

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022327.D
 Acq On : 26 Aug 2019 12:52
 Operator : HP/JU
 Sample : K4369-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 10:59:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 10:56:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	29512	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	121697	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	85682	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	197042	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	179179	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	176845	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.76	99	2399	0.94	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	8434	5.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	9926	4.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	5851	2.65	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	6246	6.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	6516	6.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	12021	5.59	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	120	0.05	ng/ul	0.02
43) Dimethylphthalate-d6	13.64	166	49823	6.60	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	53622	6.60	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.22	176	43531	6.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	4038	2.66	ng/ul	0.02
70) Anthracene-d10	17.07	188	69609	6.67	ng/ul	0.00
78) Pyrene-d10	19.38	212	87238	9.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	68008	7.00	ng/ul	0.00

Target Compounds

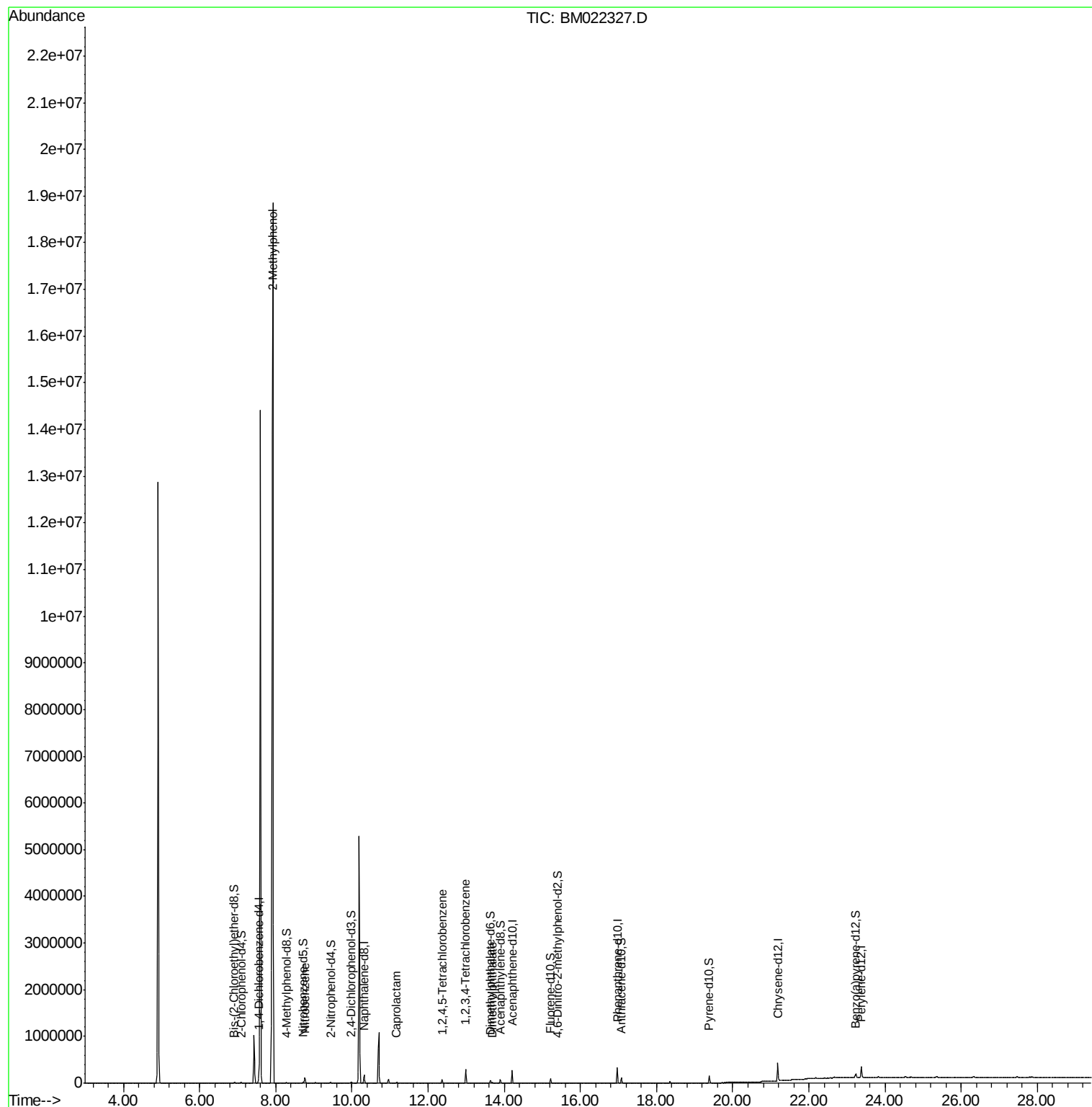
					Ovalue	
11) 2-Methylphenol	7.92	108	70997	33.056	ng/ul	89
20) Nitrobenzene	8.76	77	61351	22.959	ng/ul	98
32) Caprolactam	11.17	113	918	1.358	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	27418	7.738	ng/ul	98
44) Dimethylphthalate	13.69	163	8748	1.139	ng/ul#	96
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	90611	25.853	ng/uL	97

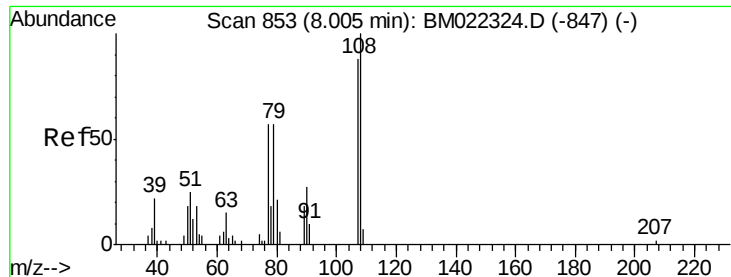
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 33.056 ng/ul

RT: 7.92 min Scan# 839

Delta R.T. -0.09 min

Lab File: BM022327.D

Acq: 26 Aug 2019 12:52

Instrument :

BNA_M

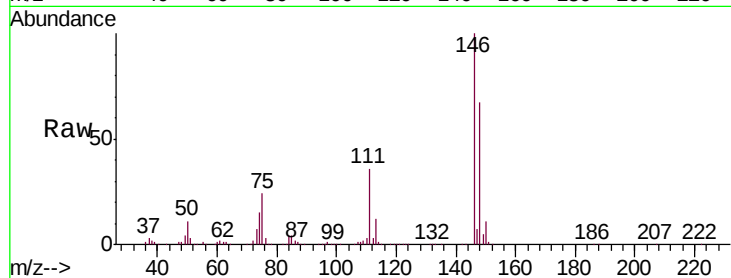
ClientSampled :

Tot Ion:108 Resp: 70997

Ion Ratio Lower Upper

108 100

107 98.1 70.1 105.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

7.92

40000

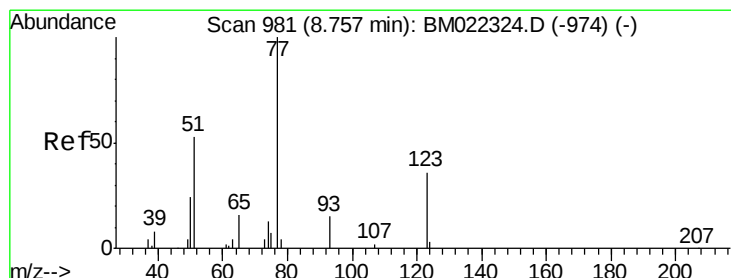
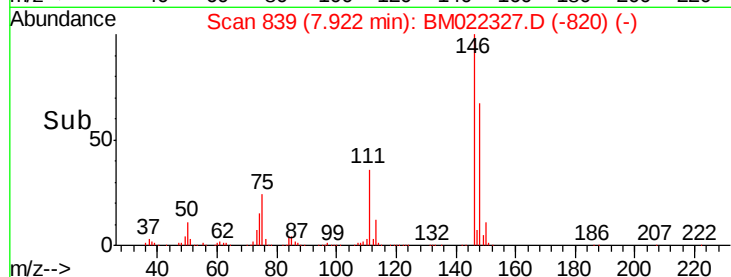
30000

20000

10000

0

Time--> 7.85 7.90 7.95



#20

Nitrobenzene

Concen: 22.959 ng/ul

RT: 8.76 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM022327.D

Acq: 26 Aug 2019 12:52

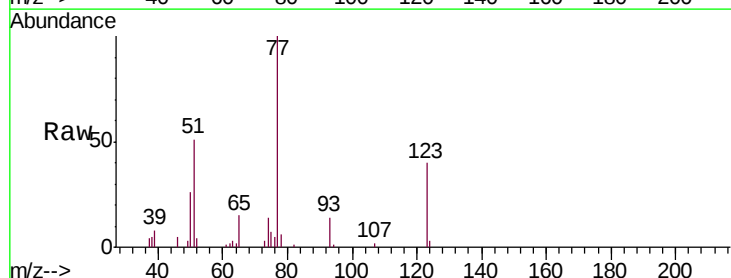
Tgt Ion: 77 Resp: 61351

Ion Ratio Lower Upper

77 100

123 40.3 31.0 46.4

65 14.8 12.2 18.2



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

8.76

40000

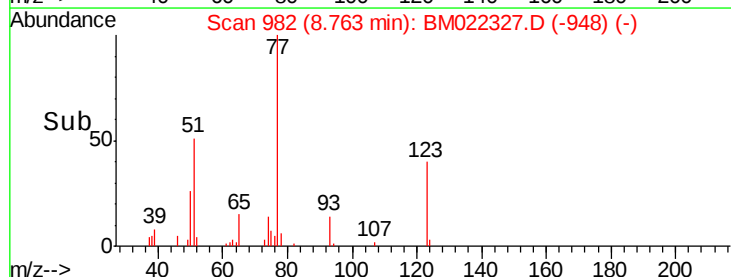
30000

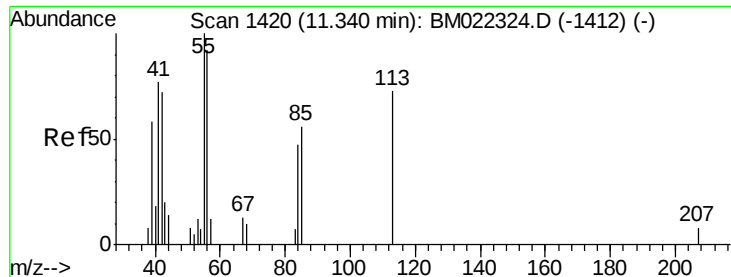
20000

10000

0

Time--> 8.70 8.75 8.80 8.85





#32

Caprolactam

Concen: 1.358 ng/ul

RT: 11.17 min Scan# 1392

Delta R.T. -0.16 min

Lab File: BM022327.D

Acq: 26 Aug 2019 12:52

Instrument :

BNA_M

ClientSampled :

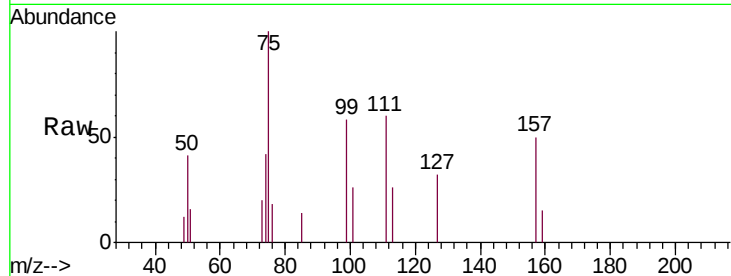
Tot Ion:113 Resp: 918

Ion Ratio Lower Upper

113 100

55 0.0 111.6 167.4#

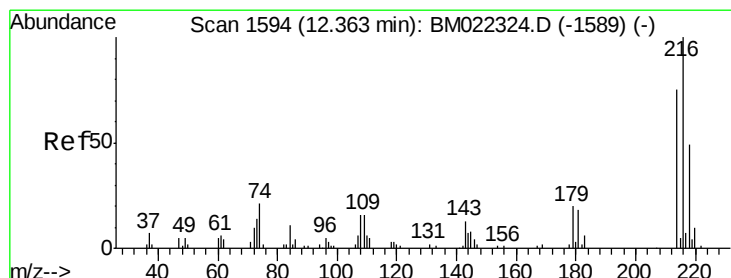
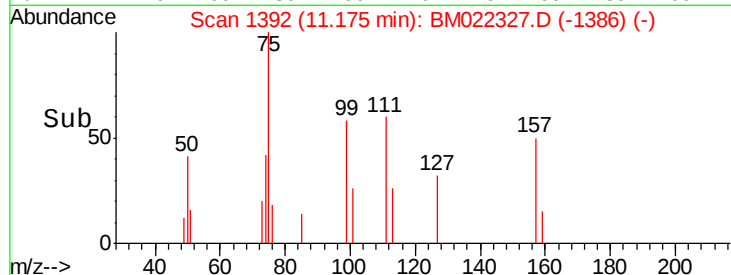
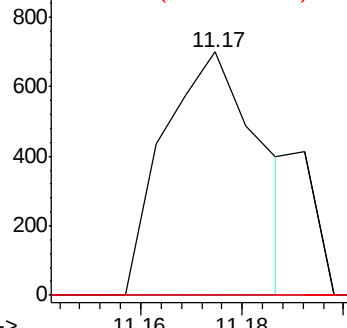
56 0.0 104.6 157.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

1,2,4,5-Tetrachlorobenzene

Concen: 7.738 ng/ul

RT: 12.37 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BM022327.D

Acq: 26 Aug 2019 12:52

Tgt Ion:216 Resp: 27418

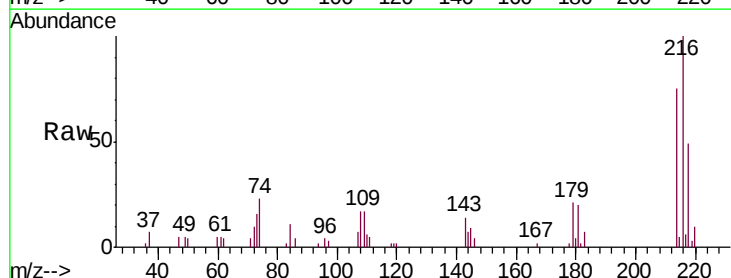
Ion Ratio Lower Upper

216 100

214 74.5 61.0 91.4

179 20.8 16.7 25.1

108 17.0 13.0 19.4

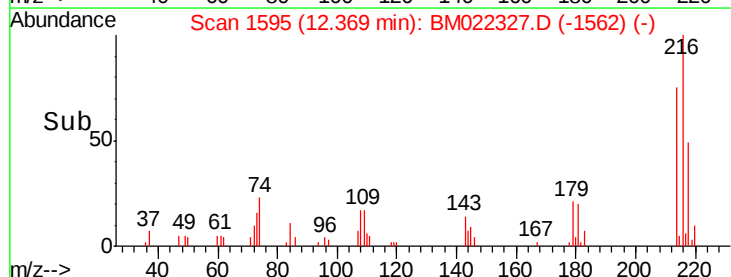
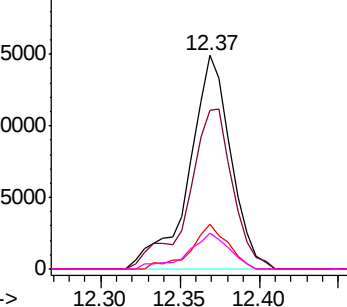


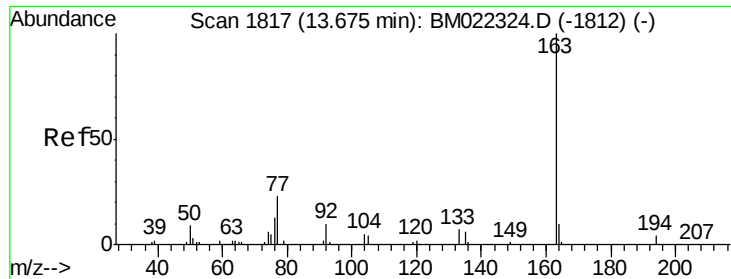
Abundance Ion 216.00 (215.70 to 216.70): E

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

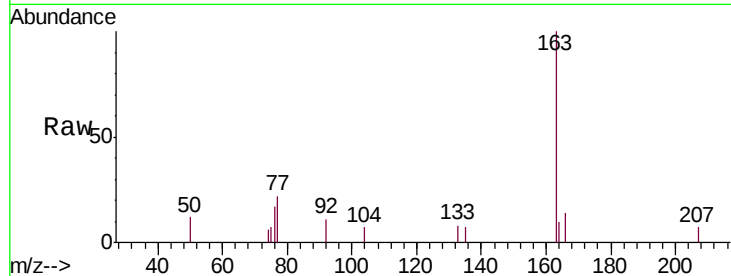




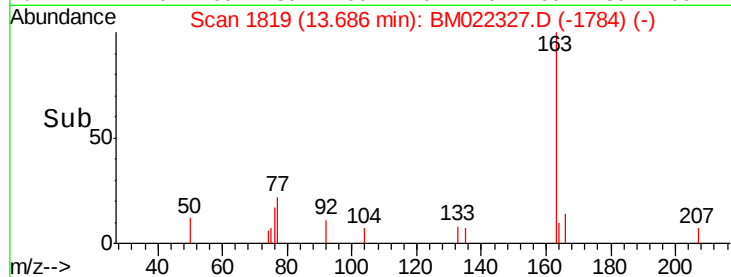
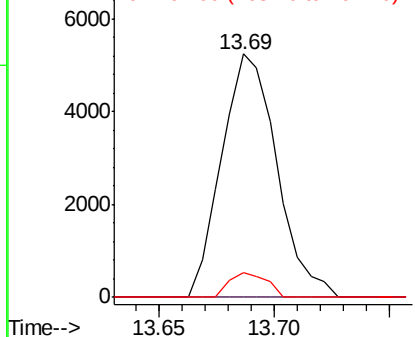
#44
Dimethylphthalate
Concen: 1.139 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BM022327.D
Acq: 26 Aug 2019 12:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 8748
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 10.2 7.8 11.8

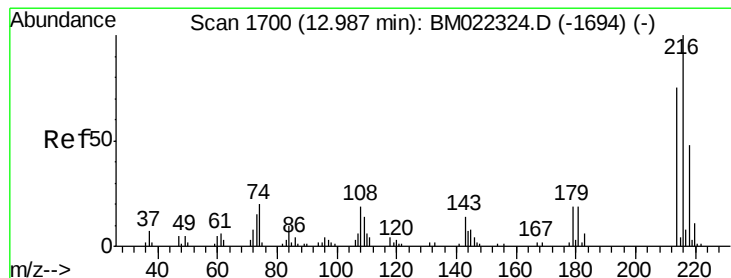


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#72
1,2,3,4-Tetrachlorobenzene
Concen: 25.853 ng/uL
RT: 12.99 min Scan# 1701
Delta R.T. 0.00 min
Lab File: BM022327.D
Acq: 26 Aug 2019 12:52

Tgt Ion:216 Resp: 90611
Ion Ratio Lower Upper
216 100
214 78.9 61.5 92.3
218 48.9 37.1 55.7



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

