

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\
 Data File : BM011619.D
 Acq On : 20 Sep 2017 00:04
 Operator : SJ/JU
 Sample : I5271-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ6

Quant Time: Sep 20 05:51:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 05:31:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	386316	20.00	ng/ul	0.01
18) Naphthalene-d8	10.78	136	1609138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	952397	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2136905	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2260605	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2100091	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	41442	4.83	ng/uL	0.00
5) Phenol-d5	7.12	99	177615	4.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	648861	25.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	572593	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	340121	11.74	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	366559	30.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	391244	30.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	662654	25.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	21594	0.77	ng/ul	0.01
44) Dimethylphthalate-d6	14.00	166	2426400	30.14	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2850271	29.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	56673	3.75	ng/ul	0.00
58) Fluorene-d10	15.59	176	2074201	29.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	336310	27.05	ng/ul	0.00
71) Anthracene-d10	17.43	188	3338503	31.73	ng/ul	0.00
79) Pyrene-d10	19.72	212	3719477	35.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3177587	31.75	ng/ul	0.00

Target Compounds

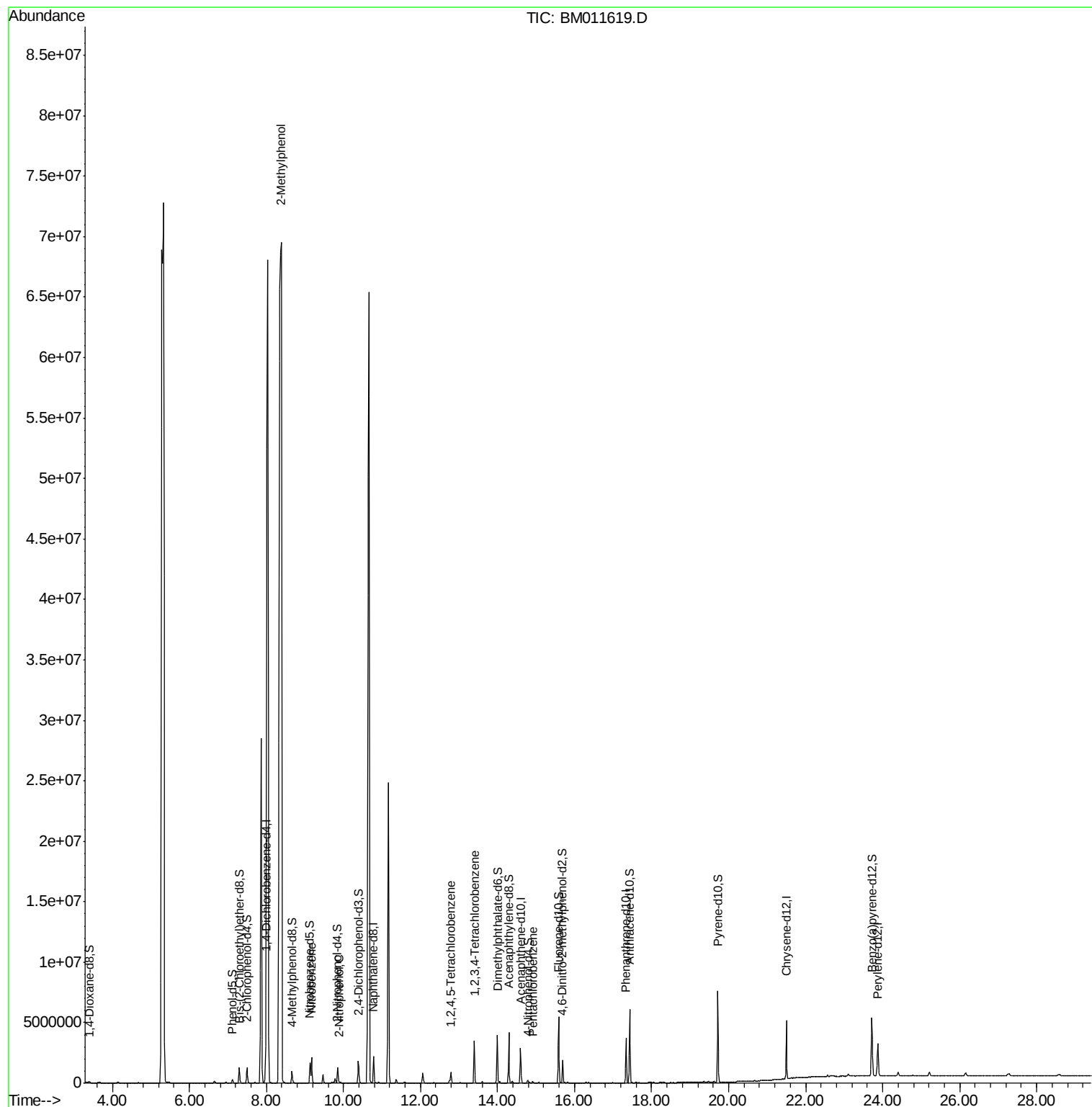
					Ovalue	
11) 2-Methylphenol	8.37	108	435505	15.599	ng/ul	98
20) Nitrobenzene	9.17	77	1066069	37.115	ng/ul	94
23) 2-Nitrophenol	9.89	139	16260	1.219	ng/ul#	85
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	299245	10.592	ng/ul#	97
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1003571	35.244	ng/uL	97
74) Pentachlorobenzene	14.91	250	38955	1.349	ng/uL	95

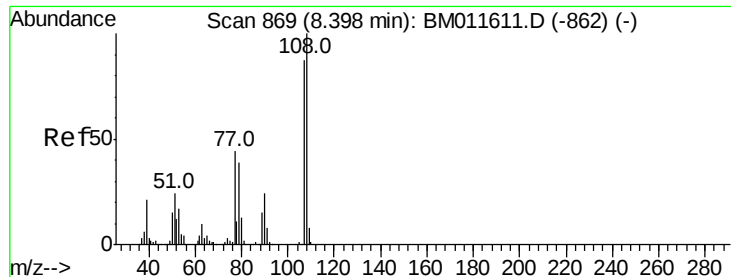
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 15.599 ng/ul

RT: 8.37 min Scan# 864

Delta R.T. -0.03 min

Lab File: BM011619.D

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BNA_M

ClientSampleId :

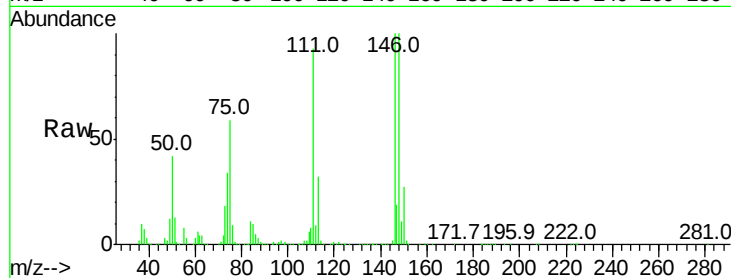
C0AJ6

Tot Ion:108 Resp: 435505

Ion Ratio Lower Upper

108 100

107 91.1 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

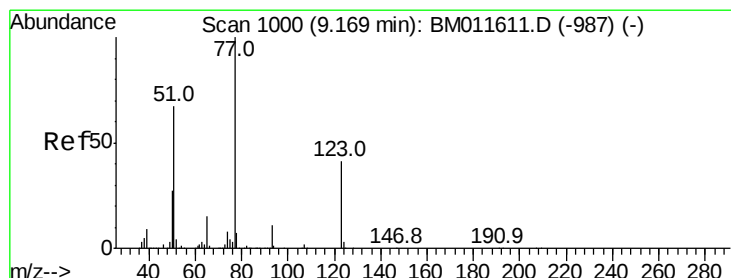
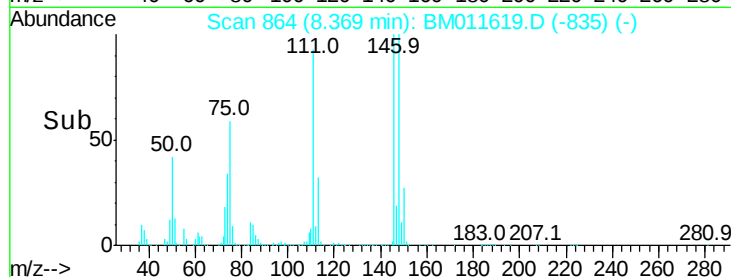
150000

100000

50000

0

Time--> 8.25 8.30 8.35 8.40



#20

Nitrobenzene

Concen: 37.115 ng/ul

RT: 9.17 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BM011619.D

Acq: 20 Sep 2017 00:04

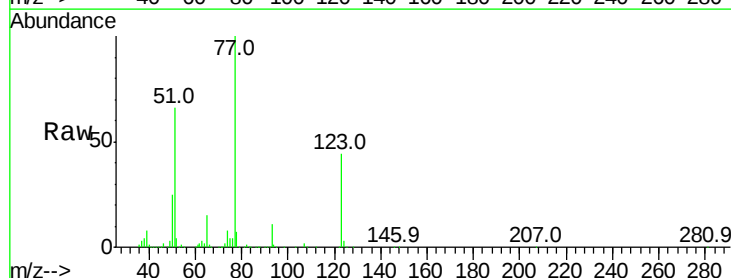
Tgt Ion: 77 Resp: 1066069

Ion Ratio Lower Upper

77 100

123 43.8 31.8 47.8

65 15.0 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

800000

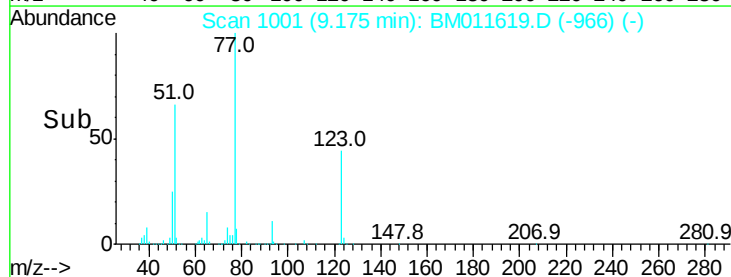
600000

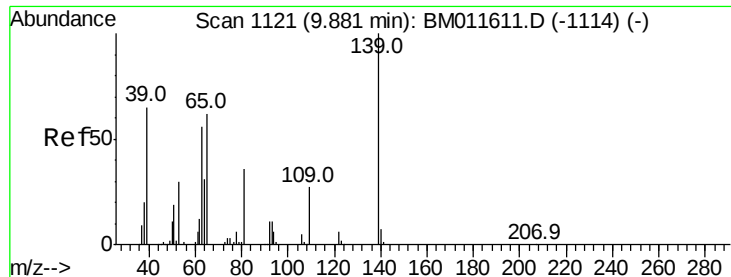
400000

200000

0

Time--> 9.00 9.10 9.20 9.30

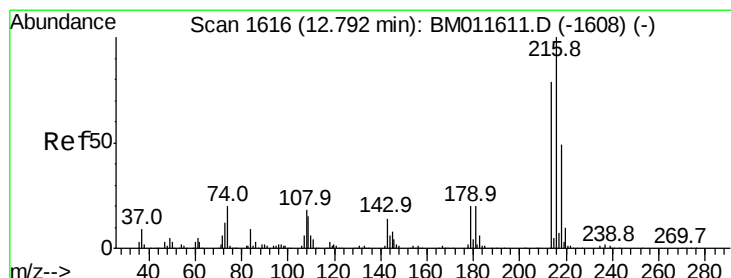
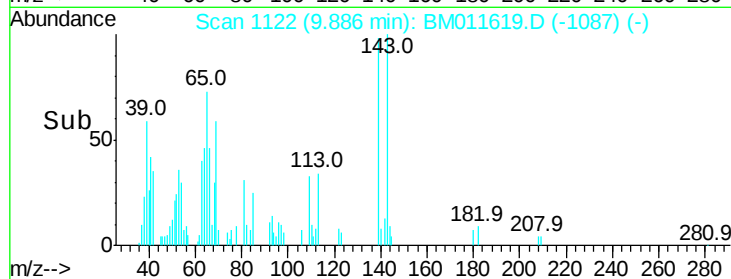
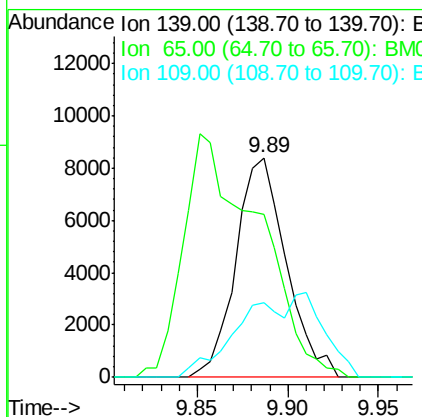
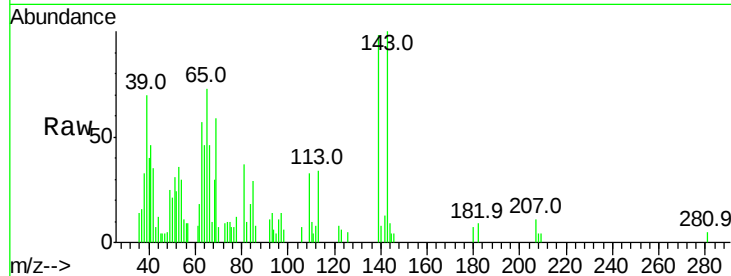




#23
 2-Nitrophenol
 Concen: 1.219 ng/ul
 RT: 9.89 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BM011619.D
 Acq: 20 Sep 2017 00:04

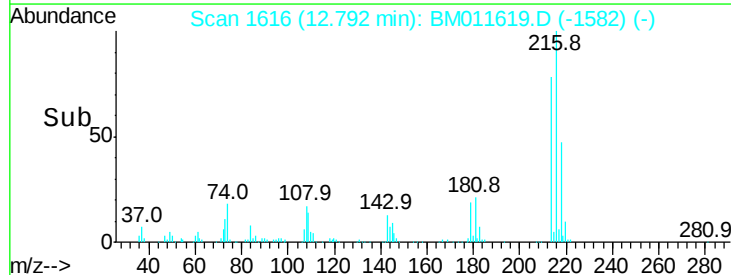
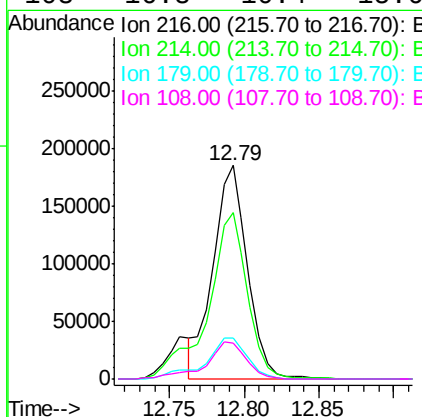
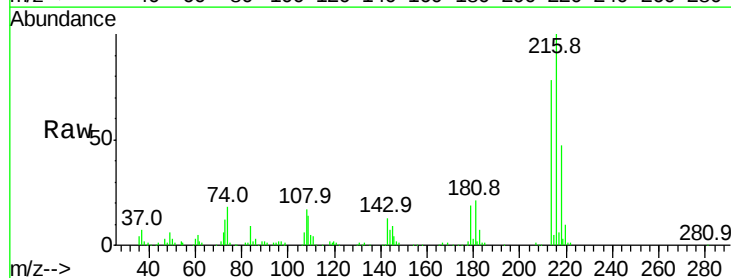
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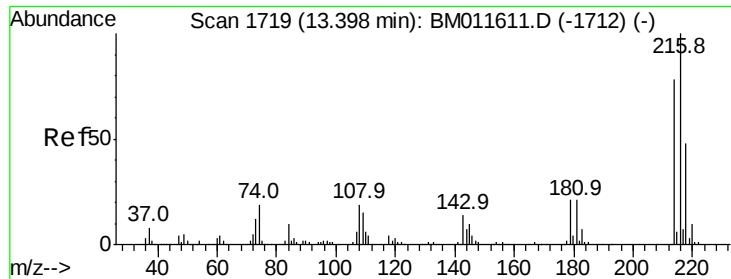
Tot Ion:139 Resp: 16260
 Ion Ratio Lower Upper
 139 100
 65 74.0 45.3 67.9#
 109 33.9 27.7 41.5



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.592 ng/ul
 RT: 12.79 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BM011619.D
 Acq: 20 Sep 2017 00:04

Tgt Ion:216 Resp: 299245
 Ion Ratio Lower Upper
 216 100
 214 78.0 64.1 96.1
 179 19.4 14.5 21.7
 108 16.8 10.4 15.6#



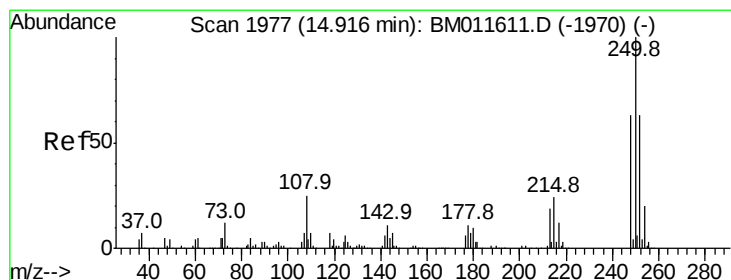
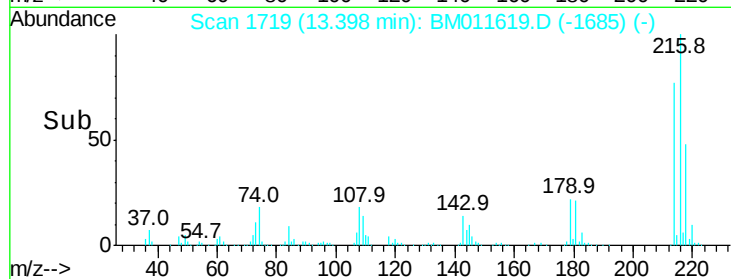
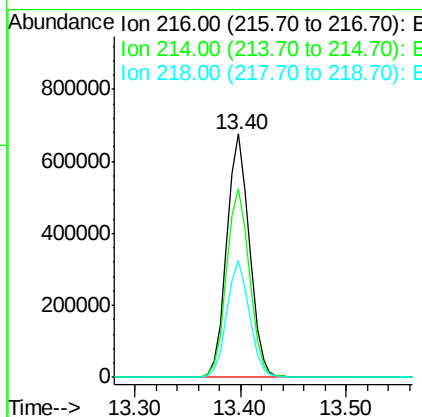
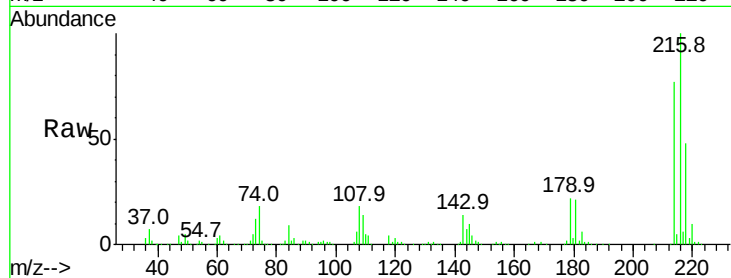


#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 35.244 ng/uL
 RT: 13.40 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM011619.D
 Acq: 20 Sep 2017 00:04

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ6

Tot Ion:216 Resp: 1003571

Ion	Ratio	Lower	Upper
216	100		
214	77.4	64.1	96.1
218	47.9	39.4	59.0



#74
 Pentachlorobenzene
 Concen: 1.349 ng/uL
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BM011619.D
 Acq: 20 Sep 2017 00:04

Tgt Ion:250 Resp: 38955

Ion	Ratio	Lower	Upper
250	100		
248	65.7	51.4	77.2
252	68.5	49.8	74.6

