

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011642.D
 Acq On : 20 Sep 2017 17:58
 Operator : SJ/JU
 Sample : I5271-18DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ4DL

Quant Time: Sep 21 04:32:08 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	7.98	152	369249	20.00	ng/ul	0.02
18) Naphthalene-d8	10.77	136	1530609	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	879119	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1950661	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1976983	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1766130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	2105	0.26	ng/uL	0.00
5) Phenol-d5	7.12	99	33005	0.93	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.29	67	120195	5.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	102387	3.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	65272	2.36	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	62060	5.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	61561	5.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	111298	4.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	8076	0.30	ng/ul	0.01
44) Dimethylphthalate-d6	13.99	166	435716	5.86	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	491465	5.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.80	143	5736	0.41	ng/ul	0.02
58) Fluorene-d10	15.58	176	367848	5.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	41253	3.63	ng/ul	0.00
71) Anthracene-d10	17.43	188	581759	6.06	ng/ul	0.00
79) Pyrene-d10	19.72	212	642867	6.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	503504	5.98	ng/ul	0.00

Target Compounds

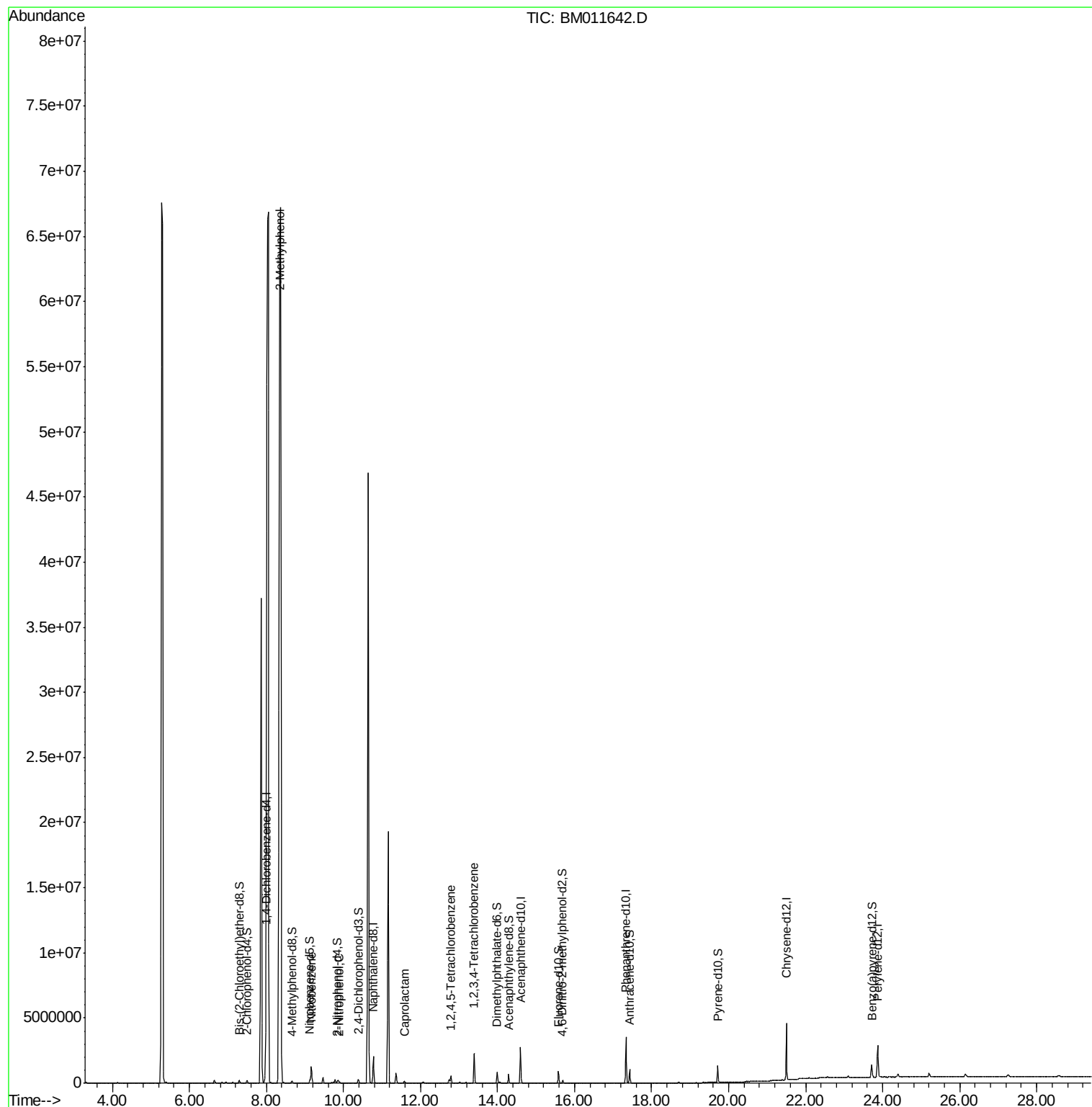
					Ovalue
11) 2-Methylphenol	8.37	108	495556	18.570	ng/ul 99
20) Nitrobenzene	9.17	77	658224	24.092	ng/ul 96
23) 2-Nitrophenol	9.89	139	43586	3.434	ng/ul# 89
32) Caprolactam	11.58	113	14145	1.917	ng/ul# 1
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	201144	7.713	ng/ul# 96
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	663487	25.525	ng/uL 100

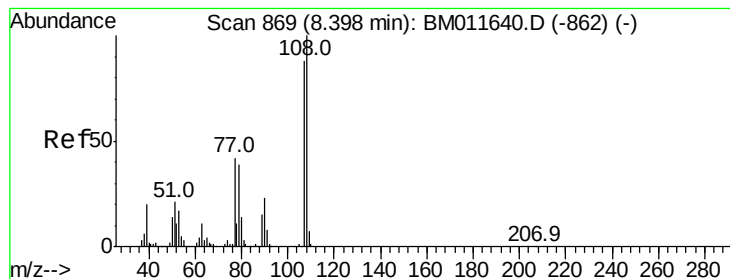
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 18.570 ng/ul

RT: 8.37 min Scan# 864

Delta R.T. -0.03 min

Lab File: BM011642.D

Acq: 20 Sep 2017 17:58

Instrument :

BNA_M

ClientSampleId :

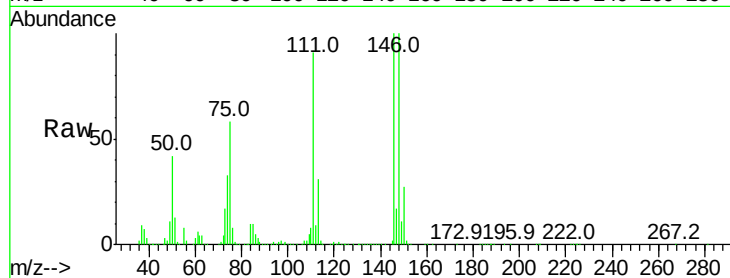
C0AJ4DL

Tot Ion:108 Resp: 495556

Ion Ratio Lower Upper

108 100

107 93.6 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.37

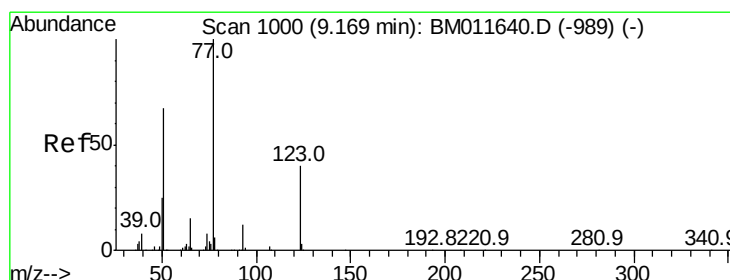
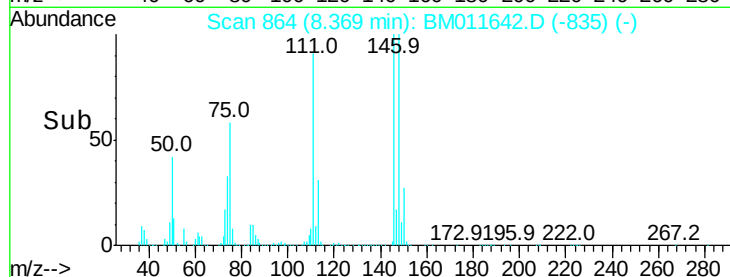
150000

100000

50000

0

Time--> 8.25 8.30 8.35 8.40



#20

Nitrobenzene

Concen: 24.092 ng/ul

RT: 9.17 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BM011642.D

Acq: 20 Sep 2017 17:58

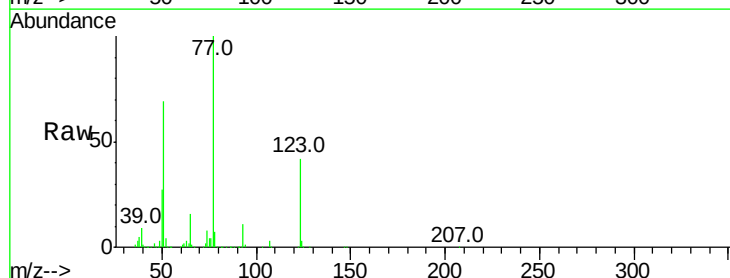
Tgt Ion: 77 Resp: 658224

Ion Ratio Lower Upper

77 100

123 42.1 31.8 47.8

65 15.6 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

9.17

500000

400000

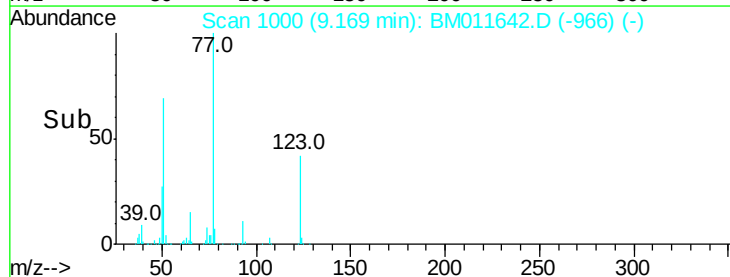
300000

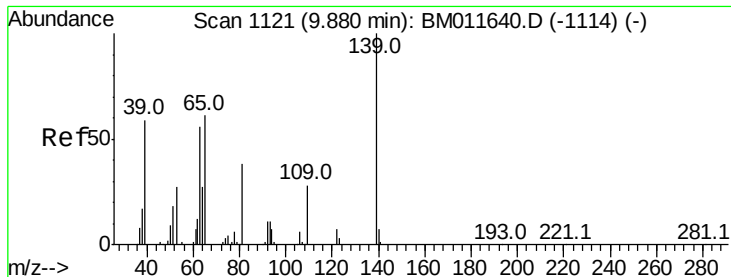
200000

100000

0

Time--> 9.10 9.20 9.30





#23

2-Nitrophenol

Concen: 3.434 ng/ul

RT: 9.89 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BM011642.D

Acq: 20 Sep 2017 17:58

Instrument :

BNA_M

ClientSampleId :

C0AJ4DL

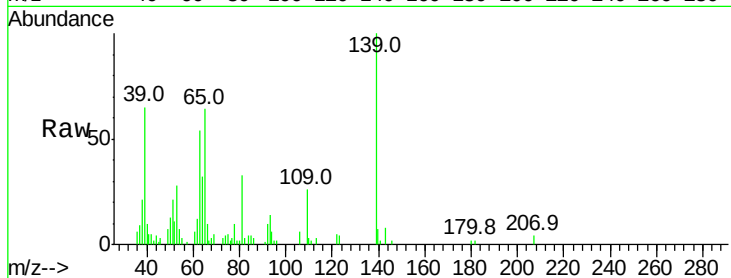
Tot Ion:139 Resp: 43586

Ion Ratio Lower Upper

139 100

65 63.5 45.3 67.9

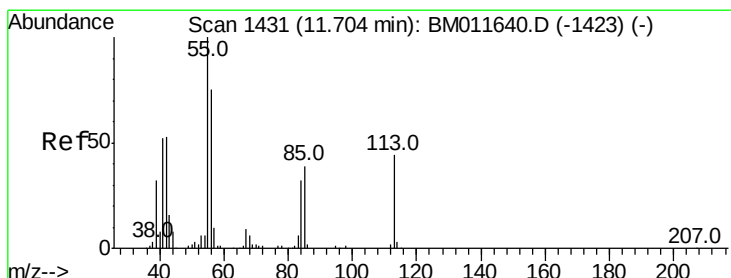
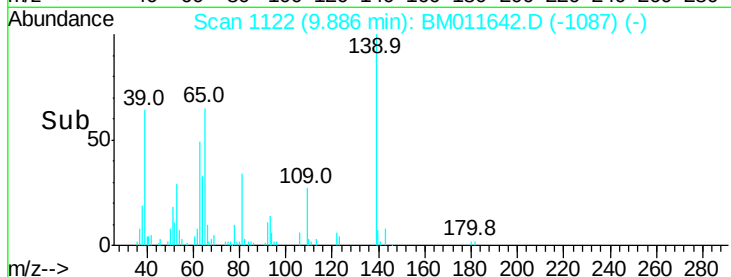
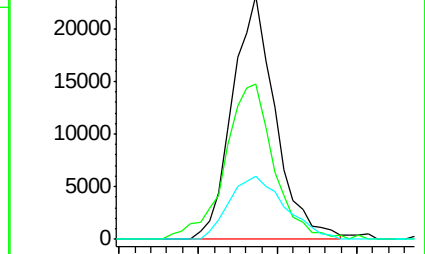
109 26.1 27.7 41.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#32

Caprolactam

Concen: 1.917 ng/ul

RT: 11.58 min Scan# 1410

Delta R.T. -0.12 min

Lab File: BM011642.D

Acq: 20 Sep 2017 17:58

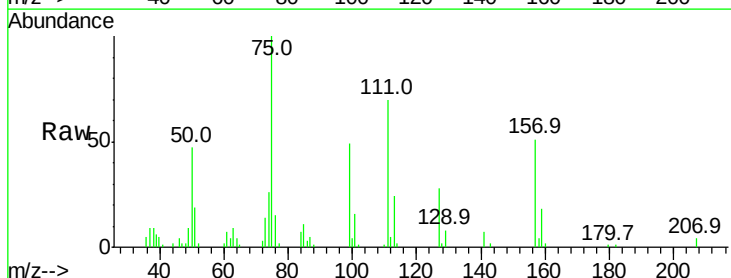
Tgt Ion:113 Resp: 14145

Ion Ratio Lower Upper

113 100

55 0.0 131.7 197.5#

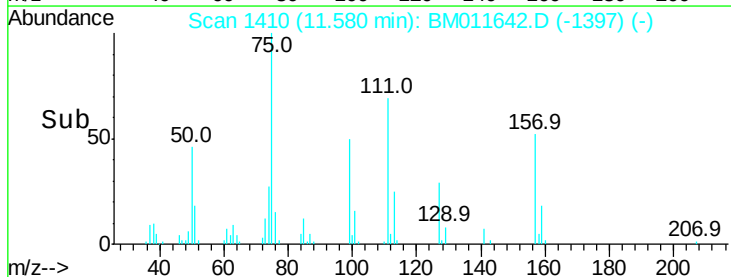
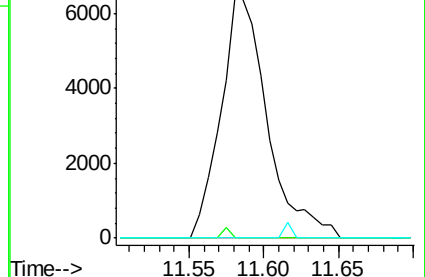
56 0.0 92.7 139.1#

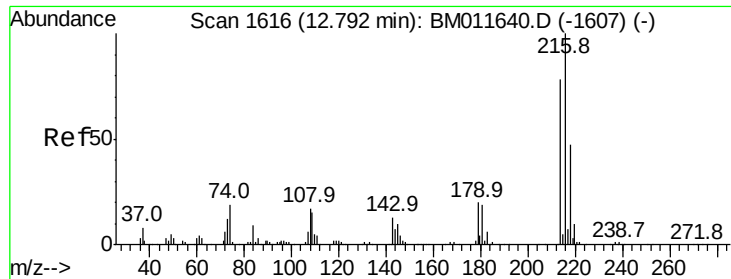


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

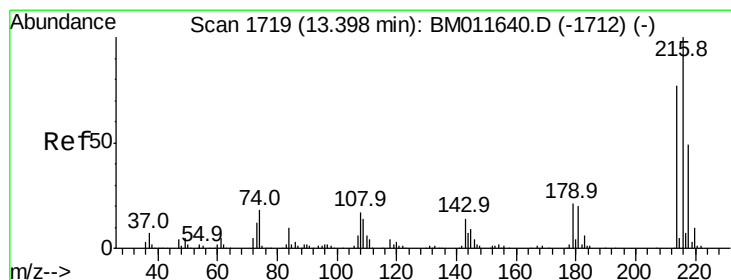
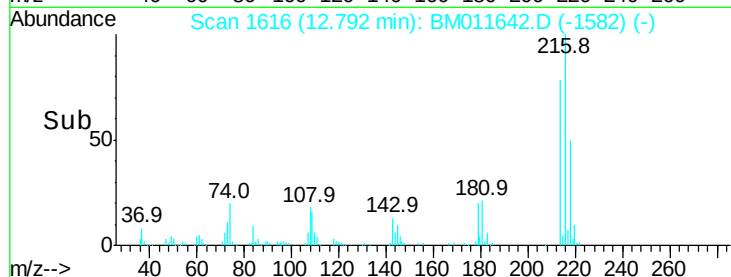
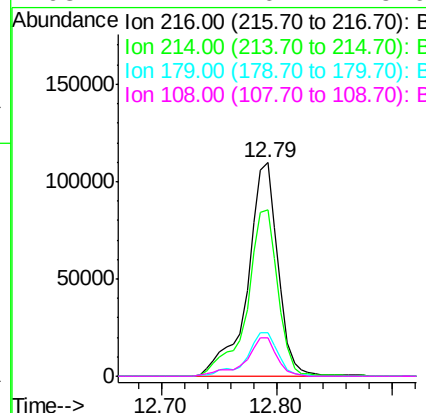
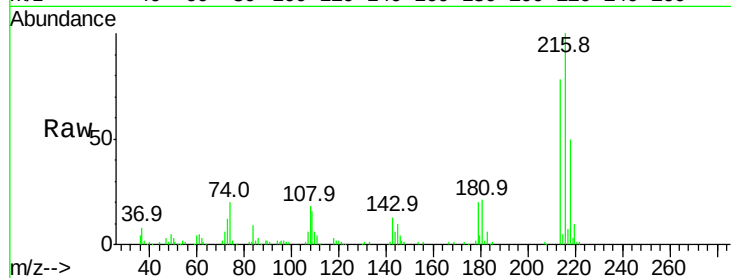




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.713 ng/ul
 RT: 12.79 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BM011642.D
 Acq: 20 Sep 2017 17:58

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Tot Ion	Ratio	Lower	Upper
216	100		
214	77.7	64.1	96.1
179	20.2	14.5	21.7
108	17.7	10.4	15.6



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 25.525 ng/uL
 RT: 13.40 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM011642.D
 Acq: 20 Sep 2017 17:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.1	96.1
218	49.4	39.4	59.0

