

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
 Data File : BM018446.D
 Acq On : 07 Jan 2019 16:14
 Operator : JU/SJ
 Sample : K1048-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0950

Quant Time: Jan 08 09:18:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 07 23:55:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	386266	20.00	ng/ul	0.04
18) Naphthalene-d8	10.57	136	1609363	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.41	164	867166	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1959801	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	2145571	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	2217165	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	34544	4.17	ng/uL	0.00
5) Phenol-d5	6.95	99	207748	6.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	527658	30.78	ng/ul	0.01
9) 2-Chlorophenol-d4	7.31	132	694843	26.05	ng/ul	0.01
13) 4-Methylphenol-d8	8.48	113	409087	16.56	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	412224	33.46	ng/ul	0.01
22) 2-Nitrophenol-d4	9.65	143	448291	35.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	765753	30.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	21861	1.11	ng/ul	0.02
43) Dimethylphthalate-d6	13.82	166	2561535	34.42	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	3230107	34.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	84166	6.55	ng/ul	0.00
57) Fluorene-d10	15.40	176	2217012	34.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	334374	31.16	ng/ul	0.00
70) Anthracene-d10	17.26	188	3423564	35.91	ng/ul	0.00
78) Pyrene-d10	19.56	212	3812139	34.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	4310242	35.75	ng/ul	0.00

Target Compounds

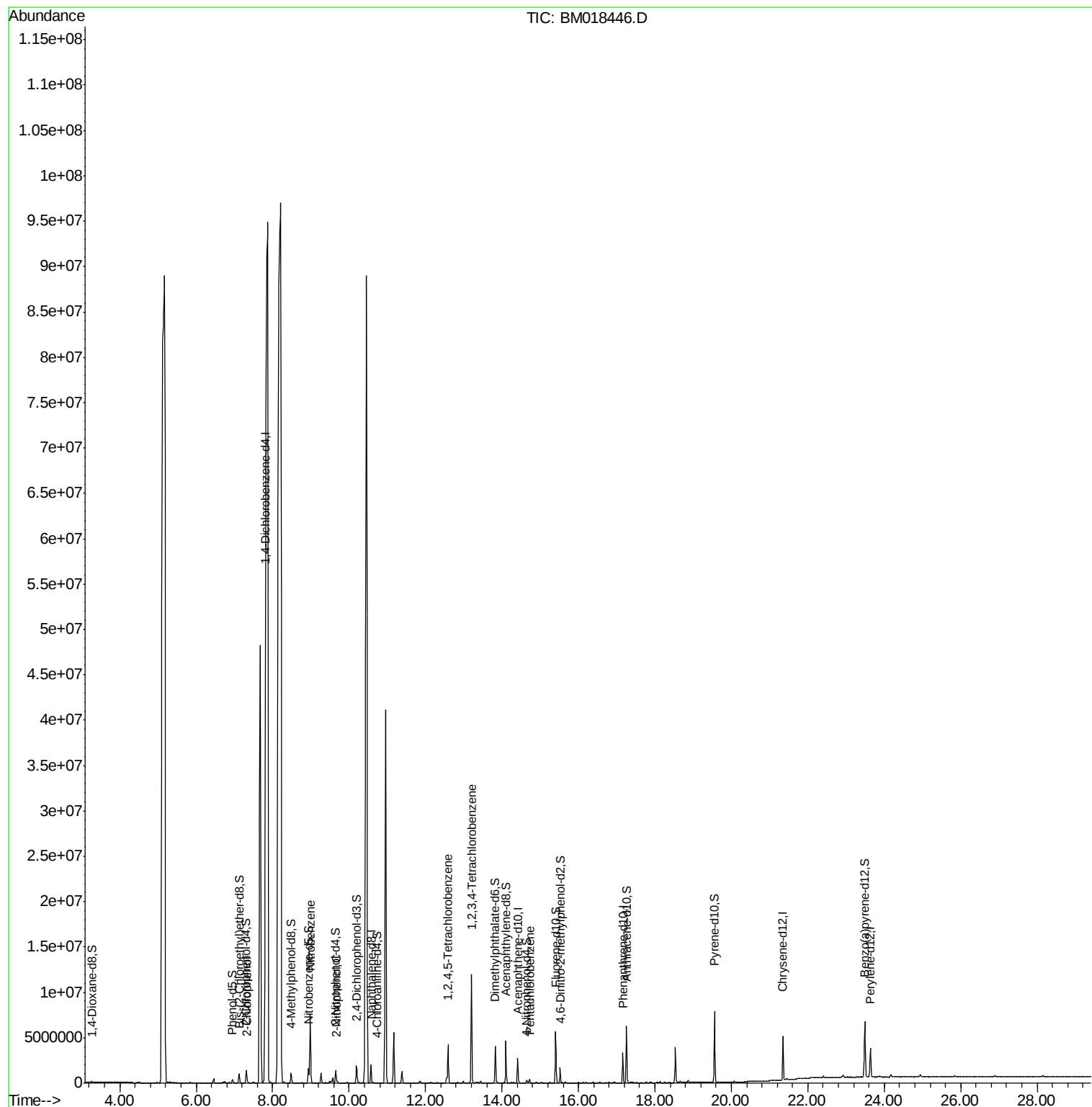
					Ovalue
10) 2-Chlorophenol	7.34	128	46274	1.750	ng/ul 95
20) Nitrobenzene	8.99	77	3915706	145.656	ng/ul 98
23) 2-Nitrophenol	9.68	139	35496	2.611	ng/ul 98
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	1234719	41.914	ng/ul 99
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	3497749	123.126	ng/uL 99
73) Pentachlorobenzene	14.72	250	84283	3.099	ng/uL 95

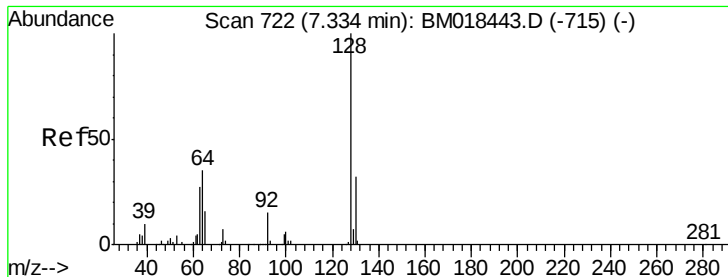
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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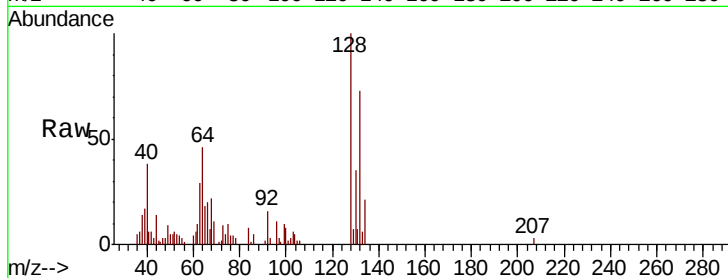




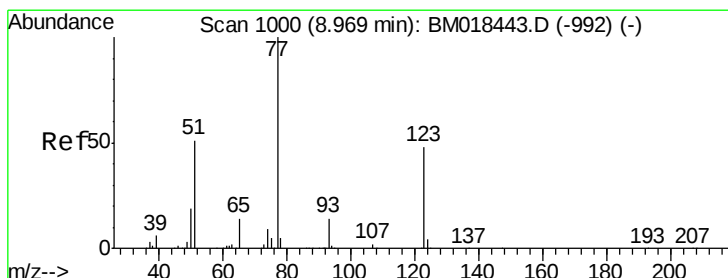
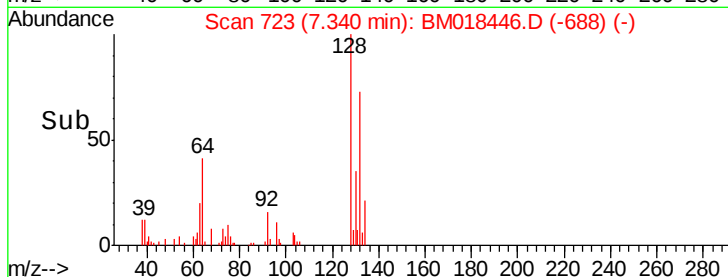
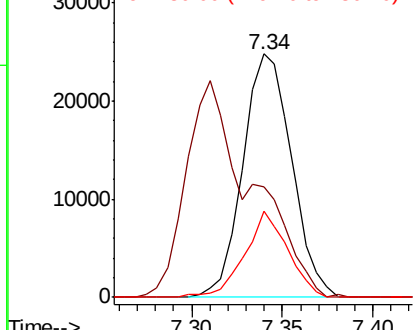
#10
2-Chlorophenol
Concen: 1.750 ng/ul
RT: 7.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BM018446.D
Acq: 07 Jan 2019 16:14

Instrument :
BNA_M
ClientSampleId :
C0950

Tot Ion:128 Resp: 46274
Ion Ratio Lower Upper
128 100
64 45.6 32.5 48.7
130 35.1 27.4 41.0

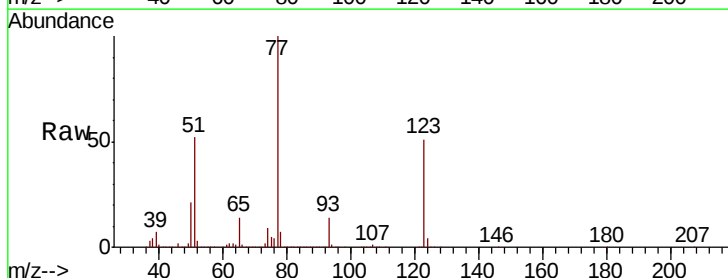


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E

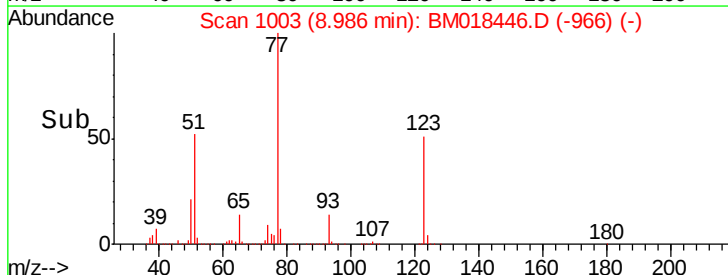
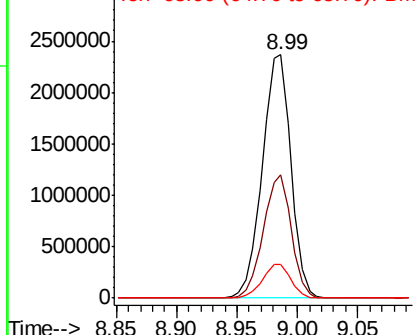


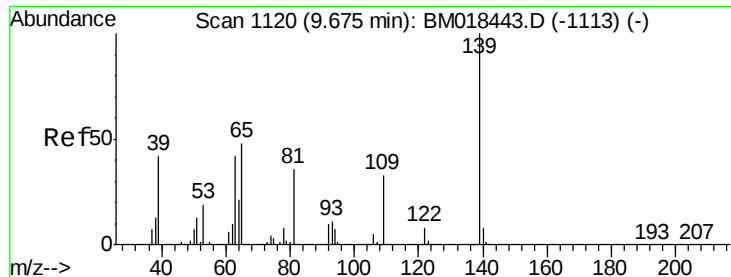
#20
Nitrobenzene
Concen: 145.656 ng/ul
RT: 8.99 min Scan# 1003
Delta R.T. 0.02 min
Lab File: BM018446.D
Acq: 07 Jan 2019 16:14

Tgt Ion: 77 Resp: 3915706
Ion Ratio Lower Upper
77 100
123 50.7 39.5 59.3
65 14.0 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM

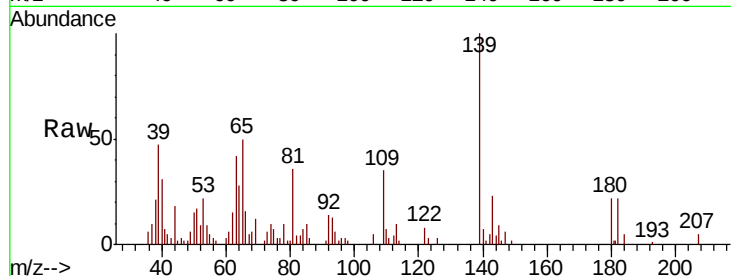




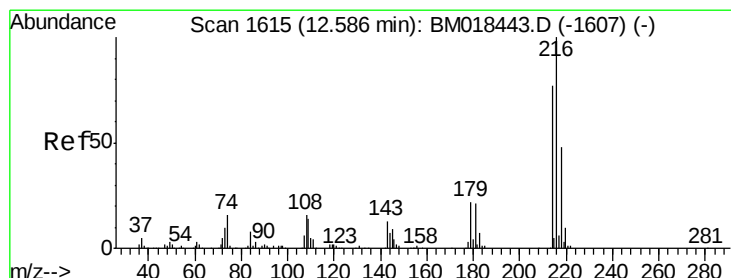
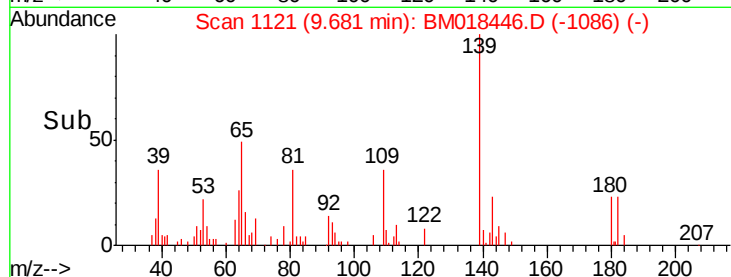
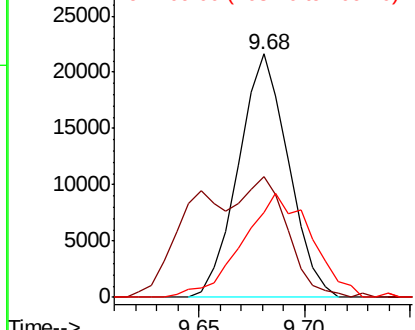
#23
 2-Nitrophenol
 Concen: 2.611 ng/ul
 RT: 9.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BM018446.D
 Acq: 07 Jan 2019 16:14

Instrument :
 BNA_M
 ClientSampled :
 C0950

Tot Ion:139 Resp: 35496
 Ion Ratio Lower Upper
 139 100
 65 49.6 40.9 61.3
 109 34.9 26.8 40.2

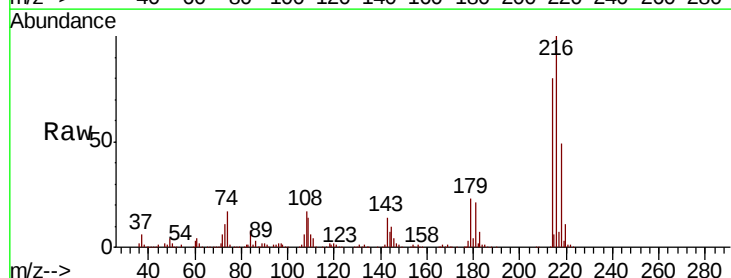


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM
 Ion 109.00 (108.70 to 109.70): E

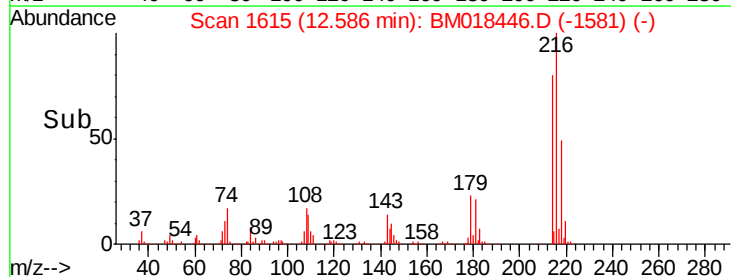
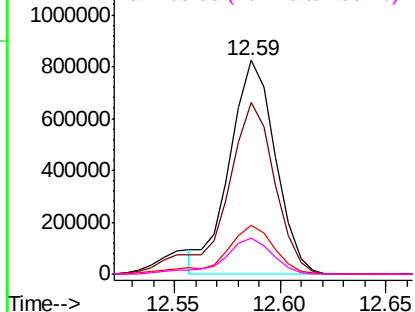


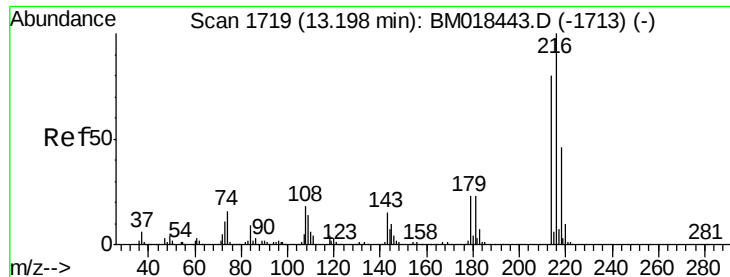
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.914 ng/ul
 RT: 12.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BM018446.D
 Acq: 07 Jan 2019 16:14

Tgt Ion:216 Resp: 1234719
 Ion Ratio Lower Upper
 216 100
 214 80.1 64.3 96.5
 179 22.7 18.8 28.2
 108 16.6 13.4 20.2



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





#72

1,2,3,4-Tetrachlorobenzene

Concen: 123.126 ng/uL

RT: 13.20 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BM018446.D

Acq: 07 Jan 2019 16:14

Instrument :

BNA_M

ClientSampleId :

C0950

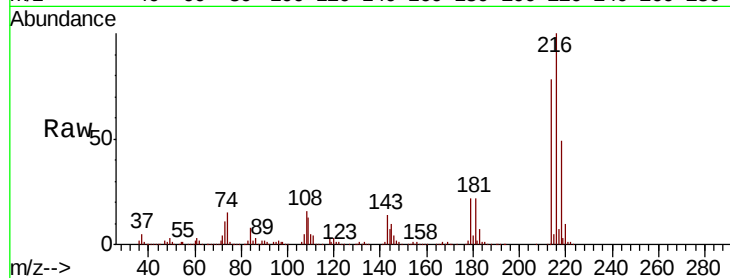
Tot Ion:216 Resp: 3497749

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.3	93.5
218	48.7	38.5	57.7

216 100

214 78.3 62.3 93.5

218 48.7 38.5 57.7

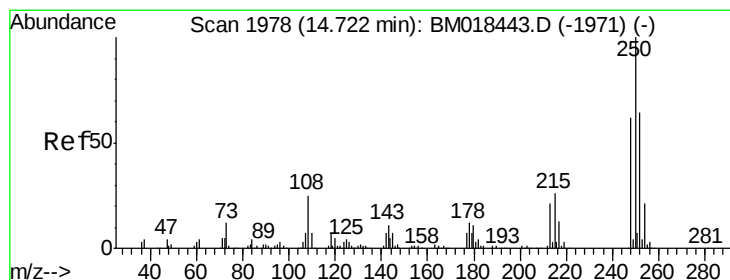
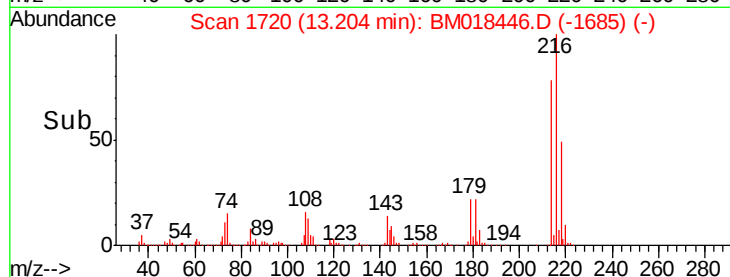
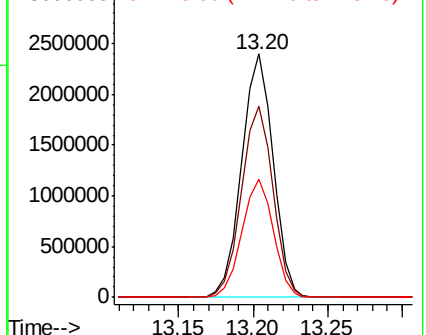


Abundance

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



#73

Pentachlorobenzene

Concen: 3.099 ng/uL

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM018446.D

Acq: 07 Jan 2019 16:14

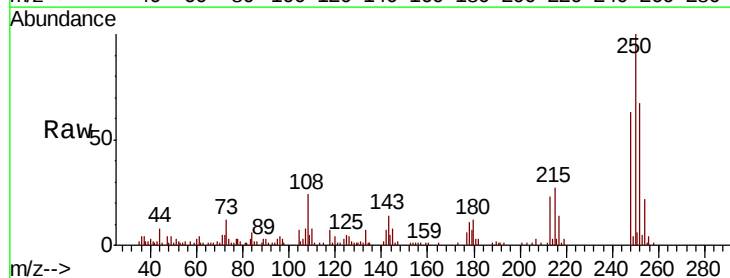
Tgt Ion:250 Resp: 84283

Ion	Ratio	Lower	Upper
250	100		
248	63.0	48.7	73.1
252	67.3	49.1	73.7

250 100

248 63.0 48.7 73.1

252 67.3 49.1 73.7



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

