

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
 Data File : BM015695.D
 Acq On : 18 Jun 2018 12:34
 Operator : SJ/JU
 Sample : J3506-05DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 19 04:16:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 19 04:16:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	93882	20.00	ng/ul	0.01
18) Naphthalene-d8	11.16	136	366563	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	211507	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.67	188	503363	20.00	ng/ul	0.00
77) Chrysene-d12	21.77	240	578251	20.00	ng/ul	0.00
85) Perylene-d12	24.18	264	611913	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	1707	0.88	ng/uL	0.00
5) Phenol-d5	7.49	99	7534	0.88	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.65	67	29960	5.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.86	132	30372	4.66	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	17407	2.37	ng/ul	0.01
19) Nitrobenzene-d5	9.52	128	17449	7.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	18458	6.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	32981	6.01	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	14.34	166	132819	7.59	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	141169	7.47	ng/ul	0.00
51) 4-Nitrophenol-d4	15.18	143	843	0.25	ng/ul	0.04
57) Fluorene-d10	15.93	176	114196	7.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	12150	4.01	ng/ul	0.00
70) Anthracene-d10	17.77	188	176088	7.67	ng/ul	0.00
78) Pyrene-d10	20.02	212	202479	8.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.03	264	229996	7.50	ng/ul	0.00

Target Compounds

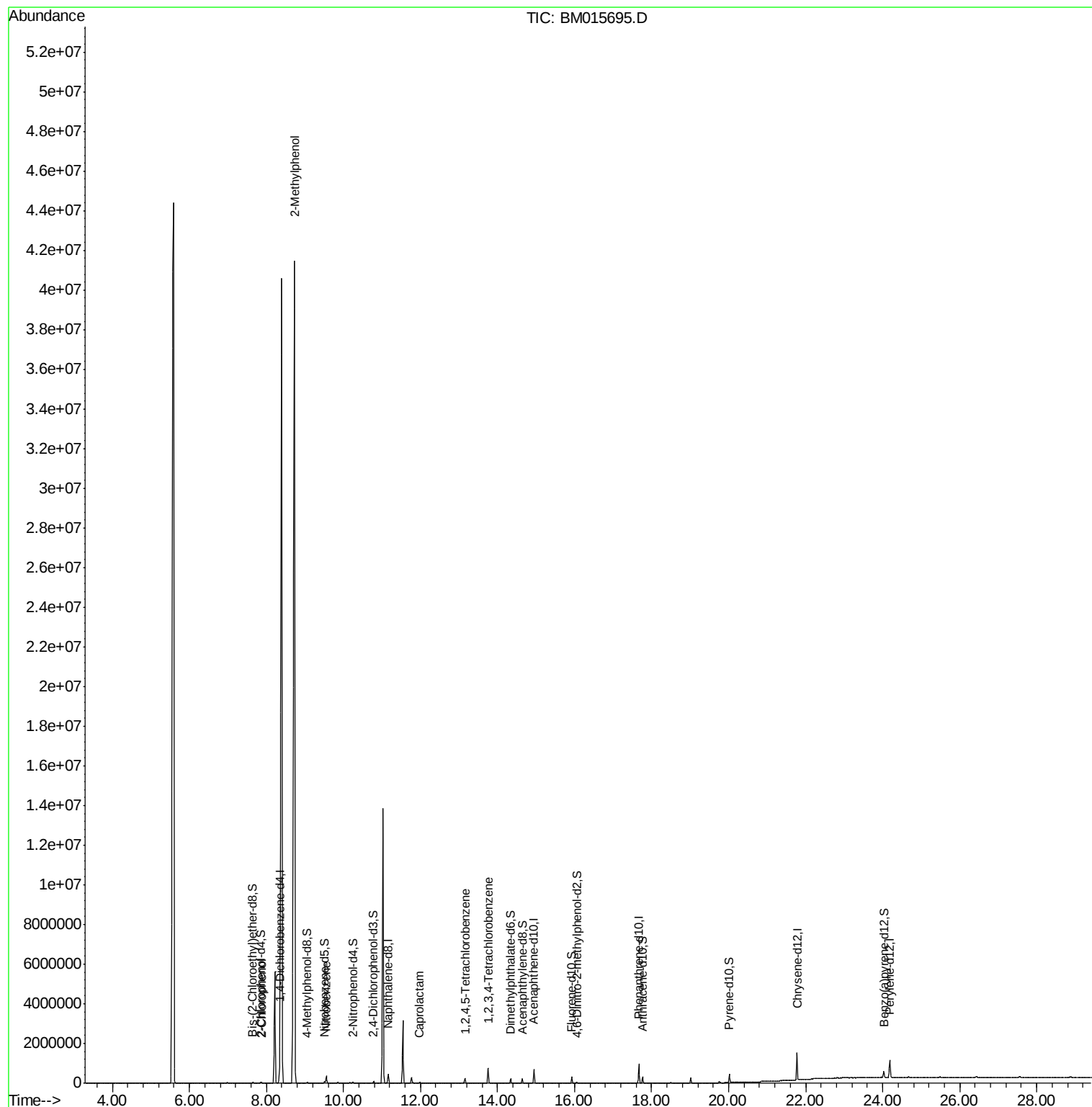
				Ovalue	
10) 2-Chlorophenol	7.89	128	7634	1.137	ng/ul# 83
11) 2-Methylphenol	8.73	108	211624	31.220	ng/ul 100
20) Nitrobenzene	9.56	77	185993	27.937	ng/ul 88
32) Caprolactam	11.98	113	3401	1.624	ng/ul# 1
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	66733	10.932	ng/ul 98
72) 1,2,3,4-Tetrachlorobenzene	13.76	216	194524	32.043	ng/uL 99

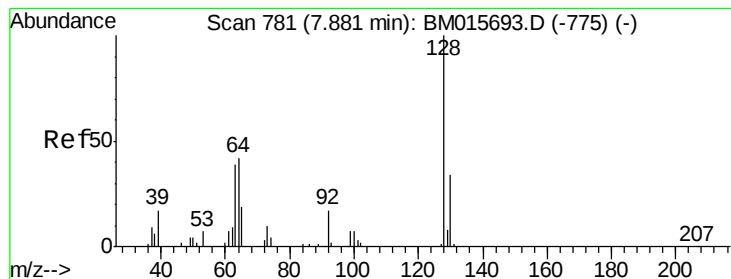
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.137 ng/ul

RT: 7.89 min Scan# 783

Delta R.T. 0.01 min

Lab File: BM015695.D

Acq: 18 Jun 2018 12:34

Instrument :

BNA_M

ClientSampled :

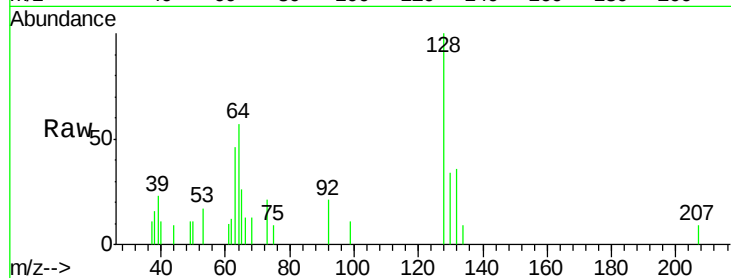
Tot Ion:128 Resp: 7634

Ion Ratio Lower Upper

128 100

64 56.5 31.9 47.9#

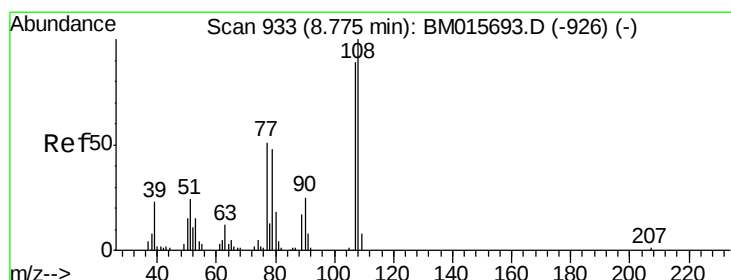
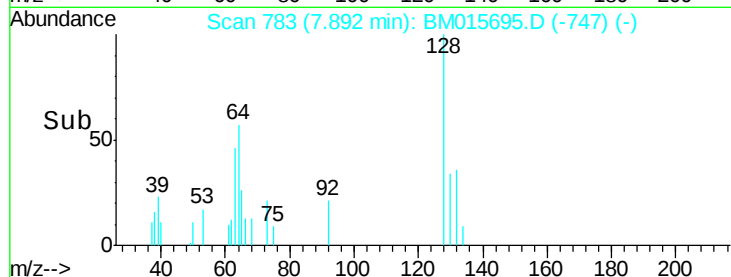
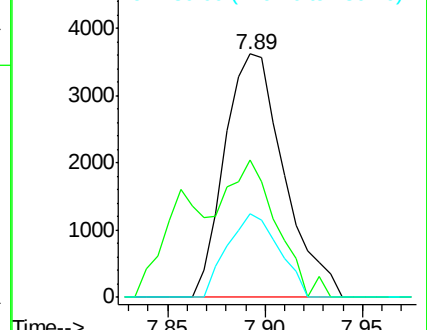
130 34.3 25.6 38.4



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



#11

2-Methylphenol

Concen: 31.220 ng/ul

RT: 8.73 min Scan# 925

Delta R.T. -0.05 min

Lab File: BM015695.D

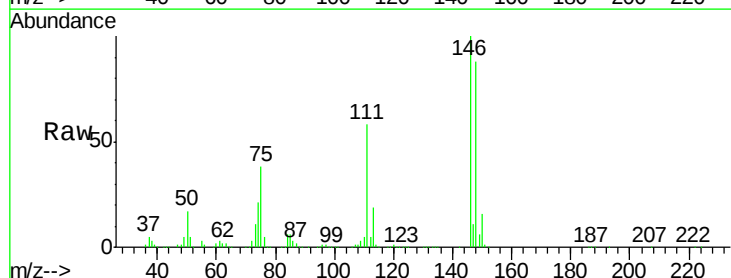
Acq: 18 Jun 2018 12:34

Tgt Ion:108 Resp: 211624

Ion Ratio Lower Upper

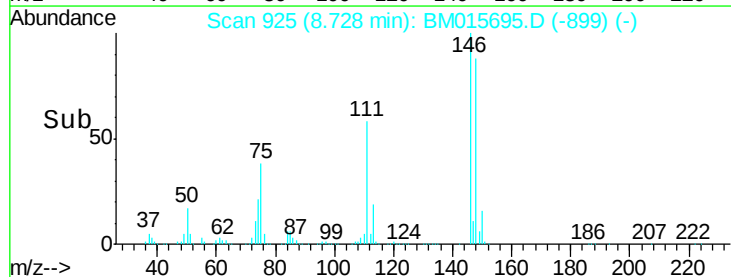
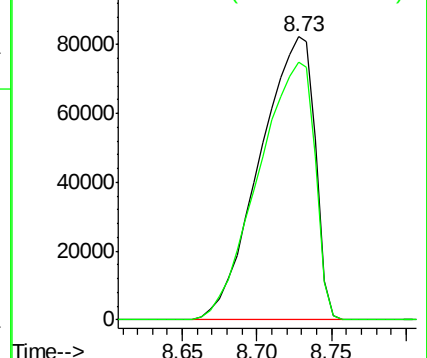
108 100

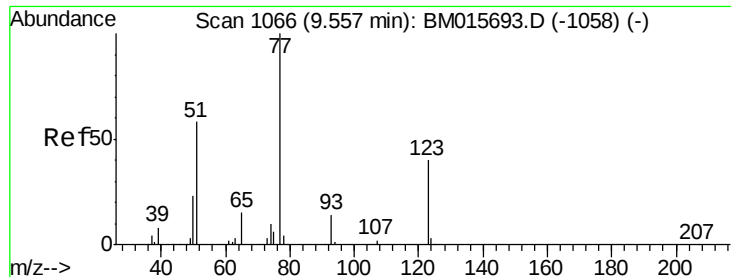
107 90.9 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

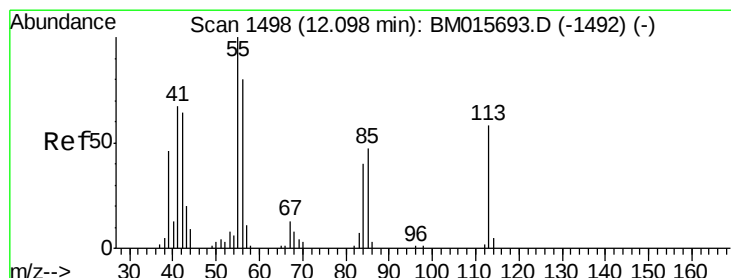
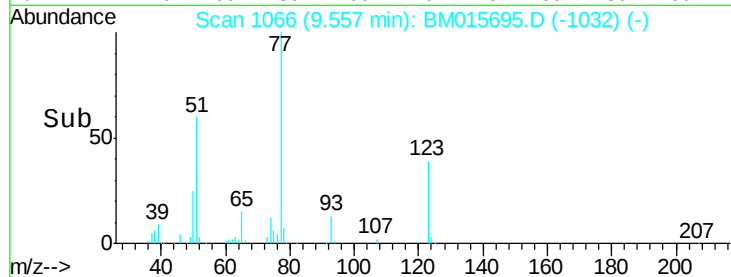
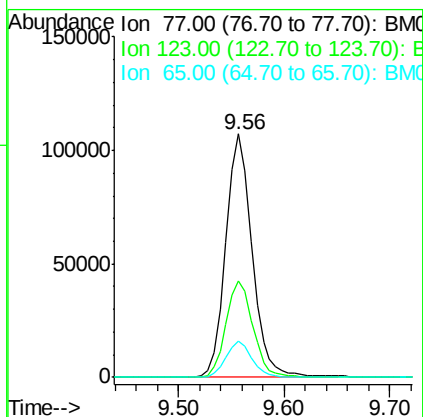
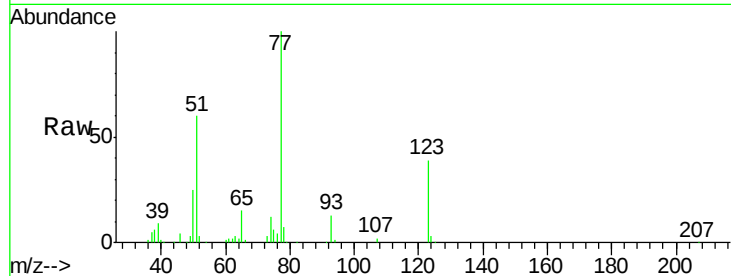




#20
Nitrobenzene
Concen: 27.937 ng/ul
RT: 9.56 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BM015695.D
Acq: 18 Jun 2018 12:34

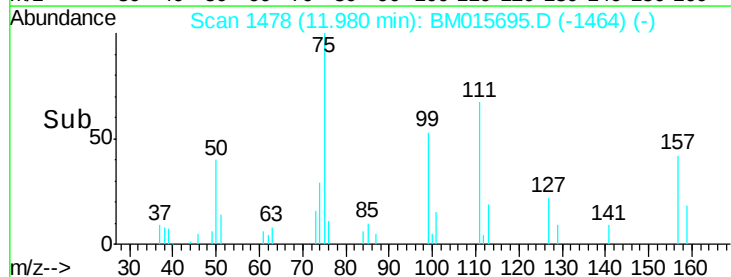
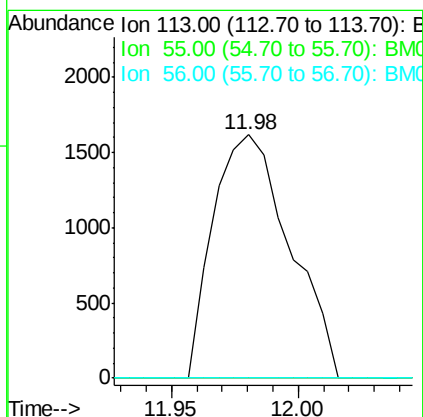
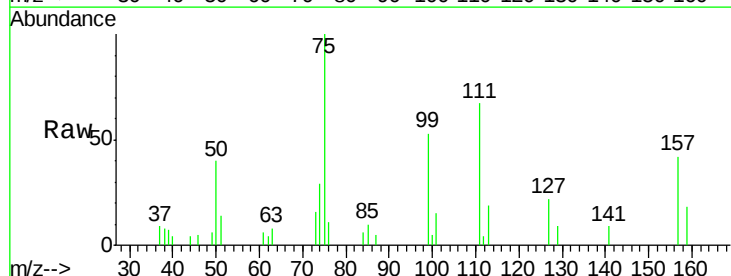
Instrument :
BNA_M
ClientSampled :

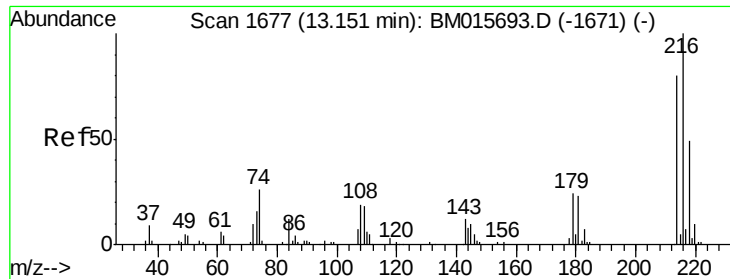
Tot Ion	Ratio	Lower	Upper
77	100		
123	39.5	39.0	58.4
65	14.6	10.4	15.6



#32
Caprolactam
Concen: 1.624 ng/ul
RT: 11.98 min Scan# 1478
Delta R.T. -0.12 min
Lab File: BM015695.D
Acq: 18 Jun 2018 12:34

Tgt Ion	Ratio	Lower	Upper
113	100		
55	0.0	101.9	152.9#
56	0.0	81.2	121.8#

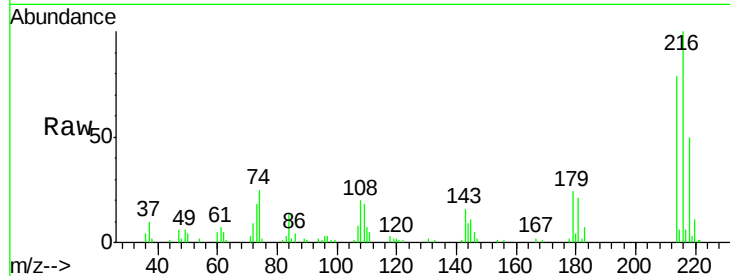




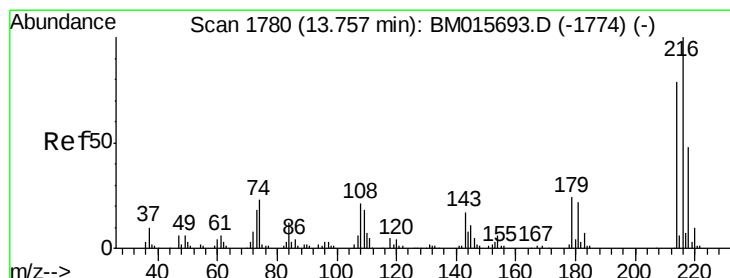
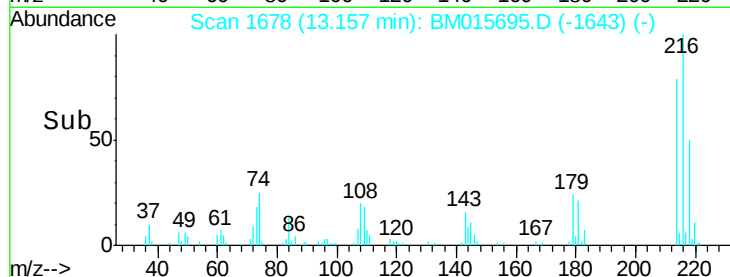
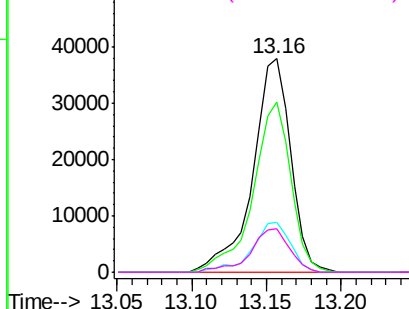
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.932 ng/ul
 RT: 13.16 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BM015695.D
 Acq: 18 Jun 2018 12:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.5	93.7
179	23.6	18.2	27.2
108	20.4	14.2	21.2

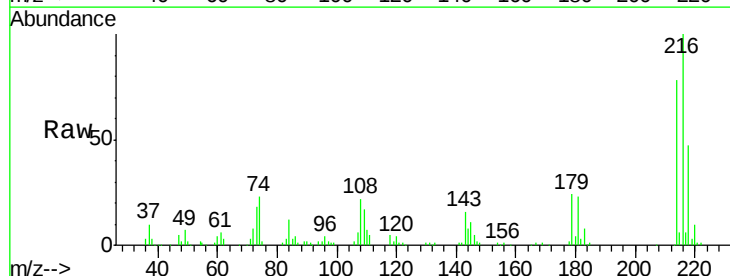


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 32.043 ng/uL
 RT: 13.76 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BM015695.D
 Acq: 18 Jun 2018 12:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.5	93.7
218	47.3	38.4	57.6



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

