

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
 Data File : BM018446.D
 Acq On : 07 Jan 2019 16:14
 Operator : JU/SJ
 Sample : J1048-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 08 00:07:34 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

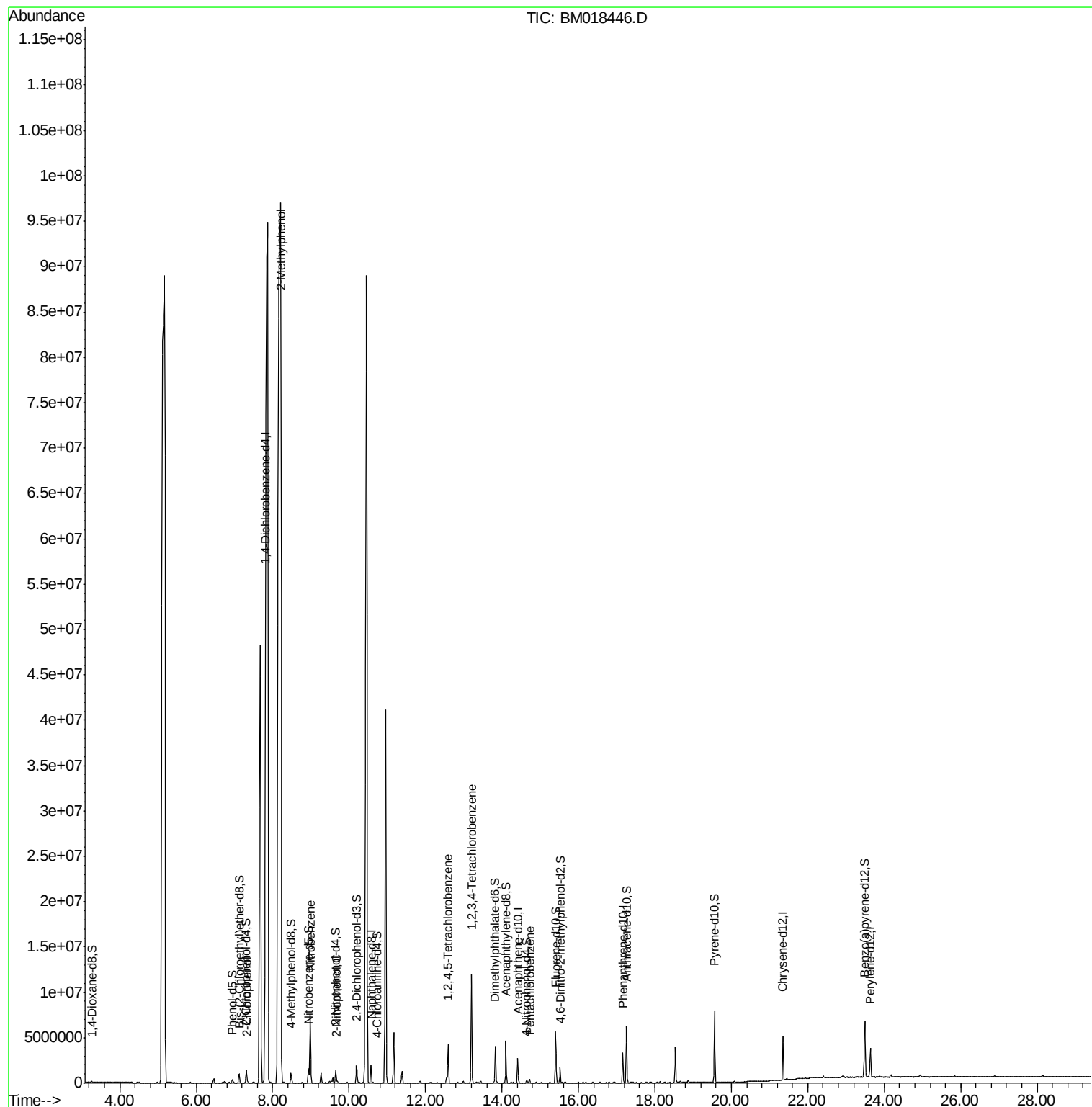
					Ovalue
10) 2-Chlorophenol	7.34	128	46274	1.750	ng/ul 95
11) 2-Methylphenol	8.22	108	1234604	52.924	ng/ul 97
20) Nitrobenzene	8.99	77	3915706	145.656	ng/ul 98
23) 2-Nitrophenol	9.68	139	35496	2.611	ng/ul 98
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	1234719	41.914	ng/ul 99
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	3497749	123.126	ng/uL 99
73) Pentachlorobenzene	14.72	250	84283	3.099	ng/uL 95

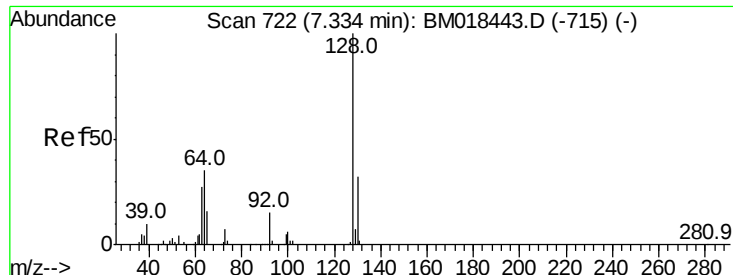
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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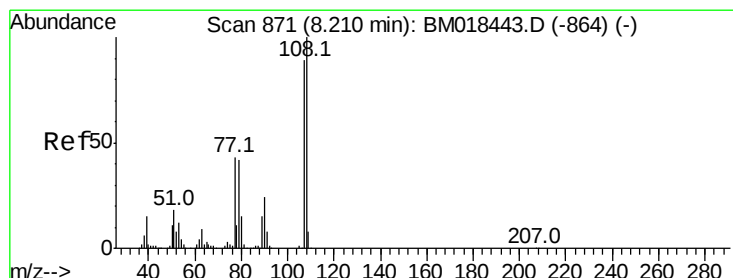
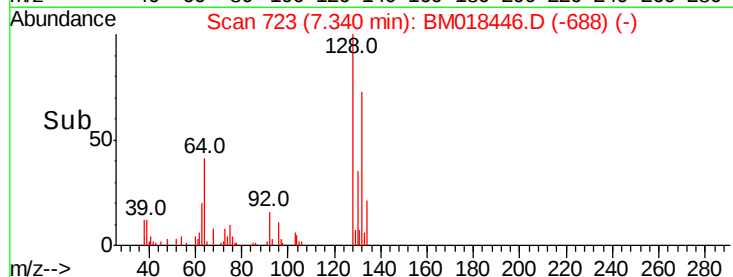
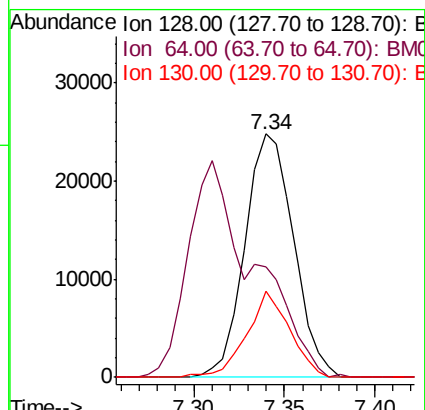
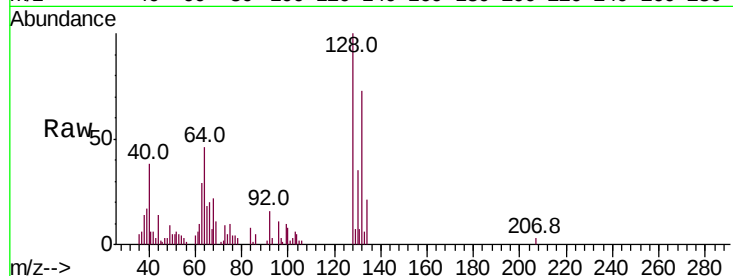




#10
2-Chlorophenol
Concen: 1.750 ng/ul
RT: 7.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BM018446.D
Acq: 07 Jan 2019 16:14

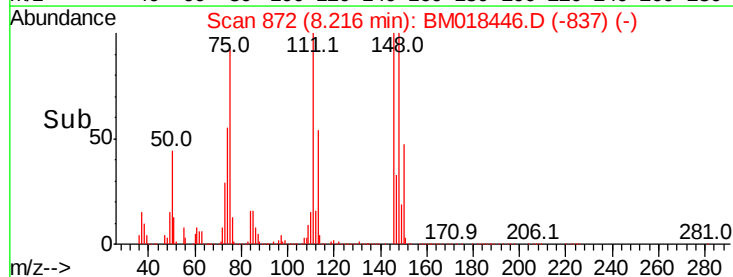
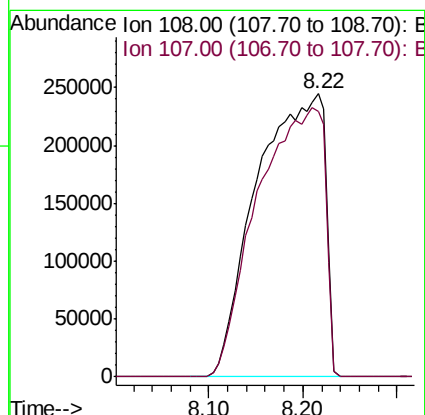
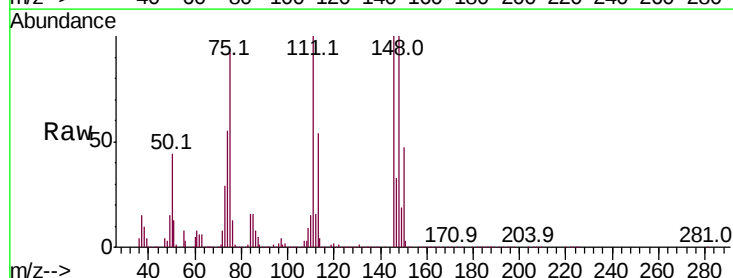
Instrument :
BNA_M
ClientSampleId :

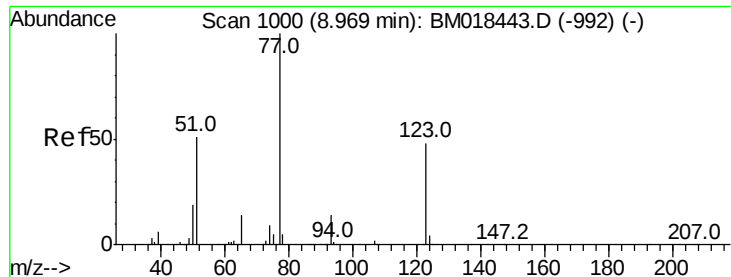
Tot Ion:128 Resp: 46274
Ion Ratio Lower Upper
128 100
64 45.6 32.5 48.7
130 35.1 27.4 41.0



#11
2-Methylphenol
Concen: 52.924 ng/ul
RT: 8.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BM018446.D
Acq: 07 Jan 2019 16:14

Tgt Ion:108 Resp: 1234604
Ion Ratio Lower Upper
108 100
107 93.8 72.7 109.1

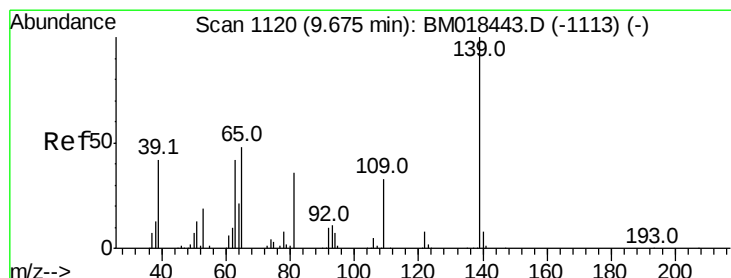
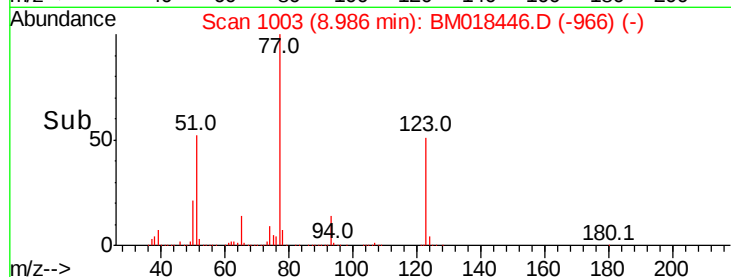
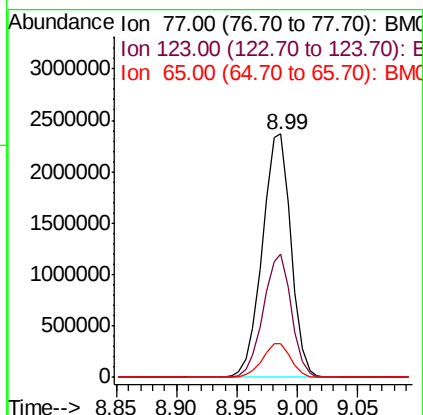
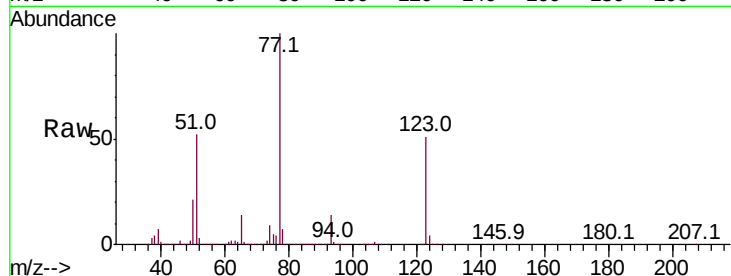




#20
Nitrobenzene
Concen: 145.656 ng/ul
RT: 8.99 min Scan# 1003
Delta R.T. 0.02 min
Lab File: BM018446.D
Acq: 07 Jan 2019 16:14

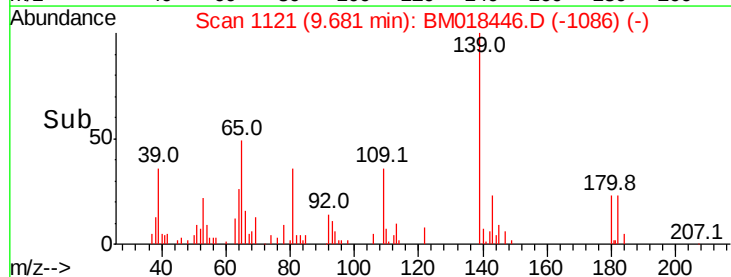
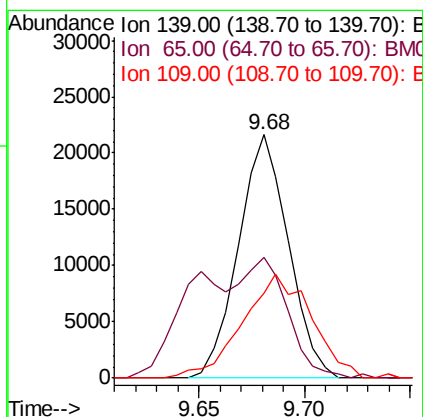
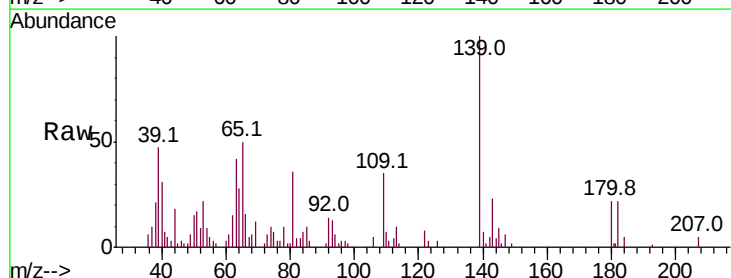
Instrument :
BNA_M
ClientSampleId :

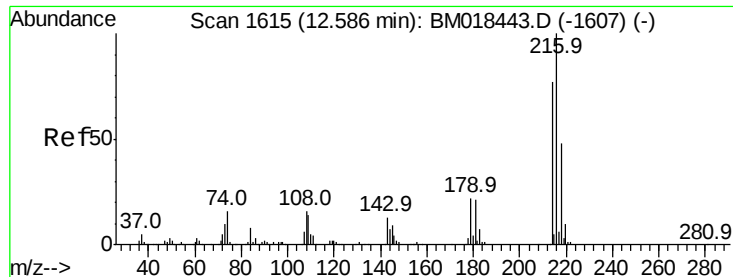
Tot Ion: 77 Resp: 3915706
Ion Ratio Lower Upper
77 100
123 50.7 39.5 59.3
65 14.0 10.9 16.3



#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

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





#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

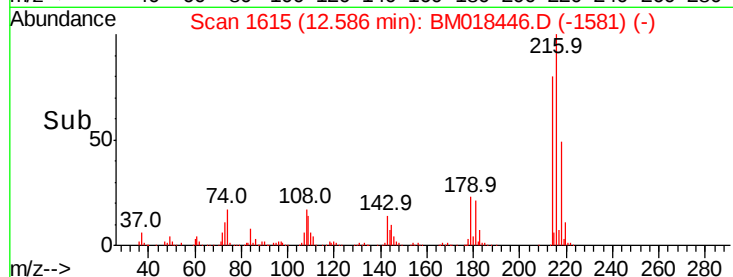
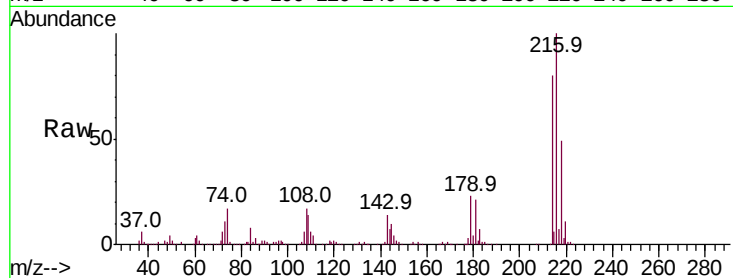
Instrument :

BNA_M

ClientSampleId :

Tot 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

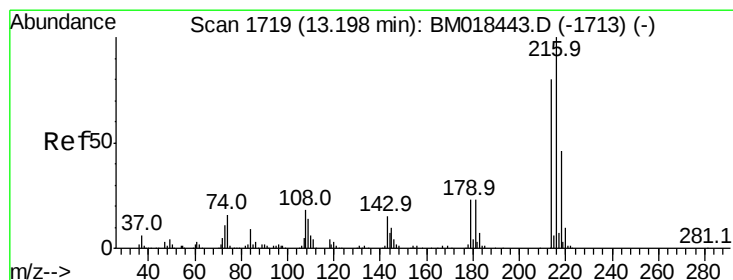
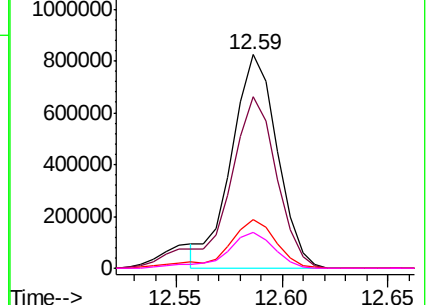


Abundance Ion 216.00 (215.70 to 216.70): E

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

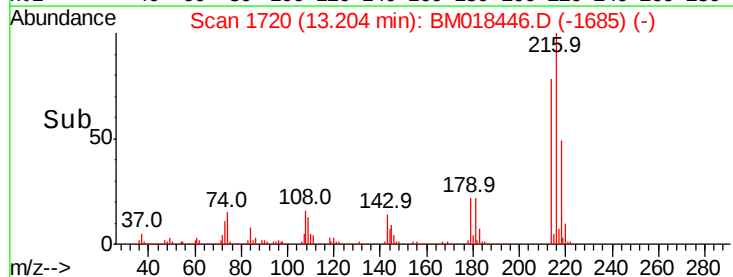
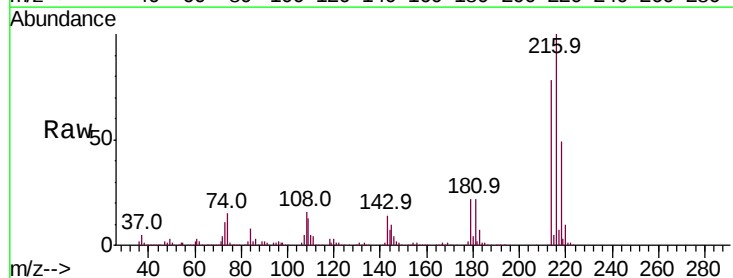
Delta R.T. 0.01 min

Lab File: BM018446.D

Acq: 07 Jan 2019 16:14

Tgt Ion:216 Resp: 3497749

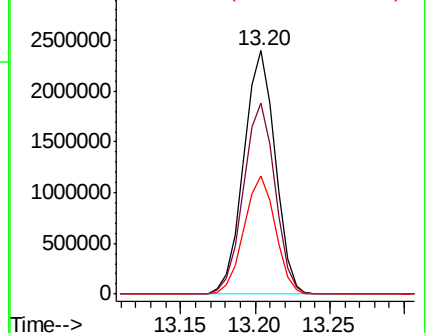
Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.3	93.5
218	48.7	38.5	57.7

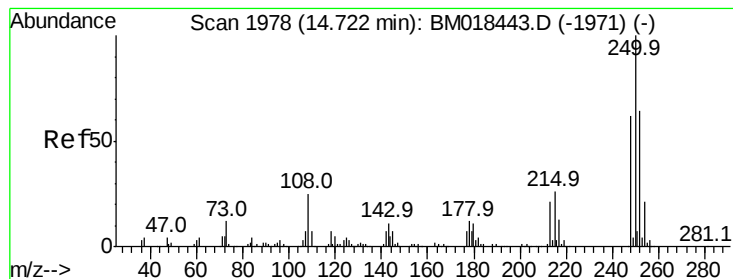


Abundance Ion 216.00 (215.70 to 216.70): E

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

Instrument :

BNA_M

ClientSampleId :

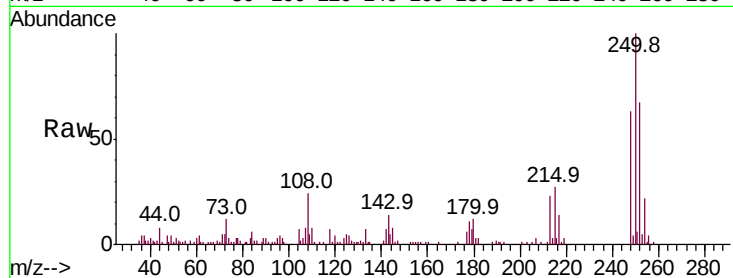
Tot Ion:250 Resp: 84283

Ion Ratio Lower Upper

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

