

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016837.D
 Acq On : 21 Sep 2018 18:05
 Operator : SJ/JU
 Sample : J5012-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 02:22:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 22 02:21:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	268767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1104702	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.36	164	595804	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1312709	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1474563	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1609331	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	36558	5.82	ng/uL	0.00
5) Phenol-d5	6.89	99	142032	6.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	422602	30.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	474475	25.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	270559	15.42	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	279385	38.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	279365	42.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	505853	30.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	909	0.04	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	1625321	33.97	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2046849	33.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	44187	5.63	ng/ul	0.00
58) Fluorene-d10	15.35	176	1473134	35.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	190645	35.38	ng/ul	0.00
71) Anthracene-d10	17.20	188	2273168	35.89	ng/ul	0.00
79) Pyrene-d10	19.50	212	2552594	35.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3007751	35.83	ng/ul	0.00

Target Compounds

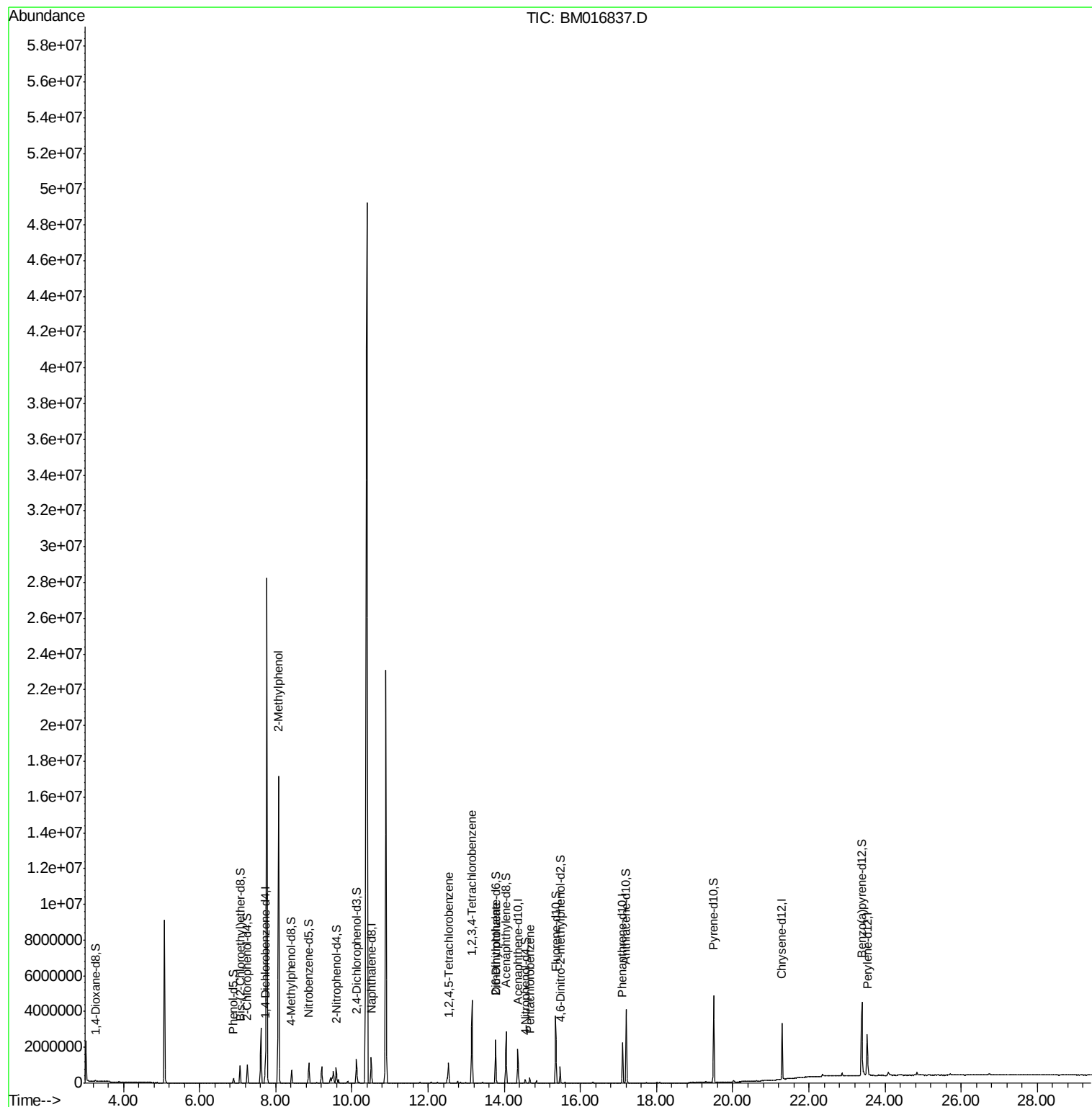
					Ovalue	
11) 2-Methylphenol	8.07	108	53806	3.173	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	368498	18.009	ng/ul#	97
46) 2,6-Dinitrotoluene	13.77	165	7849	1.093	ng/ul#	39
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	1454887	66.964	ng/uL	98
74) Pentachlorobenzene	14.67	250	79671	4.065	ng/uL	97

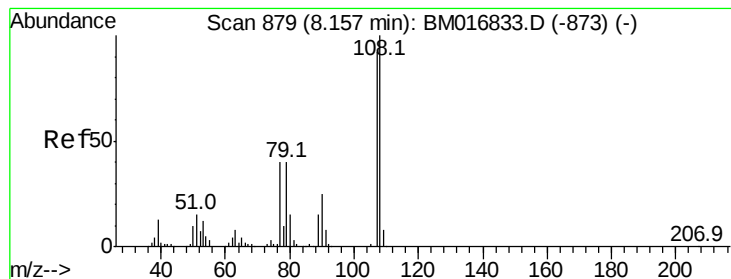
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 3.173 ng/ul

RT: 8.07 min Scan# 865

Delta R.T. -0.08 min

Lab File: BM016837.D

Acq: 21 Sep 2018 18:05

Instrument :

BNA_M

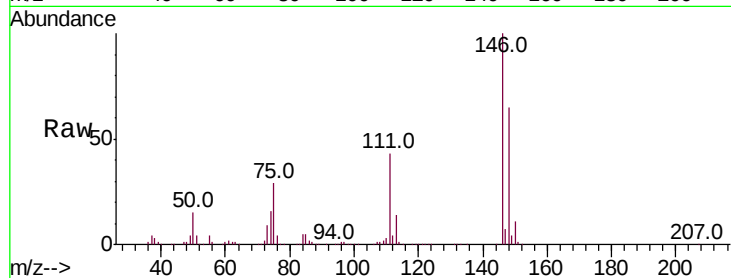
ClientSampleId :

Tot Ion:108 Resp: 53806

Ion Ratio Lower Upper

108 100

107 93.2 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.07

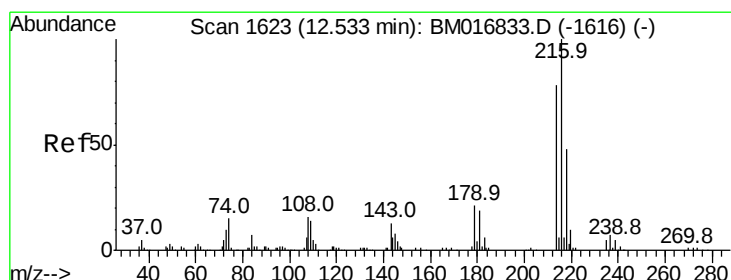
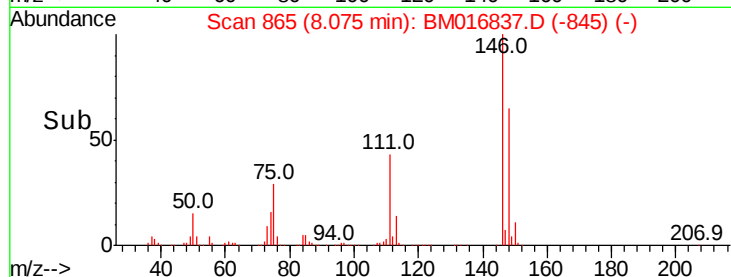
30000

20000

10000

0

Time--> 8.00 8.05 8.10



#37

1,2,4,5-Tetrachlorobenzene

Concen: 18.009 ng/ul

RT: 12.53 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BM016837.D

Acq: 21 Sep 2018 18:05

Tgt Ion:216 Resp: 368498

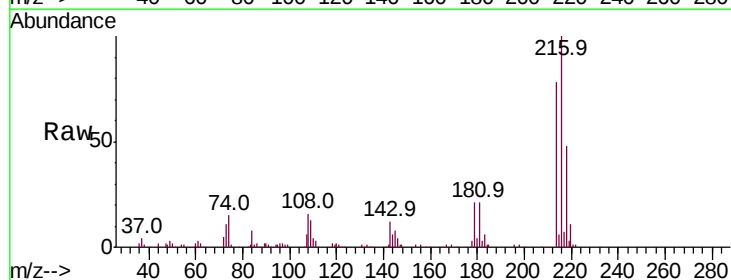
Ion Ratio Lower Upper

216 100

214 78.5 64.1 96.1

179 21.3 14.5 21.7

108 15.9 10.4 15.6#



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

12.53

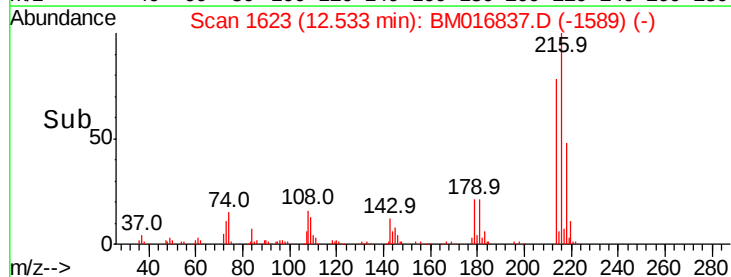
300000

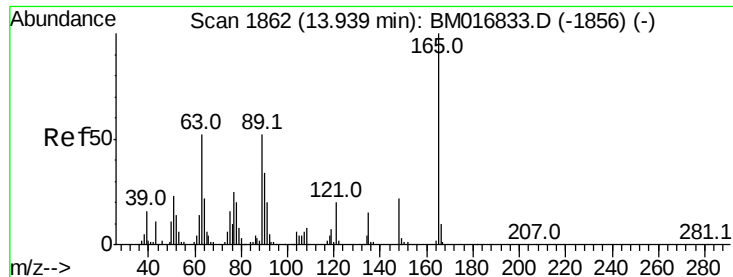
200000

100000

0

Time--> 12.50 12.55

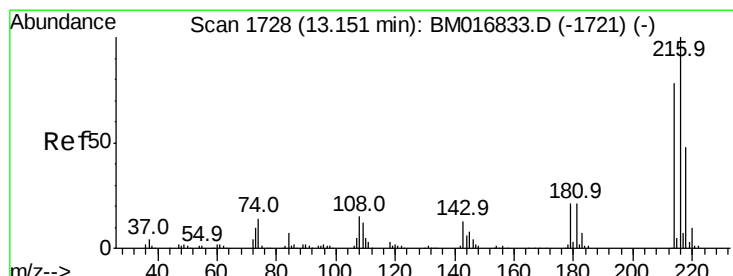
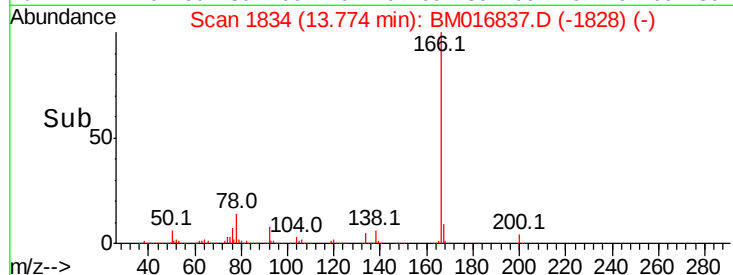
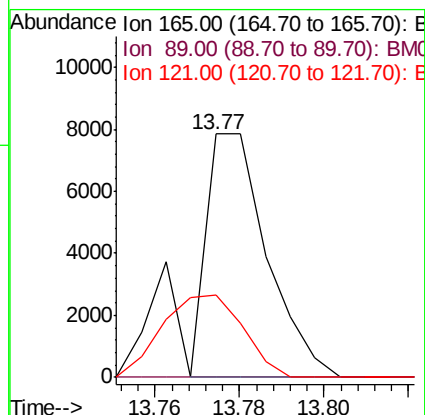
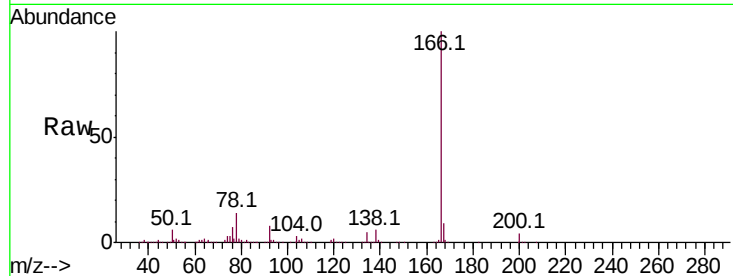




#46
 2,6-Dinitrotoluene
 Concen: 1.093 ng/ul
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.16 min
 Lab File: BM016837.D
 Acq: 21 Sep 2018 18:05

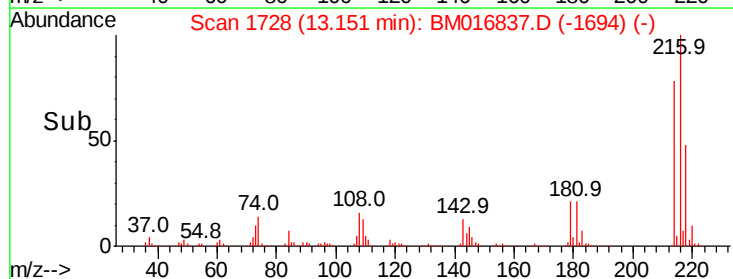
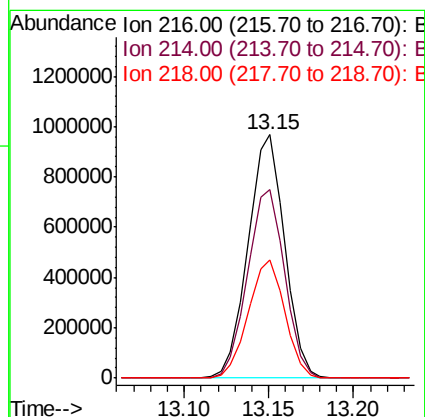
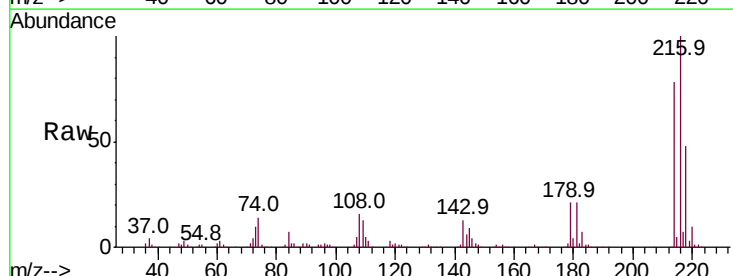
Instrument :
 BNA_M
 ClientSampled :

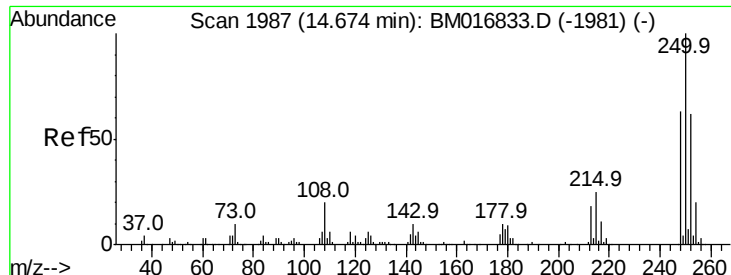
Tot Ion:165 Resp: 7849
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.8 65.8#
 121 34.0 17.8 26.6#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 66.964 ng/uL
 RT: 13.15 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BM016837.D
 Acq: 21 Sep 2018 18:05

Tgt Ion:216 Resp: 1454887
 Ion Ratio Lower Upper
 216 100
 214 77.5 64.1 96.1
 218 48.4 39.4 59.0





#74

Pentachlorobenzene

Concen: 4.065 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. -0.00 min

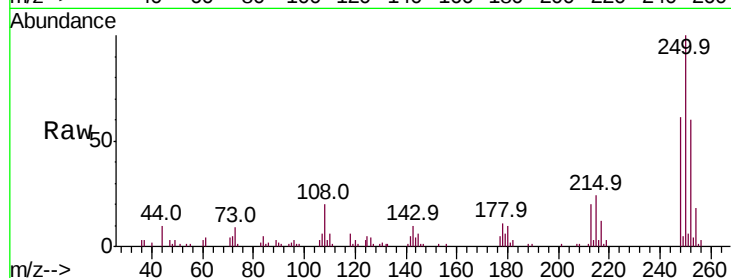
Lab File: BM016837.D

Acq: 21 Sep 2018 18:05

Instrument :

BNA_M

ClientSampleId :



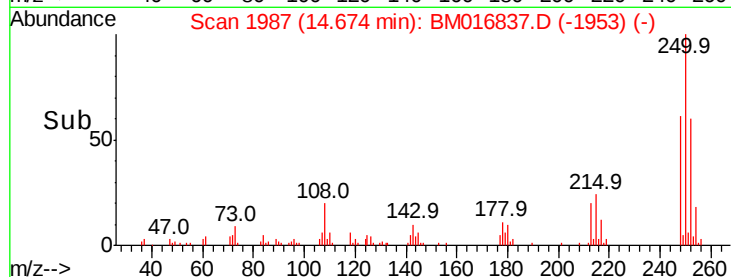
Tot Ion:250 Resp: 79671

Ion Ratio Lower Upper

250 100

248 60.9 51.4 77.2

252 60.5 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

