

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
 Data File : BM016941.D
 Acq On : 02 Oct 2018 03:04
 Operator : MJ/SJ
 Sample : J5125-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B74

Quant Time: Oct 02 07:34:26 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	418449	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1762881	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.35	164	864576	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1523205	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1484099	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1597993	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	272	0.03	ng/uL	-0.03
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.97	67	307	0.01	ng/ul	-0.09
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	2400	0.07	ng/ul	-0.14
44) Dimethylphthalate-d6	13.77	166	349	0.01	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	161	0.00	ng/ul	0.01
52) 4-Nitrophenol-d4	14.56	143	2281	0.20	ng/ul	0.00
58) Fluorene-d10	15.35	176	6237	0.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	10595	1.69	ng/ul	-0.02
71) Anthracene-d10	17.20	188	5511	0.07	ng/ul	0.00
79) Pyrene-d10	19.50	212	1079	0.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	1583746	19.00	ng/ul	0.13

Target Compounds

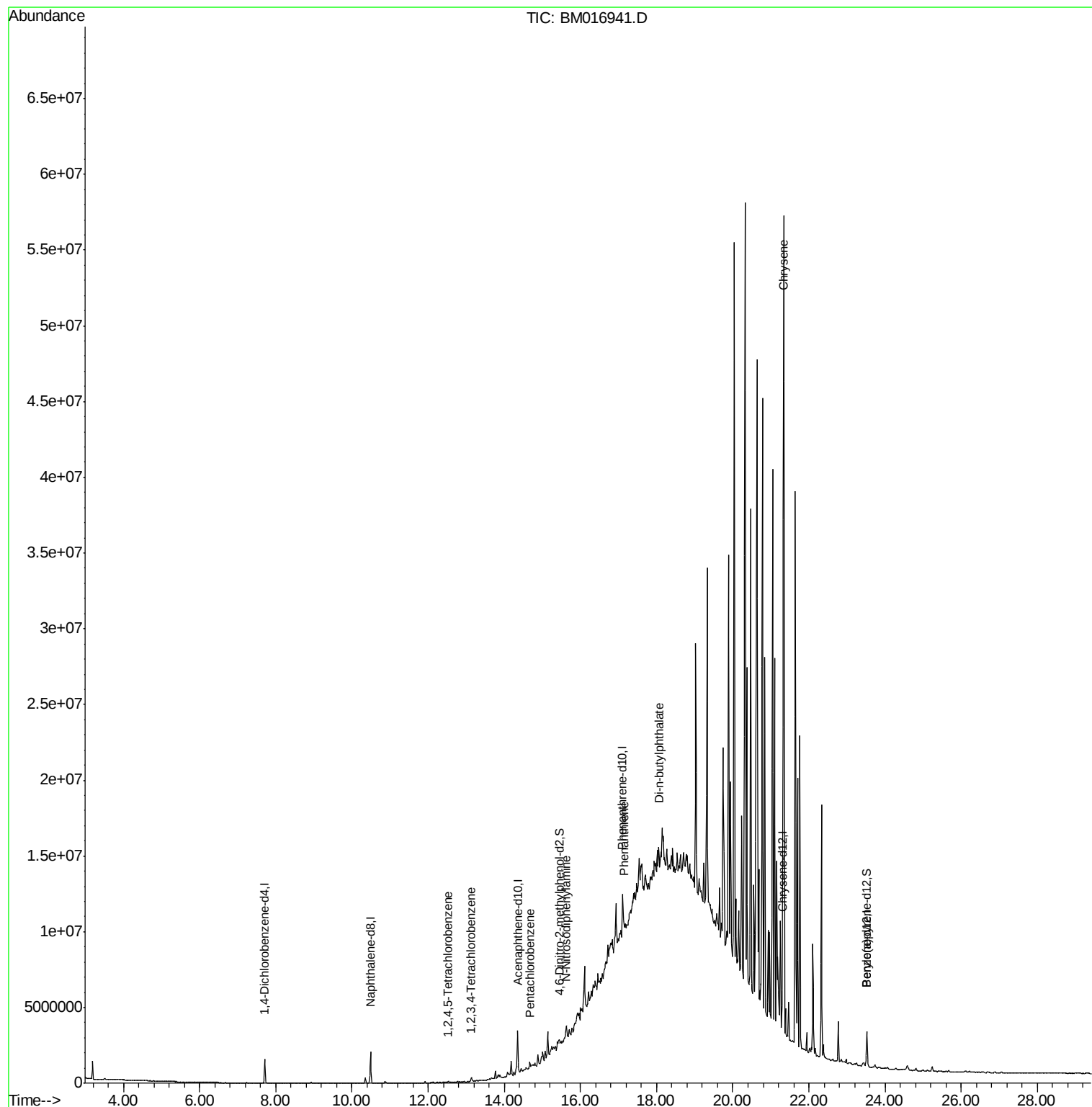
					Qvalue	
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	31232	1.052	ng/ul#	95
65) N-Nitrosodiphenylamine	15.62	169	53982	1.146	ng/ul#	46
70) Phenanthrene	17.14	178	106238	1.256	ng/ul#	1
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	63971	2.538	ng/uL	96
74) Pentachlorobenzene	14.67	250	44559	1.959	ng/uL	100
76) Di-n-butylphthalate	18.06	149	105798	1.191	ng/ul#	35
85) Chrysene	21.34	228	125296	1.462	ng/ul#	52

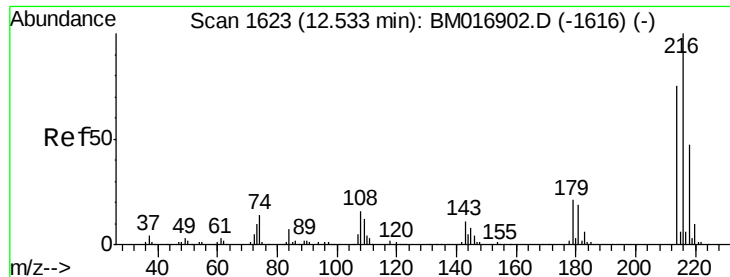
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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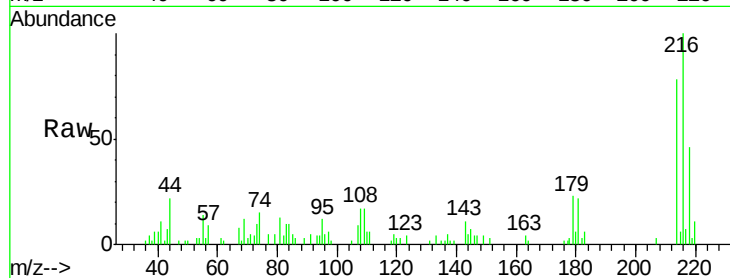




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.052 ng/ul
 RT: 12.53 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BM016941.D
 Acq: 02 Oct 2018 03:04

Instrument :
 BNA_M
 ClientSampleId :
 C0B74

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	64.1	96.1
179	23.3	14.5	21.7#
108	16.6	10.4	15.6#

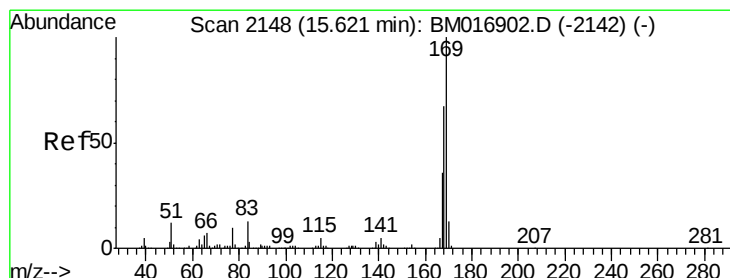
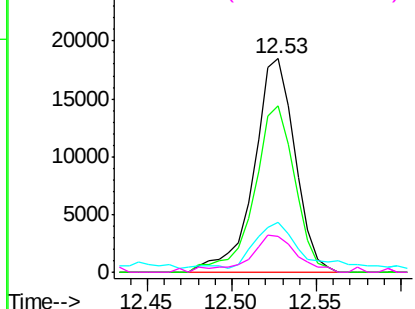
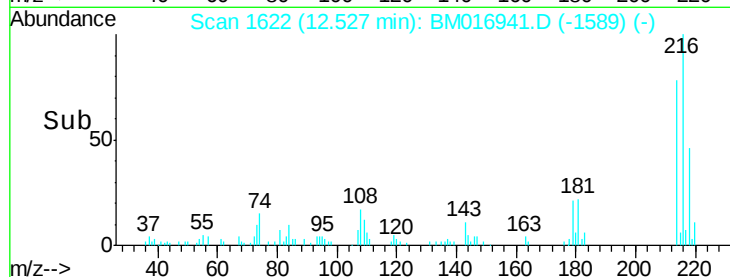


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

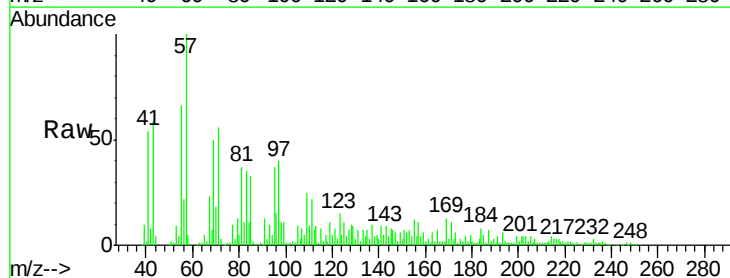
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#65
 N-Nitrosodiphenylamine
 Concen: 1.146 ng/ul
 RT: 15.62 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BM016941.D
 Acq: 02 Oct 2018 03:04

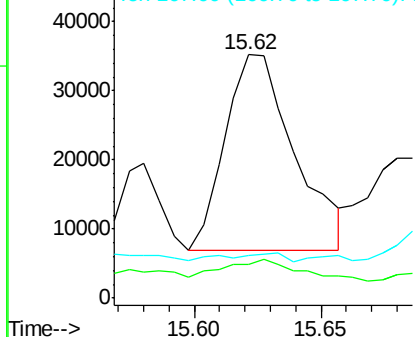
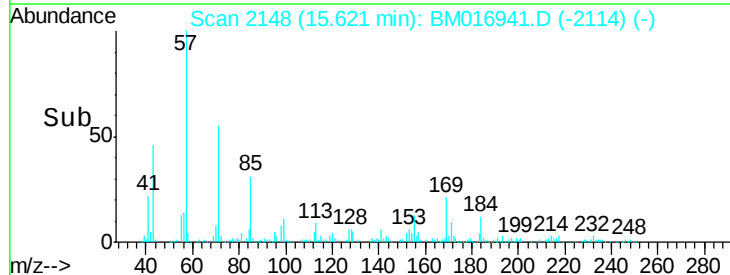
Tgt Ion	Ratio	Lower	Upper
169	100		
168	14.0	53.8	80.8#
167	17.4	29.5	44.3#

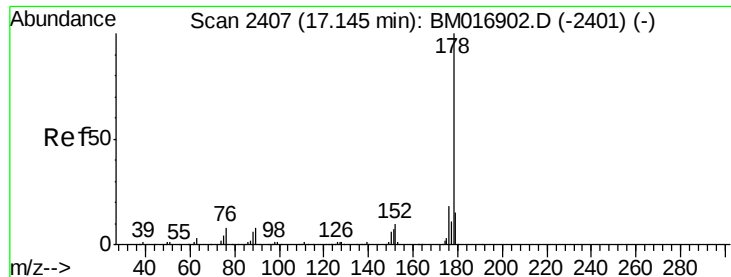


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 1.256 ng/uL

RT: 17.14 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BM016941.D

Acq: 02 Oct 2018 03:04

Instrument :

BNA_M

ClientSampleId :

C0B74

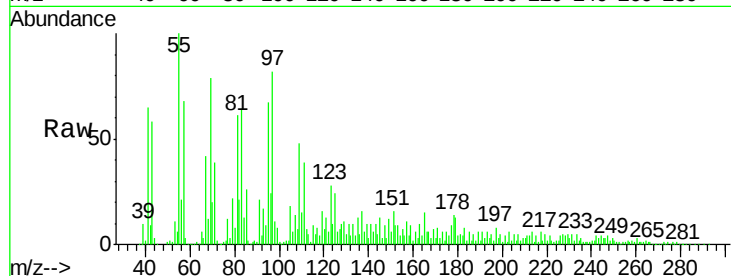
Tgt Ion:178 Resp: 106238

Ion Ratio Lower Upper

178 100

179 94.4 12.3 18.5#

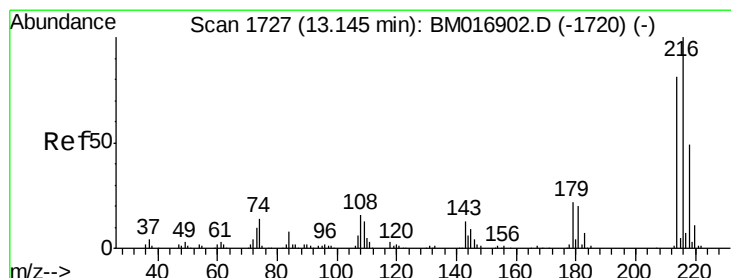
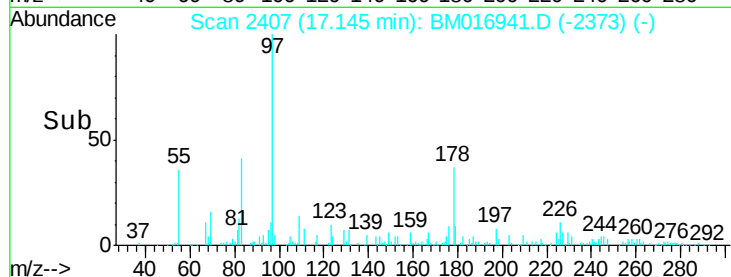
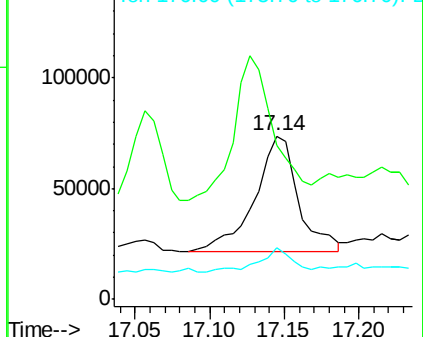
176 31.4 15.4 23.0#



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: 2.538 ng/uL

RT: 13.14 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BM016941.D

Acq: 02 Oct 2018 03:04

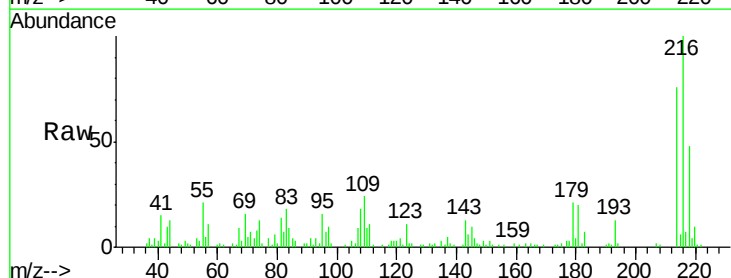
Tgt Ion:216 Resp: 63971

Ion Ratio Lower Upper

216 100

214 75.8 64.1 96.1

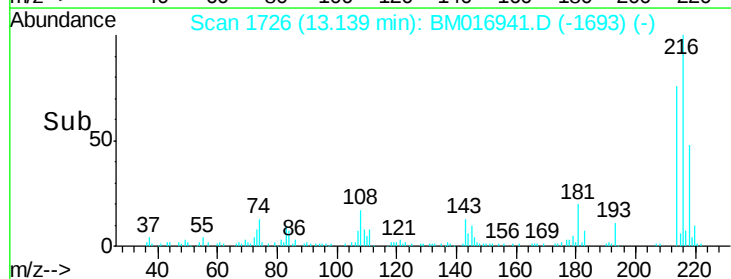
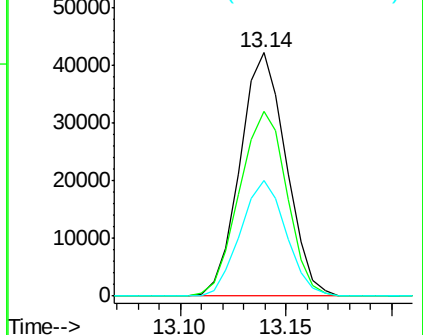
218 47.6 39.4 59.0

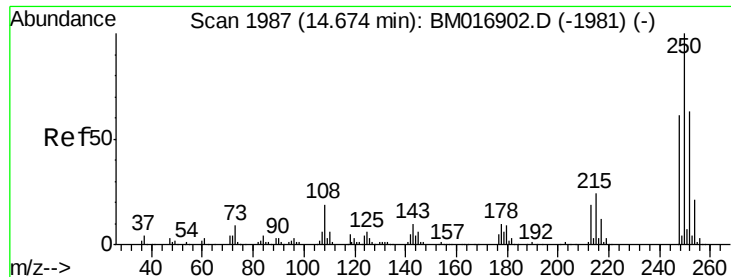


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

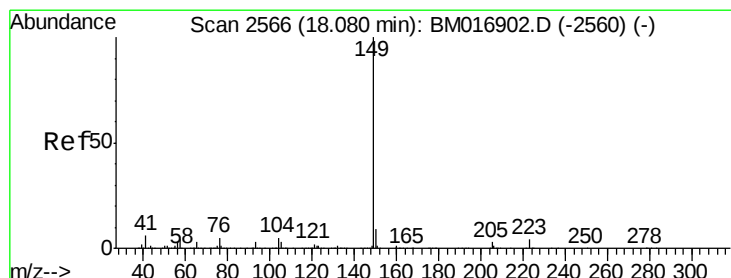
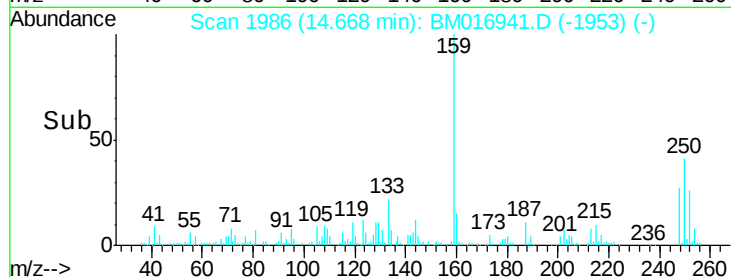
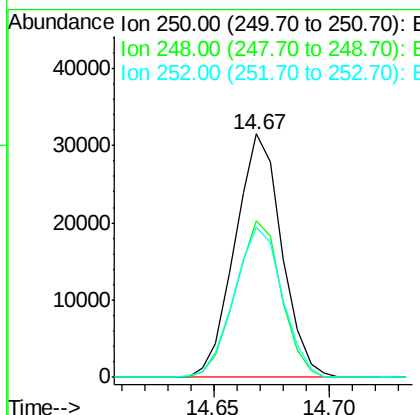
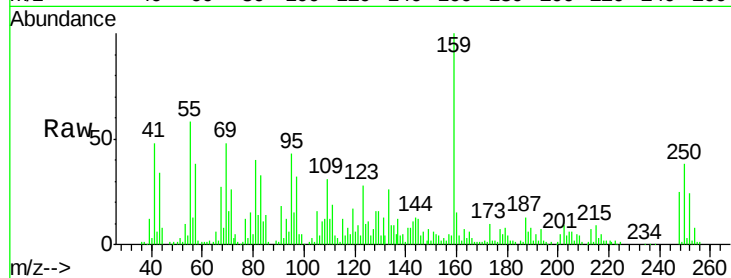




#74
 Pentachlorobenzene
 Concen: 1.959 ng/uL
 RT: 14.67 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BM016941.D
 Acq: 02 Oct 2018 03:04

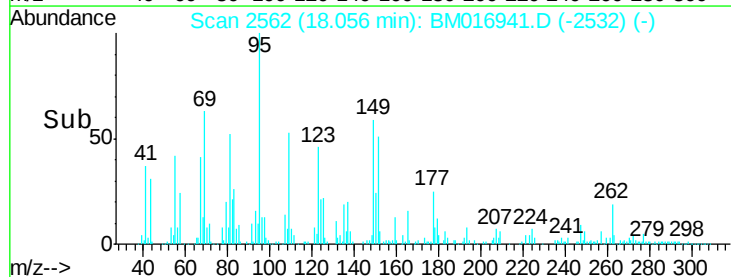
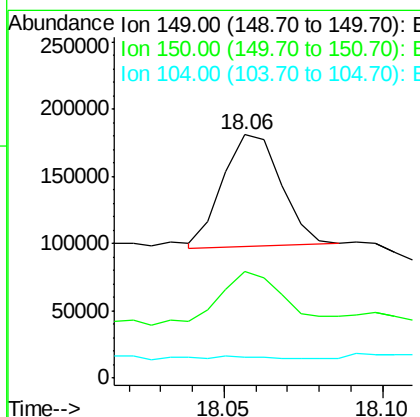
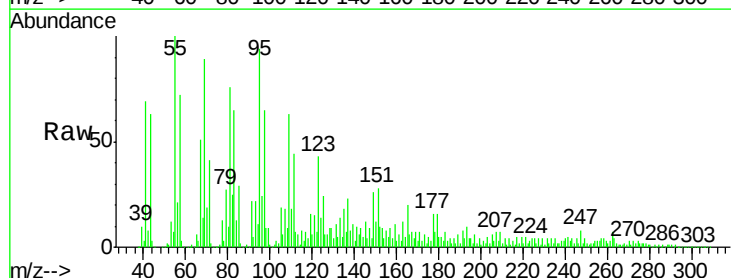
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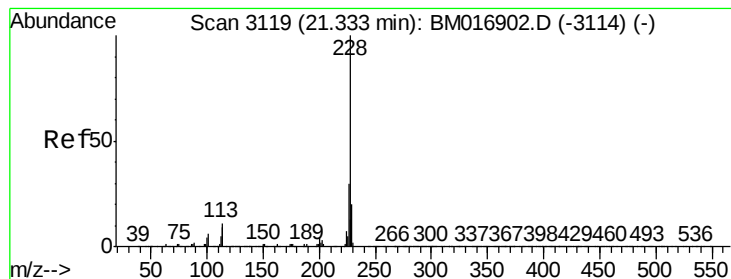
Tgt Ion: 250 Resp: 44559
 Ion Ratio Lower Upper
 250 100
 248 64.5 51.4 77.2
 252 61.9 49.8 74.6



#76
 Di-n-butylphthalate
 Concen: 1.191 ng/uL
 RT: 18.06 min Scan# 2562
 Delta R.T. -0.02 min
 Lab File: BM016941.D
 Acq: 02 Oct 2018 03:04

Tgt Ion: 149 Resp: 105798
 Ion Ratio Lower Upper
 149 100
 150 43.7 7.5 11.3#
 104 8.8 4.1 6.1#





#85

Chrysene

Concen: 1.462 ng/ul

RT: 21.34 min Scan# 3120

Delta R.T. 0.01 min

Lab File: BM016941.D

Acq: 02 Oct 2018 03:04

Instrument :

BNA_M

ClientSampleId :

C0B74

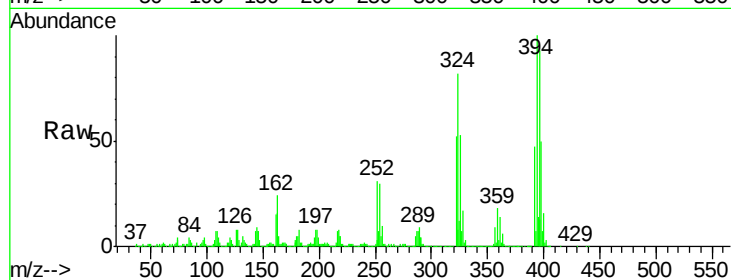
Tgt Ion:228 Resp: 125296

Ion Ratio Lower Upper

228 100

226 40.8 24.1 36.1#

229 61.7 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

