

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
 Data File : BM019517.D
 Acq On : 27 Mar 2019 22:35
 Operator : JU/SJ
 Sample : K2069-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09D7

Quant Time: Mar 28 05:14:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 05:07:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	102629	20.00	ng/ul	0.04
18) Naphthalene-d8	10.38	136	381208	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	203550	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	459916	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	588888	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	784577	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	7096	2.71	ng/uL	-0.01
5) Phenol-d5	6.78	99	49920	5.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	144795	23.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	147329	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	97697	14.24	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	87919	32.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	101098	33.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	156444	27.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	8241	1.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	562047	34.22	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	669243	32.59	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.52	143	12284	4.77	ng/ul	0.02
58) Fluorene-d10	15.25	176	452427	31.97	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	87255	28.69	ng/ul	-0.01
71) Anthracene-d10	17.10	188	729982	33.08	ng/ul	-0.01
79) Pyrene-d10	19.42	212	856923	31.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	1283798	30.87	ng/ul	-0.01

Target Compounds

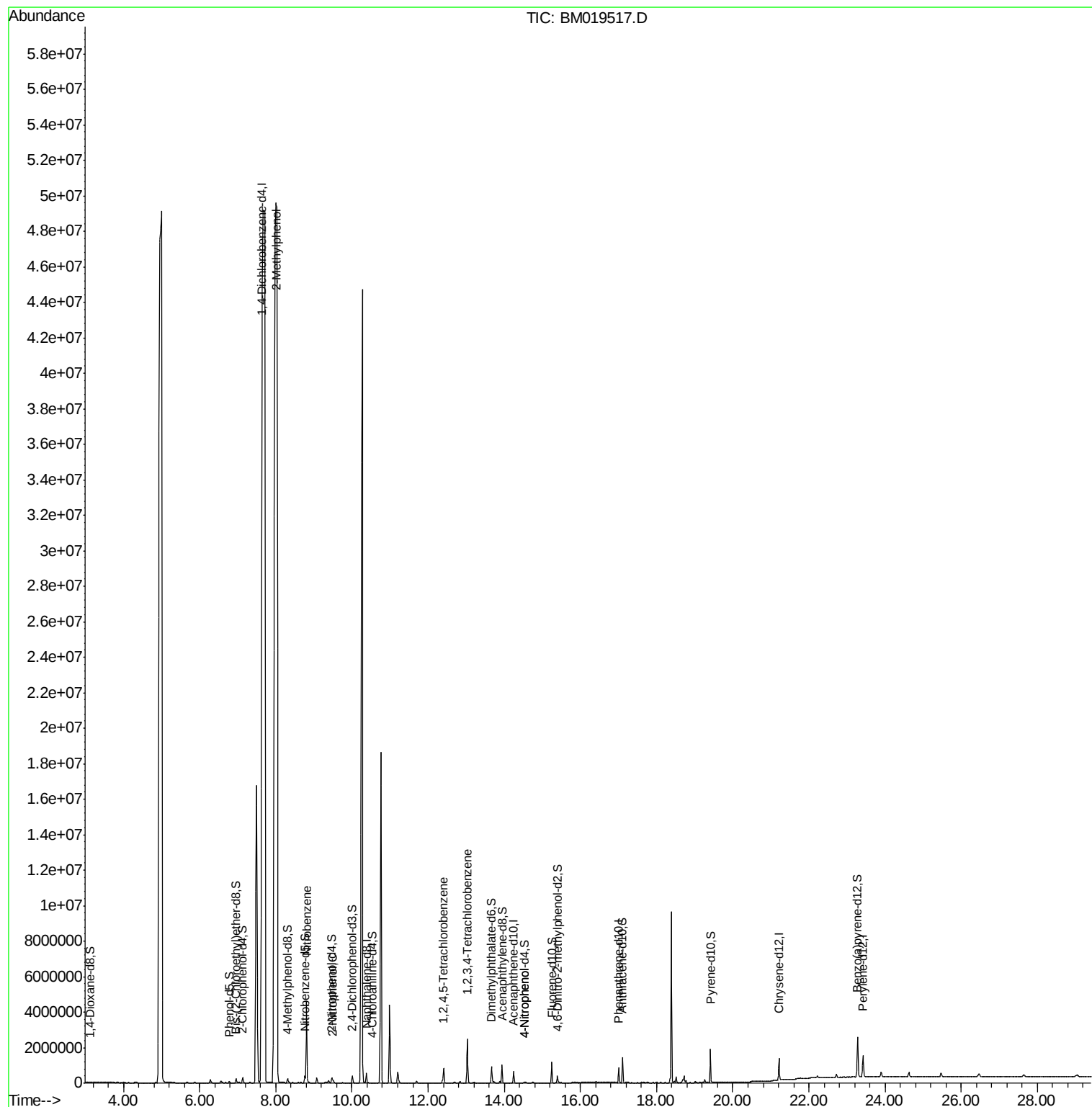
					Qvalue
11) 2-Methylphenol	8.00	108	369479	55.551	ng/ul 97
20) Nitrobenzene	8.81	77	2829551	349.554	ng/ul 100
23) 2-Nitrophenol	9.50	139	31905	9.556	ng/ul 93
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	250433	38.664	ng/ul# 93
53) 4-Nitrophenol	14.52	109	2548	1.265	ng/ul# 75
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	676471	101.451	ng/uL 99

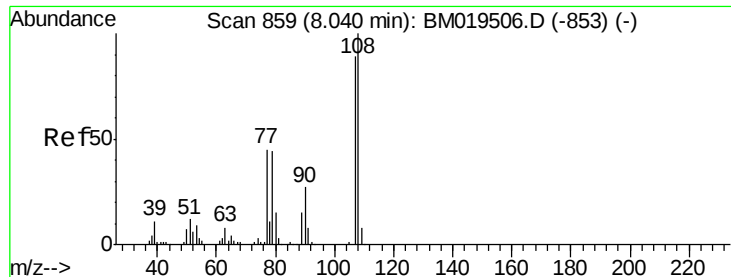
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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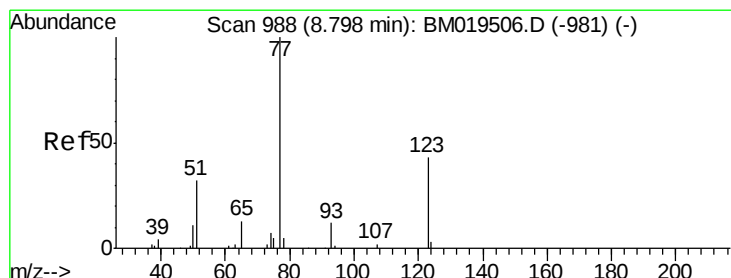
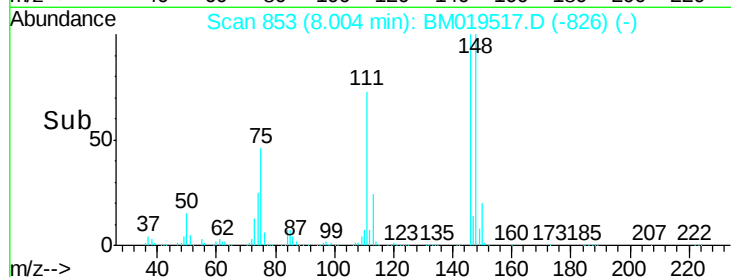
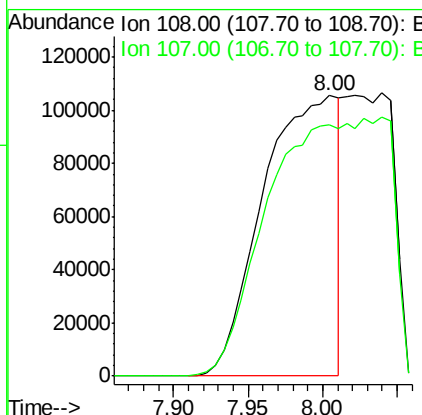
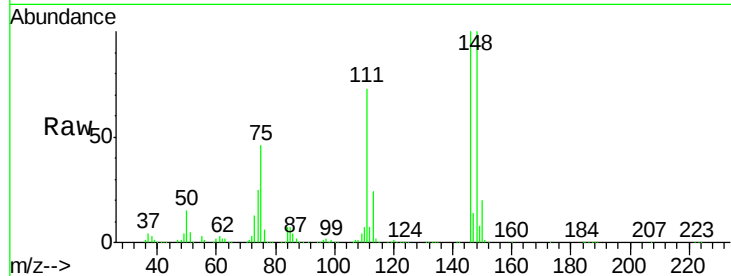




#11
2-Methylphenol
Concen: 55.551 ng/ul
RT: 8.00 min Scan# 853
Delta R.T. -0.04 min
Lab File: BM019517.D
Acq: 27 Mar 2019 22:35

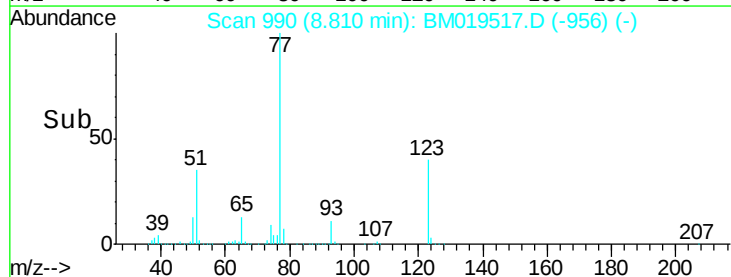
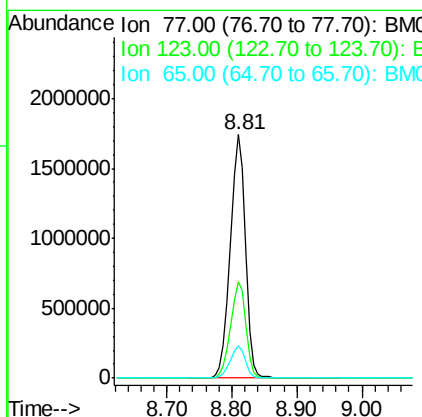
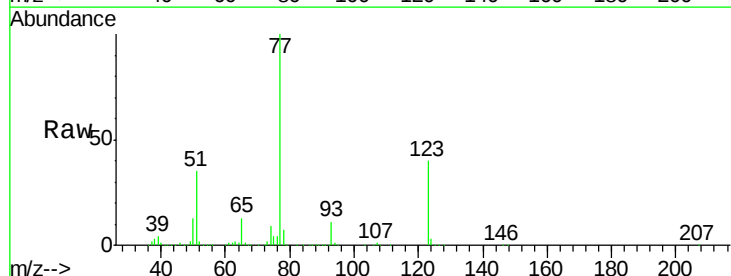
Instrument :
BNA_M
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C09D7

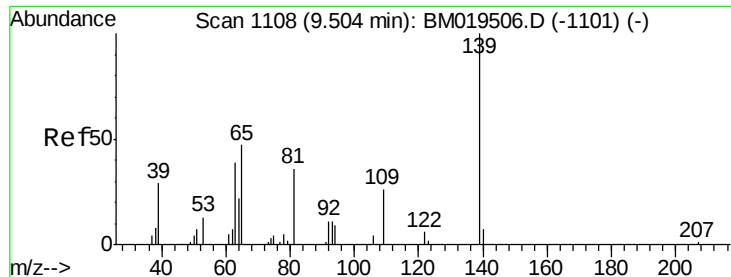
Tgt Ion: 108 Resp: 369479
Ion Ratio Lower Upper
108 100
107 89.9 74.1 111.1



#20
Nitrobenzene
Concen: 349.554 ng/ul
RT: 8.81 min Scan# 990
Delta R.T. 0.00 min
Lab File: BM019517.D
Acq: 27 Mar 2019 22:35

Tgt Ion: 77 Resp: 2829551
Ion Ratio Lower Upper
77 100
123 39.6 31.8 47.8
65 13.2 10.6 16.0

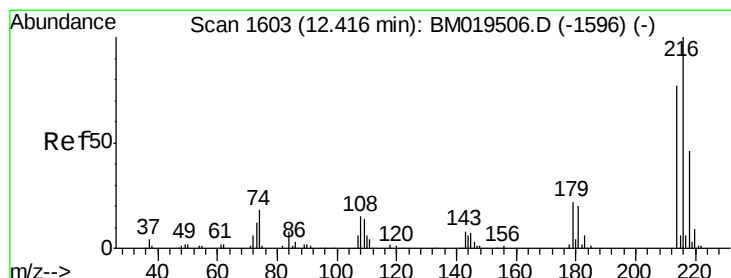
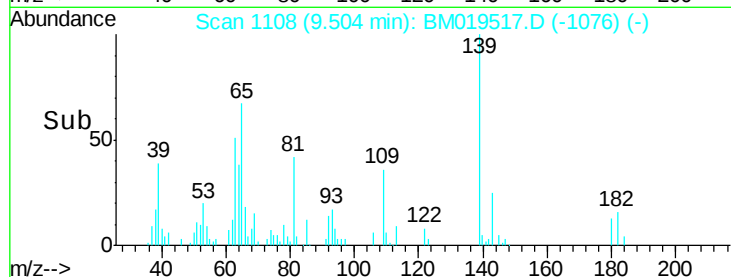
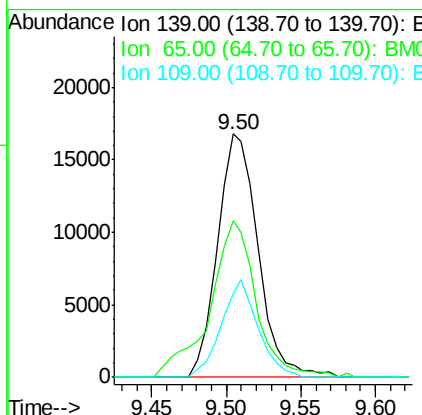
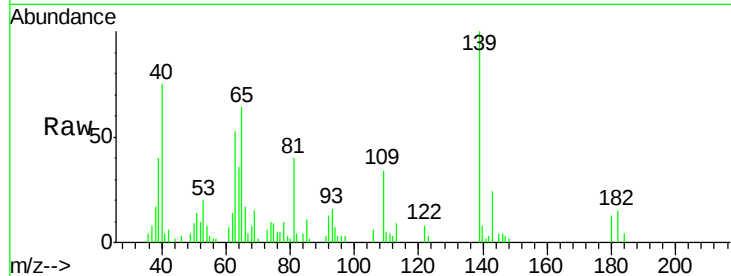




#23
 2-Nitrophenol
 Concen: 9.556 ng/ul
 RT: 9.50 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BM019517.D
 Acq: 27 Mar 2019 22:35

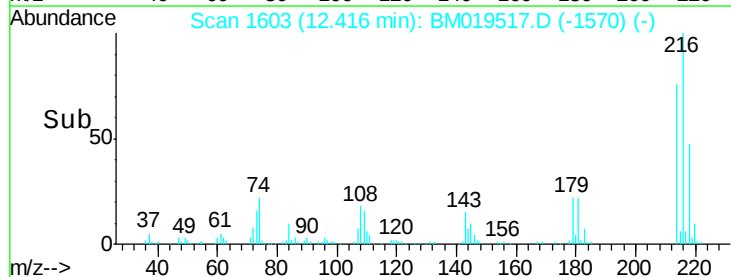
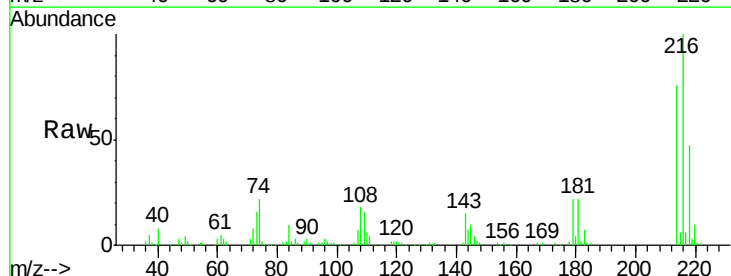
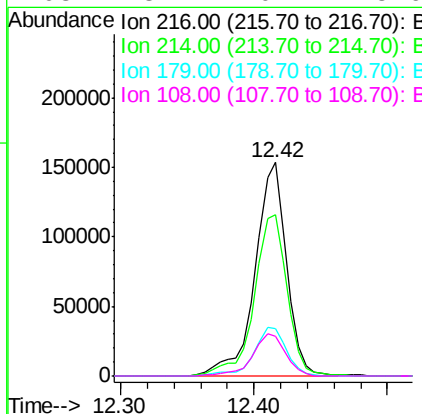
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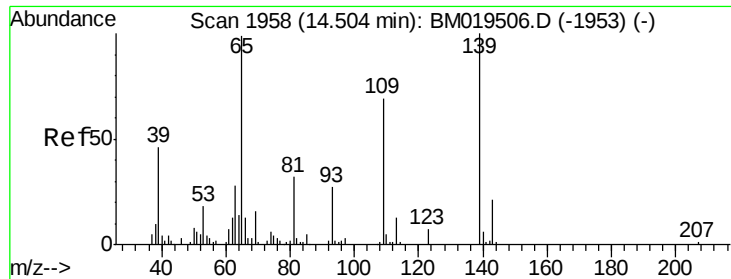
Tgt Ion:139 Resp: 31905
 Ion Ratio Lower Upper
 139 100
 65 64.3 45.3 67.9
 109 34.3 27.7 41.5



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.664 ng/ul
 RT: 12.42 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BM019517.D
 Acq: 27 Mar 2019 22:35

Tgt Ion:216 Resp: 250433
 Ion Ratio Lower Upper
 216 100
 214 75.7 64.1 96.1
 179 22.1 14.5 21.7#
 108 18.4 10.4 15.6#

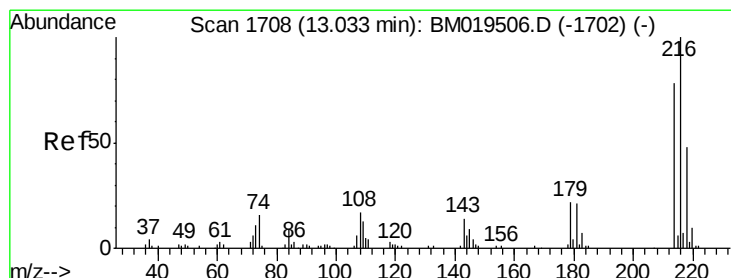
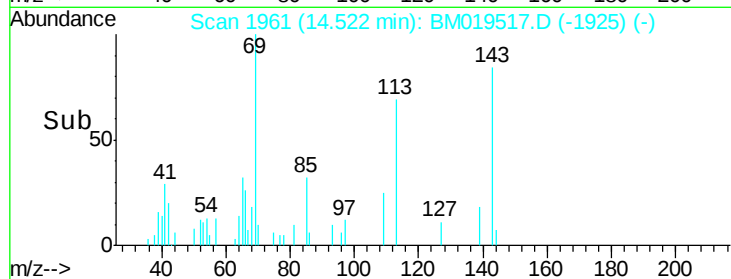
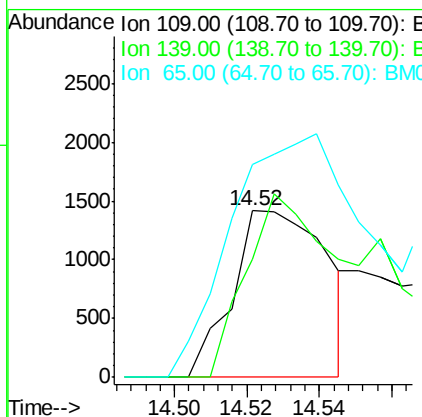
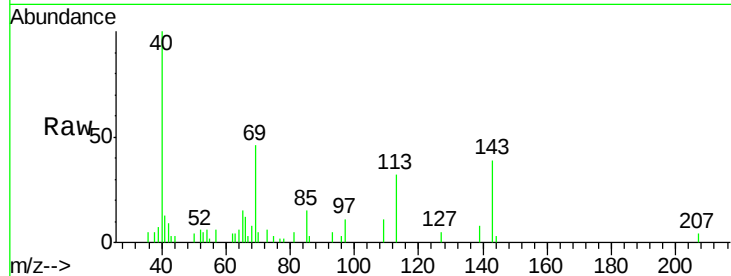




#53
4-Nitrophenol
Concen: 1.265 ng/uL
RT: 14.52 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BM019517.D
Acq: 27 Mar 2019 22:35

Instrument :
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ClientSampled :
C09D7

Tgt Ion:109 Resp: 2548
Ion Ratio Lower Upper
109 100
139 71.2 91.2 136.8#
65 127.7 92.6 139.0



#73
1,2,3,4-Tetrachlorobenzene
Concen: 101.451 ng/uL
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM019517.D
Acq: 27 Mar 2019 22:35

Tgt Ion:216 Resp: 676471
Ion Ratio Lower Upper
216 100
214 79.5 64.1 96.1
218 48.1 39.4 59.0

