

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121316\
 Data File : BM008280.D
 Acq On : 13 Dec 2016 19:37
 Operator : UM/SJ
 Sample : H5973-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B17

Quant Time: Dec 14 02:17:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121316MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 02:14:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	127624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	488475	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	323506	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	665506	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	856269	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	883792	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	3576	1.32	ng/uL	0.00
5) Phenol-d5	6.87	99	57265	5.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	165844	29.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	175890	23.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	109219	14.31	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	111793	31.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	120950	30.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	198234	27.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	12244	1.49	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	706990	33.26	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	840720	33.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	16598	5.19	ng/ul	0.04
57) Fluorene-d10	15.32	176	598014	32.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	111088	28.58	ng/ul	0.00
70) Anthracene-d10	17.17	188	961352	33.04	ng/ul	0.00
78) Pyrene-d10	19.47	212	1157381	34.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1216079	32.74	ng/ul	0.00

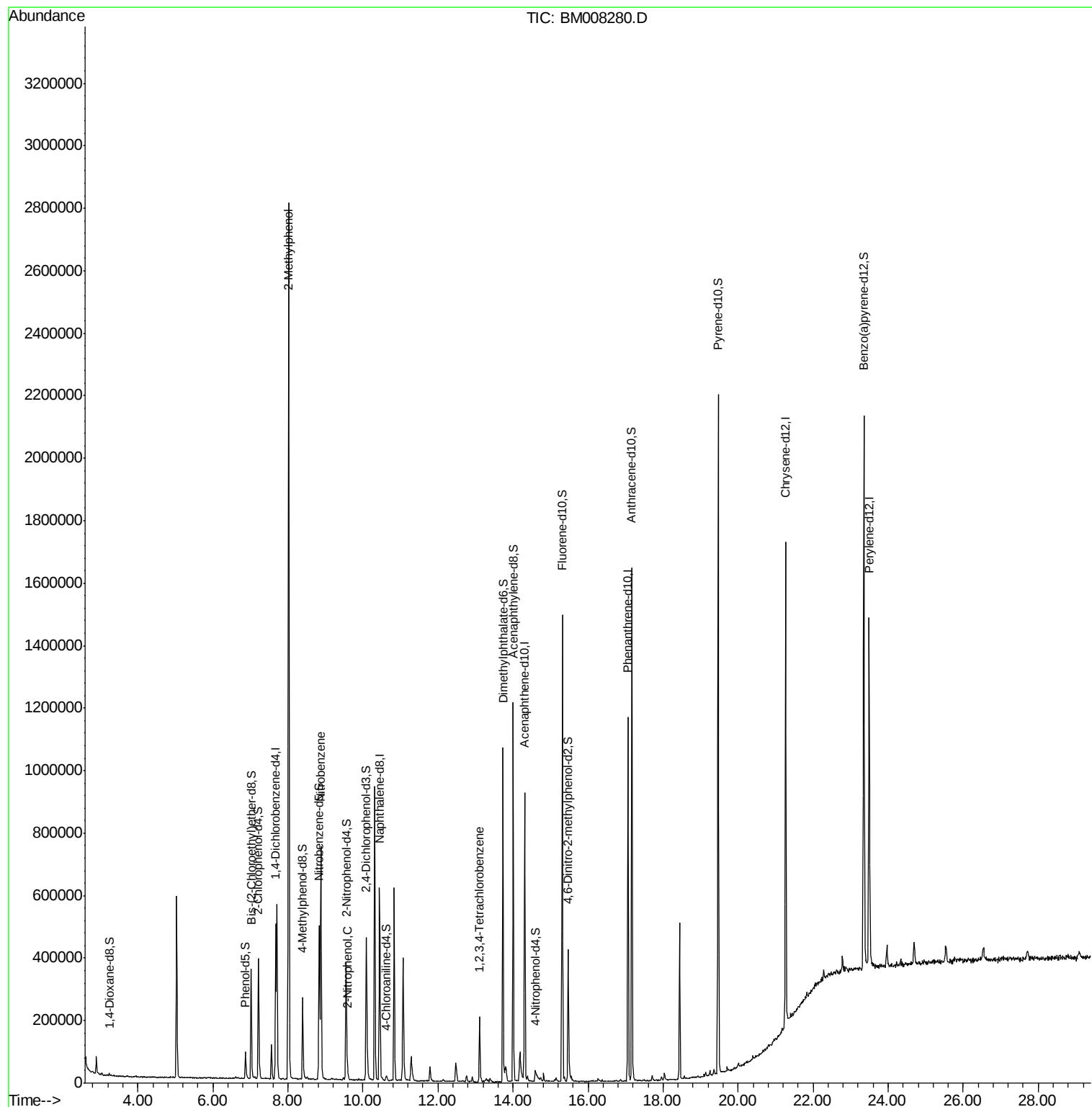
Target Compounds						Qvalue
11) 2-Methylphenol	8.02	108	10458	1.40	ng/ul	95
20) Nitrobenzene	8.87	77	443671	48.13	ng/ul	90
23) 2-Nitrophenol	9.58	139	9982	2.46	ng/ul#	87
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	66004	6.63	ng/uL	94

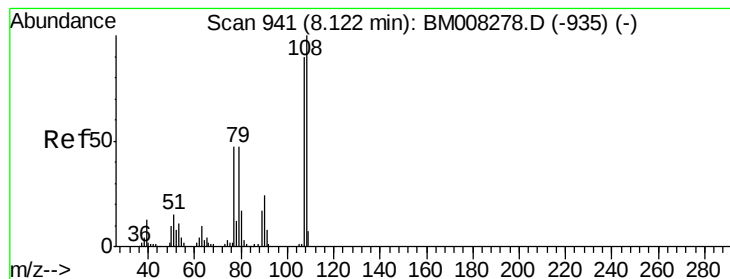
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 1.40 ng/ul

RT: 8.02 min Scan# 924

Delta R.T. -0.10 min

Lab File: BM008280.D

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Instrument :

BNA_M

ClientSampleId :

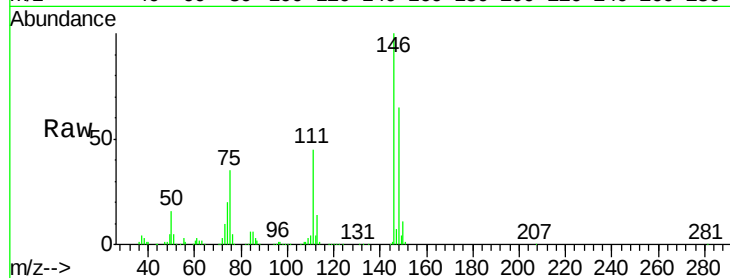
C0B17

Tgt Ion:108 Resp: 10458

Ion Ratio Lower Upper

108 100

107 85.4 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.02

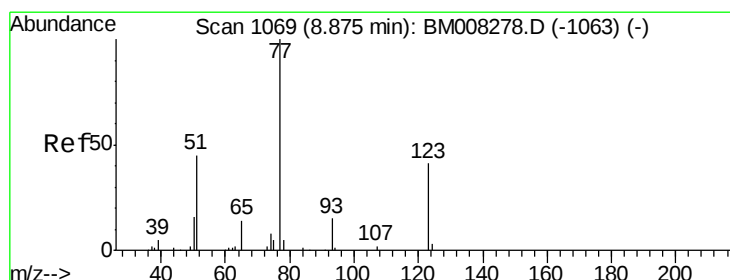
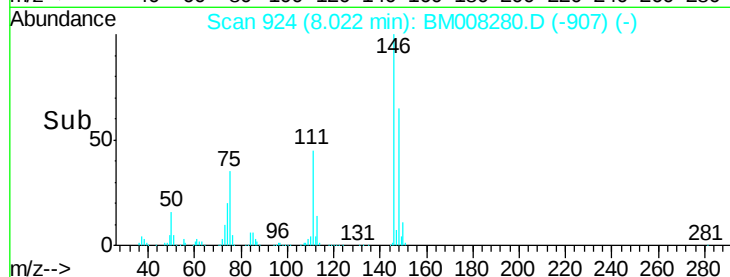
6000

4000

2000

0

Time-->



#20

Nitrobenzene

Concen: 48.13 ng/ul

RT: 8.87 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BM008280.D

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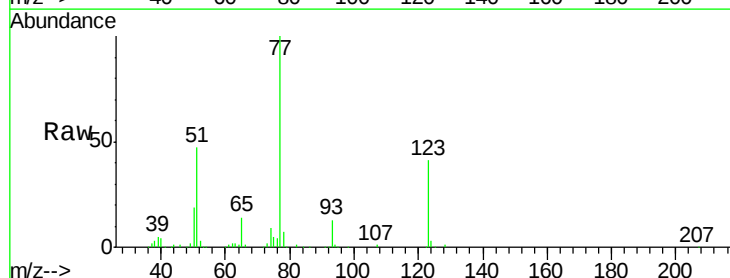
Tgt Ion: 77 Resp: 443671

Ion Ratio Lower Upper

77 100

123 40.6 39.0 58.4

65 13.8 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM

8.87

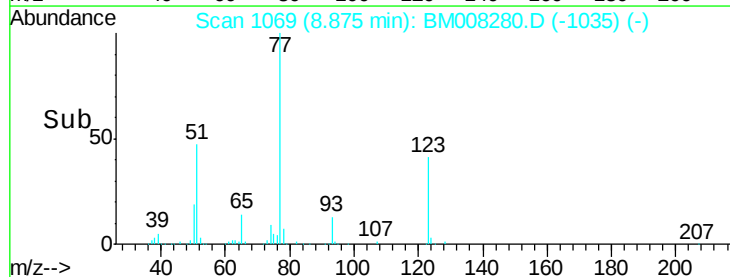
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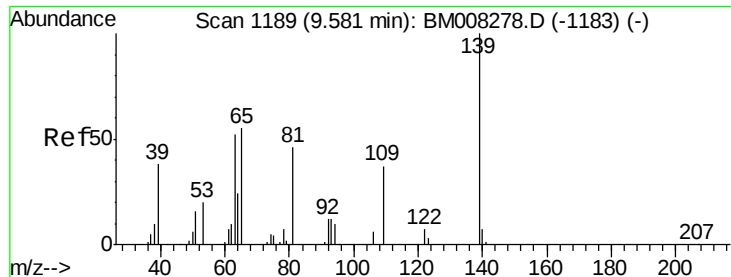
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100000

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Time-->

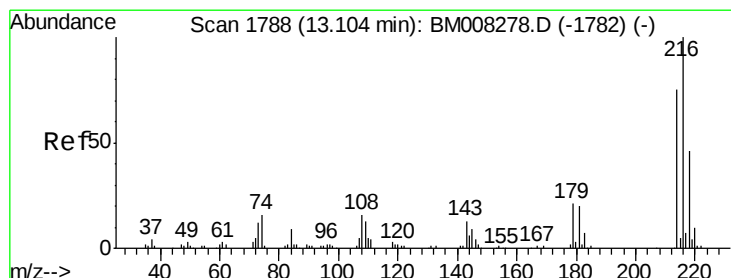
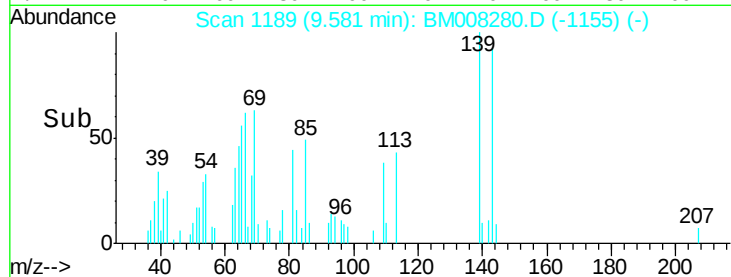
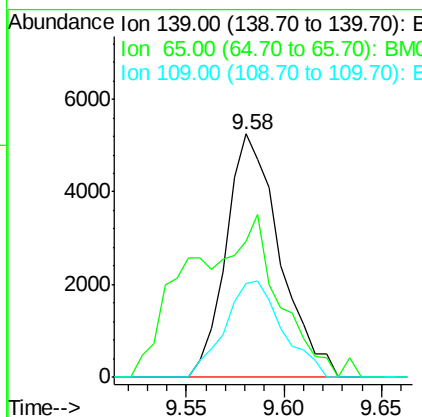
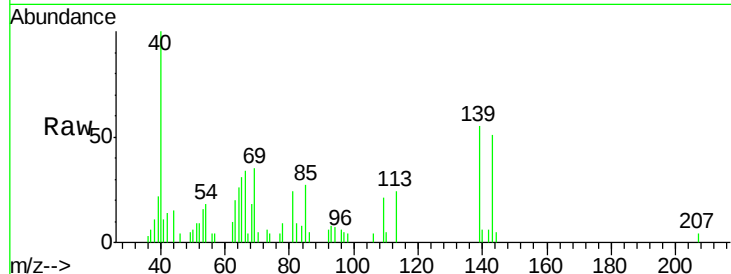




#23
 2-Nitrophenol
 Concen: 2.46 ng/uL
 RT: 9.58 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BM008280.D
 Acq: 13 Dec 2016 19:37

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Tgt Ion:139 Resp: 9982
 Ion Ratio Lower Upper
 139 100
 65 56.0 36.3 54.5#
 109 38.3 26.4 39.6



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 6.63 ng/uL
 RT: 13.11 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: BM008280.D
 Acq: 13 Dec 2016 19:37

Tgt Ion:216 Resp: 66004
 Ion Ratio Lower Upper
 216 100
 214 72.4 62.5 93.7
 218 44.0 38.4 57.6

