

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021483.D
 Acq On : 17 Jul 2019 00:42
 Operator : HP/JU
 Sample : K3787-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 17 01:24:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	199069	20.00	ng/ul	0.04
18) Naphthalene-d8	10.53	136	850360	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.37	164	494181	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1144862	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	997520	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	1088425	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	24127	5.97	ng/uL	0.00
5) Phenol-d5	6.90	99	108639	7.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	296152	32.27	ng/ul	0.01
9) 2-Chlorophenol-d4	7.27	132	353200	26.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	215368	17.47	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	221140	31.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	251751	31.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	446601	28.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	38625	2.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1471626	34.00	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1696393	31.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	31769	4.63	ng/ul	0.00
57) Fluorene-d10	15.36	176	1267424	32.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	199480	25.92	ng/ul	0.00
70) Anthracene-d10	17.22	188	1984879	33.38	ng/ul	-0.01
78) Pyrene-d10	19.52	212	2132015	38.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	2152317	34.38	ng/ul	0.00

Target Compounds

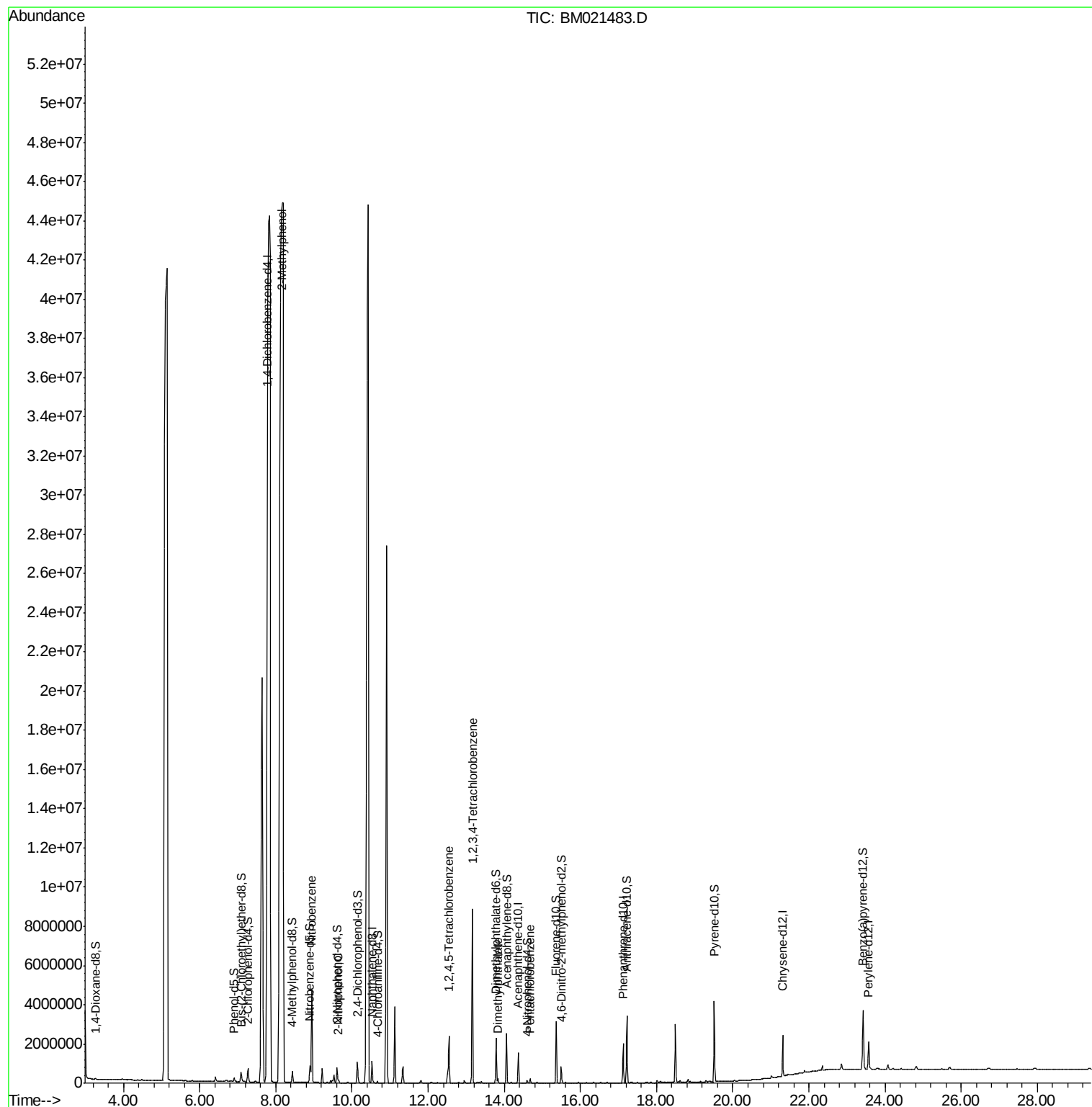
					Ovalue
11) 2-Methylphenol	8.17	108	459887	40.737	ng/ul 97
20) Nitrobenzene	8.95	77	2739135	174.588	ng/ul 96
23) 2-Nitrophenol	9.64	139	25207	3.196	ng/ul# 93
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	788628	41.033	ng/ul 98
44) Dimethylphthalate	13.83	163	132585	3.290	ng/ul 99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	2941230	156.719	ng/uL 100
73) Pentachlorobenzene	14.68	250	67246	3.478	ng/uL 98

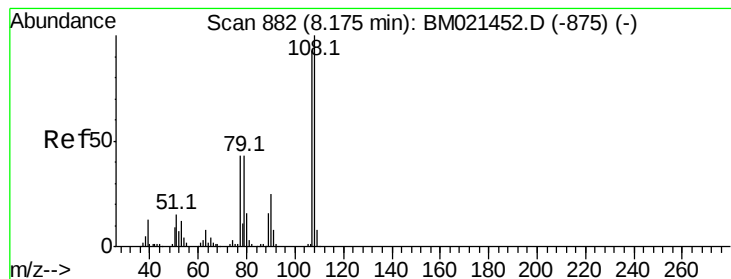
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 40.737 ng/ul

RT: 8.17 min Scan# 882

Delta R.T. 0.00 min

Lab File: BM021483.D

Acq: 17 Jul 2019 00:42

Instrument :

BNA_M

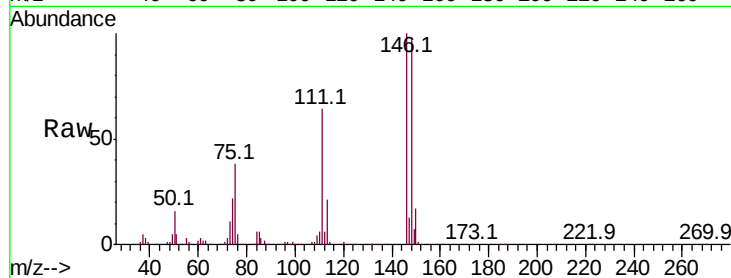
ClientSampled :

Tot Ion:108 Resp: 459887

Ion Ratio Lower Upper

108 100

107 95.3 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.17

100000

80000

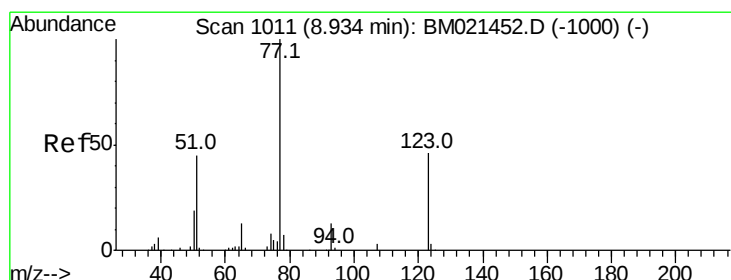
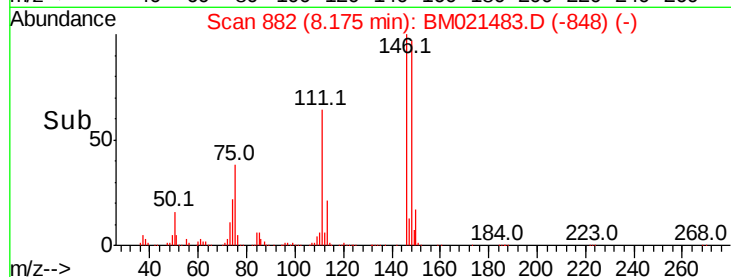
60000

40000

20000

0

Time--> 8.00 8.05 8.10 8.15 8.20



#20

Nitrobenzene

Concen: 174.588 ng/ul

RT: 8.95 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BM021483.D

Acq: 17 Jul 2019 00:42

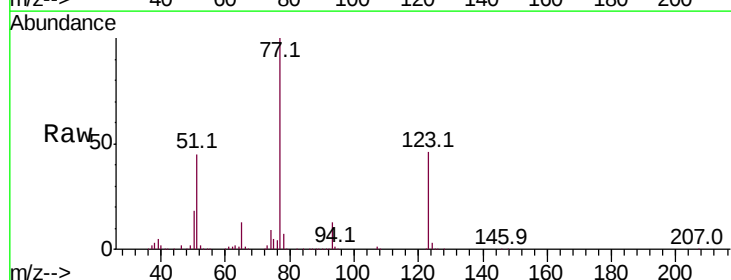
Tgt Ion: 77 Resp: 2739135

Ion Ratio Lower Upper

77 100

123 45.8 34.3 51.5

65 13.5 10.5 15.7



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

2000000

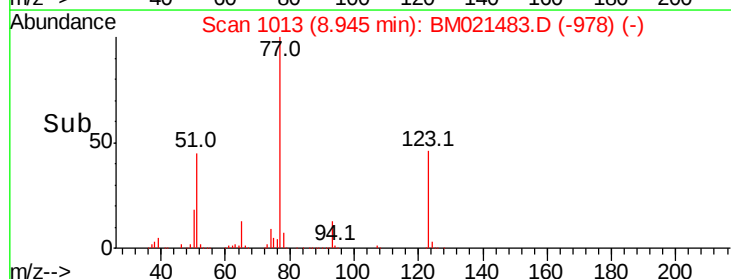
1500000

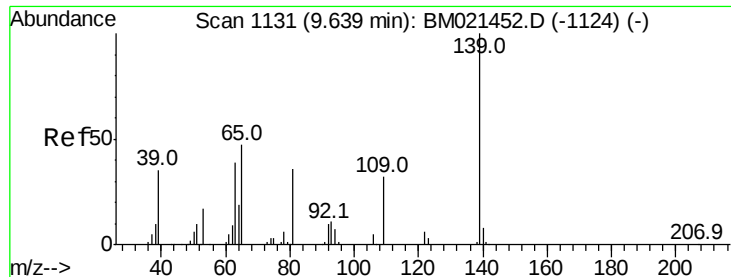
1000000

500000

0

Time--> 8.80 8.90 9.00 9.10

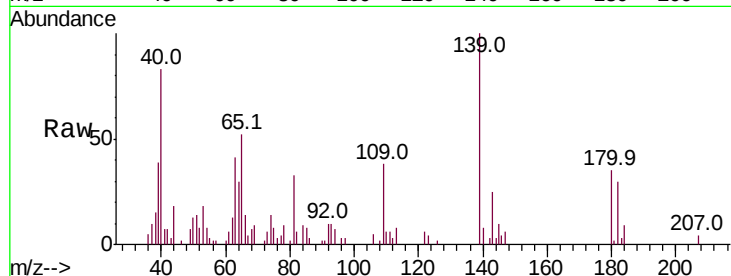




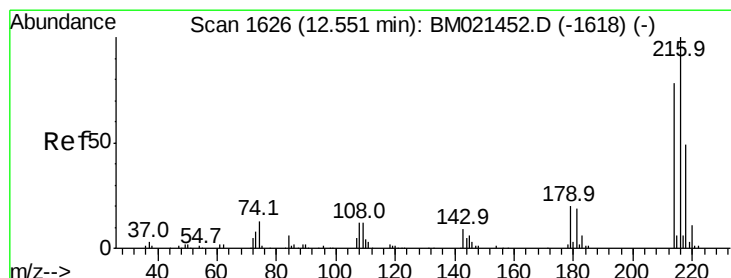
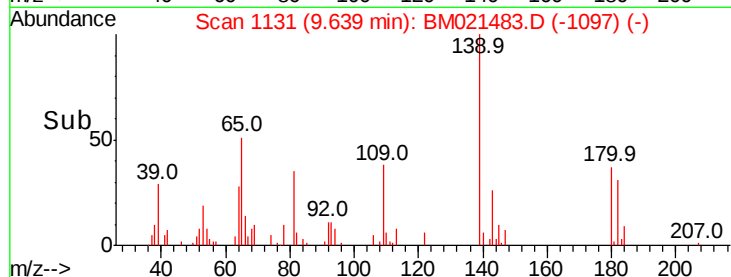
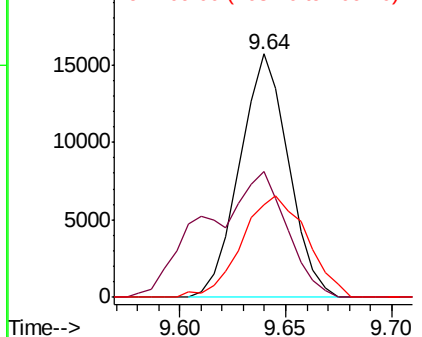
#23
2-Nitrophenol
Concen: 3.196 ng/ul
RT: 9.64 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BM021483.D
Acq: 17 Jul 2019 00:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:139 Resp: 25207
Ion Ratio Lower Upper
139 100
65 51.8 40.2 60.4
109 37.9 23.2 34.8#

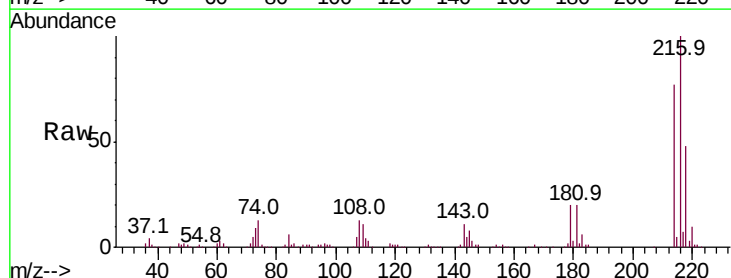


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 109.00 (108.70 to 109.70): E

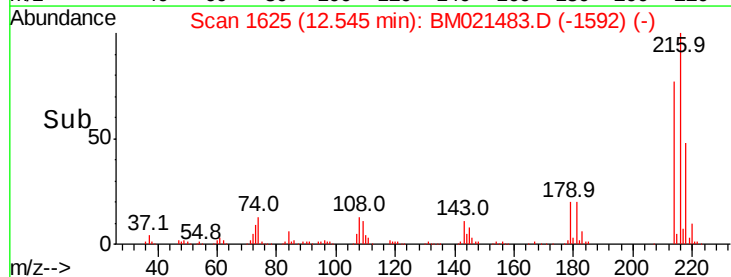
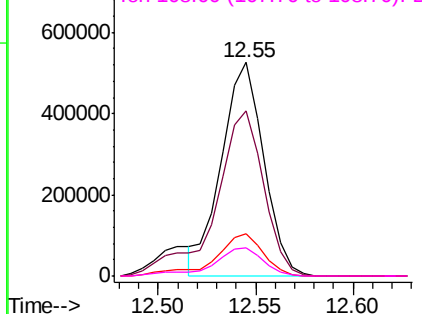


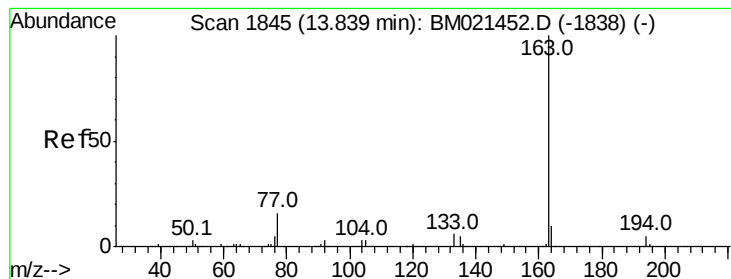
#36
1,2,4,5-Tetrachlorobenzene
Concen: 41.033 ng/ul
RT: 12.55 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BM021483.D
Acq: 17 Jul 2019 00:42

Tgt Ion:216 Resp: 788628
Ion Ratio Lower Upper
216 100
214 77.2 62.9 94.3
179 19.8 16.2 24.2
108 13.1 11.2 16.8



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





#44

Dimethylphthalate

Concen: 3.290 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM021483.D

Acq: 17 Jul 2019 00:42

Instrument :

BNA_M

ClientSampleId :

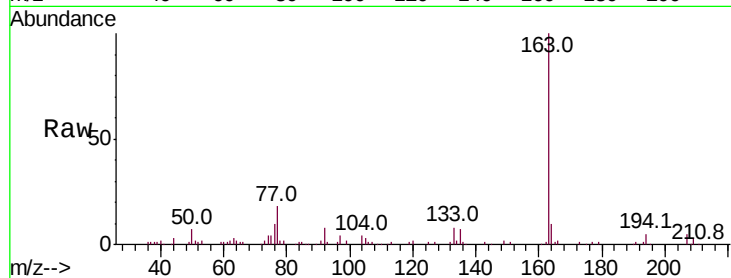
Tot Ion:163 Resp: 132585

Ion Ratio Lower Upper

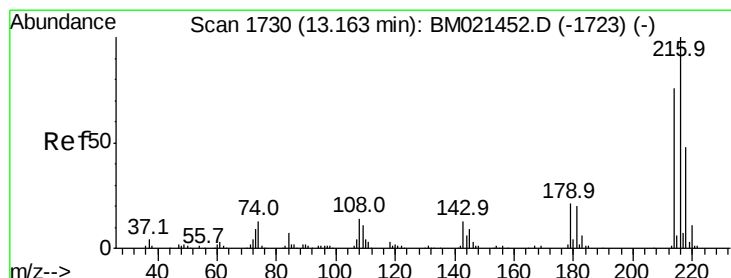
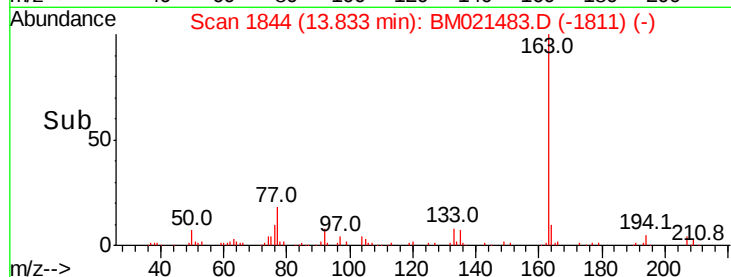
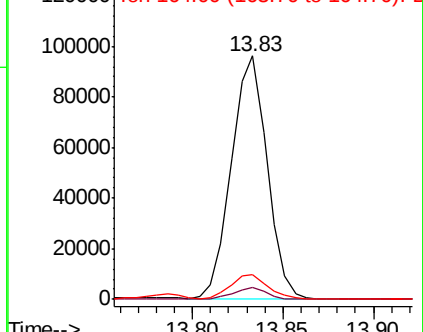
163 100

194 4.8 3.6 5.4

164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#72

1,2,3,4-Tetrachlorobenzene

Concen: 156.719 ng/uL

RT: 13.16 min Scan# 1730

Delta R.T. 0.00 min

Lab File: BM021483.D

Acq: 17 Jul 2019 00:42

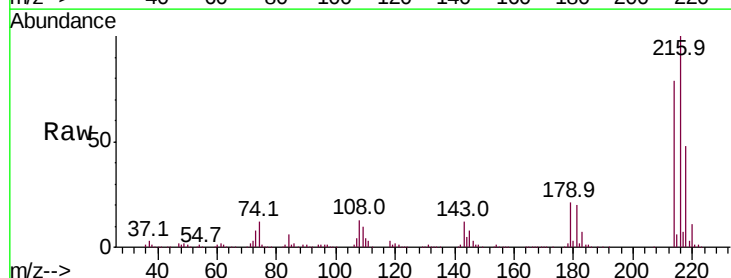
Tgt Ion:216 Resp: 2941230

Ion Ratio Lower Upper

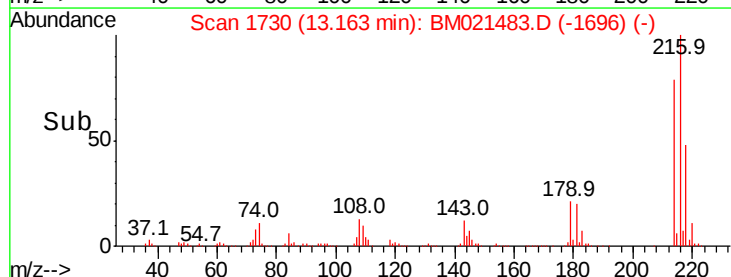
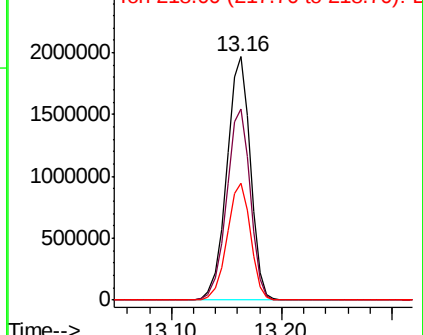
216 100

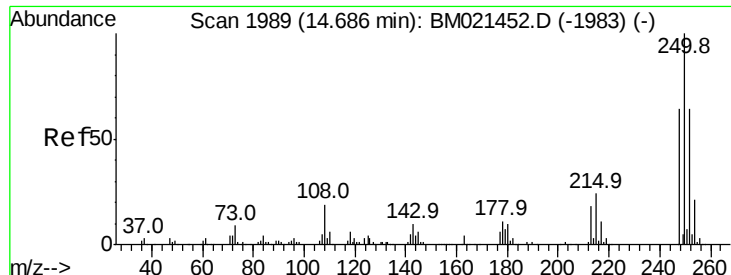
214 78.7 63.1 94.7

218 48.2 38.8 58.2



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: 3.478 ng/uL

RT: 14.68 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM021483.D

Acq: 17 Jul 2019 00:42

Instrument :

BNA_M

ClientSampleId :

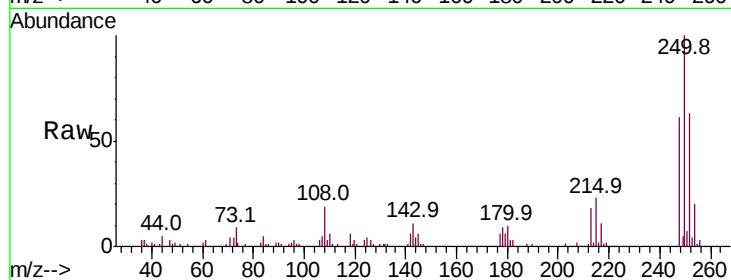
Tot Ion:250 Resp: 67246

Ion Ratio Lower Upper

250 100

248 61.2 50.4 75.6

252 62.7 51.0 76.6



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

