

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021418\
 Data File : BM014244.D
 Acq On : 14 Feb 2018 19:39
 Operator : SJ/JU
 Sample : J1553-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 15 01:13:42 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	7.54	152	62887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	281764	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	185867	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	447268	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	438262	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	391633	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	10077	6.86	ng/uL	0.00
5) Phenol-d5	6.74	99	34416	6.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	103394	32.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	106246	26.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	66858	14.38	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	71385	34.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	75731	35.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	92497	20.72	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.62	166	528627	34.44	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	638376	33.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	2472	1.17	ng/ul	0.06
57) Fluorene-d10	15.19	176	471055	34.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	714	0.27	ng/ul	0.11
70) Anthracene-d10	16.95	188	447268	20.73	ng/ul	-0.10
76) Pyrene-d10	19.36	212	863756	38.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	637089	33.42	ng/ul	0.00

Target Compounds

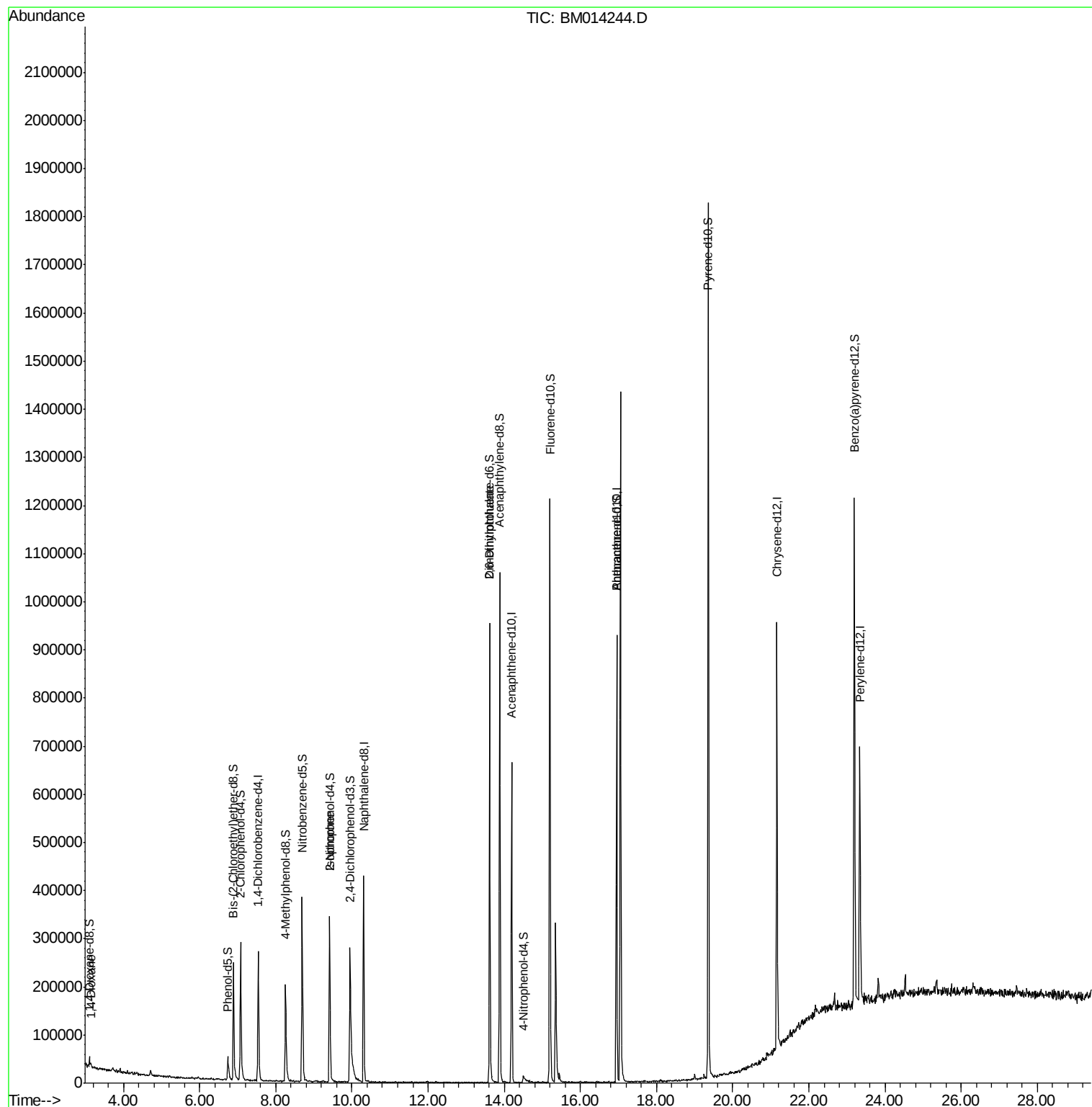
					Ovalue	
2) 1,4-Dioxane	3.15	88	4586	2.810	ng/uL#	63
21) Isophorone	9.41	82	11272	1.070	ng/ul#	68
45) 2,6-Dinitrotoluene	13.62	165	4318	1.502	ng/ul#	33

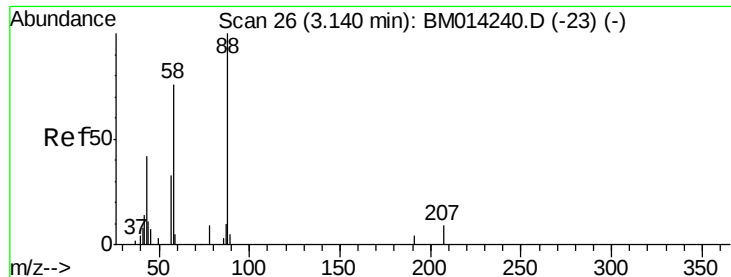
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.810 ng/uL

RT: 3.15 min Scan# 27

Delta R.T. 0.01 min

Lab File: BM014244.D

Acq: 14 Feb 2018 19:39

Instrument :

BNA_M

ClientSampleId :

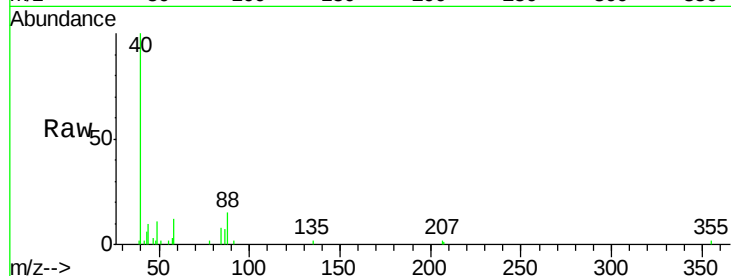
Tot Ion: 88 Resp: 4586

Ion Ratio Lower Upper

88 100

43 35.5 48.0 72.0#

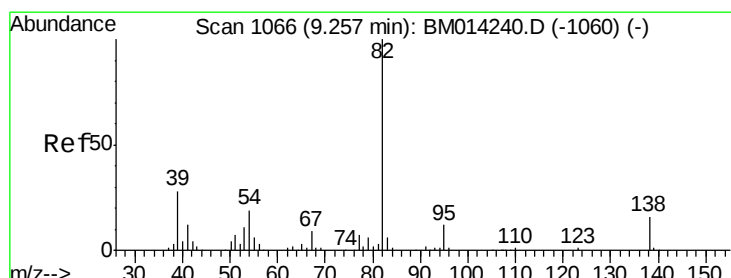
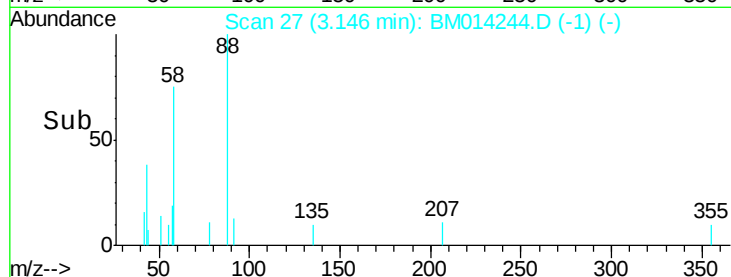
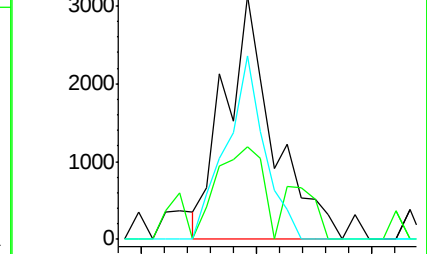
58 59.6 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014244.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM014244.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM014244.D (-1) (-)



#21

Isophorone

Concen: 1.070 ng/uL

RT: 9.41 min Scan# 1092

Delta R.T. 0.15 min

Lab File: BM014244.D

Acq: 14 Feb 2018 19:39

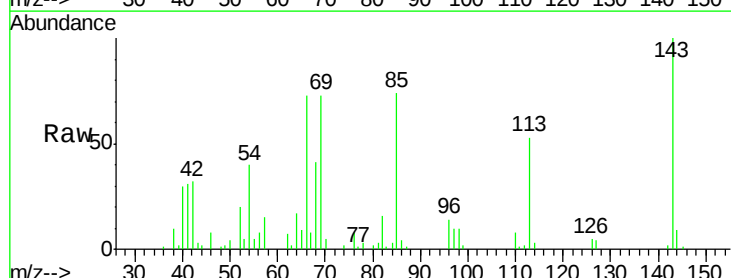
Tgt Ion: 82 Resp: 11272

Ion Ratio Lower Upper

82 100

95 0.0 7.8 11.8#

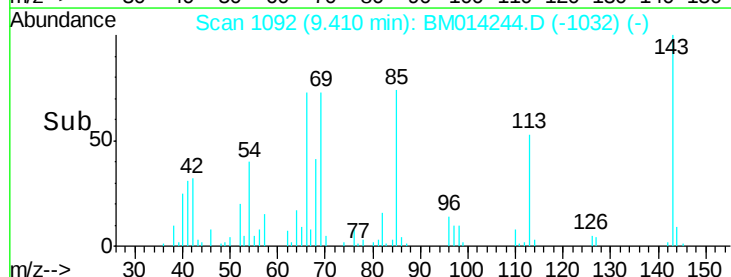
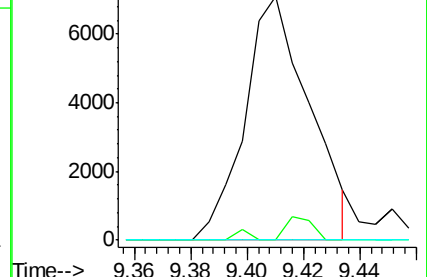
138 0.0 11.9 17.9#

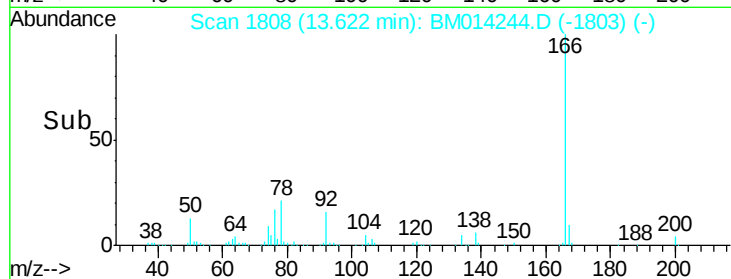
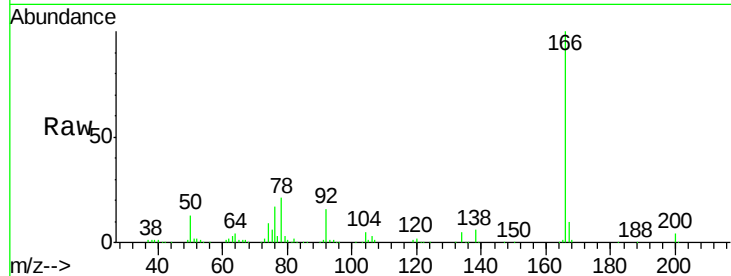
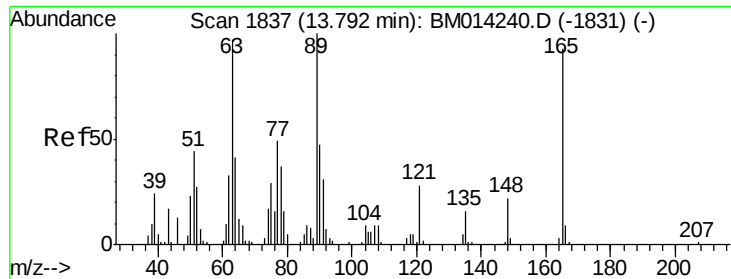


Abundance Ion 82.00 (81.70 to 82.70): BM014244.D (-1032) (-)

Ion 95.00 (94.70 to 95.70): BM014244.D (-1032) (-)

Ion 138.00 (137.70 to 138.70): BM014244.D (-1032) (-)





#45

2,6-Dinitrotoluene

Concen: 1.502 ng/ul

RT: 13.62 min Scan# 1808

Delta R.T. -0.17 min

Lab File: BM014244.D

Acq: 14 Feb 2018 19:39

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 4318

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 13.0 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

