

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019478.D
 Acq On : 26 Mar 2019 19:52
 Operator : JU/SJ
 Sample : K2069-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09D9

Quant Time: Mar 27 03:42:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 27 03:30:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	168315	20.00	ng/ul	0.06
18) Naphthalene-d8	10.40	136	682679	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.26	164	361332	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	751815	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	731328	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	778525	20.00	ng/ul	0.00

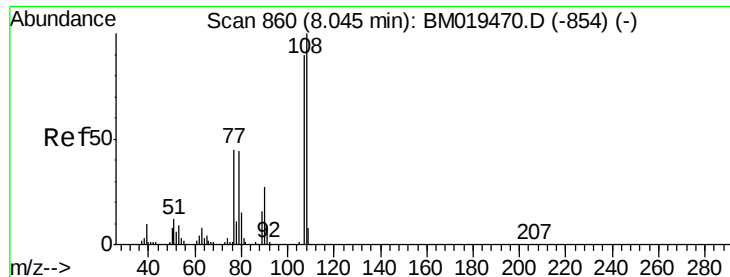
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	15516	3.61	ng/uL	0.00
5) Phenol-d5	6.79	99	106599	7.11	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.98	67	295804	29.48	ng/ul	0.03
9) 2-Chlorophenol-d4	7.15	132	306821	27.01	ng/ul	0.02
13) 4-Methylphenol-d8	8.32	113	198101	17.61	ng/ul	0.01
19) Nitrobenzene-d5	8.79	128	185962	38.19	ng/ul	0.02
22) 2-Nitrophenol-d4	9.49	143	213775	39.44	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	349203	34.15	ng/ul	0.01
29) 4-Chloroaniline-d4	10.56	131	23406	1.91	ng/ul	0.02
44) Dimethylphthalate-d6	13.68	166	1069179	36.67	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1371759	37.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	24571	5.38	ng/ul	0.02
58) Fluorene-d10	15.26	176	911438	36.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	170462	34.29	ng/ul	0.00
71) Anthracene-d10	17.12	188	1366660	37.88	ng/ul	0.00
79) Pyrene-d10	19.42	212	1400401	41.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1475132	35.74	ng/ul	0.00

Target Compounds

					Qvalue	
11) 2-Methylphenol	8.05	108	443089	40.620	ng/ul	98
17) Hexachloroethane	8.67	117	6668	1.374	ng/ul#	79
20) Nitrobenzene	8.83	77	4194483	289.348	ng/ul	95
23) 2-Nitrophenol	9.52	139	51054	8.539	ng/ul	92
28) Naphthalene	10.45	128	52517	1.485	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	443723	38.592	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	1343178	123.228	ng/uL	97
74) Pentachlorobenzene	14.57	250	16767	1.471	ng/uL	95

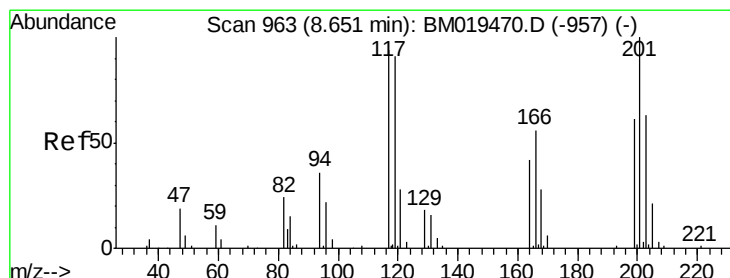
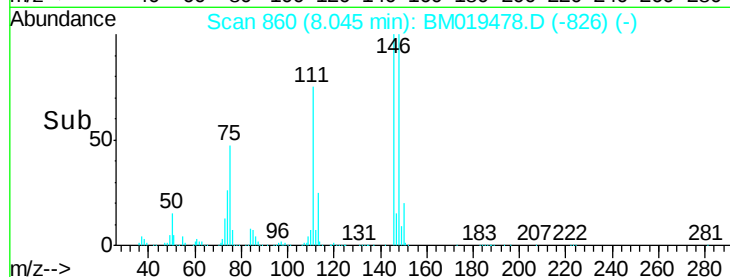
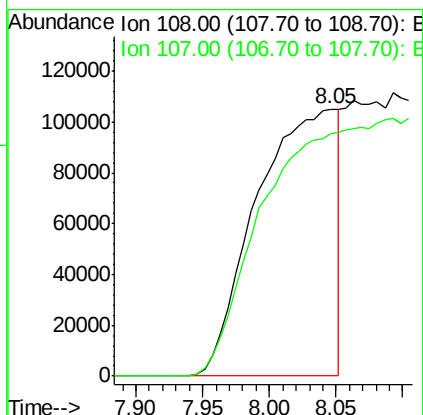
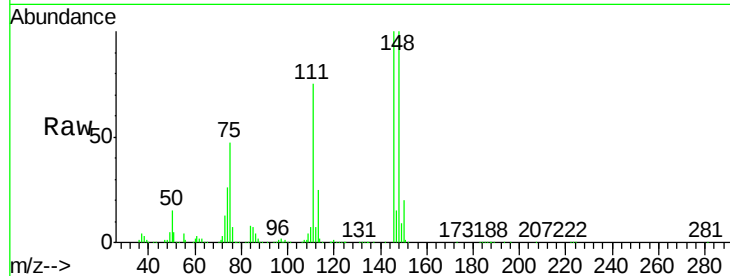
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#11
2-Methylphenol
Concen: 40.620 ng/ul
RT: 8.05 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM019478.D
Acq: 26 Mar 2019 19:52

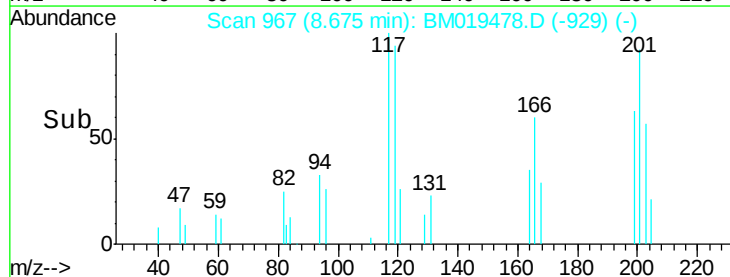
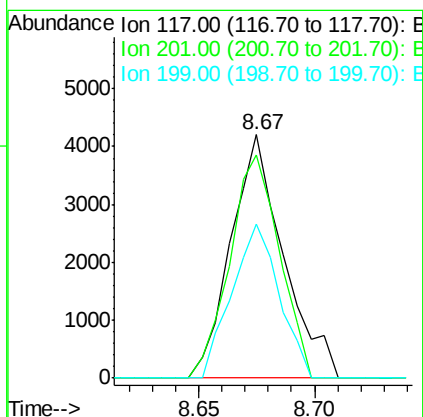
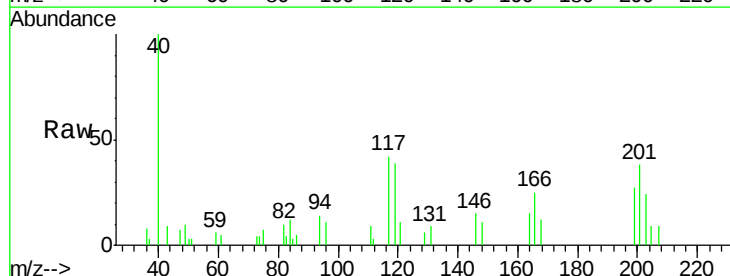
Instrument :
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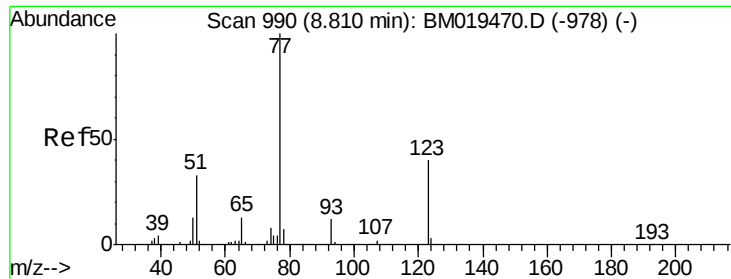
Tgt Ion:108 Resp: 443089
Ion Ratio Lower Upper
108 100
107 90.7 74.1 111.1



#17
Hexachloroethane
Concen: 1.374 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. 0.02 min
Lab File: BM019478.D
Acq: 26 Mar 2019 19:52

Tgt Ion:117 Resp: 6668
Ion Ratio Lower Upper
117 100
201 91.6 96.1 144.1#
199 63.3 59.7 89.5

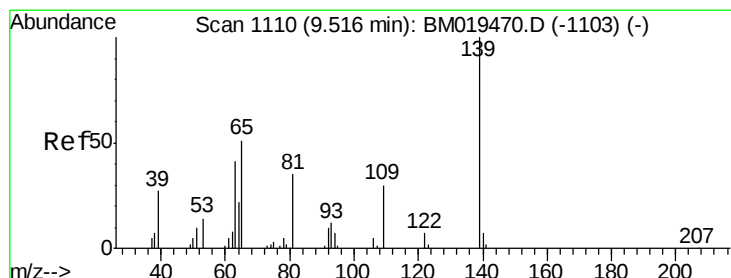
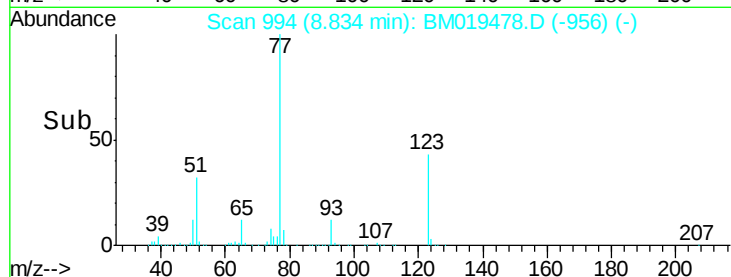
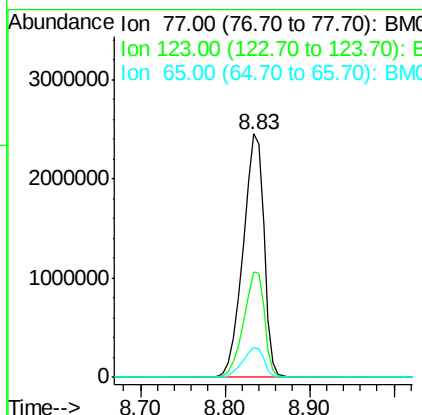
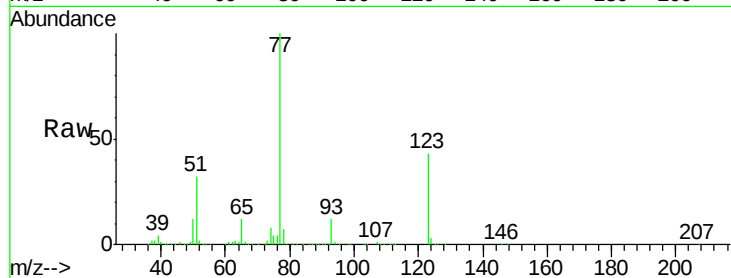




#20
Nitrobenzene
Concen: 289.348 ng/ul
RT: 8.83 min Scan# 994
Delta R.T. 0.02 min
Lab File: BM019478.D
Acq: 26 Mar 2019 19:52

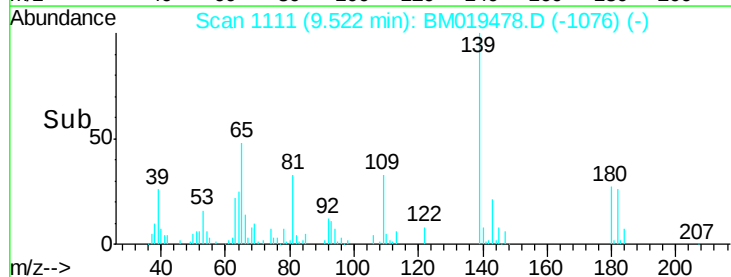
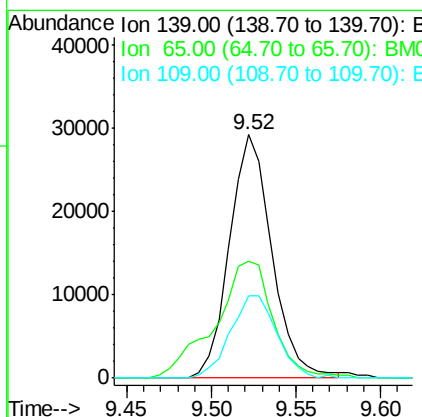
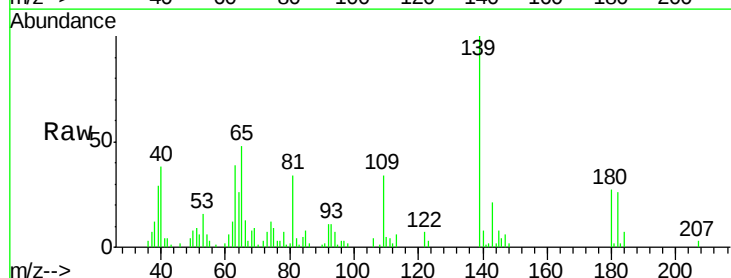
Instrument :
BNA_M
ClientSampleId :
C09D9

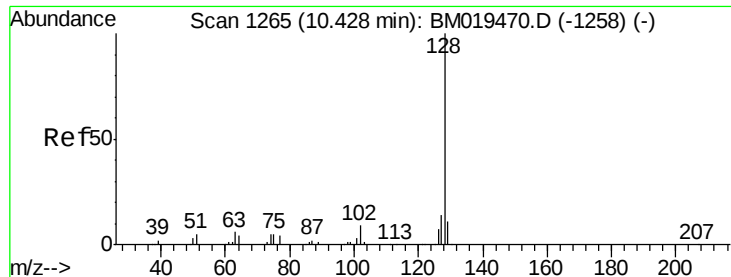
Tgt Ion: 77 Resp: 4194483
Ion Ratio Lower Upper
77 100
123 43.2 31.8 47.8
65 12.4 10.6 16.0



#23
2-Nitrophenol
Concen: 8.539 ng/ul
RT: 9.52 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM019478.D
Acq: 26 Mar 2019 19:52

Tgt Ion: 139 Resp: 51054
Ion Ratio Lower Upper
139 100
65 48.3 45.3 67.9
109 33.9 27.7 41.5





#28

Naphthalene

Concen: 1.485 ng/ul

RT: 10.45 min Scan# 1269

Delta R.T. 0.02 min

Lab File: BM019478.D

Acq: 26 Mar 2019 19:52

Instrument :

BNA_M

ClientSampleId :

C09D9

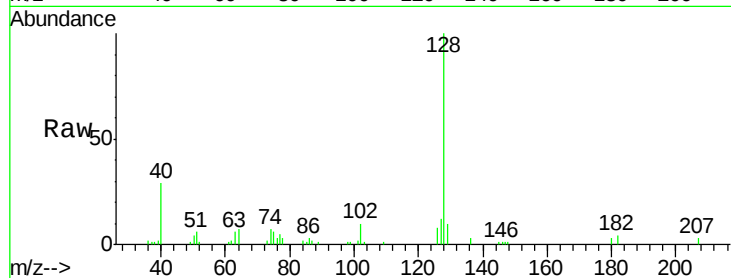
Tgt Ion:128 Resp: 52517

Ion Ratio Lower Upper

128 100

129 9.7 8.3 12.5

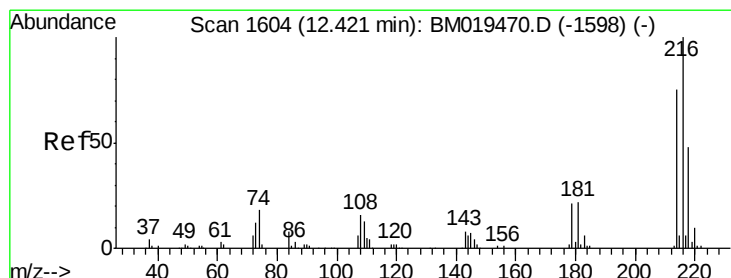
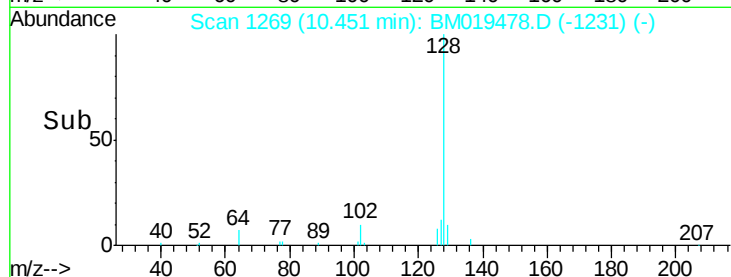
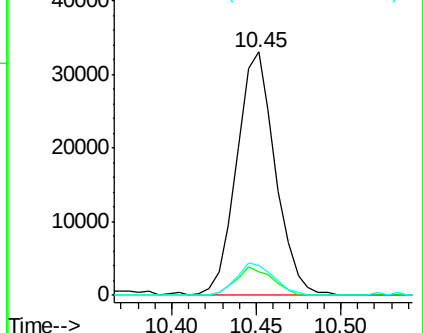
127 12.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 38.592 ng/ul

RT: 12.43 min Scan# 1605

Delta R.T. 0.01 min

Lab File: BM019478.D

Acq: 26 Mar 2019 19:52

Tgt Ion:216 Resp: 443723

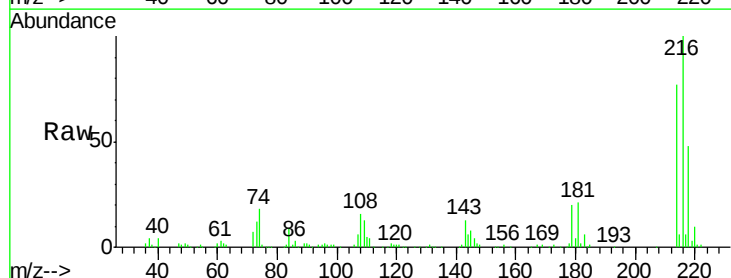
Ion Ratio Lower Upper

216 100

214 77.1 64.1 96.1

179 20.4 14.5 21.7

108 15.8 10.4 15.6#

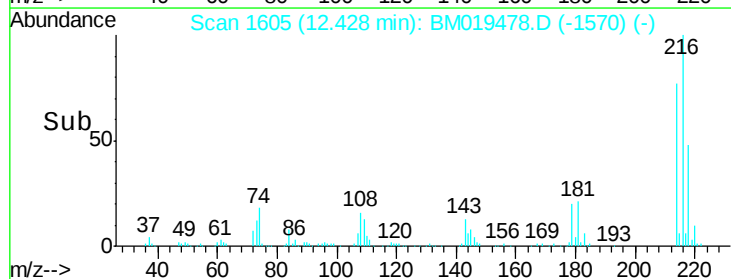
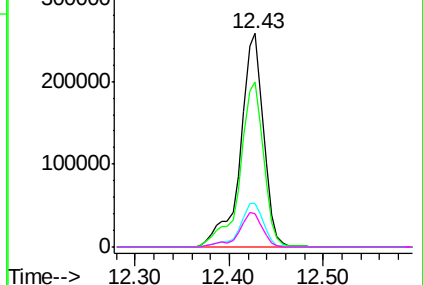


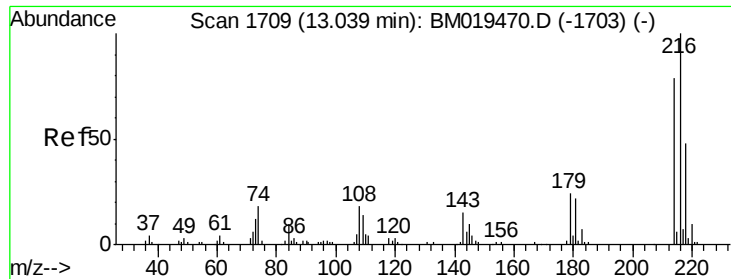
Abundance Ion 216.00 (215.70 to 216.70): E

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

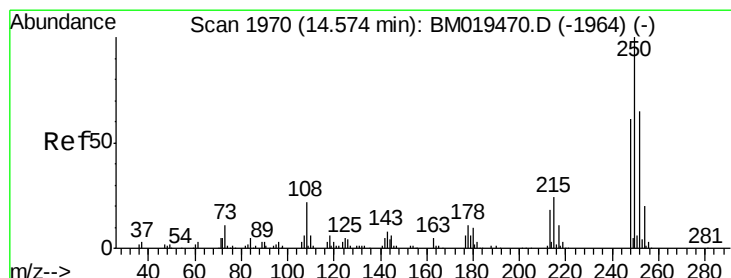
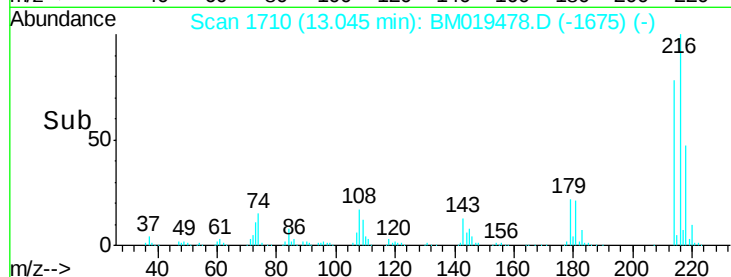
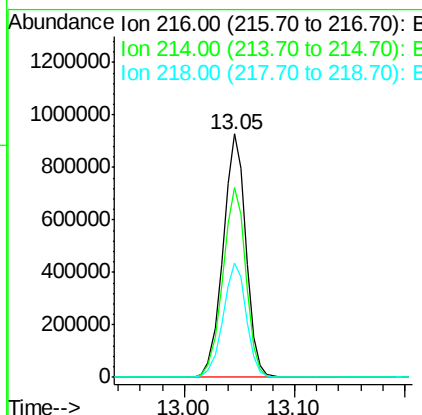
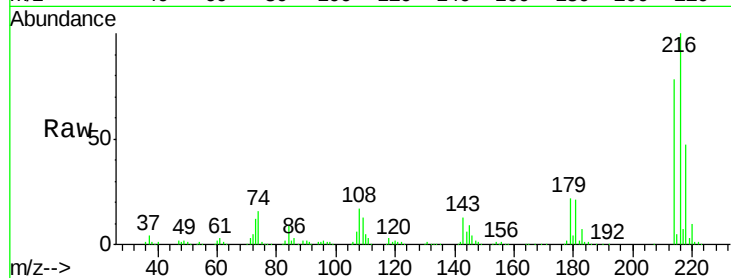




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 123.228 ng/uL
 RT: 13.05 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BM019478.D
 Acq: 26 Mar 2019 19:52

Instrument :
 BNA_M
 ClientSampleId :
 C09D9

Tgt Ion:216 Resp: 1343178
 Ion Ratio Lower Upper
 216 100
 214 78.1 64.1 96.1
 218 47.2 39.4 59.0



#74
 Pentachlorobenzene
 Concen: 1.471 ng/uL
 RT: 14.57 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BM019478.D
 Acq: 26 Mar 2019 19:52

Tgt Ion:250 Resp: 16767
 Ion Ratio Lower Upper
 250 100
 248 66.4 51.4 77.2
 252 67.5 49.8 74.6

