

Data File : BM013410.D
Acq On : 14 Dec 2017 19:57
Operator : SJ/JU
Sample : I6900-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9C06

Quant Time: Dec 15 04:56:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	147781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	634488	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	417033	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1057072	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1376314	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1422835	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	17903	6.00	ng/uL	0.00
5) Phenol-d5	6.86	99	62016	4.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	207308	28.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	217458	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	135792	12.43	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	152256	30.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	168793	31.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	284085	25.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	777	0.08	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	1143774	30.82	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1362788	29.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	27950	4.33	ng/ul	0.00
57) Fluorene-d10	15.32	176	970213	30.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	188468	28.34	ng/ul	0.00
70) Anthracene-d10	17.17	188	1628420	30.76	ng/ul	0.00
76) Pyrene-d10	19.47	212	1960904	28.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	2188629	30.20	ng/ul	0.00

Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.64	107	58829	4.83	ng/ul#	86
49) Acenaphthene	14.38	153	32878	1.14	ng/ul	96
69) Phenanthrene	17.11	178	64023	1.07	ng/ul	98
71) Anthracene	17.11	178	64023	1.04	ng/ul	97

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

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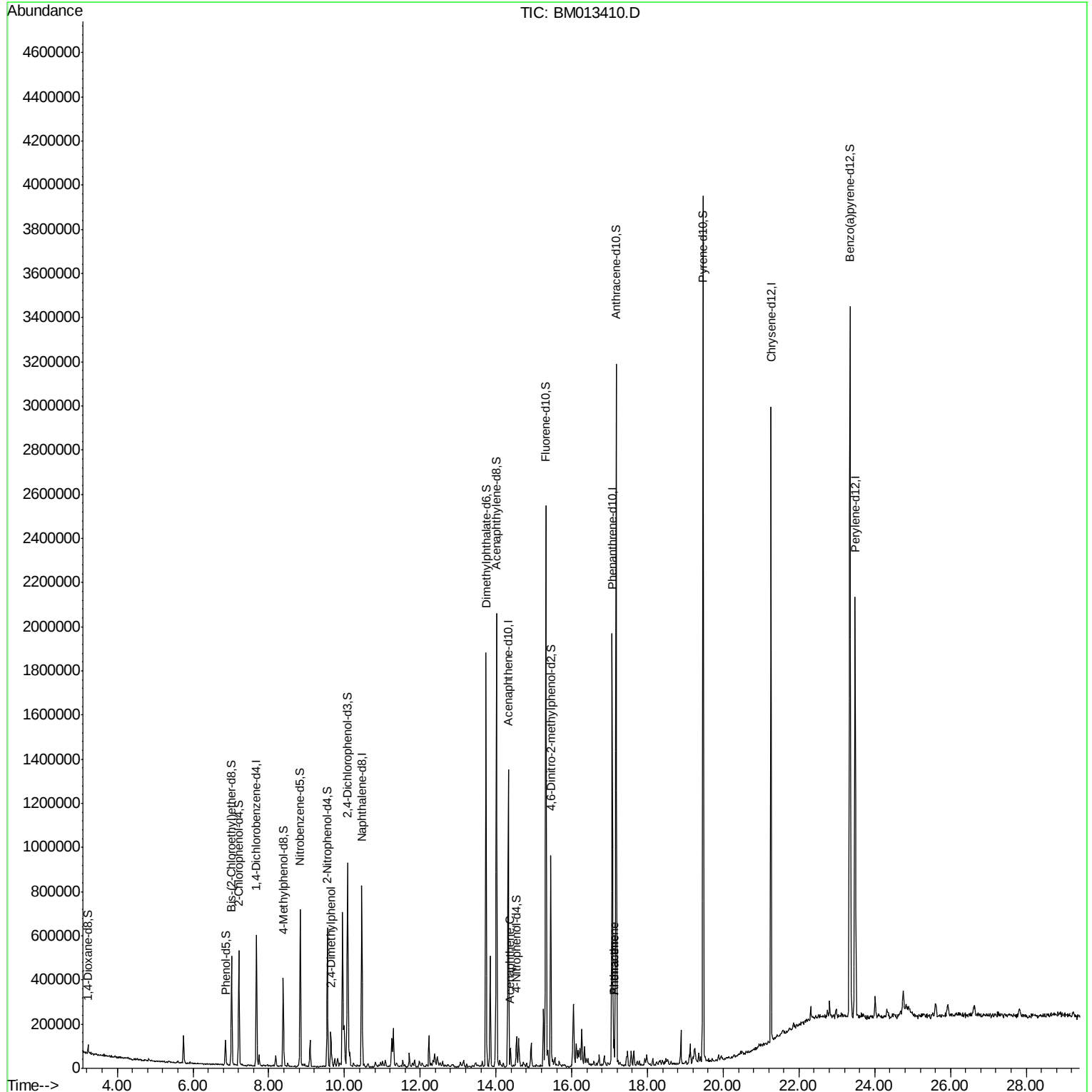
Quant Time: Dec 15 04:56:47 2017

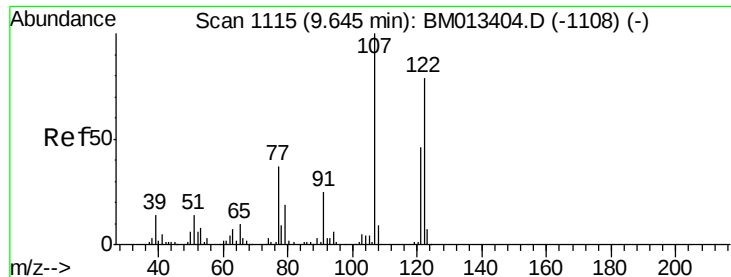
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#24

2,4-Dimethylphenol

Concen: 4.83 ng/ul

RT: 9.64 min Scan# 1114

Delta R.T. -0.01 min

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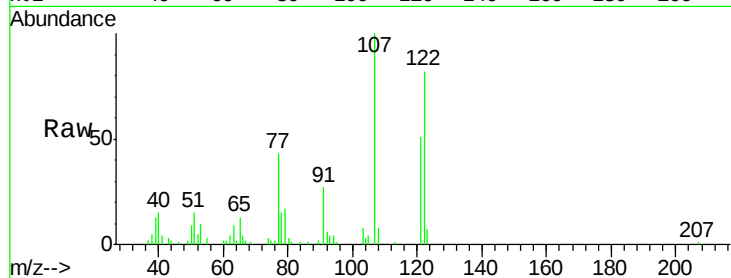
Tgt Ion:107 Resp: 58829

Ion Ratio Lower Upper

107 100

121 51.2 31.9 47.9#

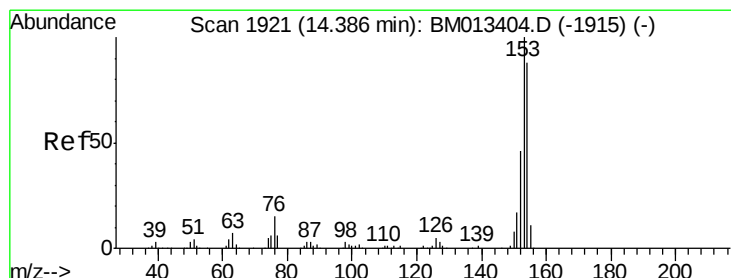
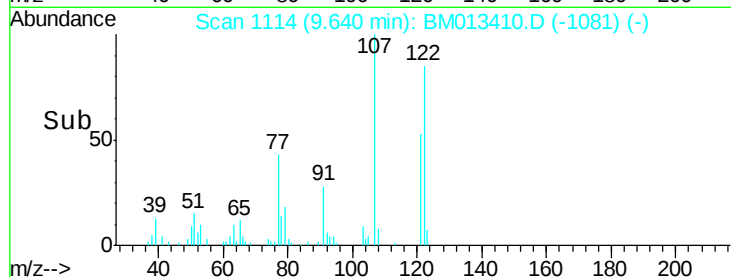
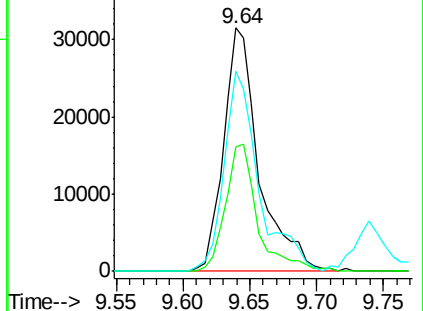
122 82.4 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#49

Acenaphthene

Concen: 1.14 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.01 min

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Acq: 14 Dec 2017 19:57

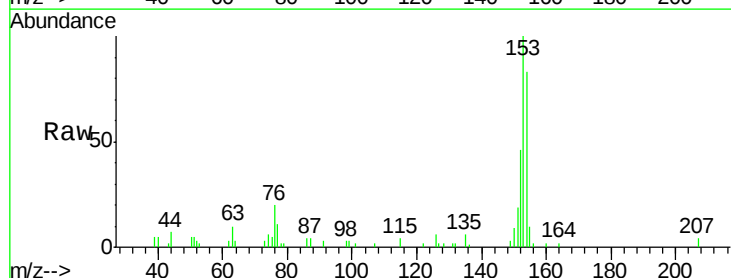
Tgt Ion:153 Resp: 32878

Ion Ratio Lower Upper

153 100

152 45.7 37.6 56.4

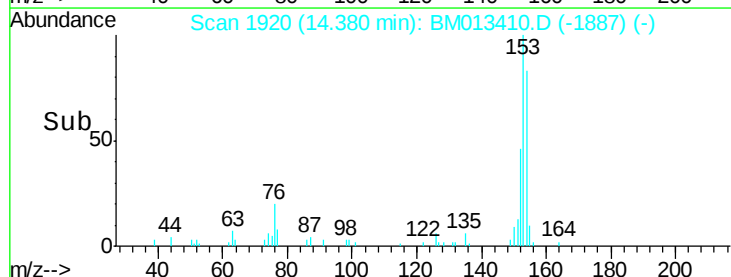
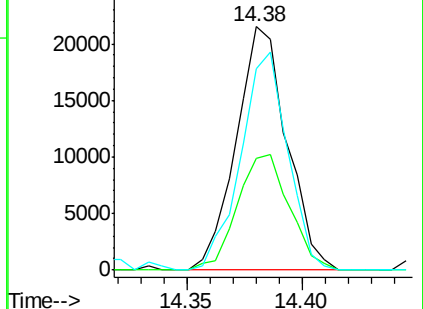
154 82.8 70.4 105.6

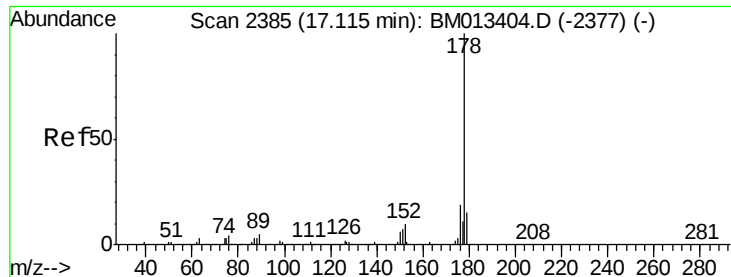


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#69

Phenanthrene

Concen: 1.07 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

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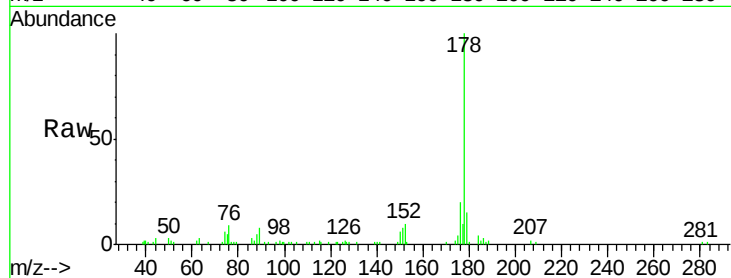
Tgt Ion:178 Resp: 64023

Ion Ratio Lower Upper

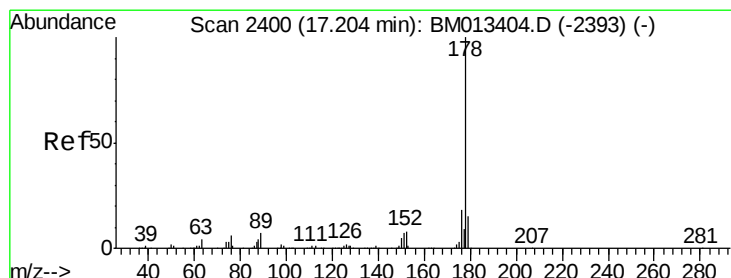
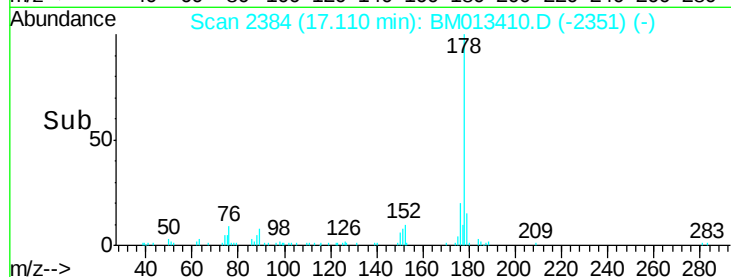
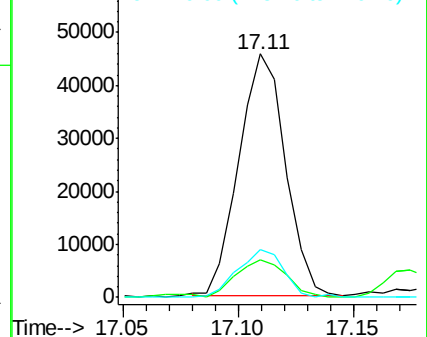
178 100

179 15.5 12.6 19.0

176 19.6 14.9 22.3



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



#71

Anthracene

Concen: 1.04 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.09 min

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Acq: 14 Dec 2017 19:57

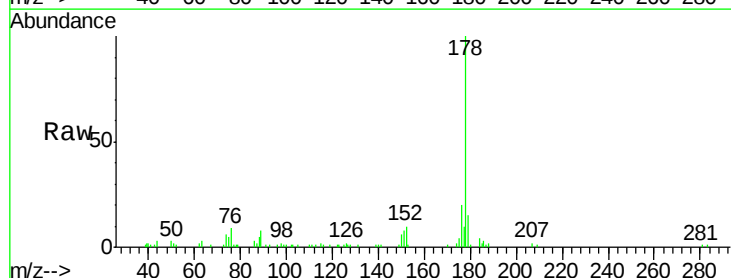
Tgt Ion:178 Resp: 64023

Ion Ratio Lower Upper

178 100

179 15.5 11.7 17.5

176 19.6 14.6 21.8



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

