

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
 Data File : BM022604.D
 Acq On : 09 Sep 2019 15:28
 Operator : HP/JU
 Sample : K4707-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 10 01:17:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 07:45:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	254303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1140753	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	743213	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	1586697	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	1715696	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	1980821	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	31529	5.17	ng/uL	0.00
5) Phenol-d5	7.01	99	138383	5.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	341094	25.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	388451	20.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	263913	13.84	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	235232	28.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	237293	31.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	455248	23.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	61054	2.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1770363	29.39	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1971542	27.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	67462	6.56	ng/ul	0.00
58) Fluorene-d10	15.47	176	1477059	29.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	201969	28.01	ng/ul	0.00
71) Anthracene-d10	17.32	188	2478632	30.49	ng/ul	0.00
79) Pyrene-d10	19.61	212	2928987	30.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	3401414	31.95	ng/ul	0.00

Target Compounds

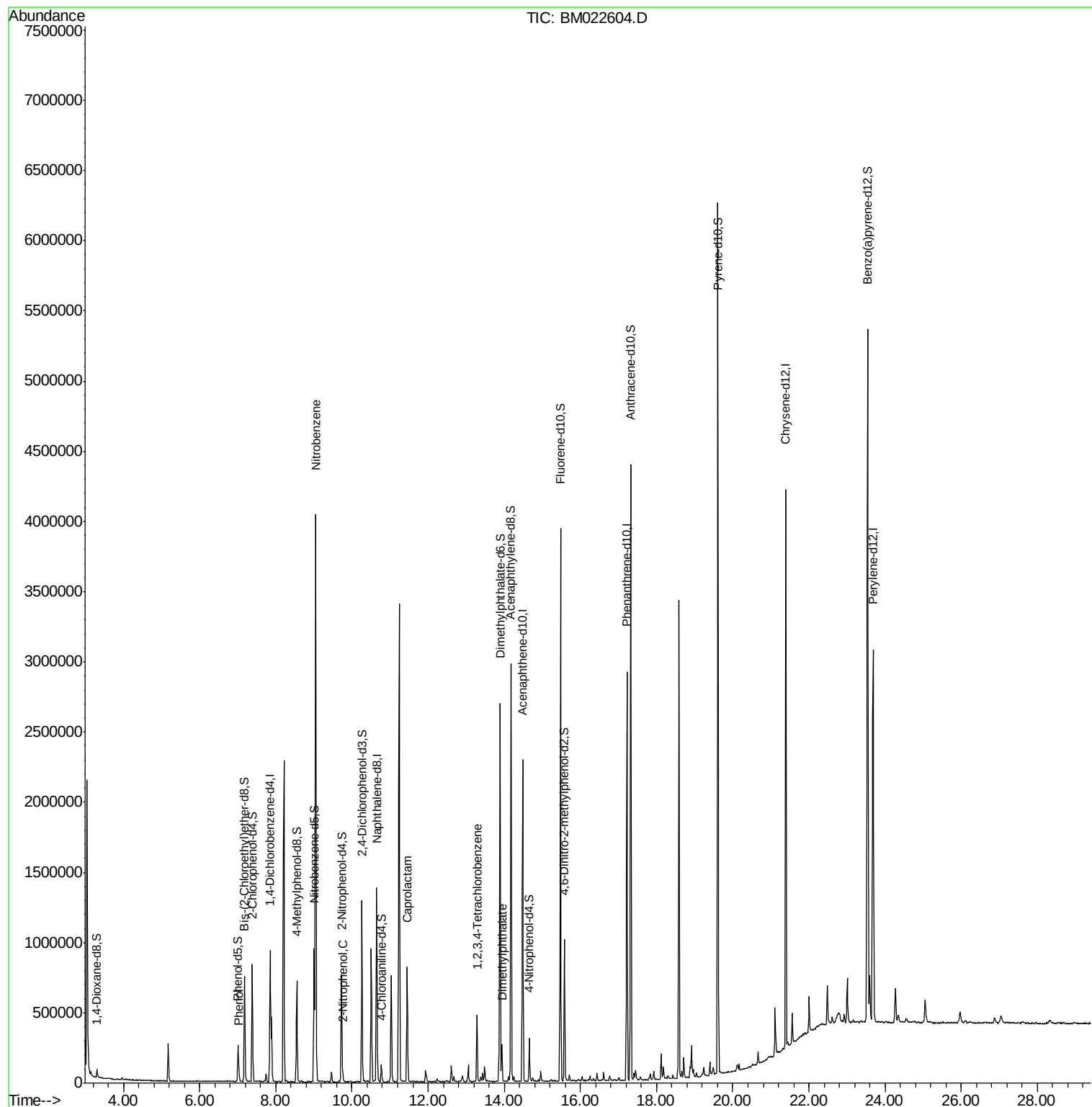
					Ovalue
6) Phenol	7.04	94	29544	1.205	ng/ul 97
20) Nitrobenzene	9.05	77	2204103	107.043	ng/ul 97
23) 2-Nitrophenol	9.76	139	16686	1.852	ng/ul 99
32) Caprolactam	11.45	113	58083	8.202	ng/ul# 1
45) Dimethylphthalate	13.94	163	118896	1.945	ng/ul 98
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	123443	4.997	ng/uL 99

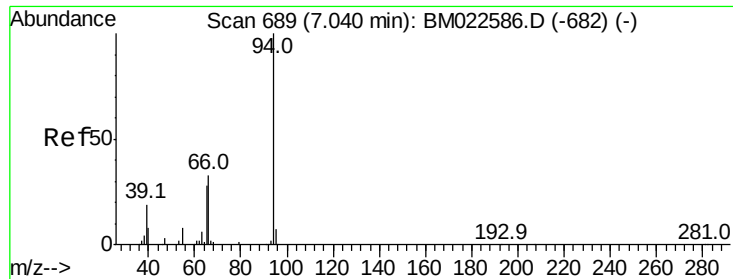
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.205 ng/ul

RT: 7.04 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM022604.D

Acq: 09 Sep 2019 15:28

Instrument :

BNA_M

ClientSampled :

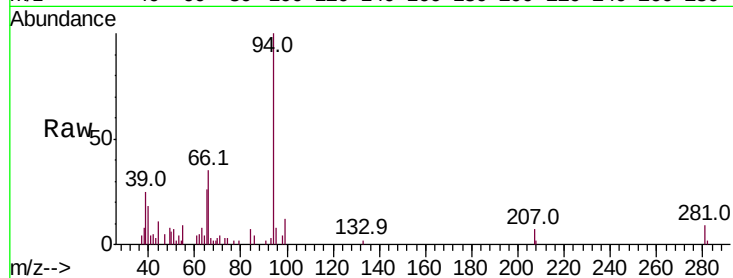
Tot Ion: 94 Resp: 29544

Ion Ratio Lower Upper

94 100

65 25.7 22.8 34.2

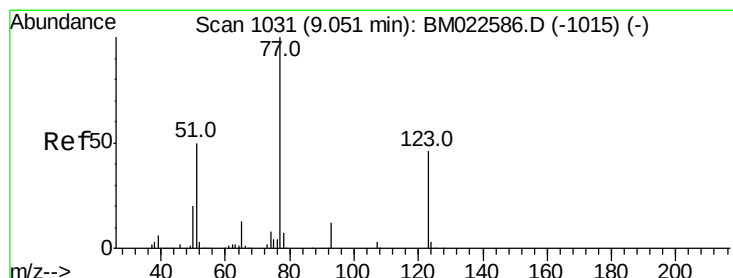
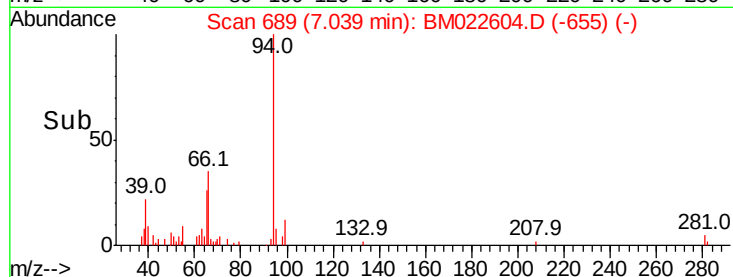
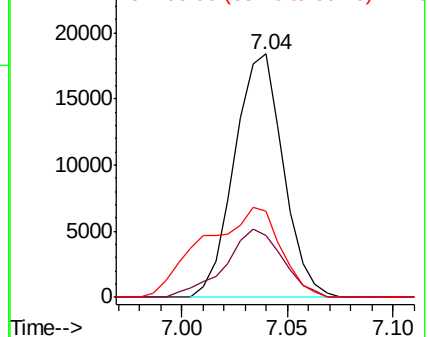
66 35.3 29.1 43.7



Abundance Ion 94.00 (93.70 to 94.70): BM022586.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM022586.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM022586.D (-682) (-)



#20

Nitrobenzene

Concen: 107.043 ng/ul

RT: 9.05 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BM022604.D

Acq: 09 Sep 2019 15:28

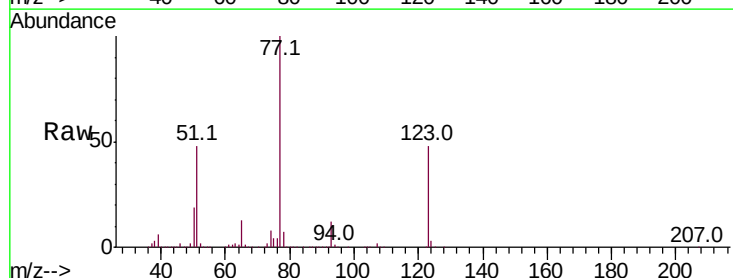
Tgt Ion: 77 Resp: 2204103

Ion Ratio Lower Upper

77 100

123 47.6 35.8 53.6

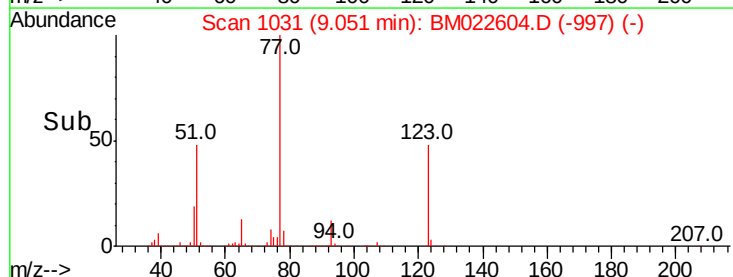
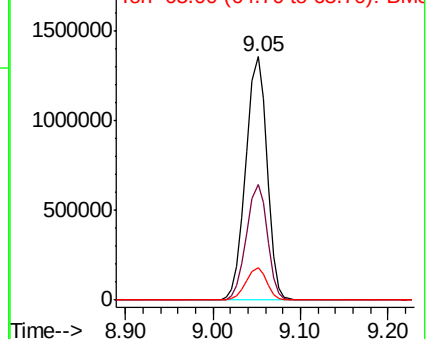
65 13.2 10.5 15.7

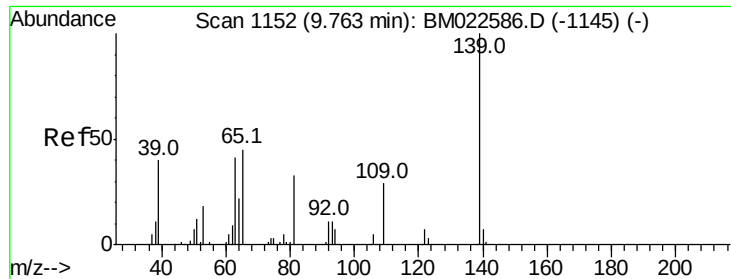


Abundance Ion 77.00 (76.70 to 77.70): BM022586.D (-1015) (-)

Ion 123.00 (122.70 to 123.70): BM022586.D (-1015) (-)

Ion 65.00 (64.70 to 65.70): BM022586.D (-1015) (-)





#23

2-Nitrophenol

Concen: 1.852 ng/ul

RT: 9.76 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BM022604.D

Acq: 09 Sep 2019 15:28

Instrument :

BNA_M

ClientSampled :

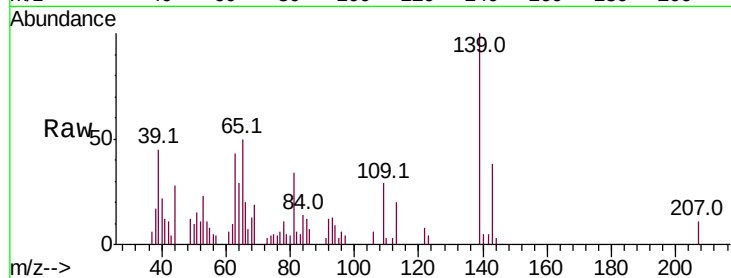
Tot Ion:139 Resp: 16686

Ion Ratio Lower Upper

139 100

65 49.6 39.3 58.9

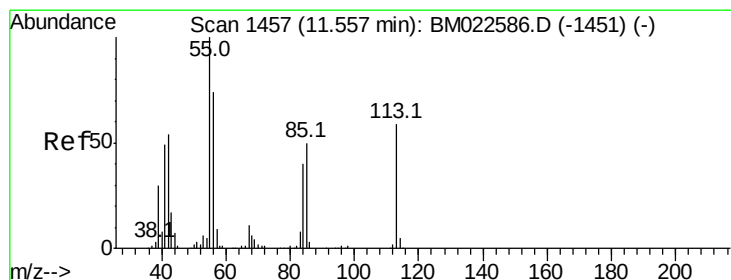
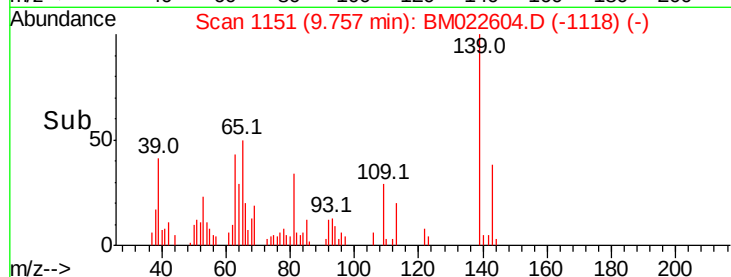
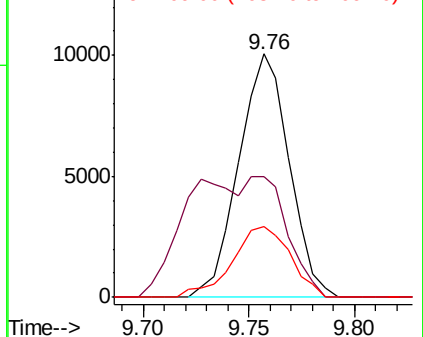
109 29.0 23.5 35.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#32

Caprolactam

Concen: 8.202 ng/ul

RT: 11.45 min Scan# 1439

Delta R.T. -0.11 min

Lab File: BM022604.D

Acq: 09 Sep 2019 15:28

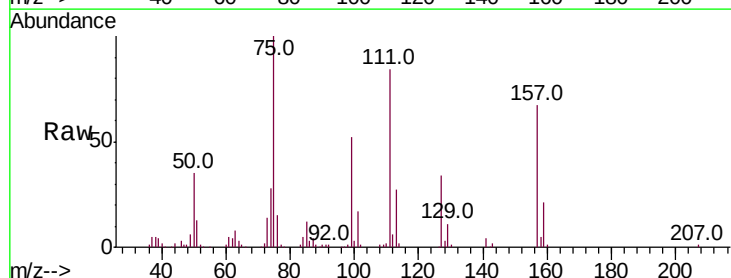
Tgt Ion:113 Resp: 58083

Ion Ratio Lower Upper

113 100

55 1.0 135.6 203.4#

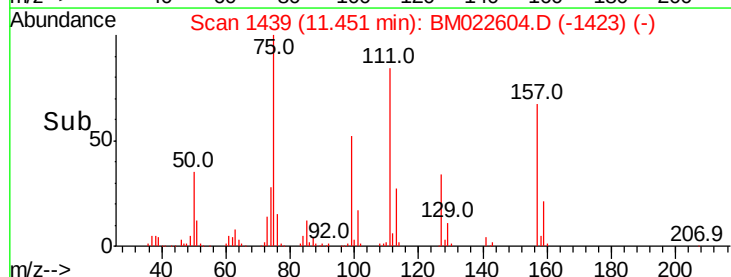
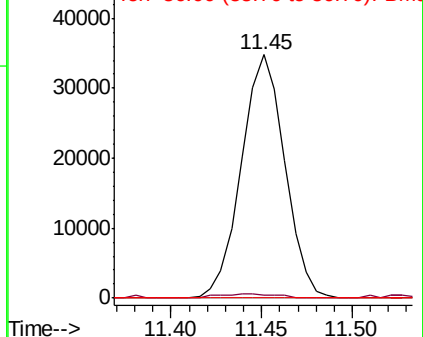
56 0.0 98.4 147.6#

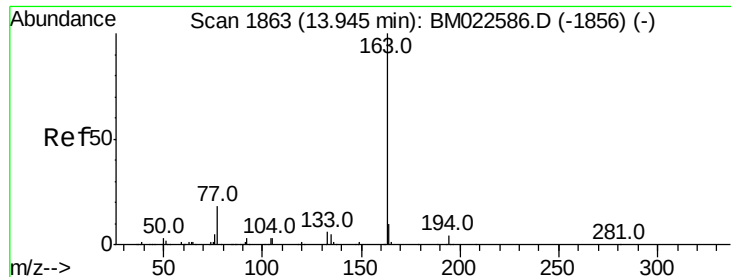


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

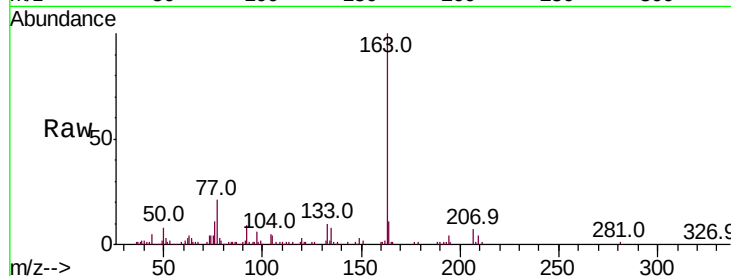




#45
 Dimethylphthalate
 Concen: 1.945 ng/ul
 RT: 13.94 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BM022604.D
 Acq: 09 Sep 2019 15:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.6	7.8	11.8

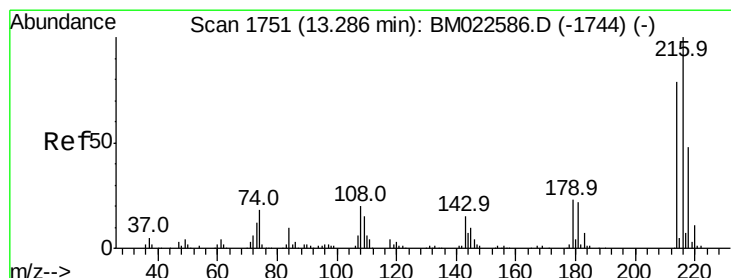
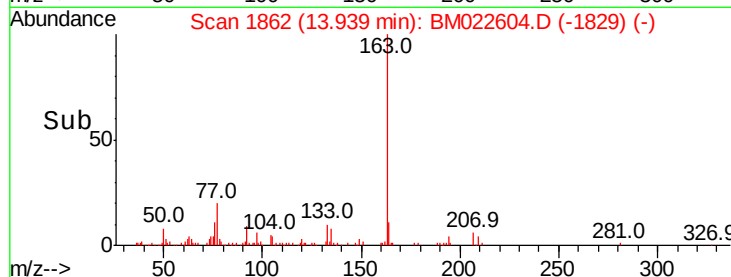
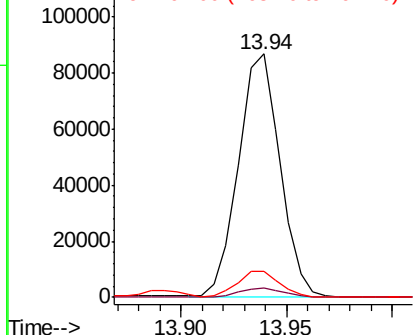


Abundance

Ion 163.00 (162.70 to 163.70): E

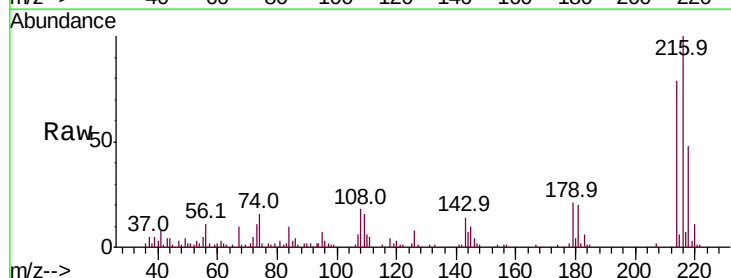
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.997 ng/uL
 RT: 13.29 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BM022604.D
 Acq: 09 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.5	93.7
218	47.5	38.2	57.4



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

