

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
 Data File : BM014309.D
 Acq On : 20 Feb 2018 00:39
 Operator : SJ/JU
 Sample : J1570-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 20 03:27:53 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 20 01:37:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	70973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	315963	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	212719	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	512030	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	529379	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	476908	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	10143	6.12	ng/uL	0.00
5) Phenol-d5	6.74	99	36423	6.07	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.88	67	116321	32.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	117385	25.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	78913	15.03	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	75688	32.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	79867	33.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	9270	1.85	ng/ul	0.10
29) 4-Chloroaniline-d4	10.30	131	258	0.05	ng/ul	-0.16
43) Dimethylphthalate-d6	13.61	166	613079	34.90	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	741054	34.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	1987	0.82	ng/ul	0.06
57) Fluorene-d10	15.19	176	541268	34.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	83001	27.02	ng/ul	0.00
70) Anthracene-d10	17.04	188	874064	35.38	ng/ul	0.00
76) Pyrene-d10	19.35	212	997244	36.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	801221	34.52	ng/ul	0.00

Target Compounds

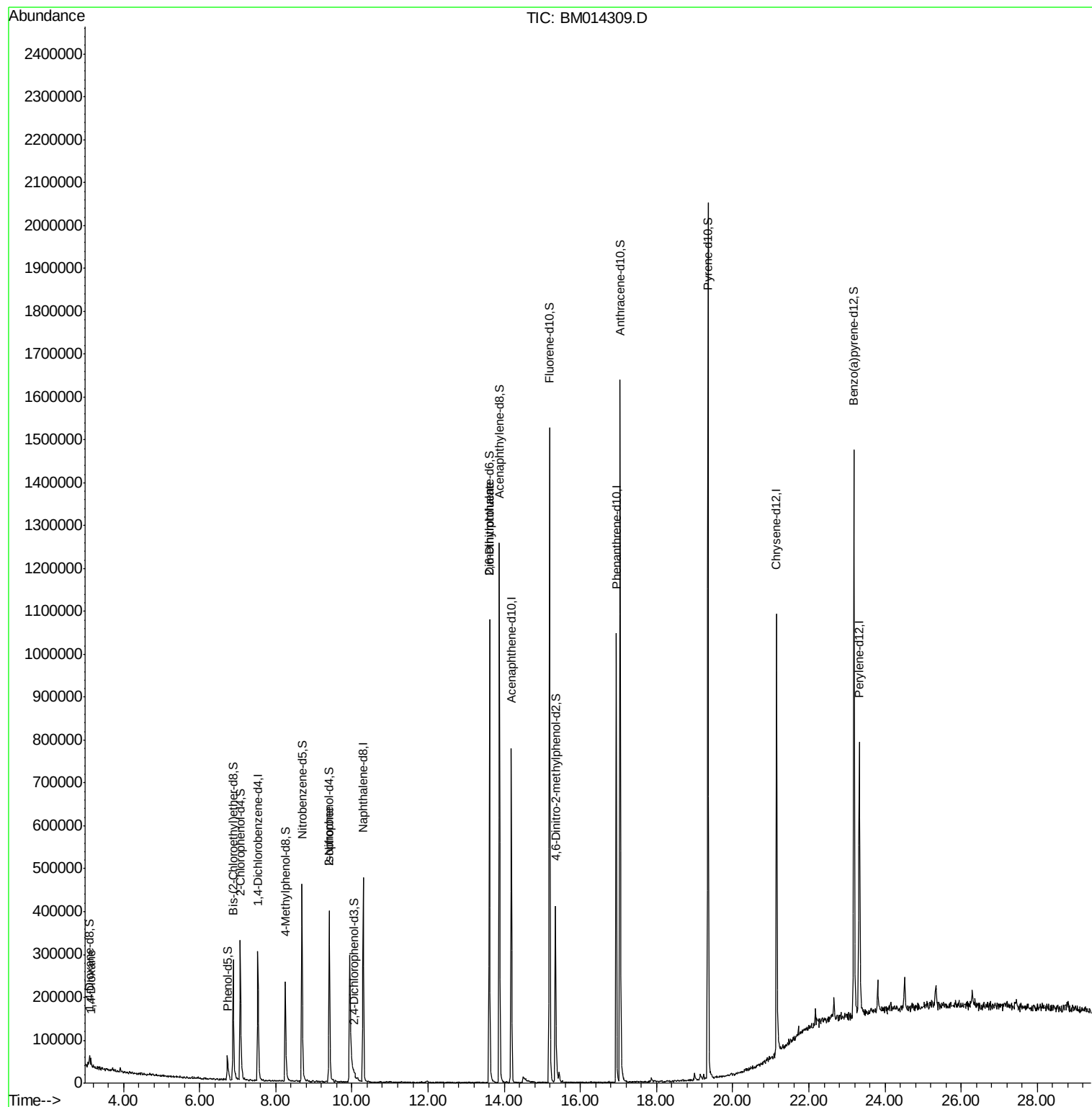
				Ovalue	
2) 1,4-Dioxane	3.14	88	8106	4.400	ng/uL# 69
21) Isophorone	9.40	82	12554	1.063	ng/ul# 75
45) 2,6-Dinitrotoluene	13.62	165	3924	1.192	ng/ul# 32

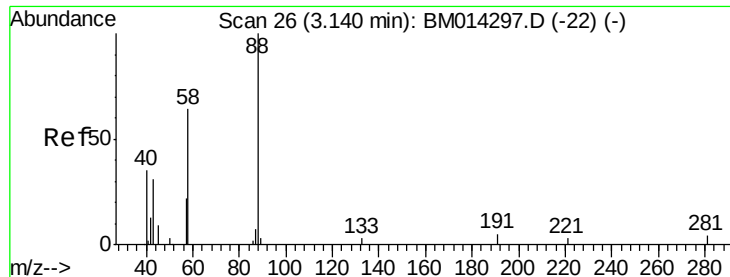
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 4.400 ng/uL

RT: 3.14 min Scan# 26

Delta R.T. 0.00 min

Lab File: BM014309.D

Acq: 20 Feb 2018 00:39

Instrument :

BNA_M

ClientSampleId :

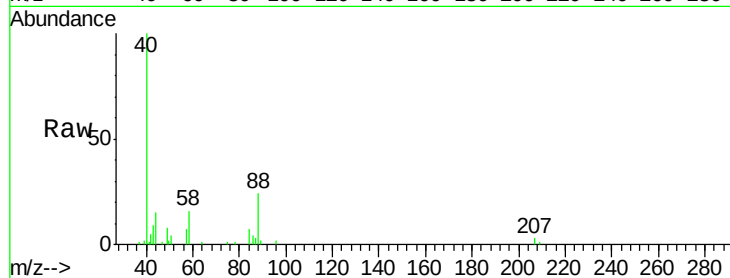
Tot Ion: 88 Resp: 8106

Ion Ratio Lower Upper

88 100

43 44.7 48.0 72.0#

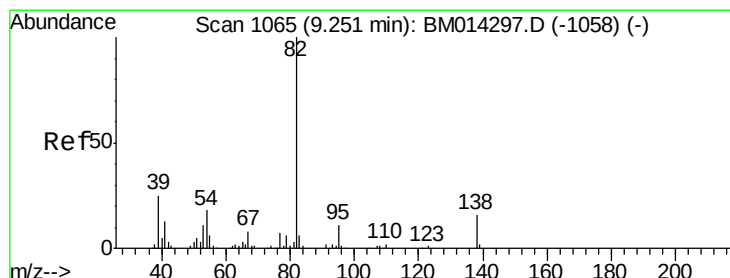
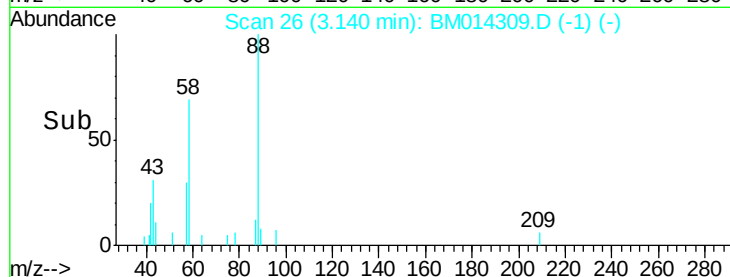
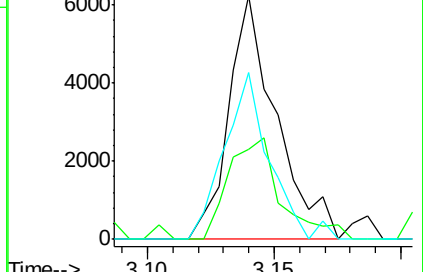
58 62.9 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014297.D (-22) (-)

Ion 43.00 (42.70 to 43.70): BM014297.D (-22) (-)

Ion 58.00 (57.70 to 58.70): BM014297.D (-22) (-)



#21

Isophorone

Concen: 1.063 ng/uL

RT: 9.40 min Scan# 1091

Delta R.T. 0.15 min

Lab File: BM014309.D

Acq: 20 Feb 2018 00:39

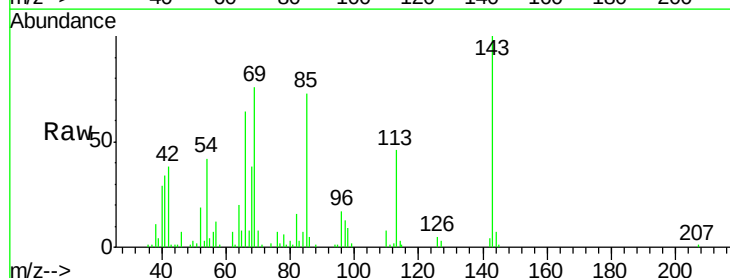
Tgt Ion: 82 Resp: 12554

Ion Ratio Lower Upper

82 100

95 7.0 7.8 11.8#

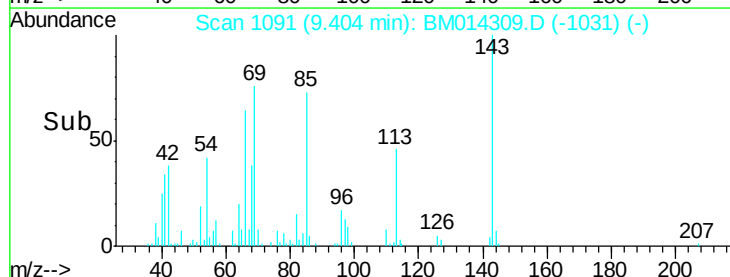
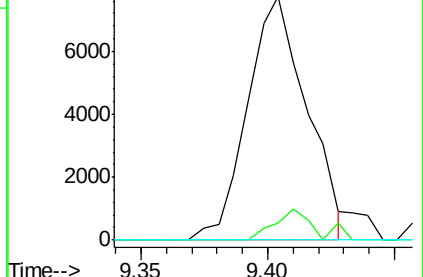
138 0.0 11.9 17.9#

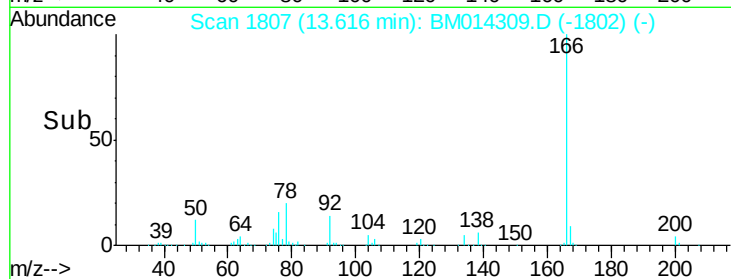
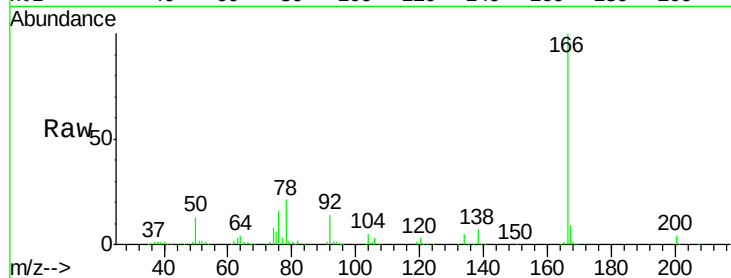
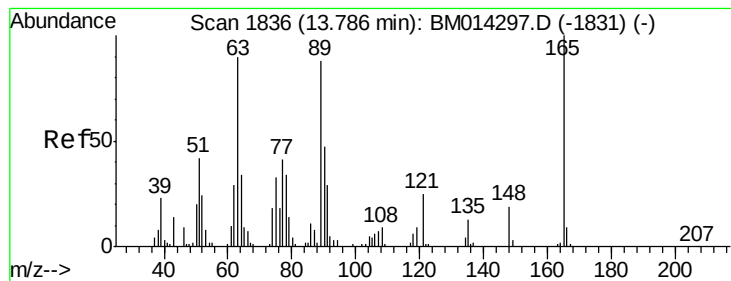


Abundance Ion 82.00 (81.70 to 82.70): BM014297.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM014297.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM014297.D (-1058) (-)





#45

2,6-Dinitrotoluene

Concen: 1.192 ng/ul

RT: 13.62 min Scan# 1807

Delta R.T. -0.17 min

Lab File: BM014309.D

Acq: 20 Feb 2018 00:39

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 3924

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 24.9 14.6 22.0#

