

Data File : BM010345.D
Acq On : 31 May 2017 23:08
Operator : SJ/MA
Sample : I3164-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Quant Time: Jun 01 01:29:56 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 01 01:28:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	365705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1356721	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	833047	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1864049	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	2237985	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	2233986	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	31624	3.55	ng/uL	0.00
5) Phenol-d5	7.10	99	585827	21.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	353707	22.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	504369	22.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	494548	22.12	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	242558	24.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	280793	24.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	563408	23.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	19384	0.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1832749	26.48	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	2041595	25.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	121353	11.72	ng/ul	0.00
57) Fluorene-d10	15.54	176	1521419	25.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	276979	20.98	ng/ul	0.00
70) Anthracene-d10	17.40	188	2327561	25.66	ng/ul	0.00
76) Pyrene-d10	19.69	212	2804370	30.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	2732214	26.27	ng/ul	0.00

Target Compounds						Qvalue
6) Phenol	7.13	94	82407	2.90	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.32	93	32526	1.65	ng/ul#	32
44) Dimethylphthalate	14.02	163	334357	4.91	ng/ul	98

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

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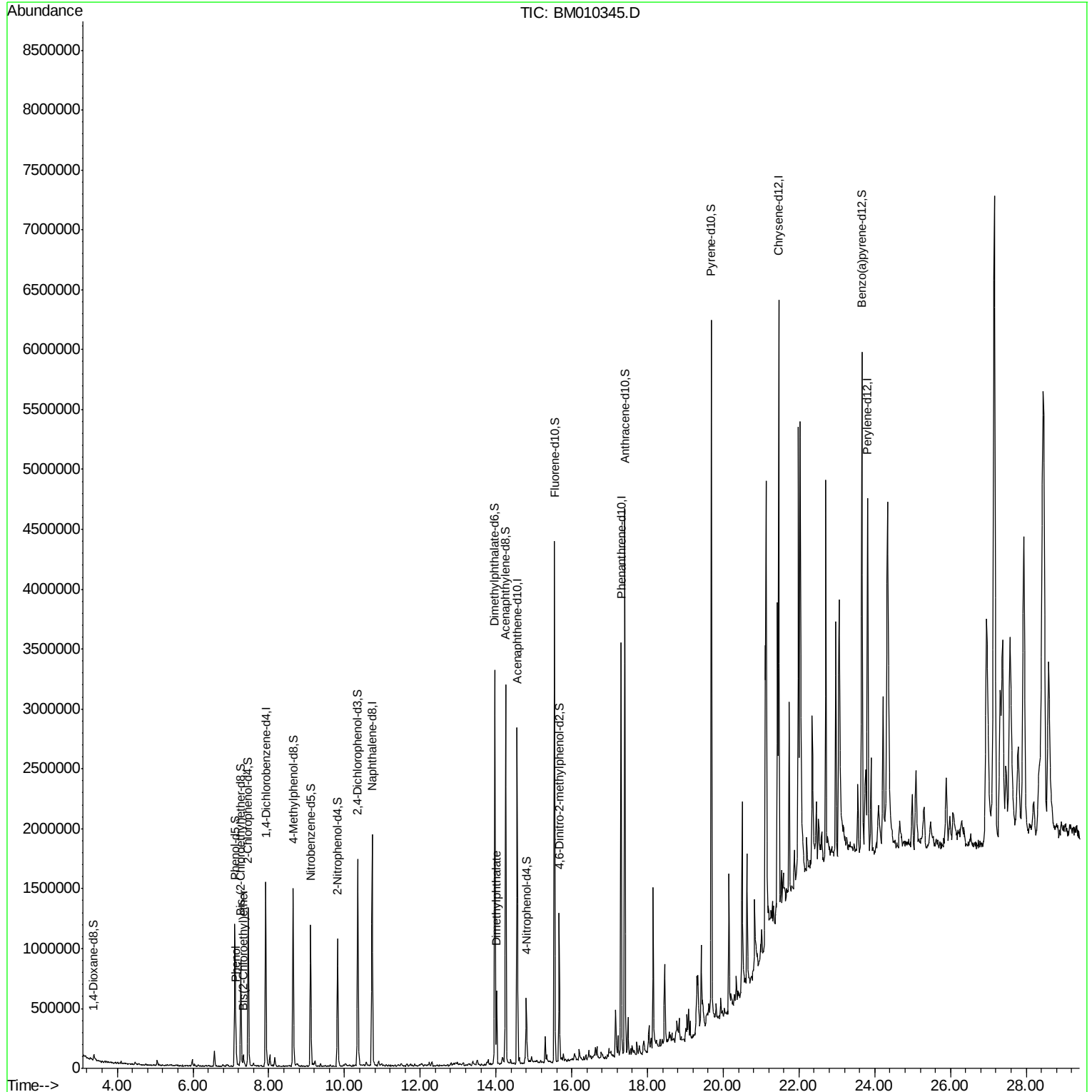
Quant Time: Jun 01 01:29:56 2017

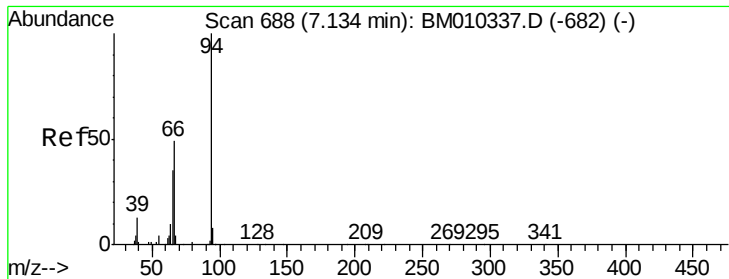
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

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#6

Phenol

Concen: 2.90 ng/ul

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

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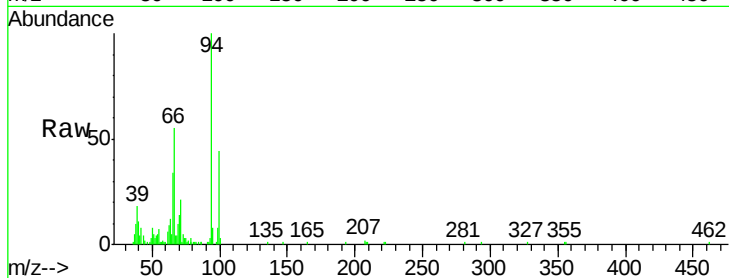
Tgt Ion: 94 Resp: 82407

Ion Ratio Lower Upper

94 100

65 33.5 28.2 42.4

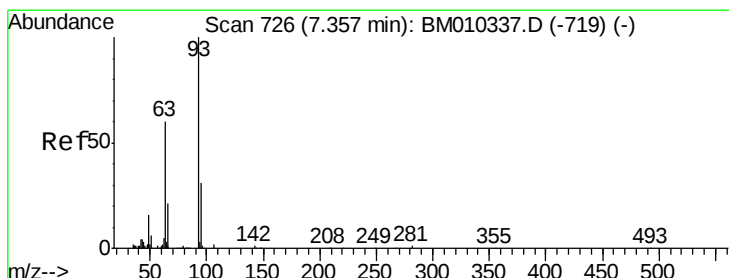
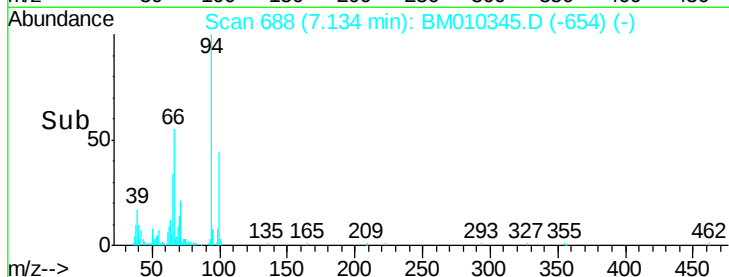
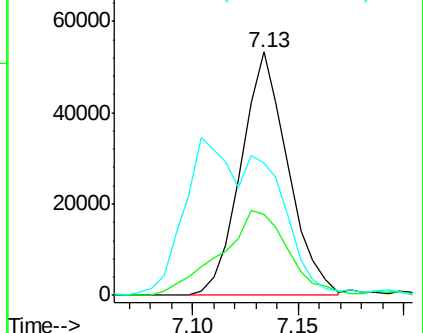
66 54.6 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010337.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM010337.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM010337.D (-682) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 1.65 ng/ul

RT: 7.32 min Scan# 720

Delta R.T. -0.04 min

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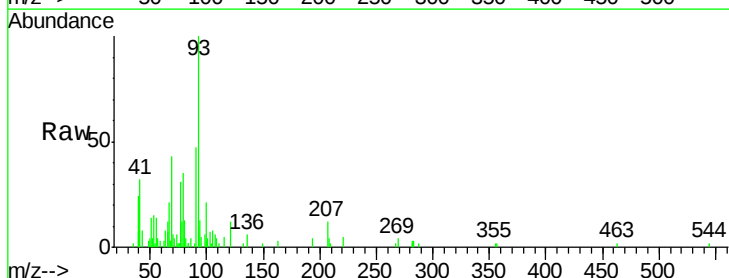
Tgt Ion: 93 Resp: 32526

Ion Ratio Lower Upper

93 100

63 7.9 57.3 85.9#

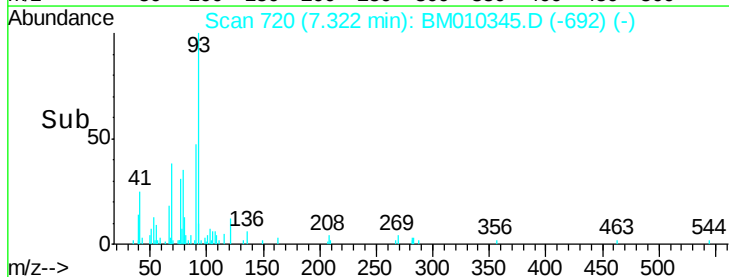
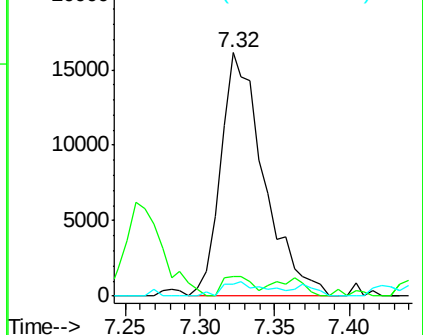
95 4.8 26.6 39.8#

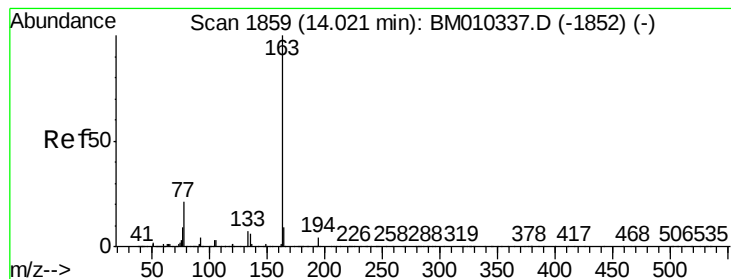


Abundance Ion 93.00 (92.70 to 93.70): BM010337.D (-719) (-)

Ion 63.00 (62.70 to 63.70): BM010337.D (-719) (-)

Ion 95.00 (94.70 to 95.70): BM010337.D (-719) (-)





#44

Dimethylphthalate

Concen: 4.91 ng/ul

RT: 14.02 min Scan# 1858

Delta R.T. -0.01 min

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Tgt Ion:163 Resp: 334357

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 9.5 8.2 12.4

