

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
 Data File : BM004646.D
 Acq On : 16 Mar 2016 21:44
 Operator : UM/SJ
 Sample : H1783-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 02:01:05 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 01:59:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	60952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	277205	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.47	164	155083	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	362891	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	407696	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	382805	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.33	96	2016	1.14	ng/uL	0.00
5) Phenol-d5	7.00	99	34706	6.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	105107	37.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	111705	27.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	58103	14.39	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	66990	34.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	71034	34.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	126100	30.87	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	440054	36.30	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	518740	34.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	10499	4.48	ng/ul	0.00
58) Fluorene-d10	15.47	176	404969	38.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	52387	27.47	ng/ul	0.00
71) Anthracene-d10	17.32	188	632280	37.84	ng/ul	0.00
79) Pyrene-d10	19.61	212	730791	39.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	725194	42.41	ng/ul	0.00

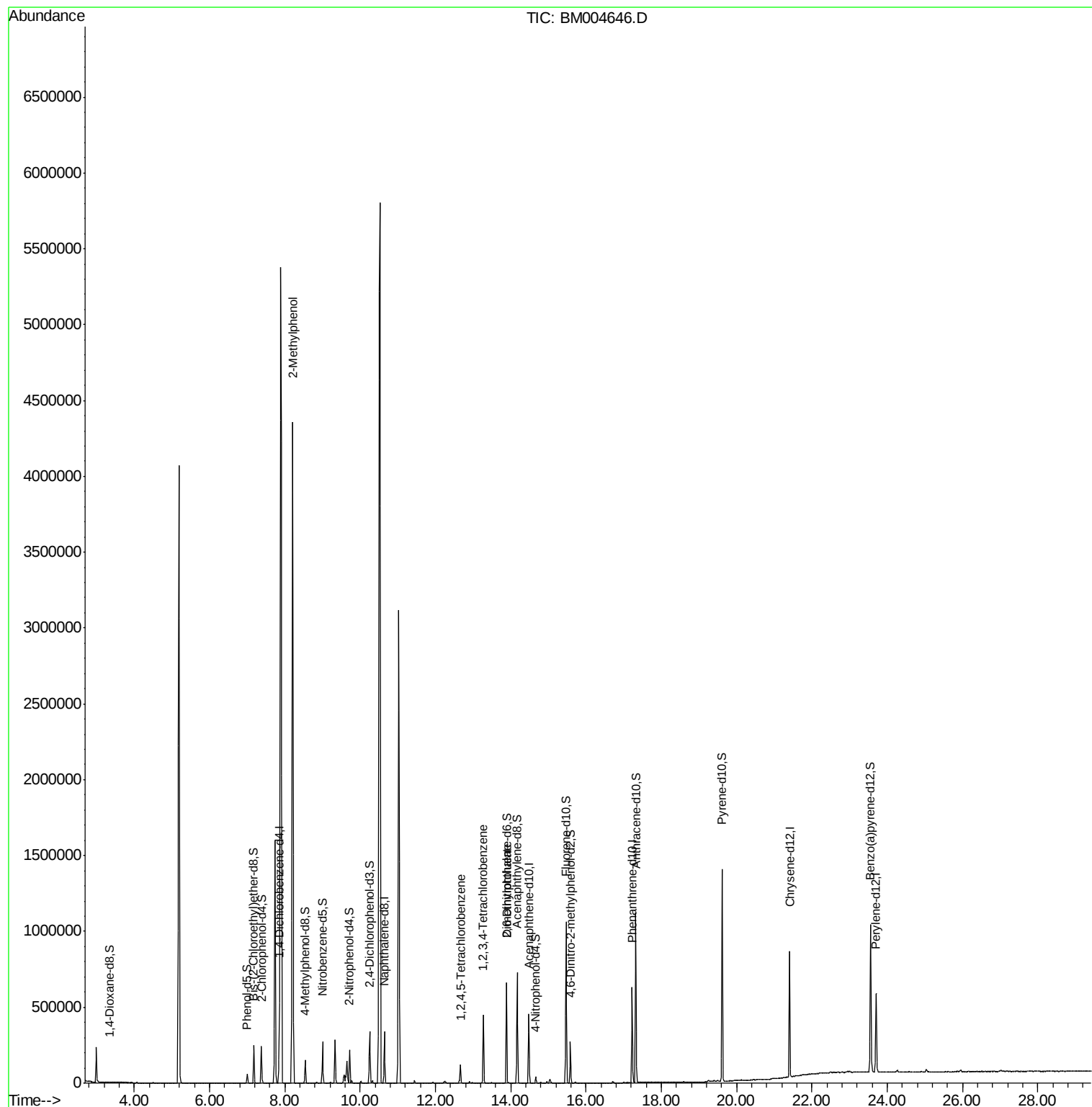
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 2-Methylphenol	8.20	108	17280	4.27	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	37940	7.66	ng/ul	98
46) 2,6-Dinitrotoluene	13.89	165	2910	1.33	ng/ul#	35
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	138107	27.66	ng/uL	100

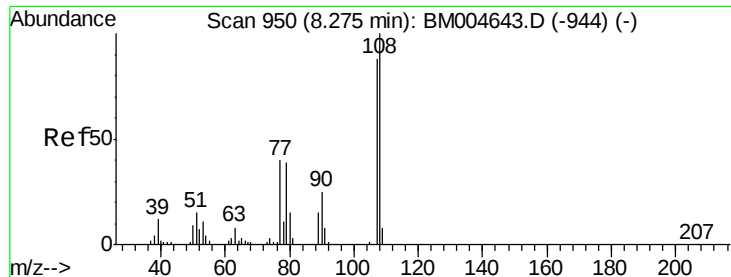
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 4.27 ng/ul

RT: 8.20 min Scan# 938

Delta R.T. -0.07 min

Lab File: BM004646.D

Acq: 16 Mar 2016 21:44

Instrument :

BNA_M

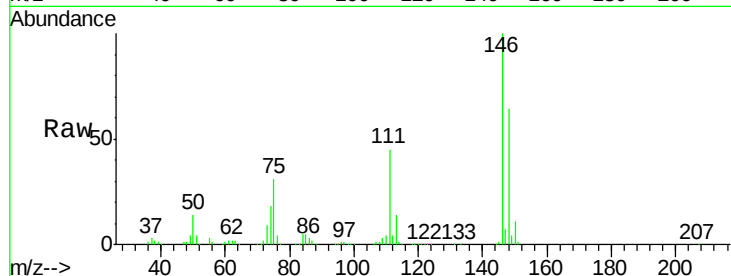
ClientSampled :

Tot Ion:108 Resp: 17280

Ion Ratio Lower Upper

108 100

107 93.8 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.20

10000

8000

6000

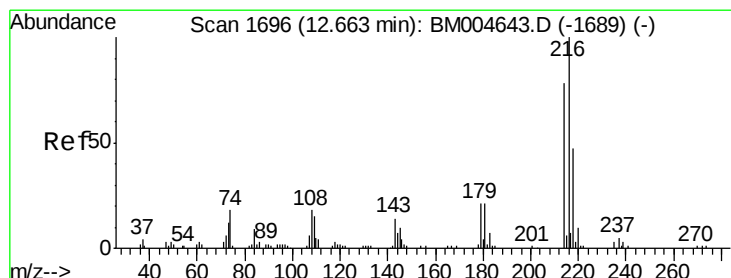
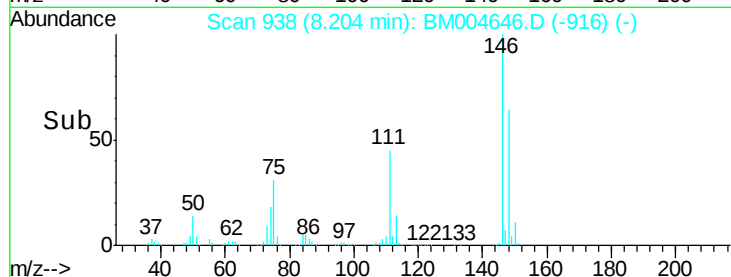
4000

2000

0

Time-->

8.15 8.20 8.25



#37

1,2,4,5-Tetrachlorobenzene

Concen: 7.66 ng/ul

RT: 12.66 min Scan# 1696

Delta R.T. 0.00 min

Lab File: BM004646.D

Acq: 16 Mar 2016 21:44

Tgt Ion:216 Resp: 37940

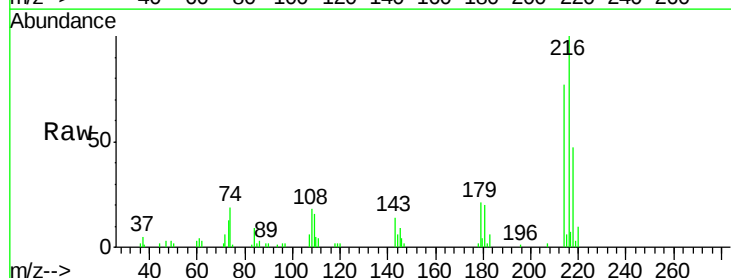
Ion Ratio Lower Upper

216 100

214 76.7 62.5 93.7

179 20.6 18.2 27.2

108 18.5 14.2 21.2



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

30000

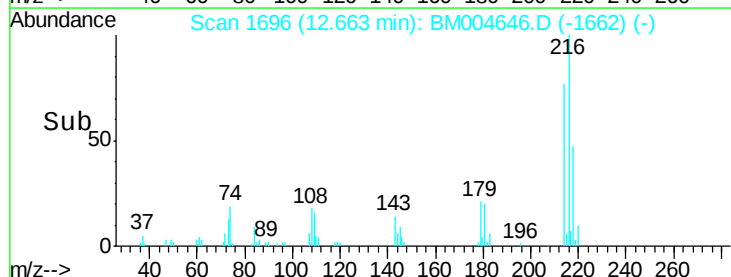
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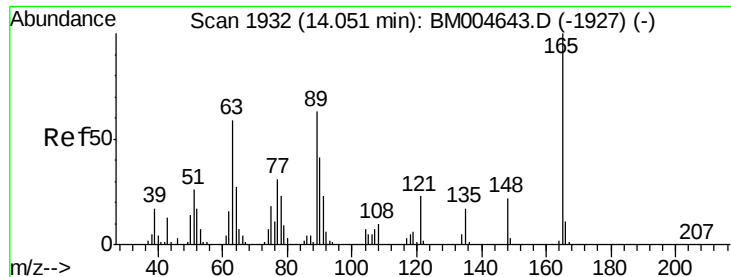
10000

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Time-->

12.65 12.70

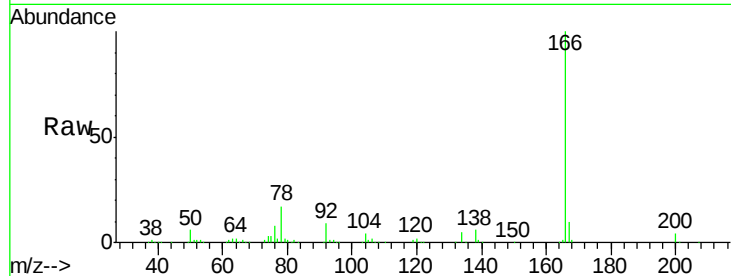




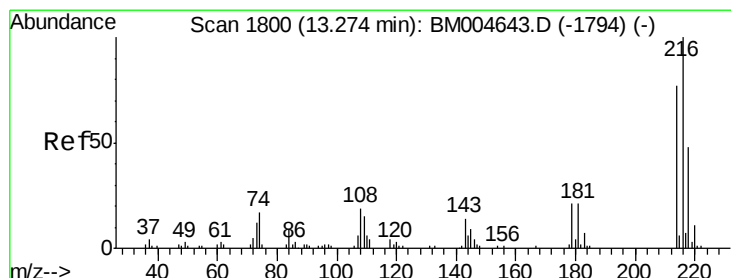
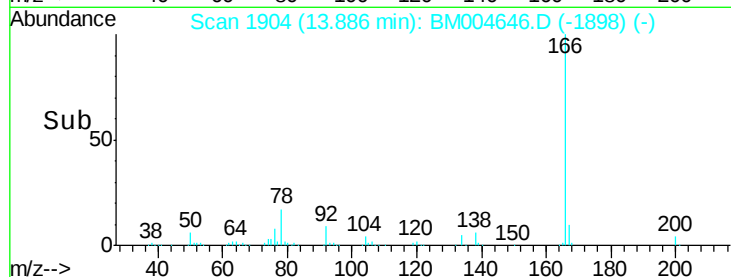
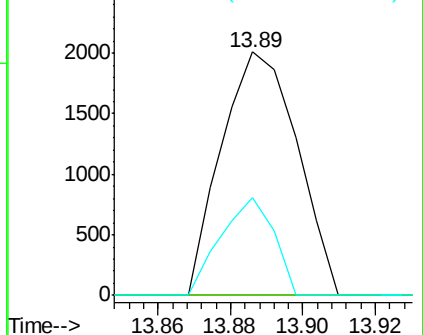
#46
 2,6-Dinitrotoluene
 Concen: 1.33 ng/ul
 RT: 13.89 min Scan# 1904
 Delta R.T. -0.16 min
 Lab File: BM004646.D
 Acq: 16 Mar 2016 21:44

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:165 Resp: 2910
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 39.9 16.6 24.8#

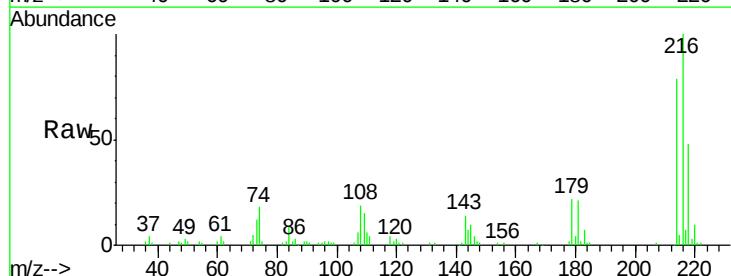


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 27.66 ng/uL
 RT: 13.27 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BM004646.D
 Acq: 16 Mar 2016 21:44

Tgt Ion:216 Resp: 138107
 Ion Ratio Lower Upper
 216 100
 214 78.6 62.5 93.7
 218 48.0 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

