sample : I6451-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2X0

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:30:24 PM

Quant Time: Nov 17 23:45:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 17 23:30:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	129897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	519050	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	313559	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	762656	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	931195	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	948579	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	18294m	6.52	ng/uL	0.00
5) Phenol-d5	6.89	99	85551	7.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	229153	35.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	259773	28.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	169483	18.39	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	162350	43.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	163824	46.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	310154	34.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1966	0.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1128122	41.02	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1325485	37.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	37221	8.92	ng/ul	0.00
57) Fluorene-d10	15.36	176	950163	40.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	150061	45.38	ng/ul	0.00
70) Anthracene-d10	17.20	188	1586692	40.64	ng/ul	0.00
76) Pyrene-d10	19.50	212	1858253	39.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	2026496	42.13	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.28	88	3992m	1.296	ng/uL
6) Phenol	6.91	94	64140	5.776	ng/ul# 88
24) 2,4-Dimethylphenol	9.68	107	18181	1.805	ng/ul 91
28) Naphthalene	10.55	128	64274	2.403	ng/ul 96

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

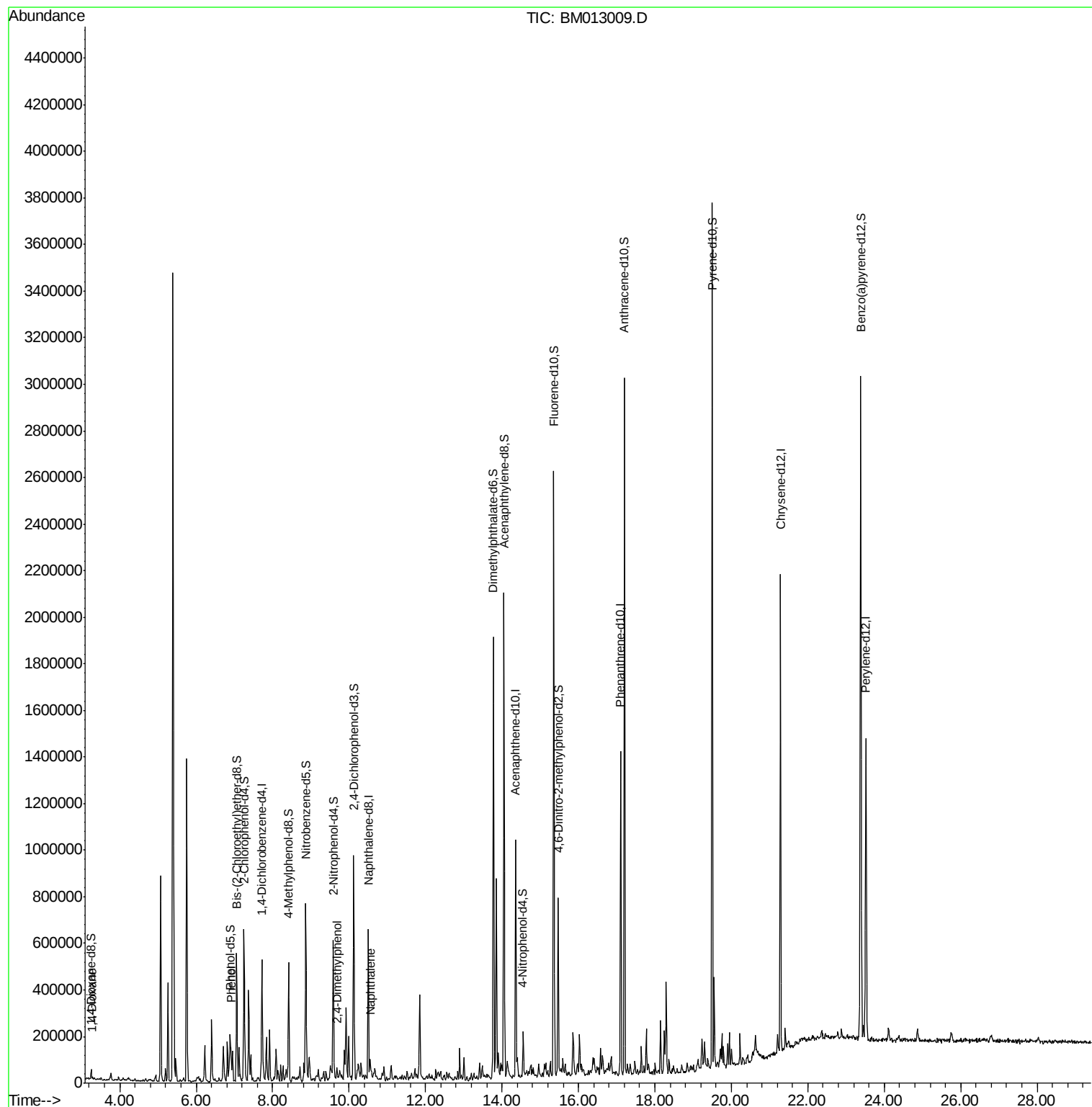
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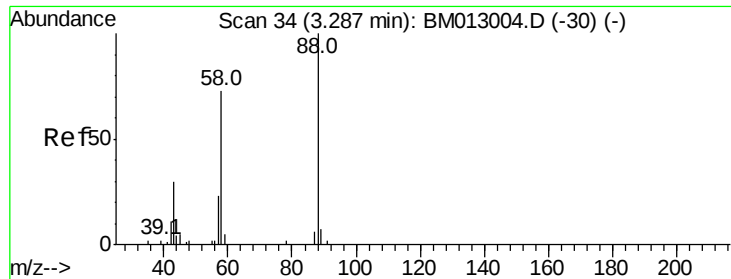
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#2

1,4-Dioxane

Concen: 1.296 ng/uL m

RT: 3.28 min Scan# 33

Delta R.T. -0.01 min

Lab File: BM013009.D

Acq: 17 Nov 2017 20:50

Instrument :

BNA_M

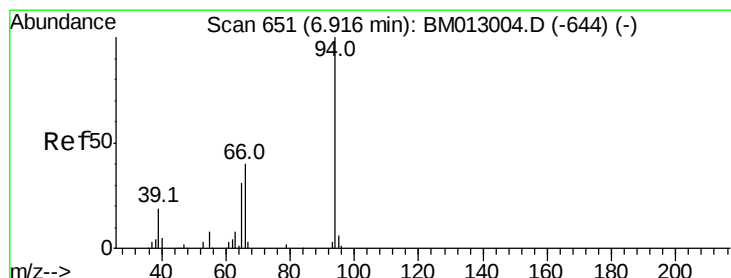
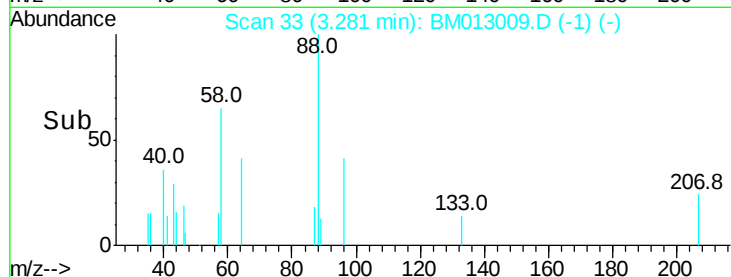
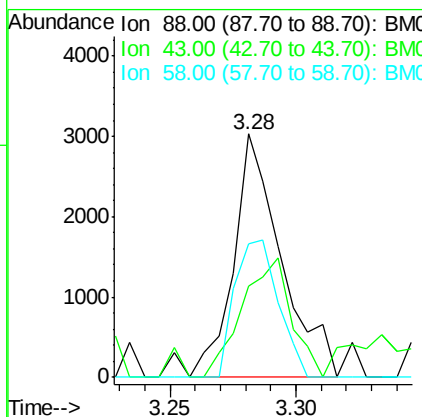
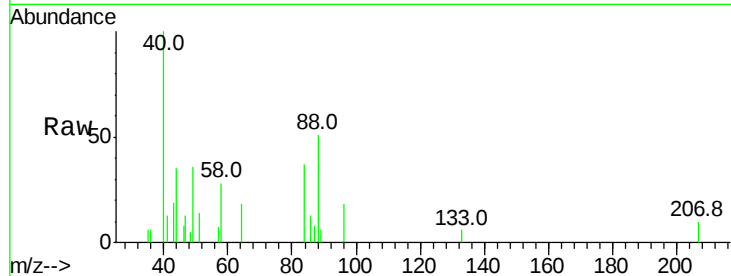
ClientSampleId :

BE2X0

Tot Ion	Ratio	Lower	Upper
88	100		
43	50.4	48.0	72.0
58	51.4	80.0	120.0#

Manual Integrations
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#6

Phenol

Concen: 5.776 ng/uL

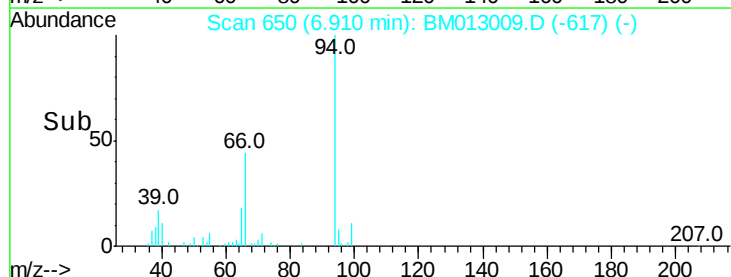
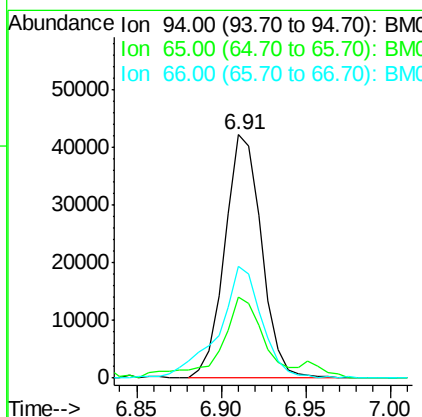
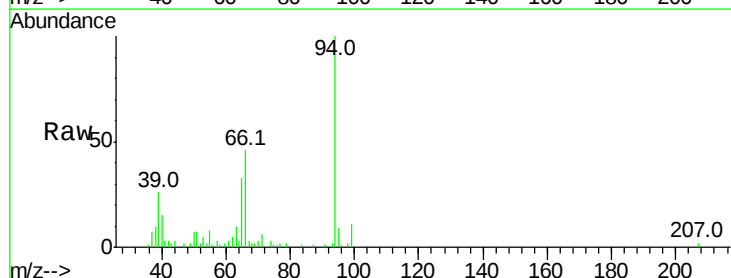
RT: 6.91 min Scan# 650

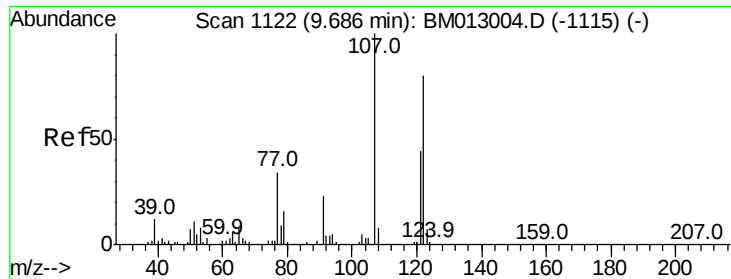
Delta R.T. -0.01 min

Lab File: BM013009.D

Acq: 17 Nov 2017 20:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.1	28.2	42.4
66	45.8	47.2	70.8#





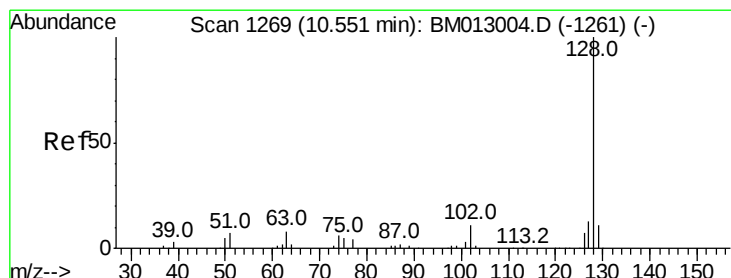
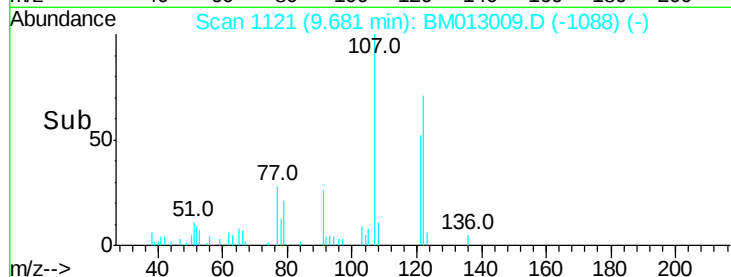
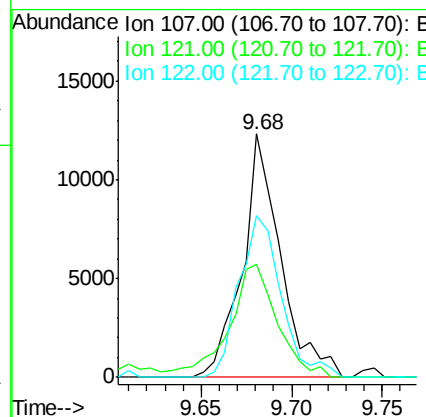
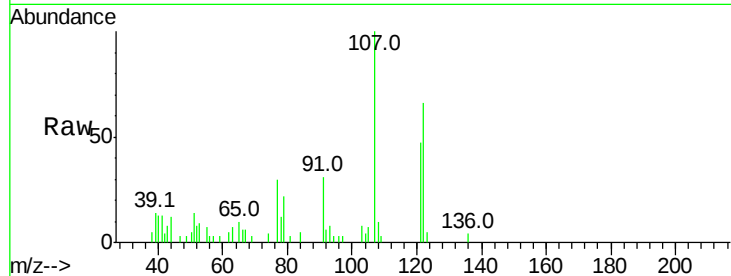
#24
2,4-Dimethylphenol
Concen: 1.805 ng/ul
RT: 9.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BM013009.D
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Instrument :
BNA_M
ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
107	100	18181		
121	46.7	31.9	47.9	
122	66.2	57.8	86.6	

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#28
Naphthalene
Concen: 2.403 ng/ul
RT: 10.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM013009.D
Acq: 17 Nov 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	64274		
129	9.9	8.8	13.2	
127	15.3	10.6	16.0	

