

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
 Data File : BM016927.D
 Acq On : 01 Oct 2018 18:38
 Operator : MJ/SJ
 Sample : J5120-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B28

Quant Time: Oct 02 07:32:49 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	7.72	152	342927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1456255	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.36	164	707820	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1317491	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1303122	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1457724	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	386	0.05	ng/uL	-0.02
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.20	67	236	0.01	ng/ul	0.15
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	10.61	131	1360	0.05	ng/ul	-0.02
44) Dimethylphthalate-d6	13.76	166	3457	0.06	ng/ul	-0.01
47) Acenaphthylene-d8	14.05	160	256	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	11107	1.19	ng/ul	0.02
58) Fluorene-d10	15.35	176	5214	0.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	23395	4.33	ng/ul	-0.02
71) Anthracene-d10	17.20	188	6576	0.10	ng/ul	0.00
79) Pyrene-d10	19.49	212	1635	0.03	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.52	264	1440722	18.95	ng/ul	0.13

Target Compounds

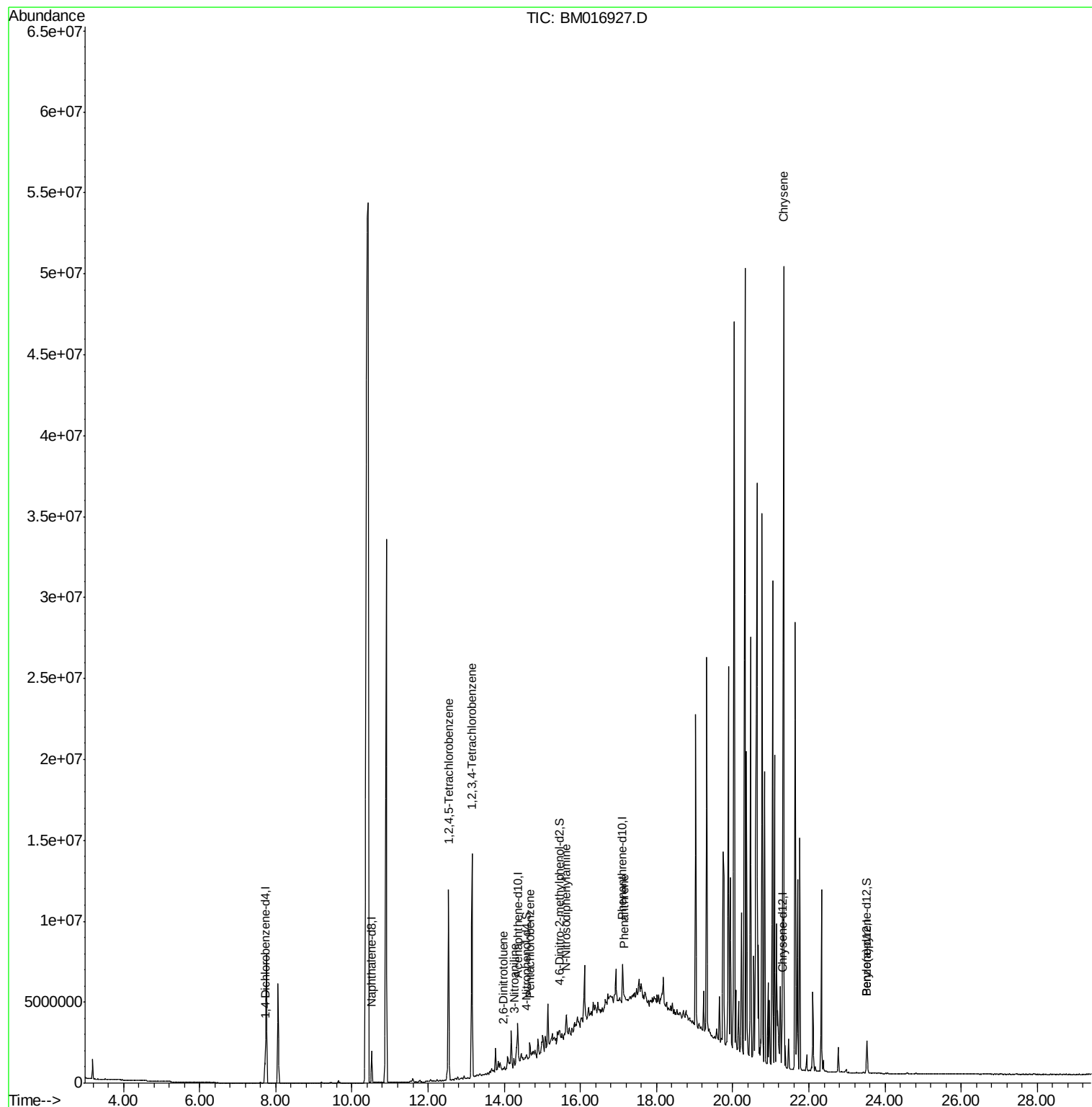
					Qvalue	
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	4087533	168.148	ng/ul#	97
46) 2,6-Dinitrotoluene	13.96	165	14388	1.687	ng/ul#	28
49) 3-Nitroaniline	14.26	138	23150	2.495	ng/ul#	13
65) N-Nitrosodiphenylamine	15.63	169	63309	1.553	ng/ul#	46
70) Phenanthrene	17.14	178	96810	1.323	ng/ul#	49
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	4357109	199.818	ng/uL	99
74) Pentachlorobenzene	14.67	250	157176	7.991	ng/uL	97
85) Chrysene	21.34	228	90044	1.197	ng/ul#	52

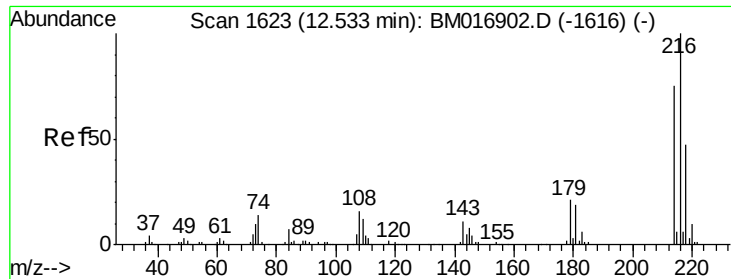
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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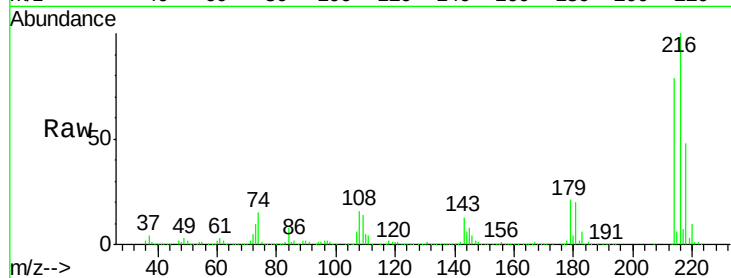




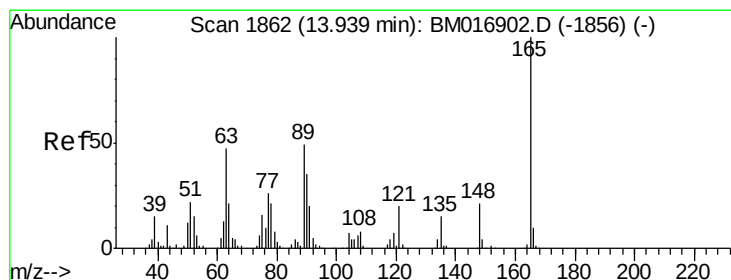
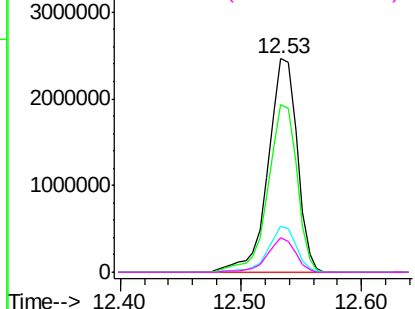
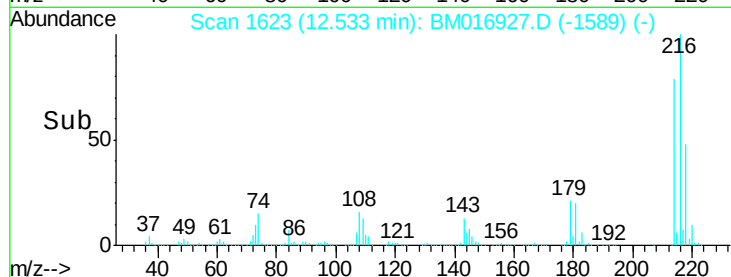
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 168.148 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BM016927.D
 Acq: 01 Oct 2018 18:38

Instrument :
 BNA_M
 ClientSampleId :
 C0B28

Tgt Ion:216 Resp: 4087533
 Ion Ratio Lower Upper
 216 100
 214 78.8 64.1 96.1
 179 21.4 14.5 21.7
 108 16.1 10.4 15.6#

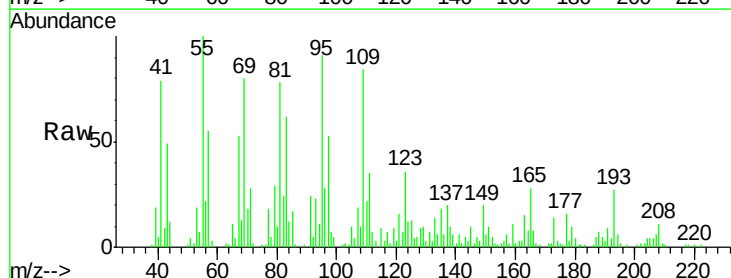


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

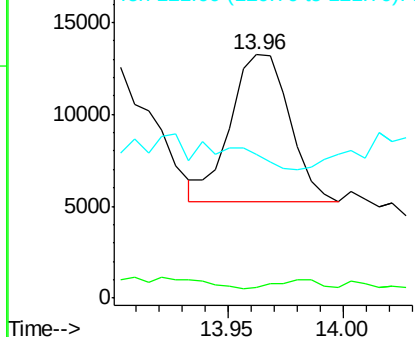
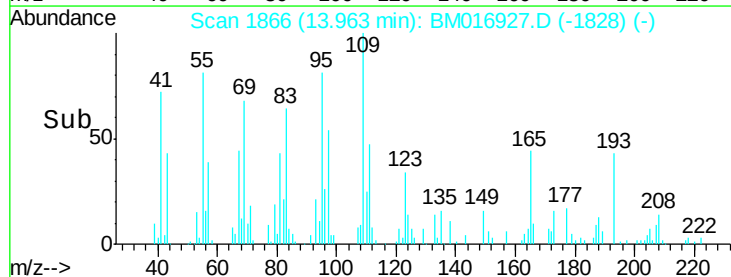


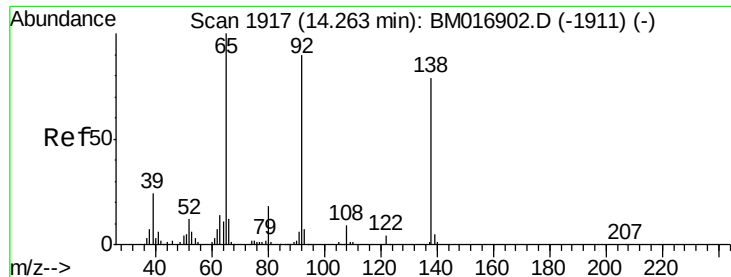
#46
 2,6-Dinitrotoluene
 Concen: 1.687 ng/ul
 RT: 13.96 min Scan# 1866
 Delta R.T. 0.02 min
 Lab File: BM016927.D
 Acq: 01 Oct 2018 18:38

Tgt Ion:165 Resp: 14388
 Ion Ratio Lower Upper
 165 100
 89 4.4 43.8 65.8#
 121 59.3 17.8 26.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM016927.D (-1828) (-)
 Ion 121.00 (120.70 to 121.70): E





#49

3-Nitroaniline

Concen: 2.495 ng/ul

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM016927.D

Acq: 01 Oct 2018 18:38

Instrument :

BNA_M

ClientSampleId :

C0B28

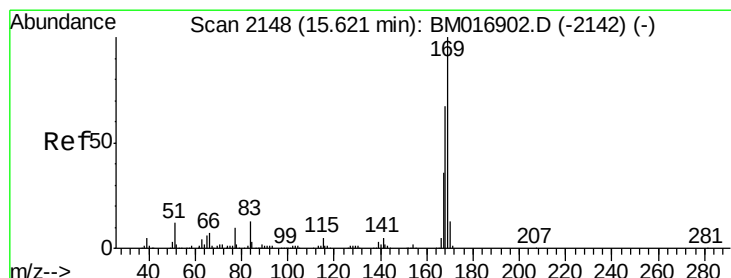
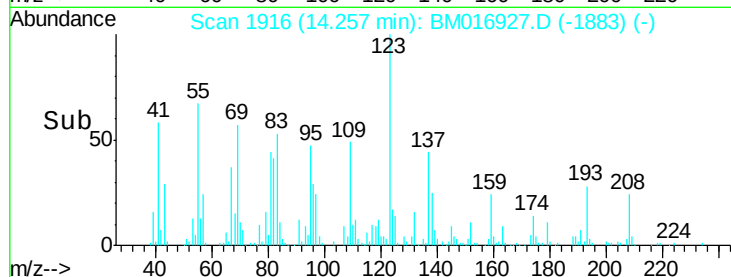
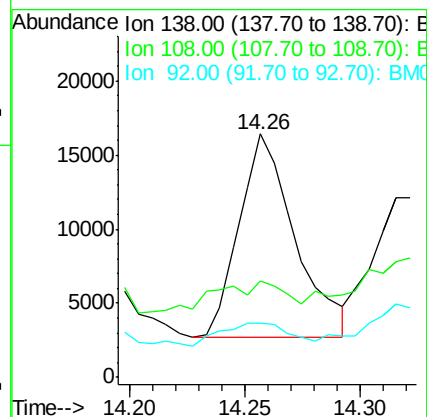
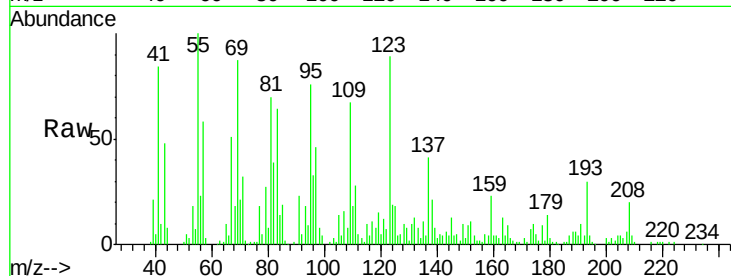
Tgt Ion:138 Resp: 23150

Ion Ratio Lower Upper

138 100

108 39.8 7.6 11.4#

92 22.1 94.2 141.2#



#65

N-Nitrosodiphenylamine

Concen: 1.553 ng/ul

RT: 15.63 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BM016927.D

Acq: 01 Oct 2018 18:38

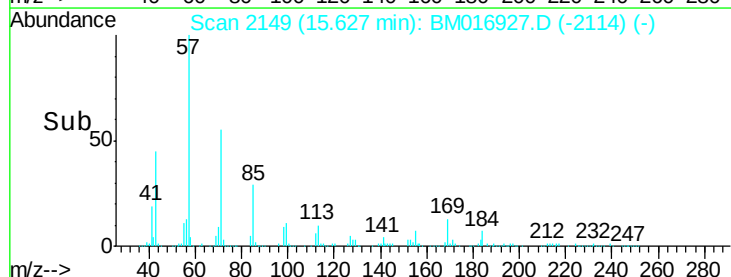
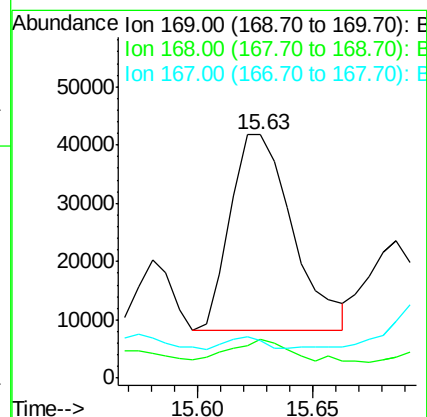
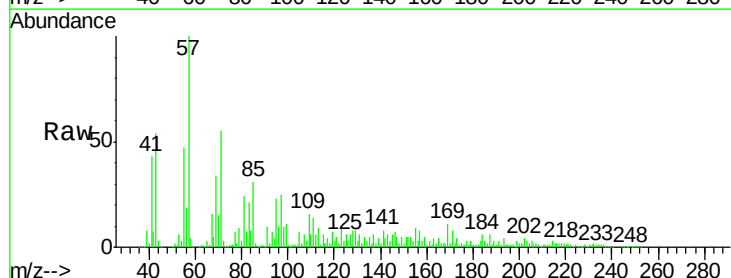
Tgt Ion:169 Resp: 63309

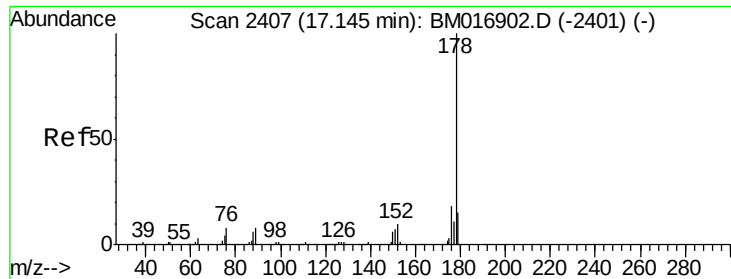
Ion Ratio Lower Upper

169 100

168 15.7 53.8 80.8#

167 15.3 29.5 44.3#





#70

Phenanthrene

Concen: 1.323 ng/ul

RT: 17.14 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BM016927.D

Acq: 01 Oct 2018 18:38

Instrument :

BNA_M

ClientSampleId :

C0B28

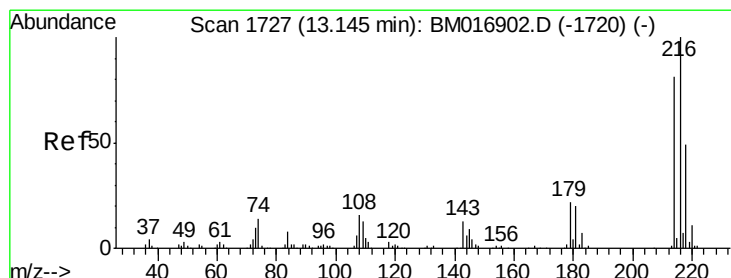
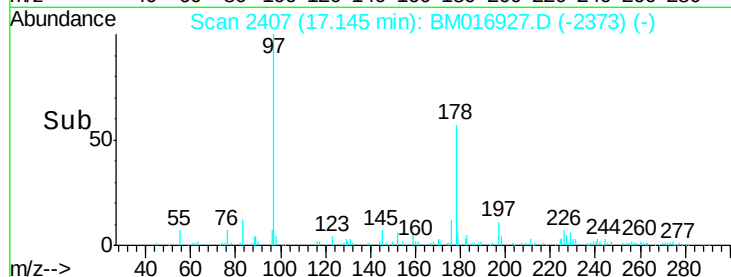
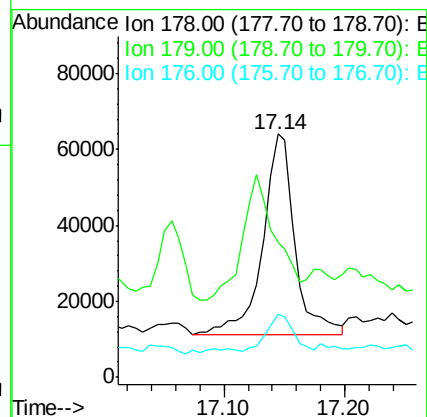
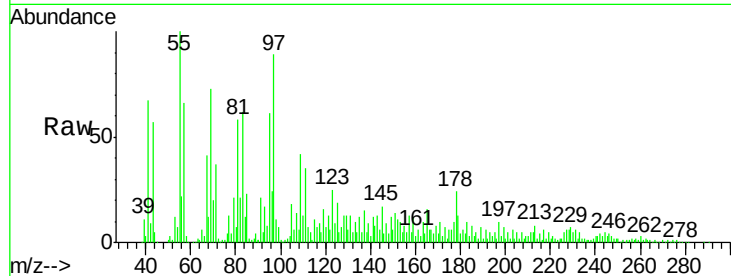
Tgt Ion:178 Resp: 96810

Ion Ratio Lower Upper

178 100

179 55.6 12.3 18.5#

176 25.9 15.4 23.0#



#73

1,2,3,4-Tetrachlorobenzene

Concen: 199.818 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. 0.01 min

Lab File: BM016927.D

Acq: 01 Oct 2018 18:38

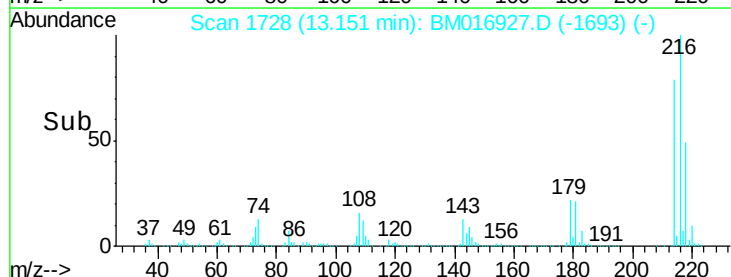
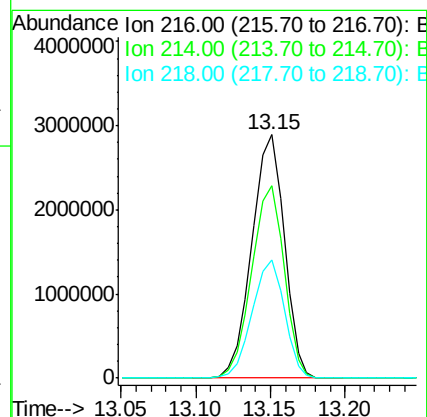
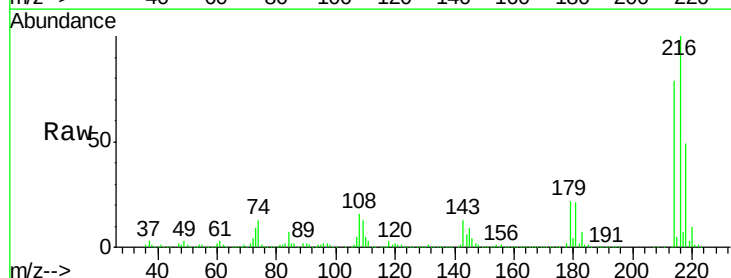
Tgt Ion:216 Resp: 4357109

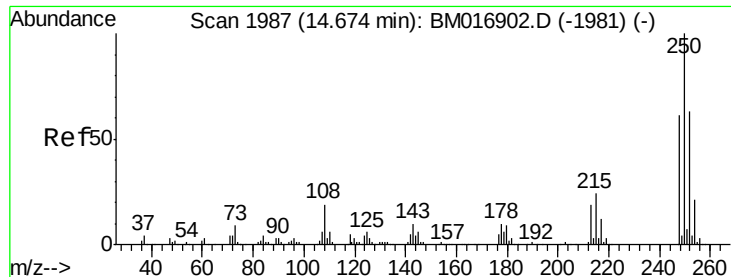
Ion Ratio Lower Upper

216 100

214 79.1 64.1 96.1

218 48.8 39.4 59.0





#74

Pentachlorobenzene

Concen: 7.991 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016927.D

Acq: 01 Oct 2018 18:38

Instrument :

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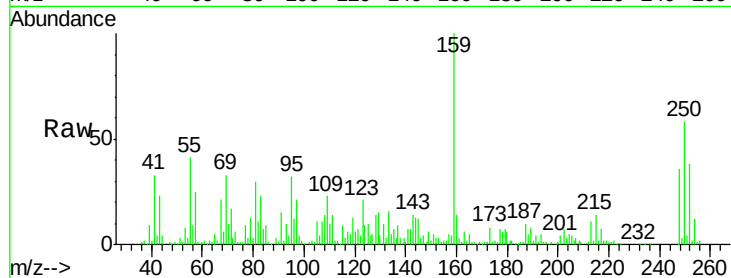
Tgt Ion:250 Resp: 157176

Ion Ratio Lower Upper

250 100

248 62.9 51.4 77.2

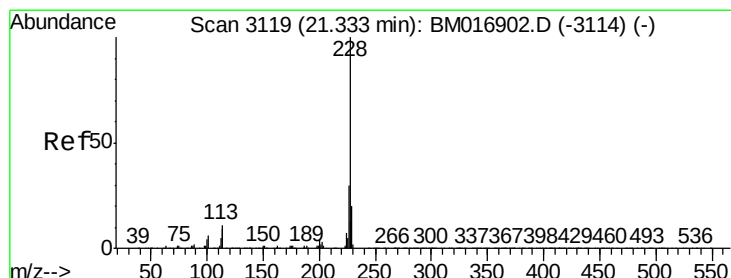
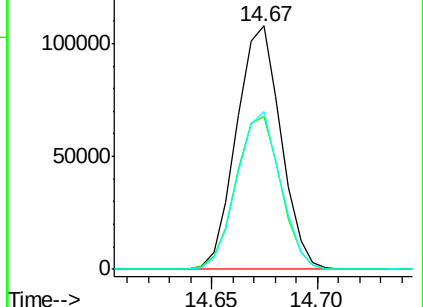
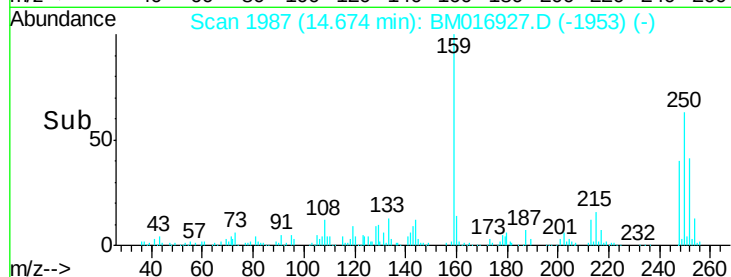
252 65.0 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#85

Chrysene

Concen: 1.197 ng/uL

RT: 21.34 min Scan# 3120

Delta R.T. 0.01 min

Lab File: BM016927.D

Acq: 01 Oct 2018 18:38

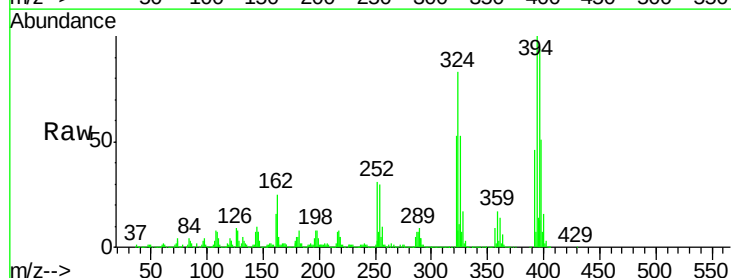
Tgt Ion:228 Resp: 90044

Ion Ratio Lower Upper

228 100

226 39.3 24.1 36.1#

229 63.7 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

