

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027093.D
 Acq On : 14 Aug 2020 17:53
 Operator : JU/CG
 Sample : L3684-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0F89

Quant Time: Aug 14 18:25:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	106377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	373137	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	240415	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	520725	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	579517	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	599902	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10136	4.33	ng/uL	0.00
5) Phenol-d5	6.82	99	57848	6.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	145732	25.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	150480	23.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	101228	15.70	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	87335	29.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	96240	31.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	195006	30.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	19870	2.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	697753	36.40	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	795816	34.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	23230	7.18	ng/ul	0.00
58) Fluorene-d10	15.27	176	589756	35.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	91789	32.27	ng/ul	0.00
71) Anthracene-d10	17.12	188	988050	38.51	ng/ul	0.00
79) Pyrene-d10	19.42	212	1152511	39.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1318349	39.37	ng/ul	0.00

Target Compounds

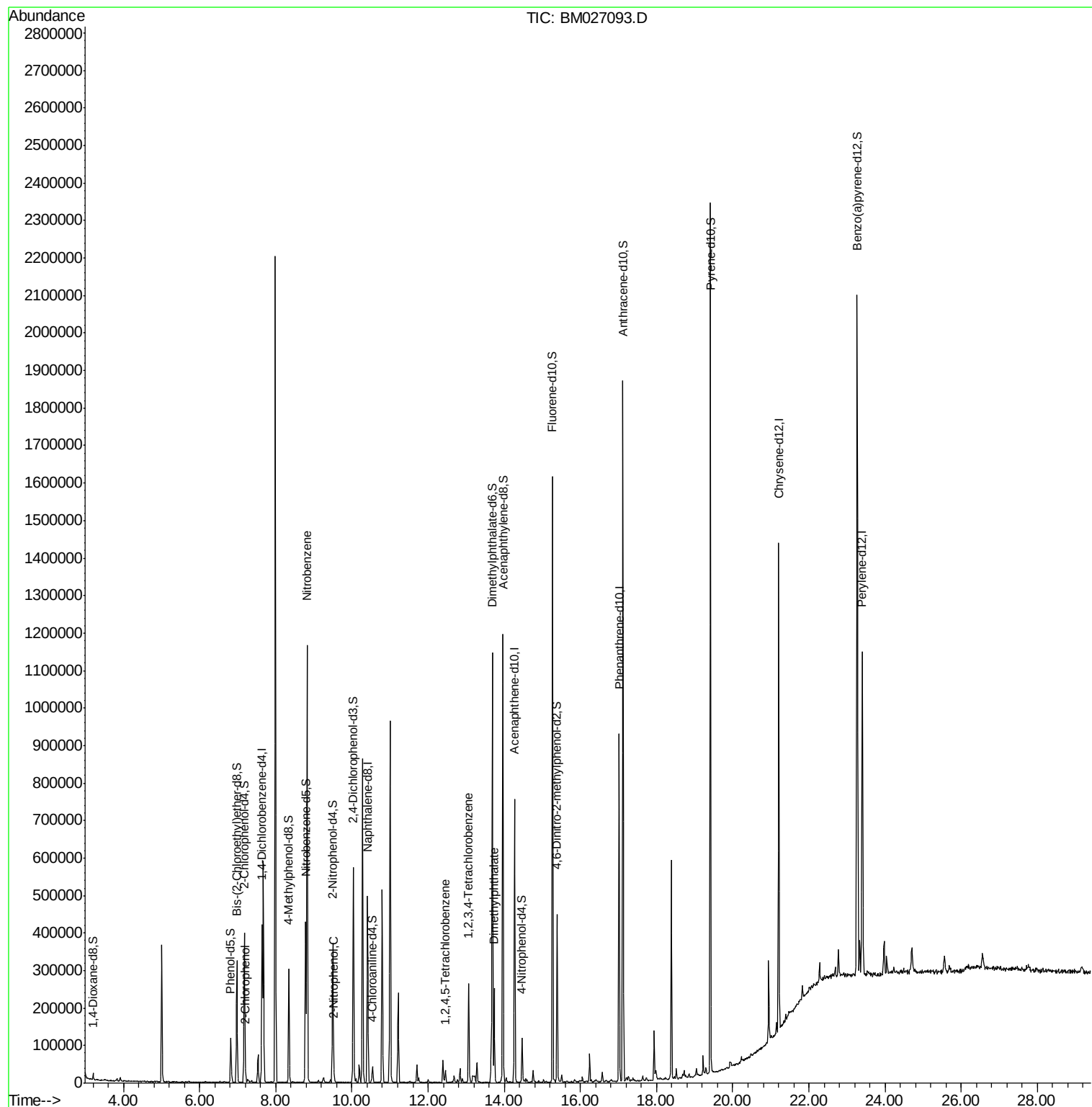
					Ovalue
10) 2-Chlorophenol	7.21	128	9062	1.329	ng/ul 98
20) Nitrobenzene	8.82	77	687680	71.220	ng/ul 98
23) 2-Nitrophenol	9.53	139	5830	1.715	ng/ul 94
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	10621	1.194	ng/ul 96
45) Dimethylphthalate	13.73	163	130744	6.508	ng/ul 99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	75949	9.325	ng/uL 98

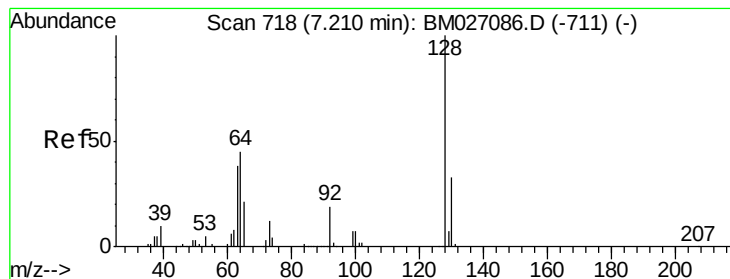
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.329 ng/ul

RT: 7.21 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM027093.D

Acq: 14 Aug 2020 17:53

Instrument :

BNA_M

ClientSampled :

C0F89

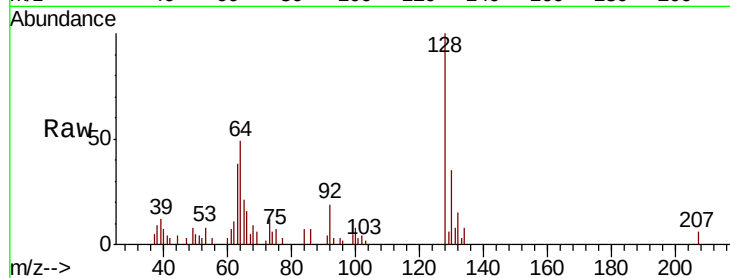
Tot Ion:128 Resp: 9062

Ion Ratio Lower Upper

128 100

64 49.0 39.4 59.2

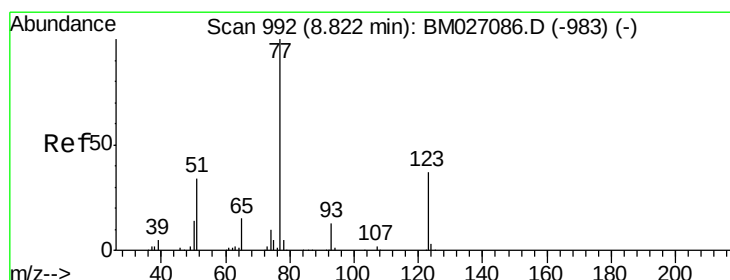
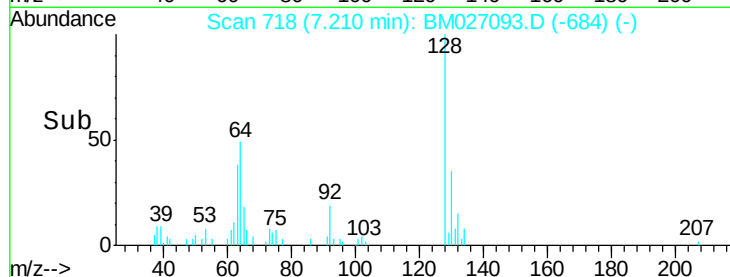
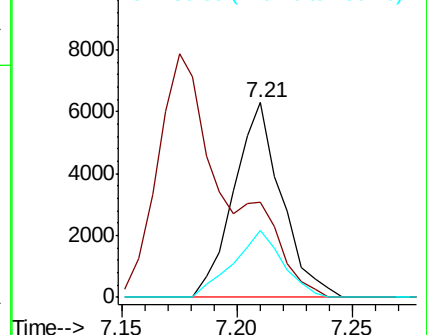
130 34.6 25.4 38.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#20

Nitrobenzene

Concen: 71.220 ng/ul

RT: 8.82 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM027093.D

Acq: 14 Aug 2020 17:53

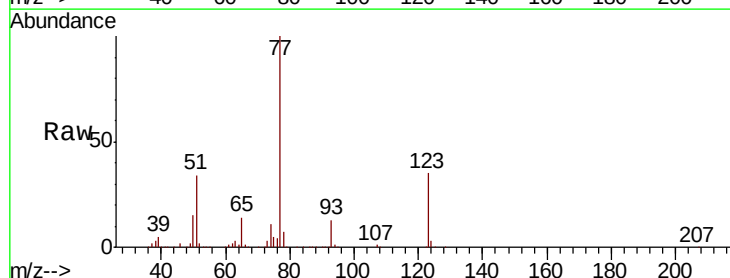
Tgt Ion: 77 Resp: 687680

Ion Ratio Lower Upper

77 100

123 35.4 29.7 44.5

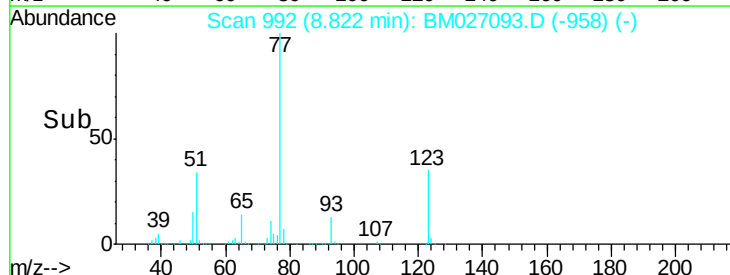
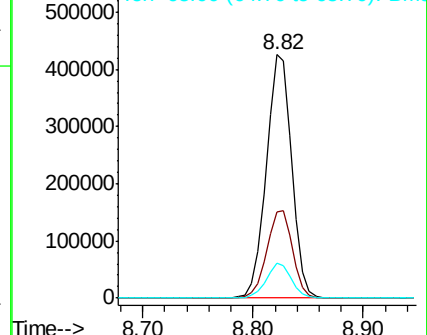
65 14.2 11.7 17.5

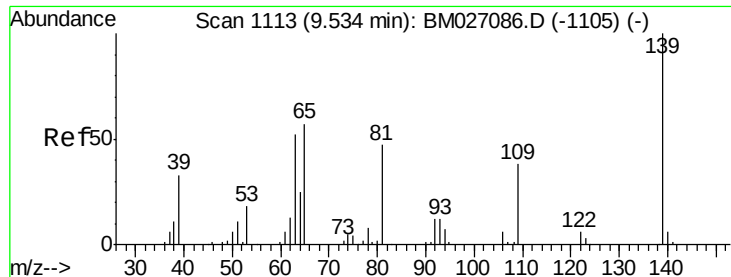


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

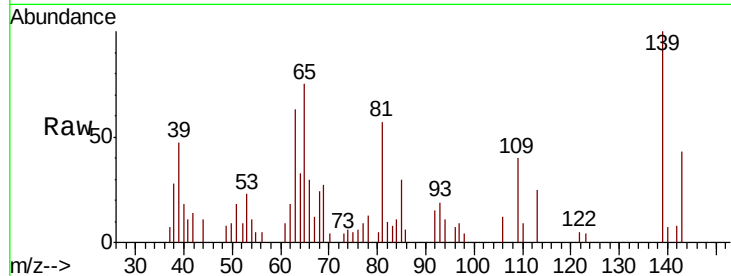




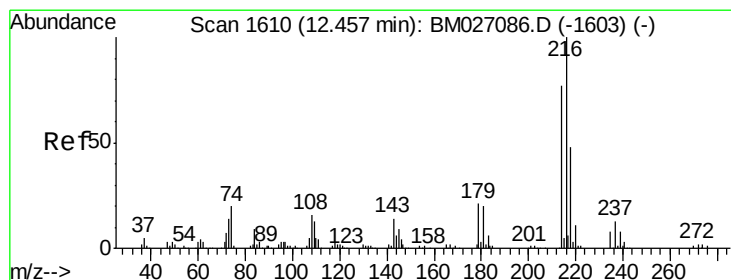
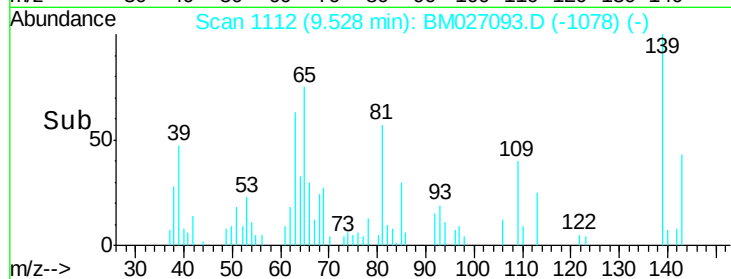
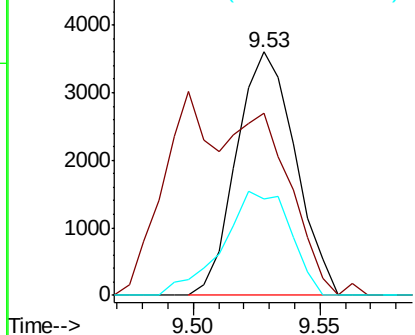
#23
 2-Nitrophenol
 Concen: 1.715 ng/ul
 RT: 9.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BM027093.D
 Acq: 14 Aug 2020 17:53

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Tot Ion:139 Resp: 5830
 Ion Ratio Lower Upper
 139 100
 65 74.7 54.5 81.7
 109 39.9 31.4 47.0

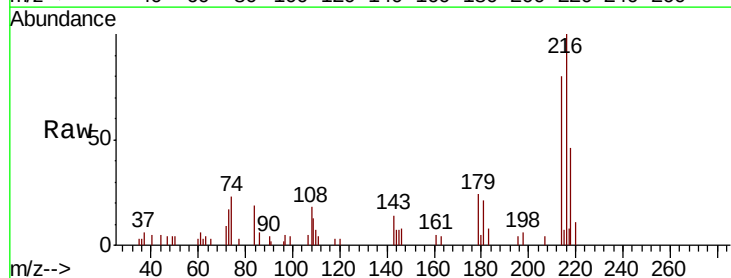


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM
 Ion 109.00 (108.70 to 109.70): E

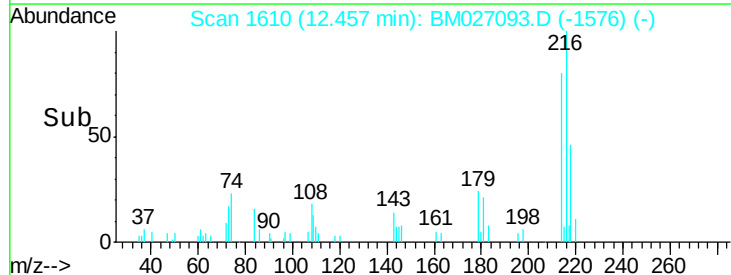
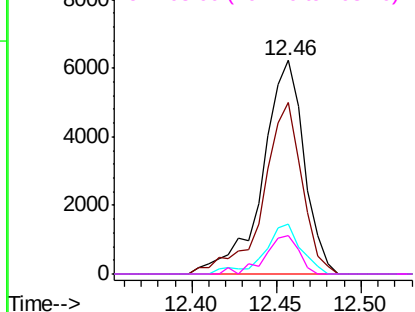


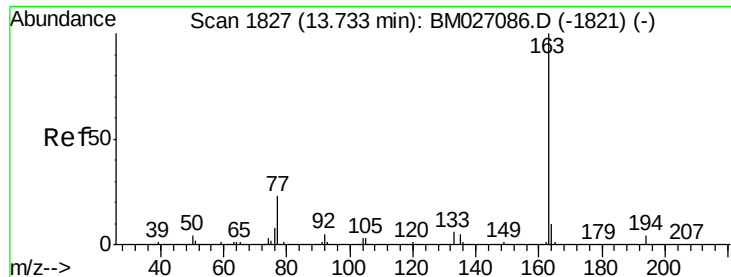
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.194 ng/ul
 RT: 12.46 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BM027093.D
 Acq: 14 Aug 2020 17:53

Tgt Ion:216 Resp: 10621
 Ion Ratio Lower Upper
 216 100
 214 80.5 61.4 92.2
 179 23.6 16.8 25.2
 108 18.1 13.7 20.5



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





#45

Dimethylphthalate

Concen: 6.508 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM027093.D

Acq: 14 Aug 2020 17:53

Instrument :

BNA_M

ClientSampleId :

C0F89

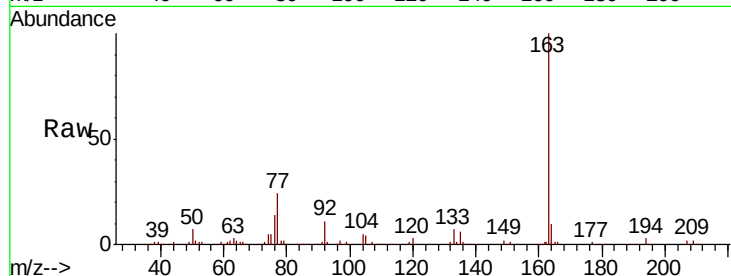
Tot Ion:163 Resp: 130744

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

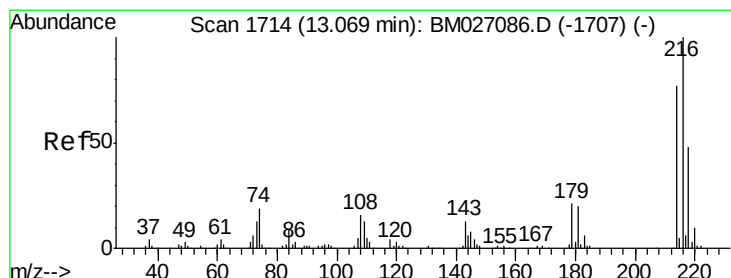
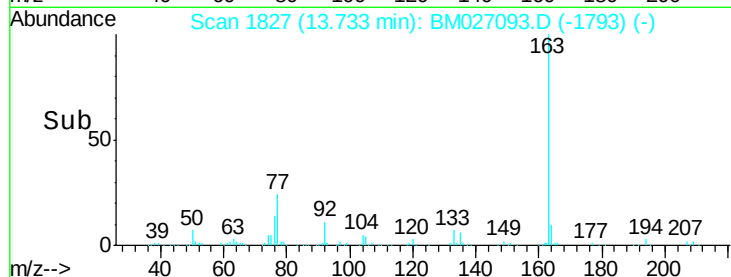
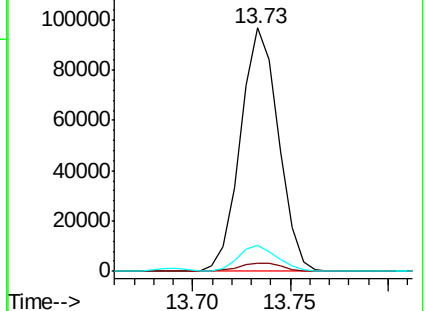
164 10.4 8.2 12.2



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: 9.325 ng/uL

RT: 13.06 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BM027093.D

Acq: 14 Aug 2020 17:53

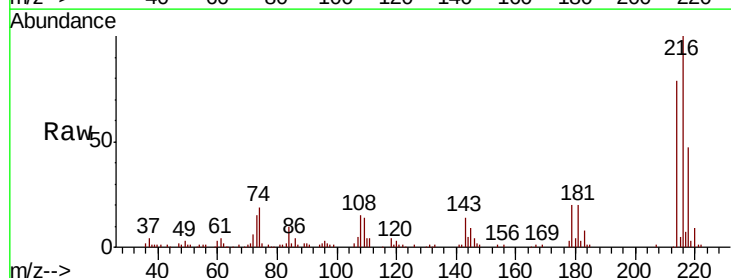
Tgt Ion:216 Resp: 75949

Ion Ratio Lower Upper

216 100

214 79.2 61.8 92.6

218 46.9 39.0 58.4



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

