

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031517\
 Data File : BM009262.D
 Acq On : 15 Mar 2017 12:44
 Operator : SJ/MA
 Sample : I2235-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 16 01:18:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 01:18:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	94009	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	388697	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	263413	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	706927	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1092984	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1144004	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	247	0.12	ng/uL	0.01
5) Phenol-d5	7.03	99	8443	0.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	41195	6.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	26748	4.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	18918	2.33	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	17897	6.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	17981	5.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	32387	4.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	393	0.05	ng/ul	-0.13
43) Dimethylphthalate-d6	13.92	166	148116	7.40	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	162611	7.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	2684	0.68	ng/ul	0.00
57) Fluorene-d10	15.51	176	135074	7.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	16149	3.82	ng/ul	0.00
70) Anthracene-d10	17.36	188	223477	6.68	ng/ul	0.00
78) Pyrene-d10	19.65	212	294177	6.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	337618	6.45	ng/ul	0.00

Target Compounds

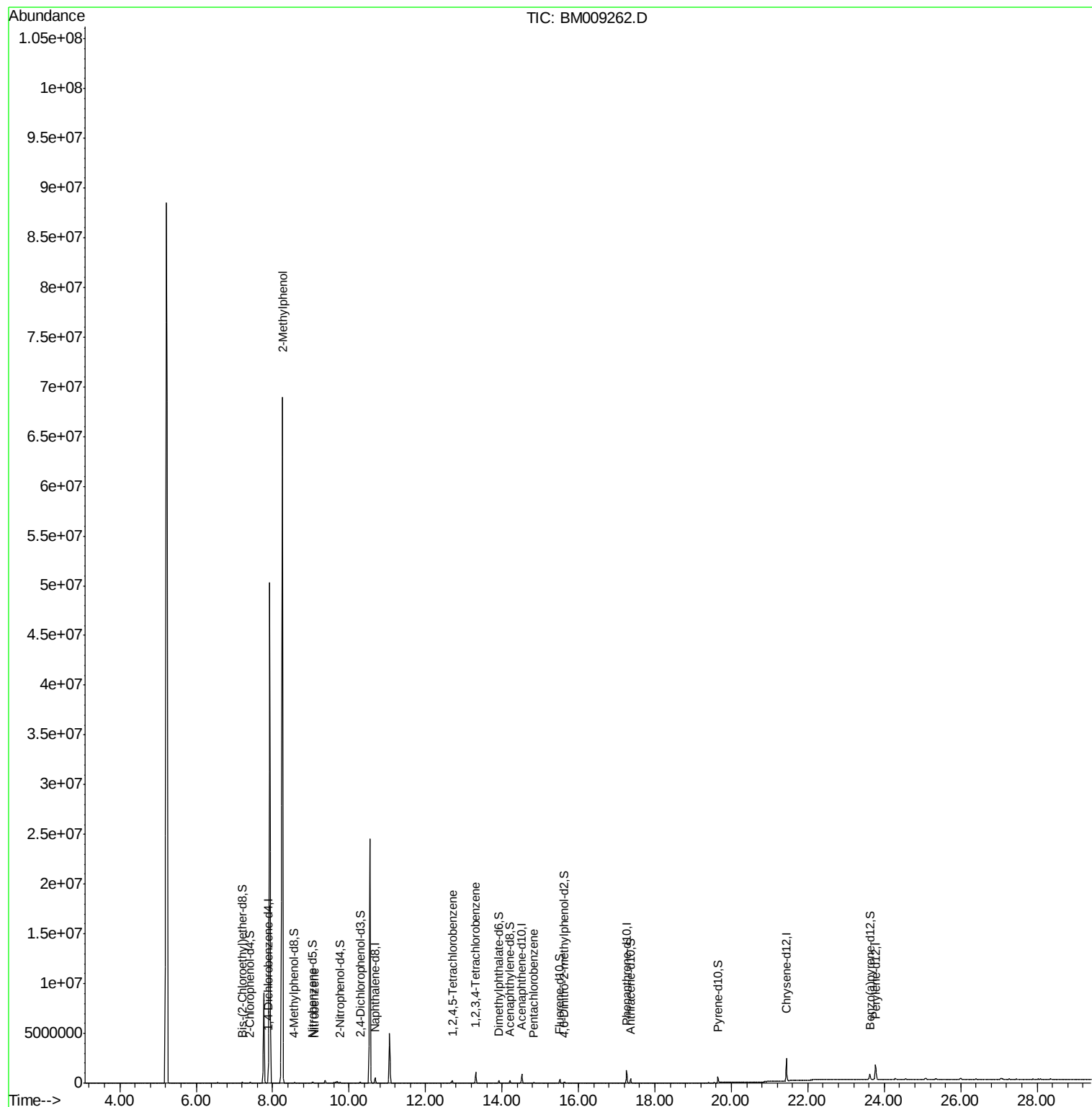
						Ovalue
11) 2-Methylphenol	8.26	108	292587	37.19	ng/ul	92
20) Nitrobenzene	9.09	77	17083	1.85	ng/ul#	85
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	82563	10.42	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	301581	36.31	ng/uL	97
73) Pentachlorobenzene	14.83	250	14227	1.60	ng/ul#	87

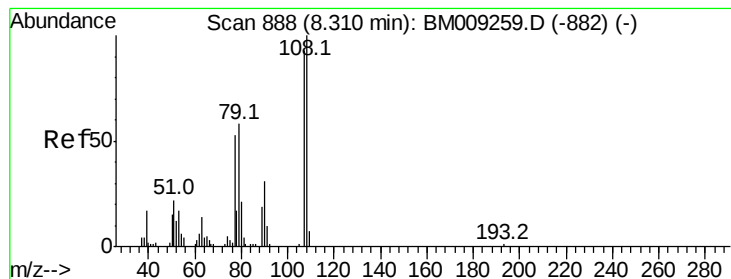
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 37.19 ng/ul

RT: 8.26 min Scan# 879

Delta R.T. -0.05 min

Lab File: BM009262.D

Acq: 15 Mar 2017 12:44

Instrument :

BNA_M

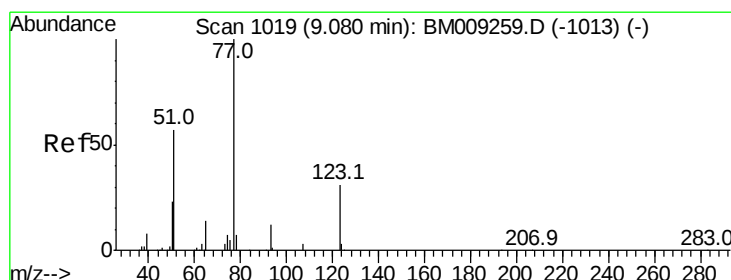
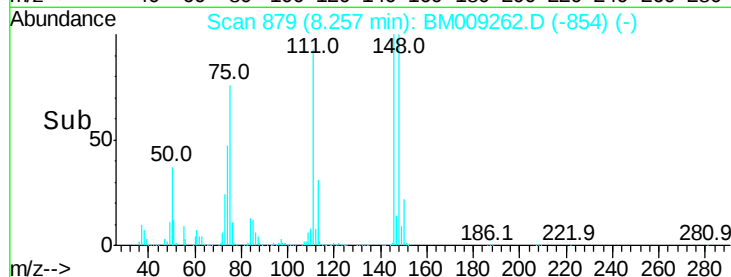
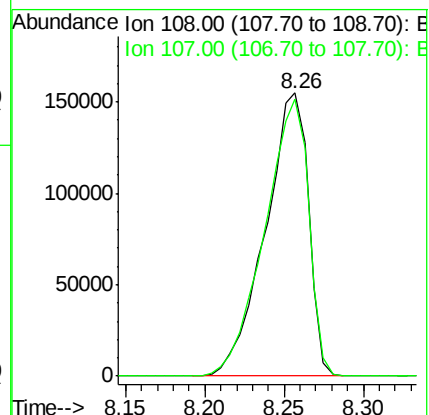
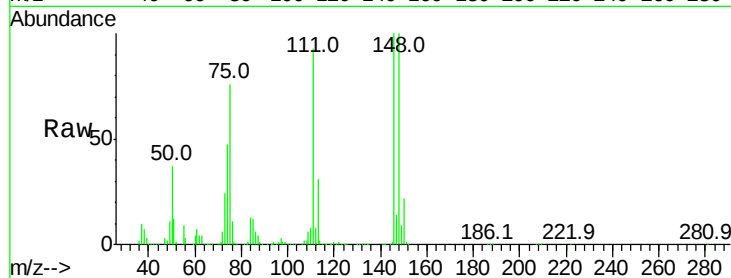
ClientSampleId :

Tot Ion:108 Resp: 292587

Ion Ratio Lower Upper

108 100

107 98.0 72.4 108.6



#20

Nitrobenzene

Concen: 1.85 ng/ul

RT: 9.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BM009262.D

Acq: 15 Mar 2017 12:44

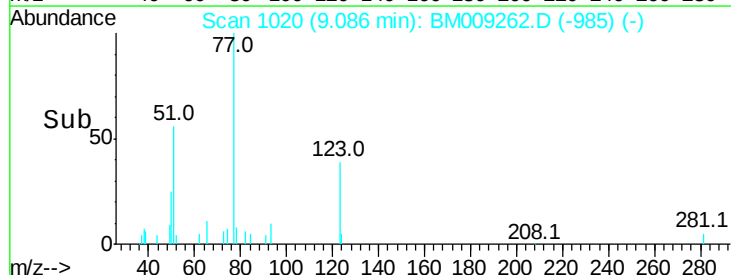
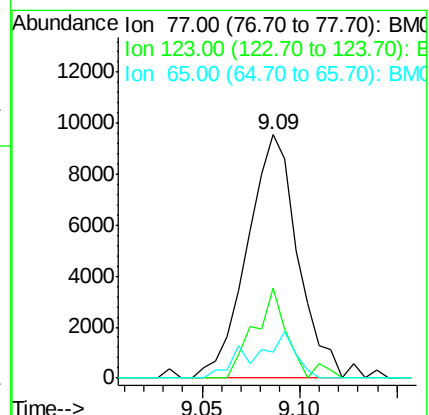
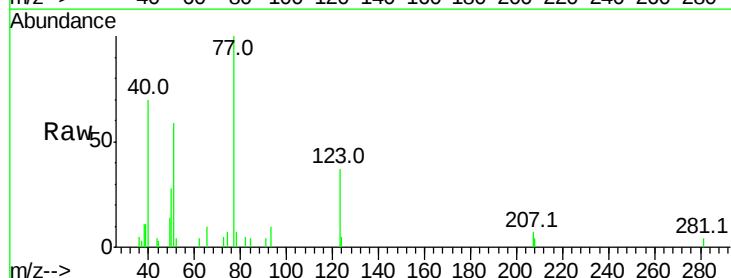
Tgt Ion: 77 Resp: 17083

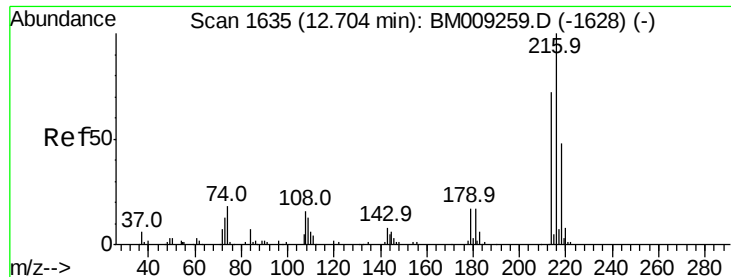
Ion Ratio Lower Upper

77 100

123 37.0 39.0 58.4#

65 10.4 10.4 15.6





#36

1,2,4,5-Tetrachlorobenzene

Concen: 10.42 ng/uL

RT: 12.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BM009262.D

Acq: 15 Mar 2017 12:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 82563

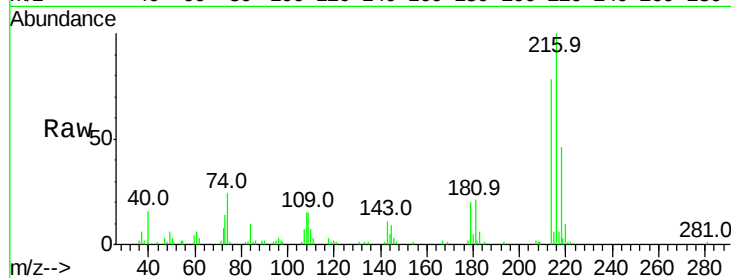
Ion Ratio Lower Upper

216 100

214 78.2 62.5 93.7

179 19.9 18.2 27.2

108 15.3 14.2 21.2

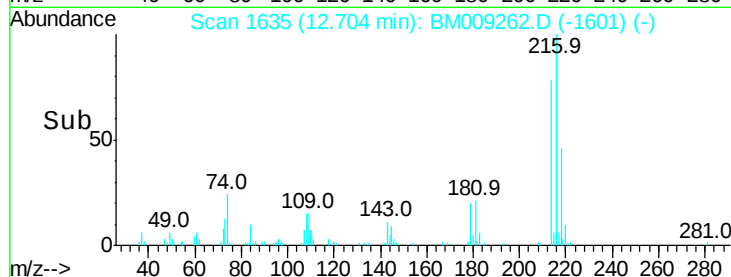


Abundance Ion 216.00 (215.70 to 216.70): E

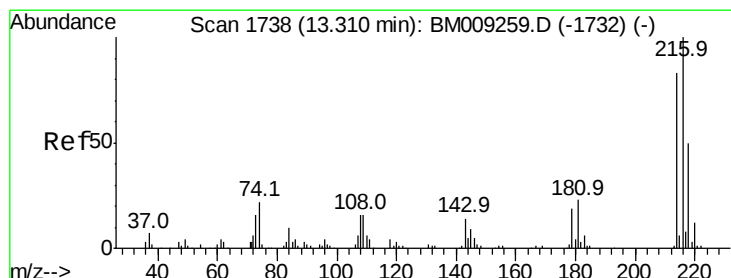
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.65 12.70 12.75



#72

1,2,3,4-Tetrachlorobenzene

Concen: 36.31 ng/uL

RT: 13.31 min Scan# 1738

Delta R.T. 0.00 min

Lab File: BM009262.D

Acq: 15 Mar 2017 12:44

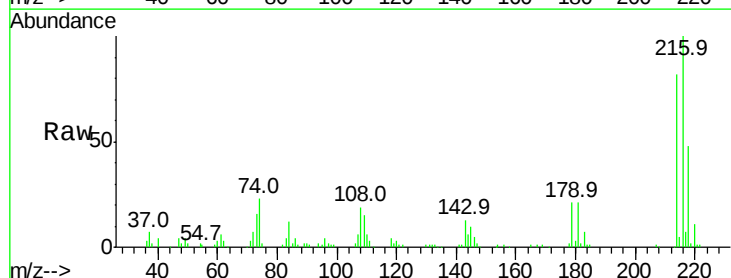
Tgt Ion:216 Resp: 301581

Ion Ratio Lower Upper

216 100

214 81.9 62.5 93.7

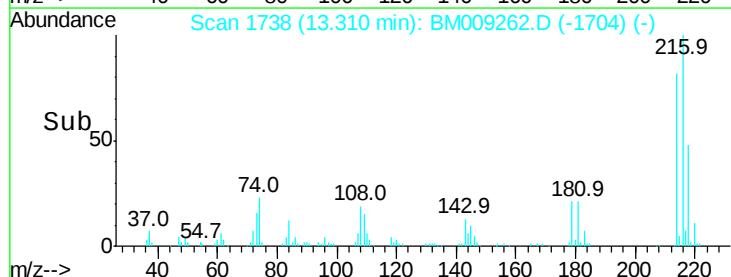
218 47.7 38.4 57.6



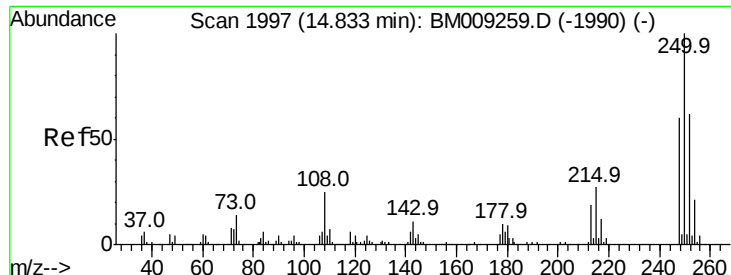
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



Time--> 13.25 13.30 13.35



#73

Pentachlorobenzene

Concen: 1.60 ng/uL

RT: 14.83 min Scan# 1997

Delta R.T. 0.00 min

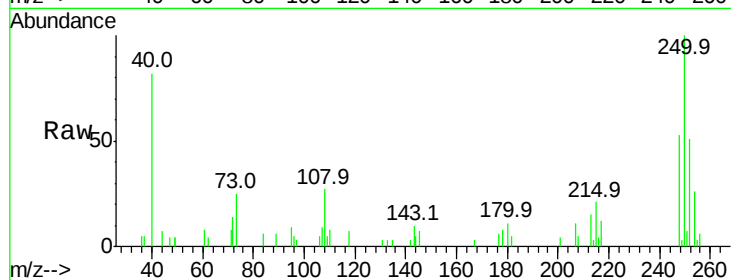
Lab File: BM009262.D

Acq: 15 Mar 2017 12:44

Instrument :

BNA_M

ClientSampleId :



Tot Ion:	250	Resp:	14227
Ion Ratio	Lower	Upper	
250	100		
248	55.9	50.6	75.8
252	50.7	51.4	77.0

