

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
 Data File : BM016939.D
 Acq On : 02 Oct 2018 01:51
 Operator : MJ/SJ
 Sample : J5125-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B72

Quant Time: Oct 02 07:34:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 27 02:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	346606	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1532059	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.35	164	826861	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	1551063	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1342142	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1436006	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	221	0.03	ng/uL	0.01
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.10	67	238	0.01	ng/ul	0.04
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.50	131	2258	0.08	ng/ul	-0.14
44) Dimethylphthalate-d6	13.77	166	1759	0.03	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	222	0.00	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.55	143	1534	0.14	ng/ul	0.00
58) Fluorene-d10	15.35	176	6162	0.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	770	0.12	ng/ul	0.01
71) Anthracene-d10	17.20	188	2448	0.03	ng/ul	0.00
79) Pyrene-d10	19.49	212	340	0.01	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.52	264	1420621	18.96	ng/uL	0.13

Target Compounds

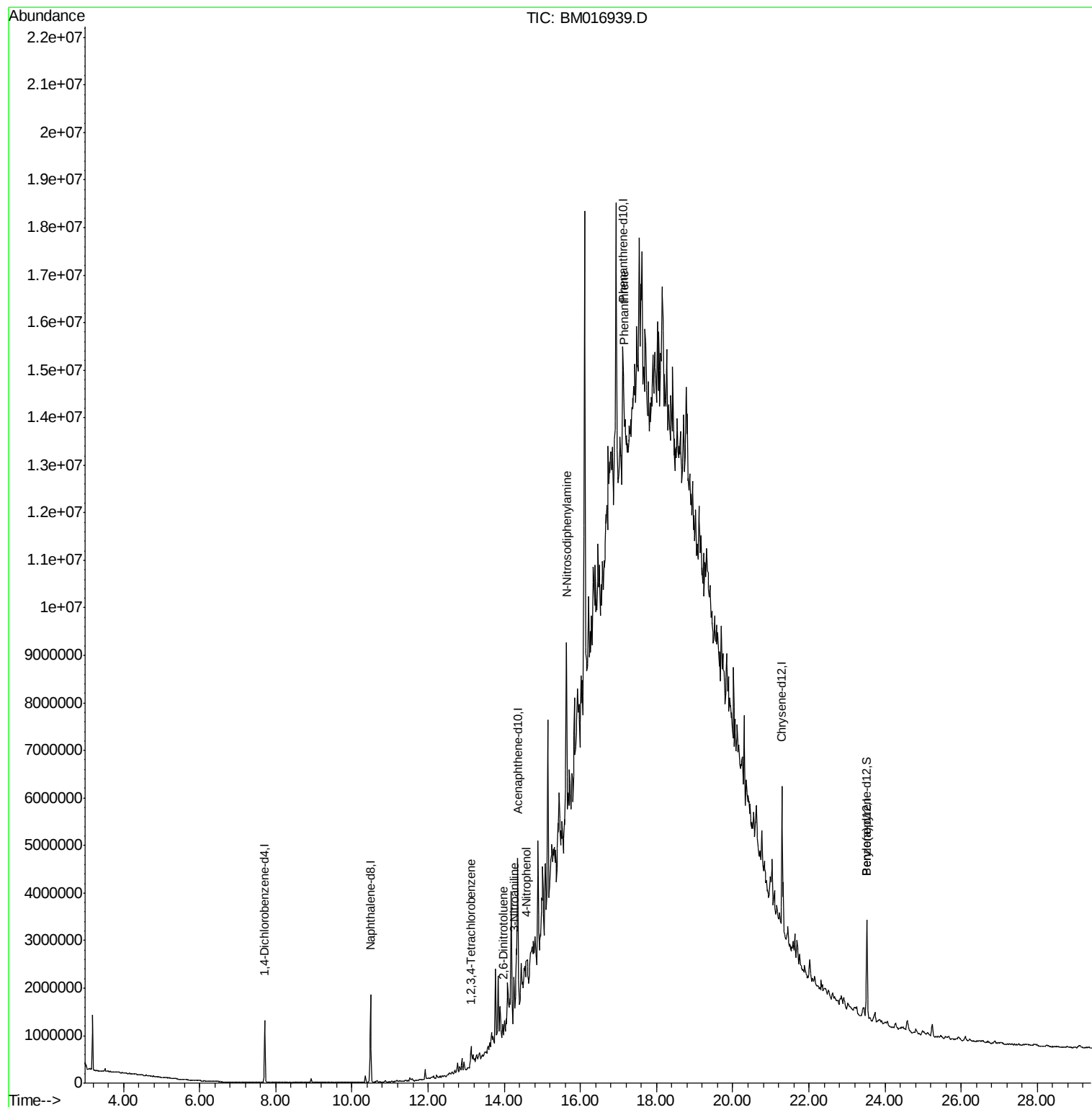
					Qvalue	
46) 2,6-Dinitrotoluene	13.96	165	14465	1.451	ng/ul#	26
49) 3-Nitroaniline	14.26	138	29822	2.752	ng/ul#	11
53) 4-Nitrophenol	14.58	109	17432	2.076	ng/ul#	8
65) N-Nitrosodiphenylamine	15.63	169	122549	2.554	ng/ul#	49
70) Phenanthrene	17.15	178	215440	2.501	ng/ul#	45
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	26965	1.050	ng/uL	96

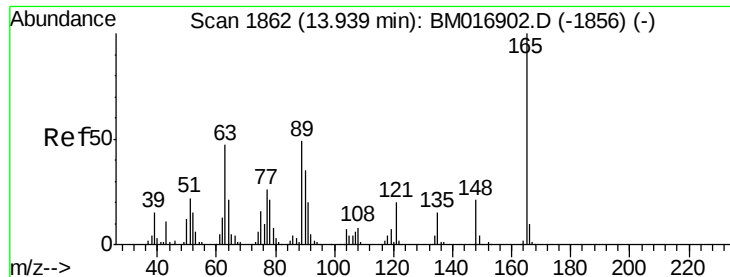
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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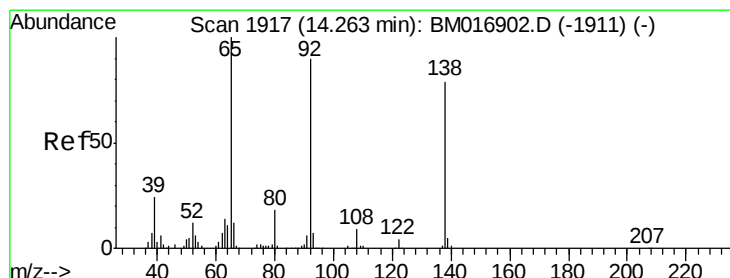
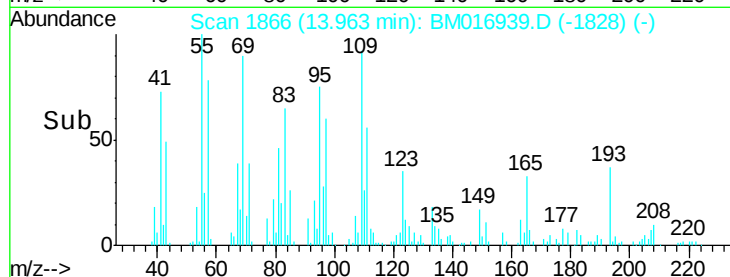
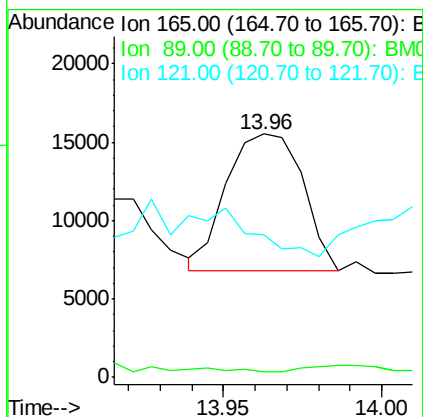
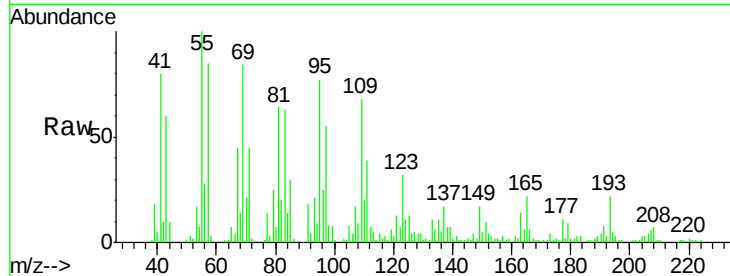




#46
 2,6-Dinitrotoluene
 Concen: 1.451 ng/ul
 RT: 13.96 min Scan# 1866
 Delta R.T. 0.02 min
 Lab File: BM016939.D
 Acq: 02 Oct 2018 01:51

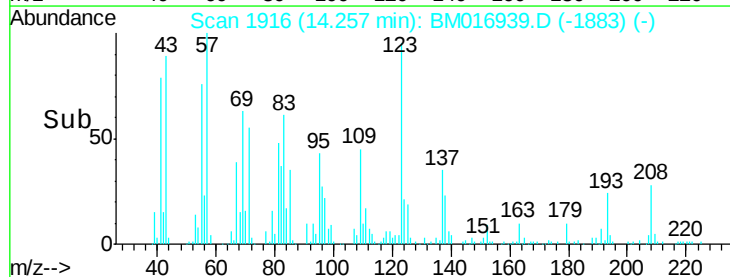
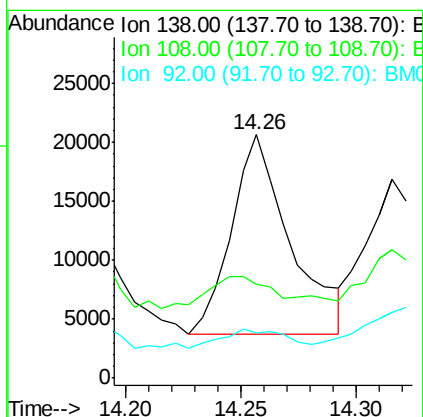
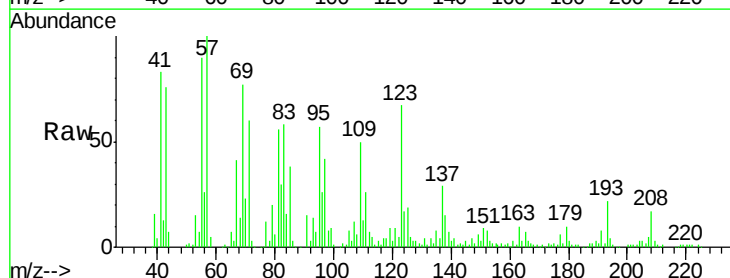
Instrument :
 BNA_M
 ClientSampleId :
 C0B72

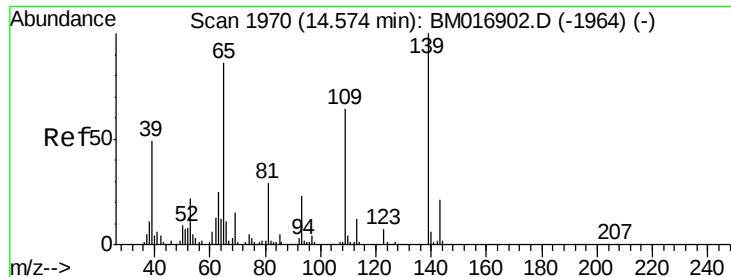
Tgt Ion:165 Resp: 14465
 Ion Ratio Lower Upper
 165 100
 89 2.3 43.8 65.8#
 121 58.7 17.8 26.6#



#49
 3-Nitroaniline
 Concen: 2.752 ng/ul
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM016939.D
 Acq: 02 Oct 2018 01:51

Tgt Ion:138 Resp: 29822
 Ion Ratio Lower Upper
 138 100
 108 38.4 7.6 11.4#
 92 18.8 94.2 141.2#

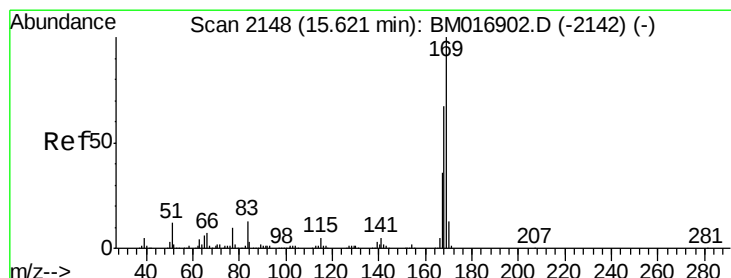
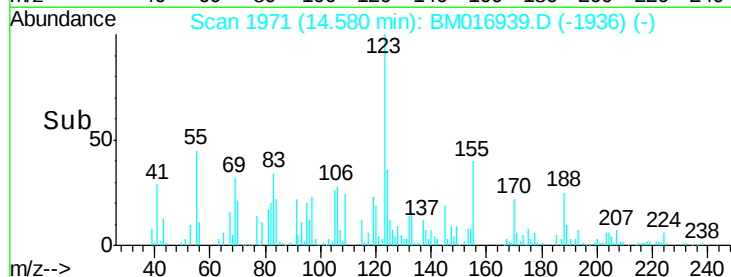
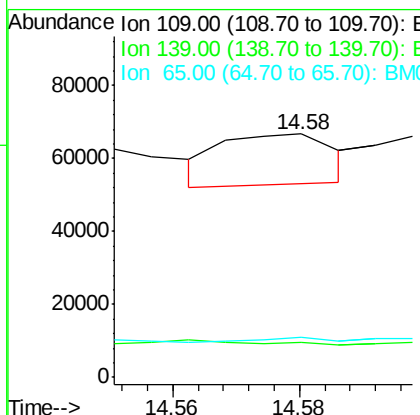
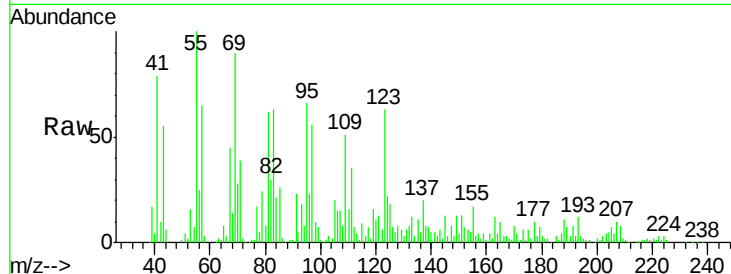




#53
 4-Nitrophenol
 Concen: 2.076 ng/ul
 RT: 14.58 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: BM016939.D
 Acq: 02 Oct 2018 01:51

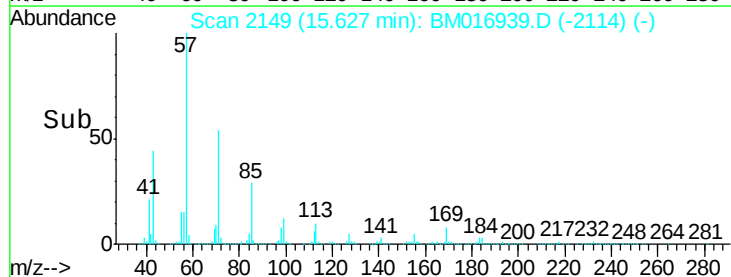
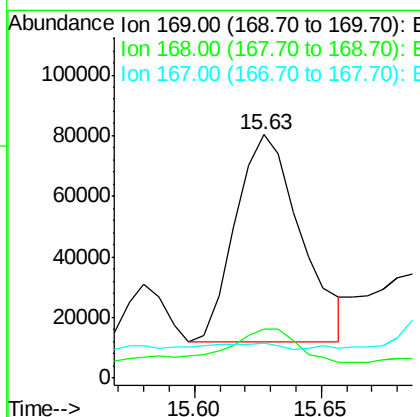
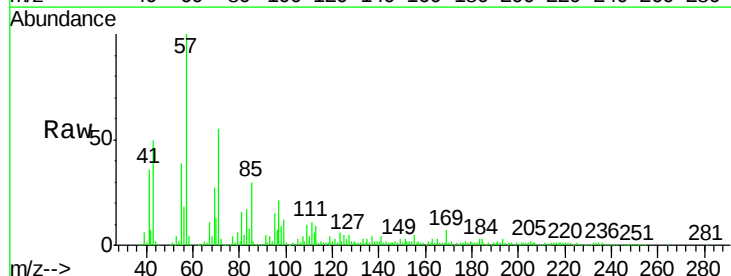
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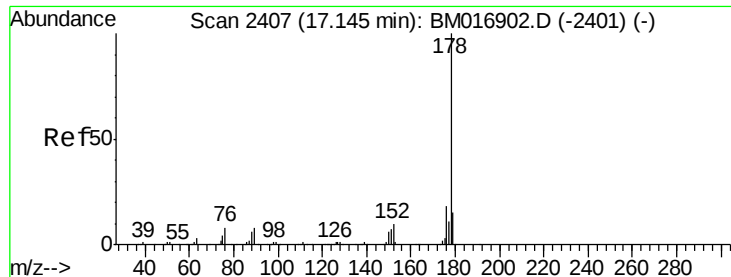
Tgt Ion:109 Resp: 17432
 Ion Ratio Lower Upper
 109 100
 139 14.6 91.2 136.8#
 65 16.3 92.6 139.0#



#65
 N-Nitrosodiphenylamine
 Concen: 2.554 ng/ul
 RT: 15.63 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: BM016939.D
 Acq: 02 Oct 2018 01:51

Tgt Ion:169 Resp: 122549
 Ion Ratio Lower Upper
 169 100
 168 20.0 53.8 80.8#
 167 14.5 29.5 44.3#





#70

Phenanthrene

Concen: 2.501 ng/uL

RT: 17.15 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BM016939.D

Acq: 02 Oct 2018 01:51

Instrument :

BNA_M

ClientSampleId :

C0B72

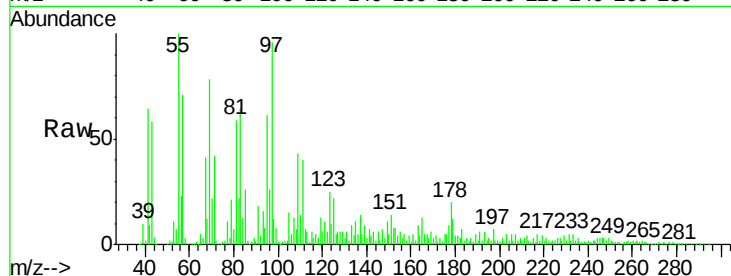
Tgt Ion:178 Resp: 215440

Ion Ratio Lower Upper

178 100

179 61.6 12.3 18.5#

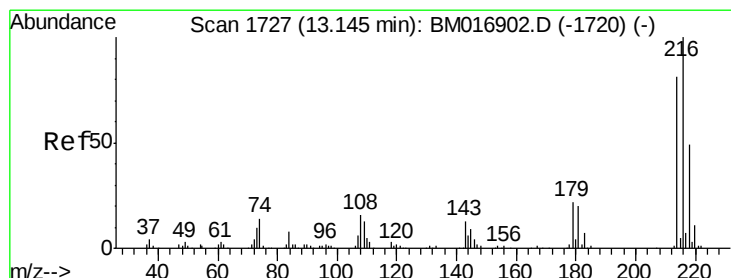
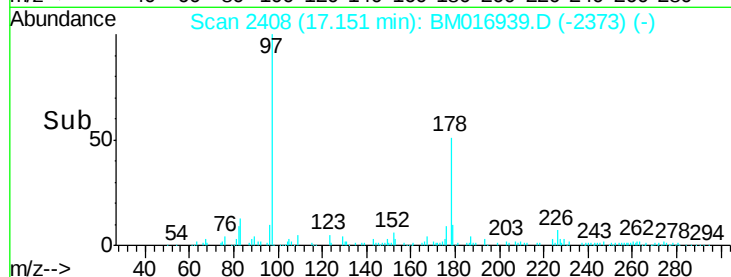
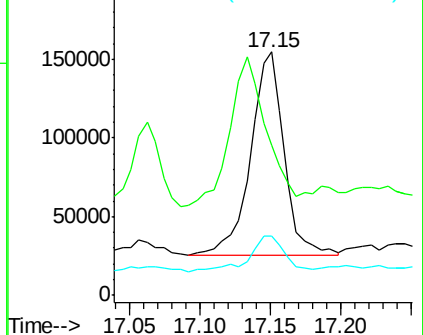
176 24.3 15.4 23.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 1.050 ng/uL

RT: 13.14 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BM016939.D

Acq: 02 Oct 2018 01:51

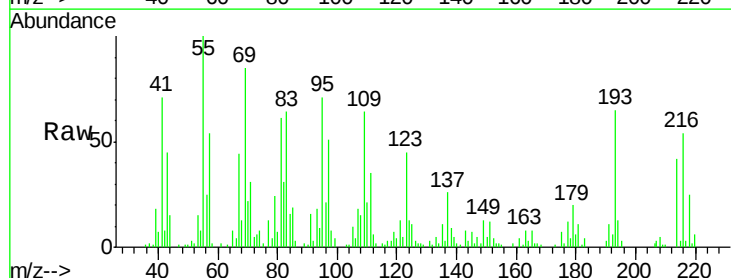
Tgt Ion:216 Resp: 26965

Ion Ratio Lower Upper

216 100

214 76.9 64.1 96.1

218 46.6 39.4 59.0



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

