

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021418\
 Data File : BM014256.D
 Acq On : 15 Feb 2018 02:51
 Operator : SJ/JU
 Sample : J1553-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 15 04:02:36 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 15 01:12:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	79276	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	381288	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	247184	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	595629	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	630126	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	564289	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	12437	6.72	ng/uL	0.00
5) Phenol-d5	6.74	99	49030	7.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	129501	31.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	140840	27.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	100829	17.20	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	94668	33.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	104524	35.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	6068	1.00	ng/ul	0.09
29) 4-Chloroaniline-d4	10.31	131	279	0.05	ng/ul	-0.16
43) Dimethylphthalate-d6	13.62	166	707552	34.66	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	870497	34.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	1980	0.70	ng/ul	0.08
57) Fluorene-d10	15.19	176	629524	34.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	90443	25.31	ng/ul	0.00
70) Anthracene-d10	17.05	188	995763	34.65	ng/ul	0.00
76) Pyrene-d10	19.36	212	1177772	36.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	934154	34.01	ng/ul	0.00

Target Compounds

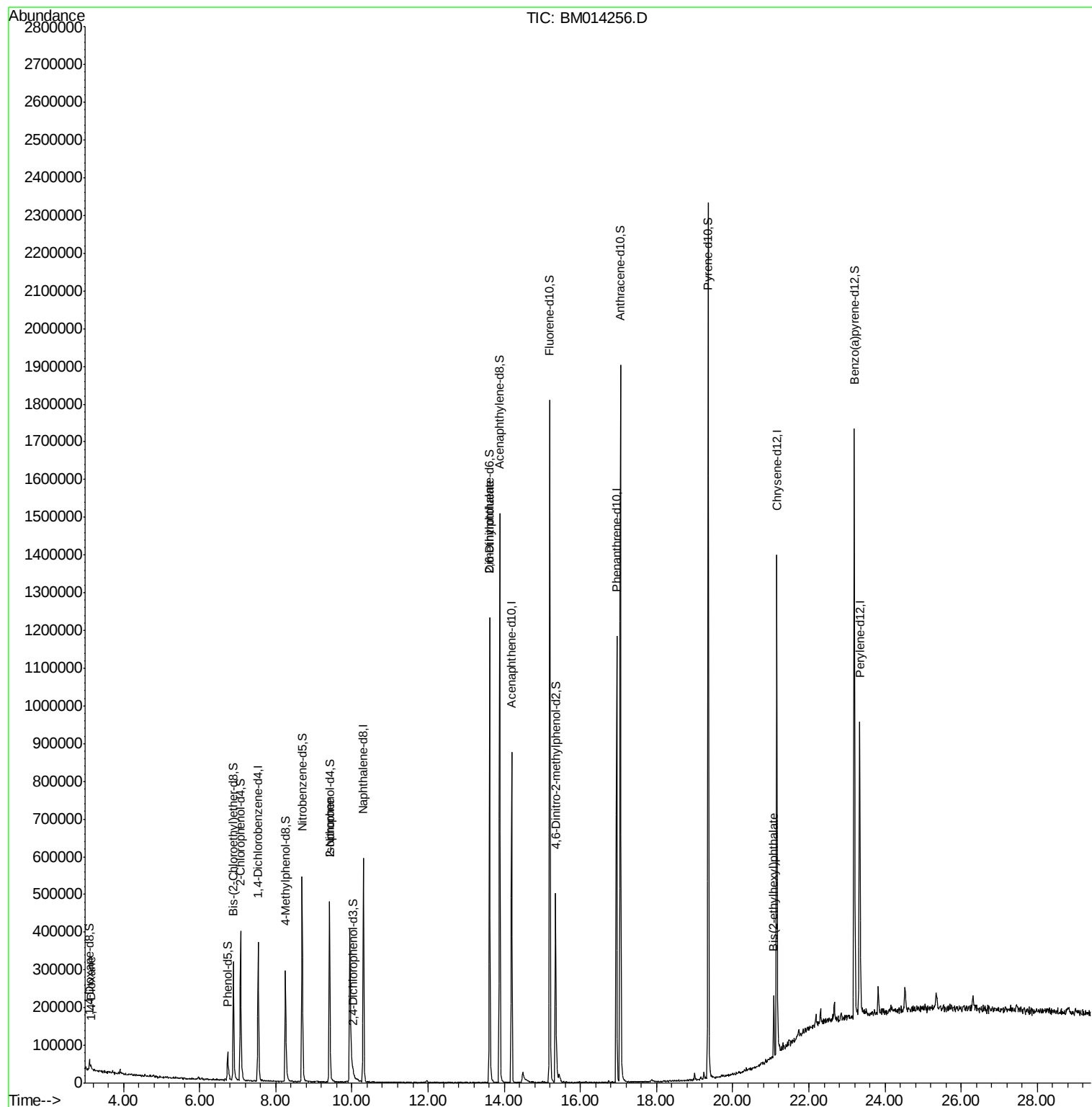
				Ovalue	
2) 1,4-Dioxane	3.15	88	5102	2.480	ng/uL# 63
21) Isophorone	9.41	82	14690	1.031	ng/ul# 76
45) 2,6-Dinitrotoluene	13.62	165	4249	1.111	ng/ul# 25
81) Bis(2-ethylhexyl)phthalate	21.07	149	49564	1.999	ng/ul# 94

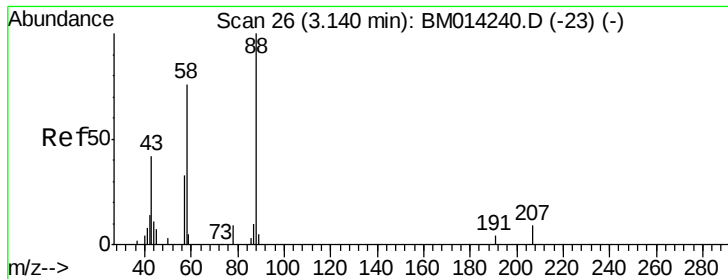
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.480 ng/uL

RT: 3.15 min Scan# 27

Delta R.T. 0.01 min

Lab File: BM014256.D

Acq: 15 Feb 2018 02:51

Instrument :

BNA_M

ClientSampleId :

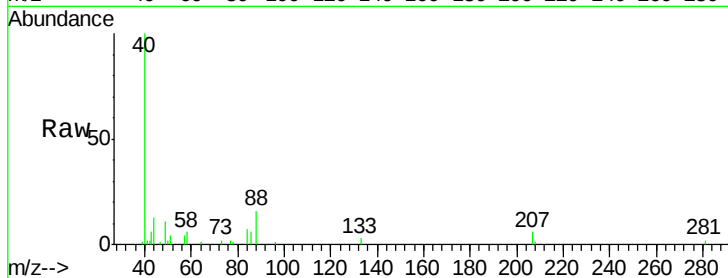
Tot Ion: 88 Resp: 5102

Ion Ratio Lower Upper

88 100

43 32.8 48.0 72.0#

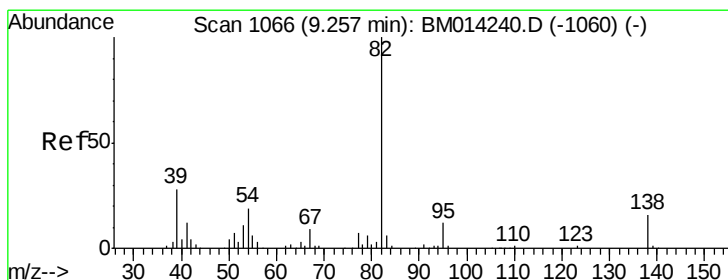
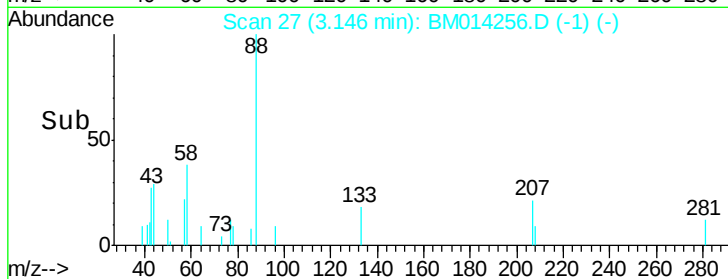
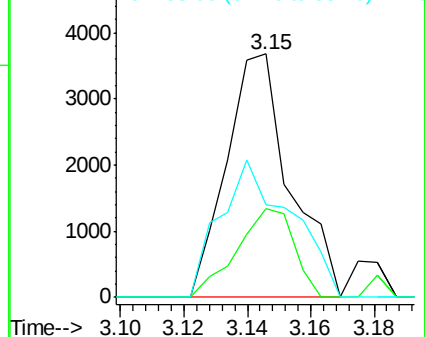
58 62.9 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014240.D (-23) (-)

Ion 43.00 (42.70 to 43.70): BM014240.D (-23) (-)

Ion 58.00 (57.70 to 58.70): BM014240.D (-23) (-)



#21

Isophorone

Concen: 1.031 ng/uL

RT: 9.41 min Scan# 1092

Delta R.T. 0.15 min

Lab File: BM014256.D

Acq: 15 Feb 2018 02:51

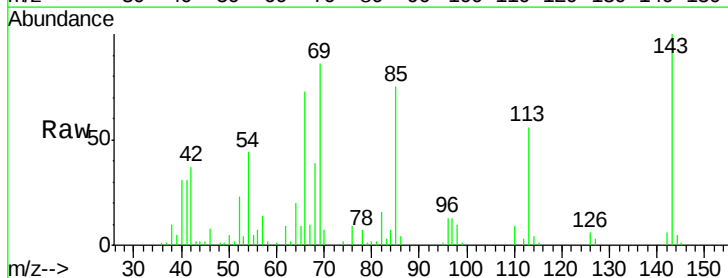
Tgt Ion: 82 Resp: 14690

Ion Ratio Lower Upper

82 100

95 7.5 7.8 11.8#

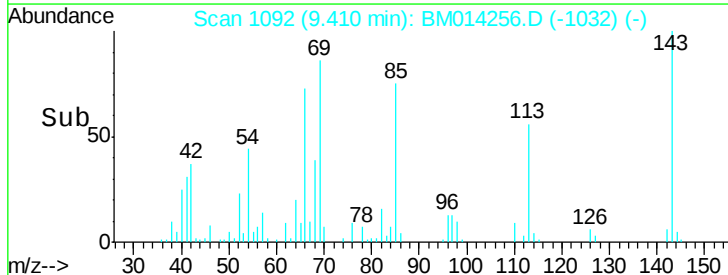
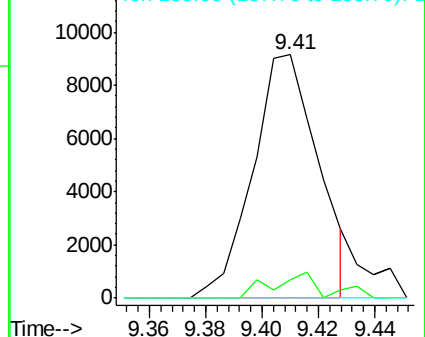
138 0.0 11.9 17.9#

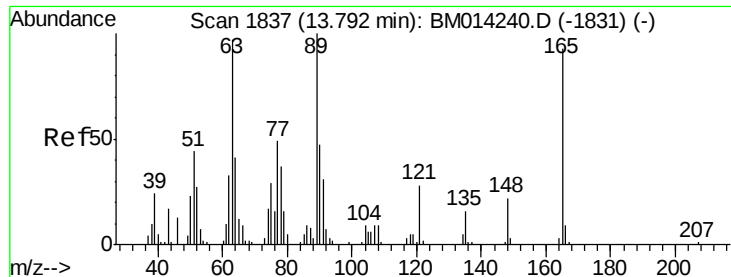


Abundance Ion 82.00 (81.70 to 82.70): BM014240.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BM014240.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM014240.D (-1060) (-)

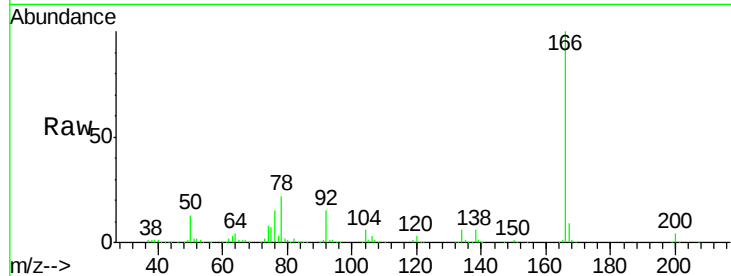




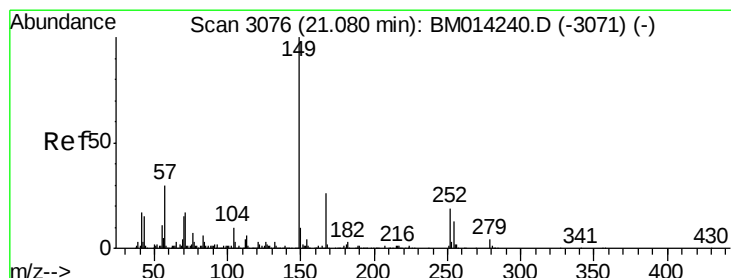
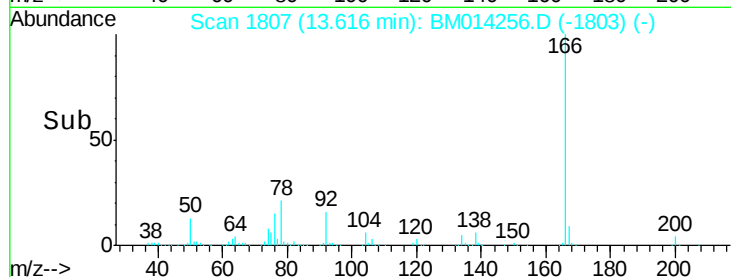
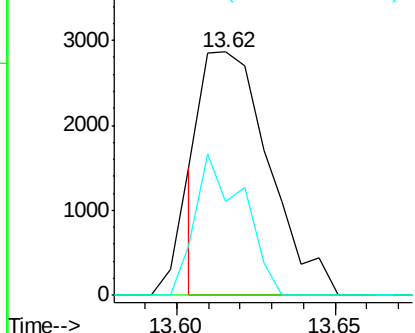
#45
 2,6-Dinitrotoluene
 Concen: 1.111 ng/ul
 RT: 13.62 min Scan# 1807
 Delta R.T. -0.18 min
 Lab File: BM014256.D
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Instrument :
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Tot Ion:165 Resp: 4249
 Ion Ratio Lower Upper
 165 100
 89 0.0 52.6 79.0#
 121 38.3 14.6 22.0#

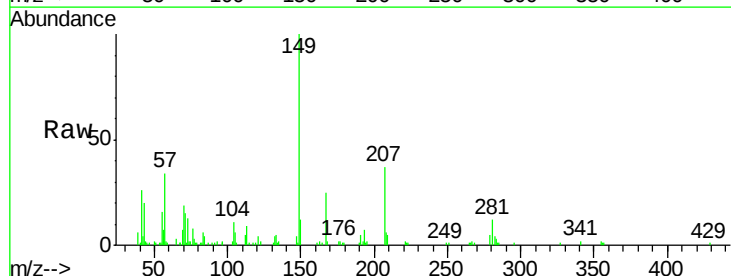


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.999 ng/ul
 RT: 21.07 min Scan# 3075
 Delta R.T. -0.01 min
 Lab File: BM014256.D
 Acq: 15 Feb 2018 02:51

Tgt Ion:149 Resp: 49564
 Ion Ratio Lower Upper
 149 100
 167 25.2 22.8 34.2
 279 4.8 4.9 7.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

