

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011641.D
 Acq On : 20 Sep 2017 17:21
 Operator : SJ/JU
 Sample : I5271-16DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ1DL

Quant Time: Sep 21 04:31:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 04:15:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	348384	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1522422	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	915407	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2019917	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2061606	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1850771	20.00	ng/ul	0.00

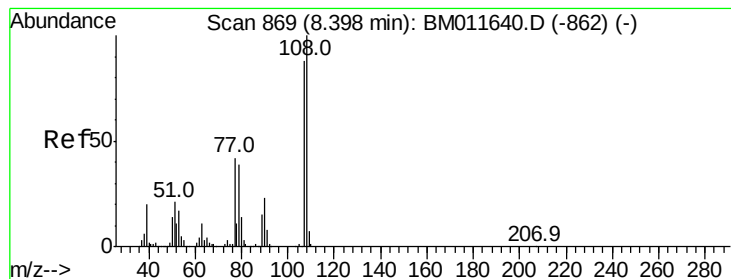
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	2514	0.32	ng/uL	0.01
5) Phenol-d5	7.12	99	35620	1.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	129153	5.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	110785	4.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	68827	2.64	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	65094	5.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	67315	5.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	124969	5.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	6231	0.23	ng/ul	0.02
44) Dimethylphthalate-d6	13.99	166	487946	6.31	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	549004	5.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.81	143	4590	0.32	ng/ul	0.03
58) Fluorene-d10	15.58	176	419804	6.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	48275	4.11	ng/ul	0.00
71) Anthracene-d10	17.43	188	647910	6.51	ng/ul	0.00
79) Pyrene-d10	19.72	212	729906	7.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	569591	6.46	ng/ul	0.00

Target Compounds

					Ovalue
11) 2-Methylphenol	8.32	108	73612	2.924	ng/ul 99
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	103241	3.802	ng/ul# 97
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	603405	22.418	ng/uL 98
74) Pentachlorobenzene	14.91	250	27389	1.003	ng/uL 93

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



#11

2-Methylphenol

Concen: 2.924 ng/ul

RT: 8.32 min Scan# 856

Delta R.T. -0.08 min

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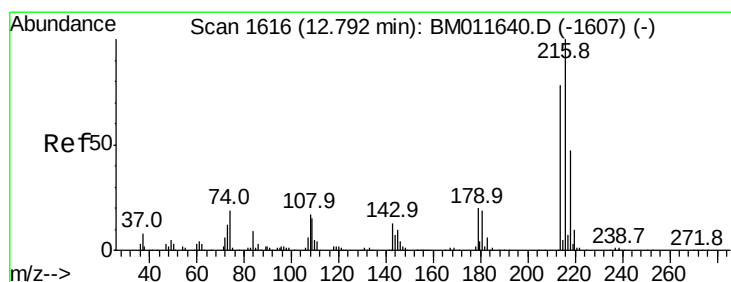
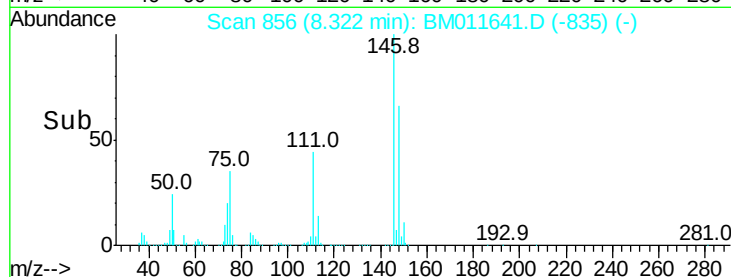
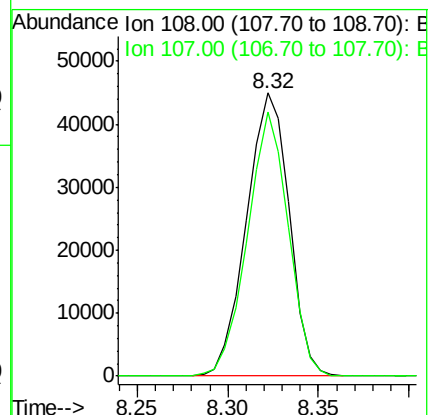
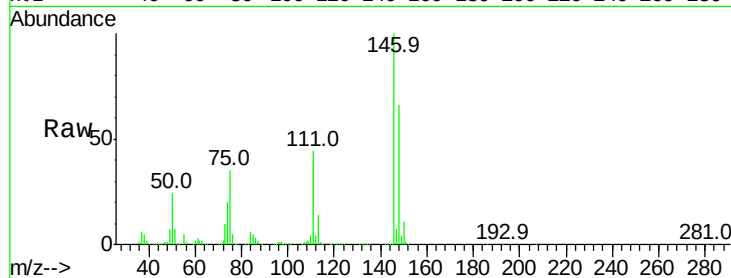
C0AJ1DL

Tot Ion:108 Resp: 73612

Ion Ratio Lower Upper

108 100

107 93.3 74.1 111.1



#37

1,2,4,5-Tetrachlorobenzene

Concen: 3.802 ng/ul

RT: 12.79 min Scan# 1615

Delta R.T. -0.01 min

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Tgt Ion:216 Resp: 103241

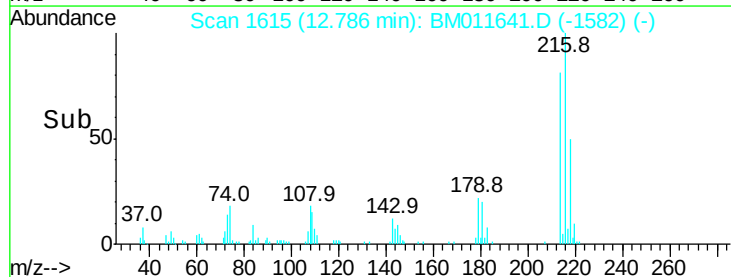
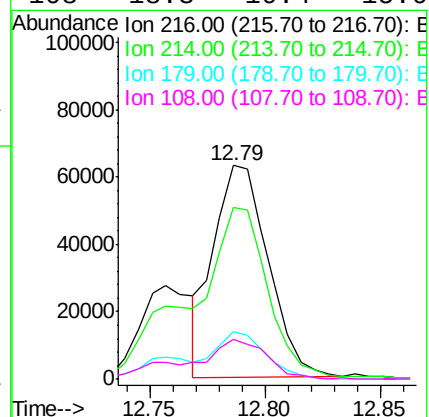
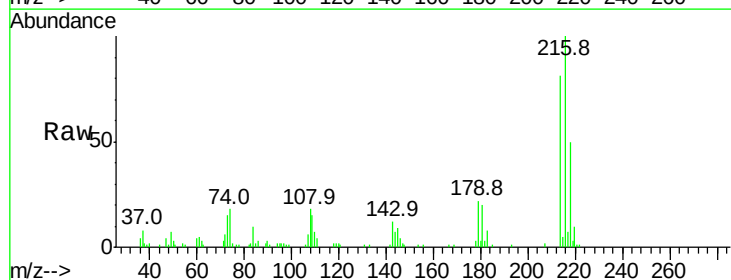
Ion Ratio Lower Upper

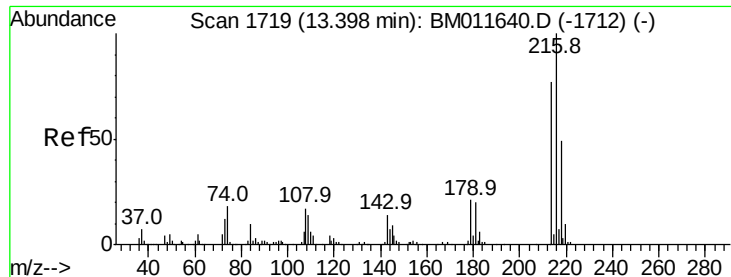
216 100

214 80.6 64.1 96.1

179 22.0 14.5 21.7#

108 18.3 10.4 15.6#

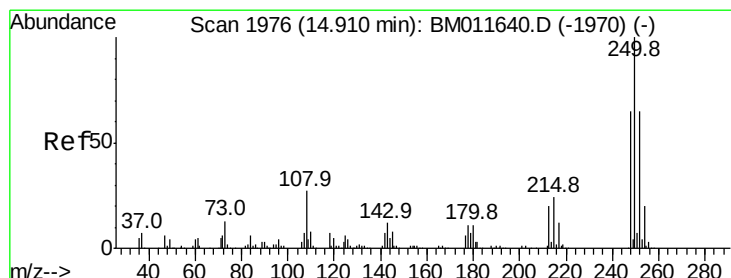
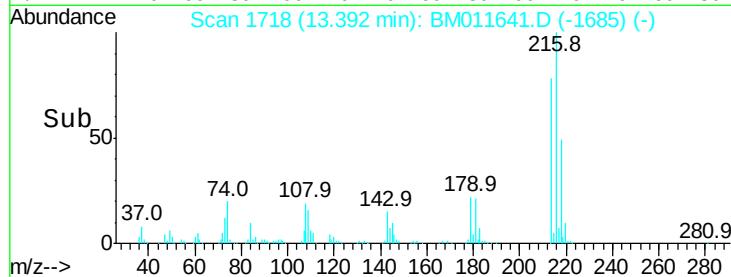
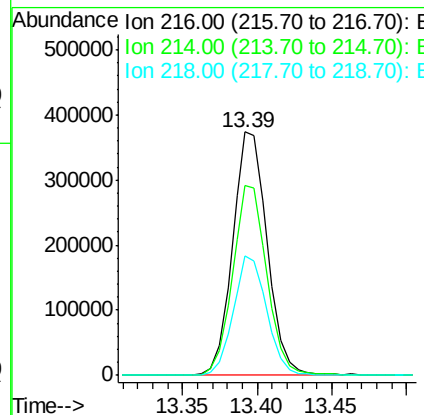
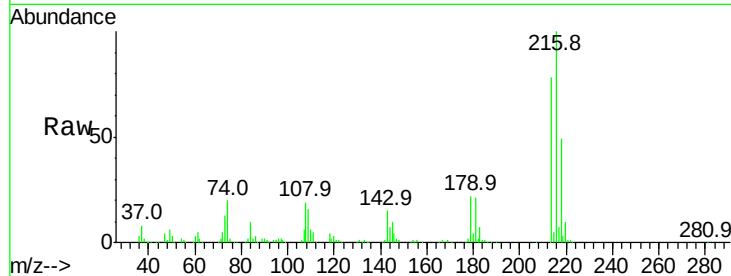




#73
1,2,3,4-Tetrachlorobenzene
Concen: 22.418 ng/uL
RT: 13.39 min Scan# 1718
Delta R.T. -0.01 min
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Tot Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.1	96.1
218	48.9	39.4	59.0



#74
Pentachlorobenzene
Concen: 1.003 ng/uL
RT: 14.91 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM011641.D
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Tgt Ion	Ratio	Lower	Upper
250	100		
248	69.3	51.4	77.2
252	67.7	49.8	74.6

