

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
 Data File : BM009375.D
 Acq On : 24 Mar 2017 12:08
 Operator : SJ/MA
 Sample : I2358-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK2

Manual Integrations
 APPROVED

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 3/24/2017 4:10:13 PM

Quant Time: Mar 24 14:30:36 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 24 04:55:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	205106m	20.00	ng/ul	0.06
18) Naphthalene-d8	10.67	136	569601	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	314767	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	702575	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	906656	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	867289	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	21301m	3.96	ng/uL	0.00
5) Phenol-d5	7.02	99	85570	4.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	272124	20.58	ng/ul	0.02
9) 2-Chlorophenol-d4	7.40	132	219634	17.59	ng/ul	0.01
13) 4-Methylphenol-d8	8.56	113	167830	12.12	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	137692	32.88	ng/ul	0.01
22) 2-Nitrophenol-d4	9.75	143	152609	33.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	271885	30.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	13009	1.26	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	869276	39.27	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1071372	38.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	30141	7.39	ng/ul	0.00
57) Fluorene-d10	15.49	176	761922	37.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	132989	29.95	ng/ul	0.00
70) Anthracene-d10	17.34	188	1186215	35.40	ng/ul	0.00
78) Pyrene-d10	19.64	212	1354103	35.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1408734	35.27	ng/ul	0.00

Target Compounds

					Qvalue	
20) Nitrobenzene	9.07	77	1084768	76.85	ng/ul#	83
23) 2-Nitrophenol	9.77	139	88088	18.34	ng/ul#	63
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	436109	41.24	ng/ul	98
52) 4-Nitrophenol	14.70	109	14191	2.97	ng/ul#	70
72) 1,2,3,4-Tetrachlorobenzene	13.30	216	1456848	141.04	ng/uL	99
73) Pentachlorobenzene	14.81	250	20088	1.97	ng/uL	93

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

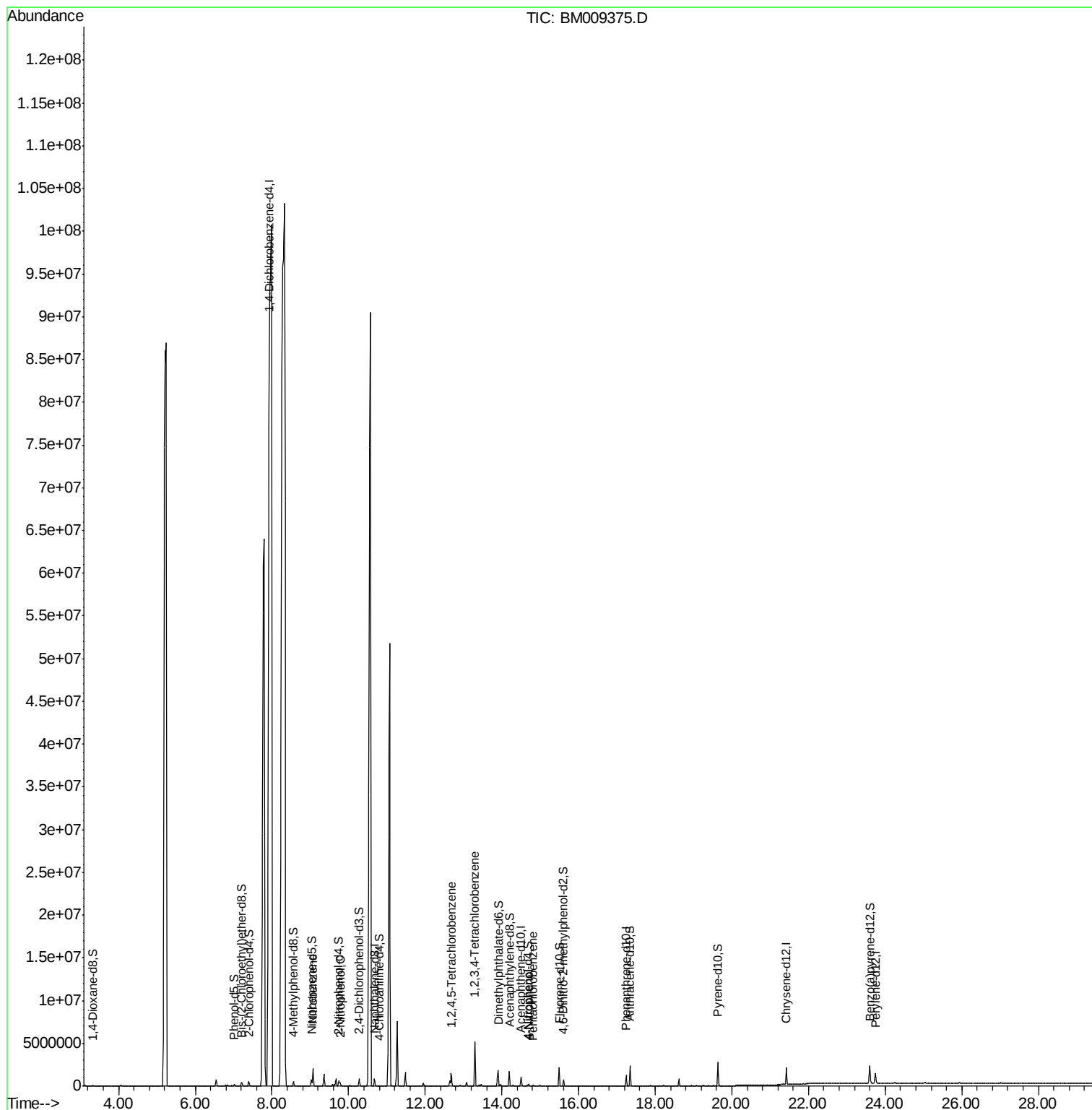
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
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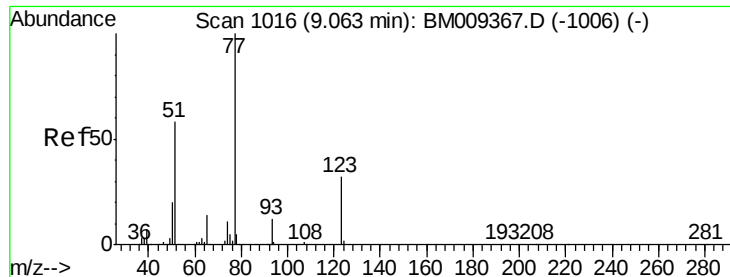
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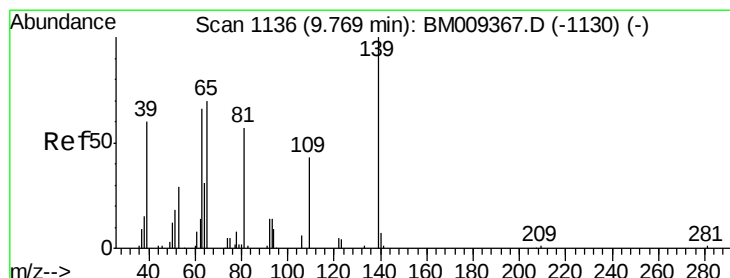
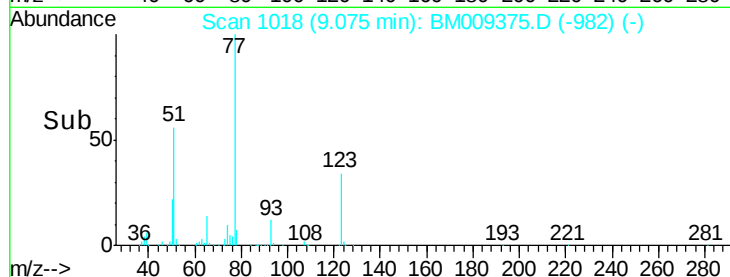
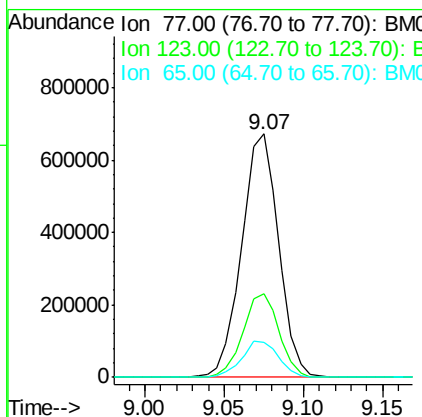
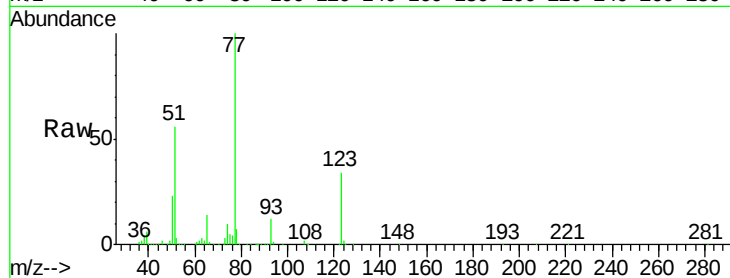
#20
Nitrobenzene
Concen: 76.85 ng/ul
RT: 9.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BM009375.D
Acq: 24 Mar 2017 12:08

Instrument :
BNA_M
ClientSampleId :
C0BK2

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.2	39.0	58.4#
65	14.1	10.4	15.6

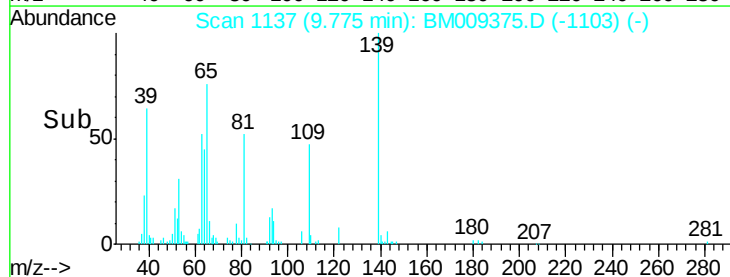
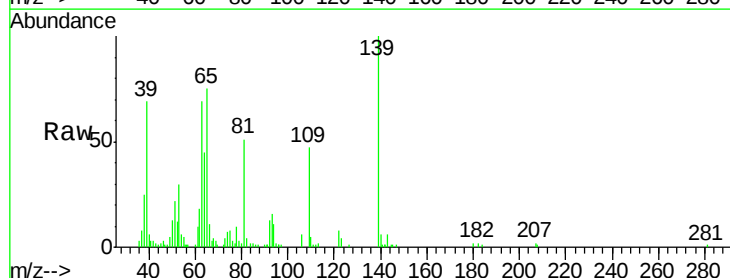
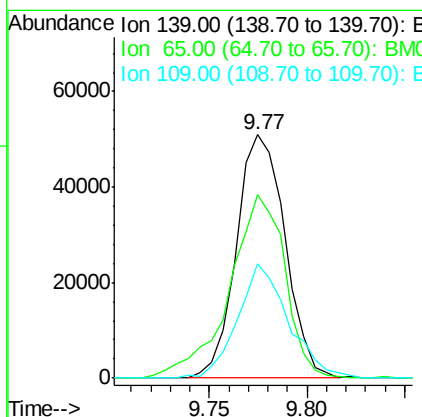
Manual Integrations
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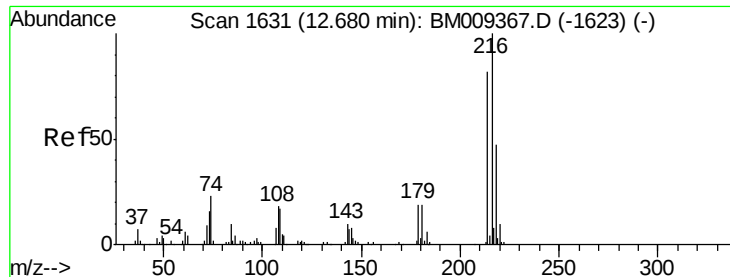
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#23
2-Nitrophenol
Concen: 18.34 ng/ul
RT: 9.77 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BM009375.D
Acq: 24 Mar 2017 12:08

Tgt Ion	Ratio	Lower	Upper
139	100		
65	75.4	36.3	54.5#
109	46.8	26.4	39.6#





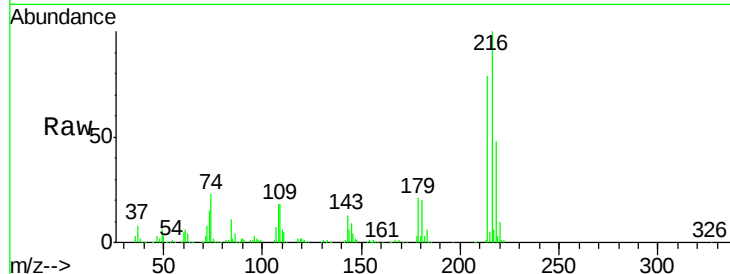
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.24 ng/ul
 RT: 12.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BM009375.D
 Acq: 24 Mar 2017 12:08

Instrument :
 BNA_M
 ClientSampleId :
 C0BK2

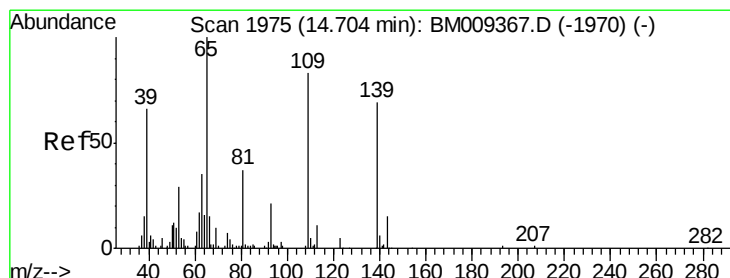
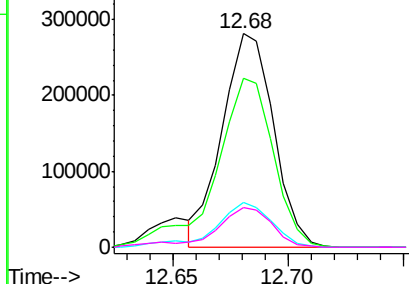
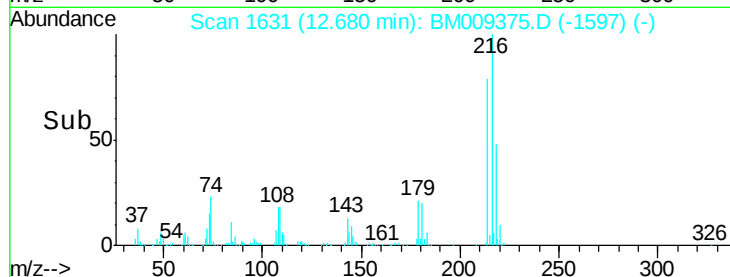
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	436109		
214	79.3	62.5	93.7	
179	20.9	18.2	27.2	
108	18.4	14.2	21.2	

Manual Integrations
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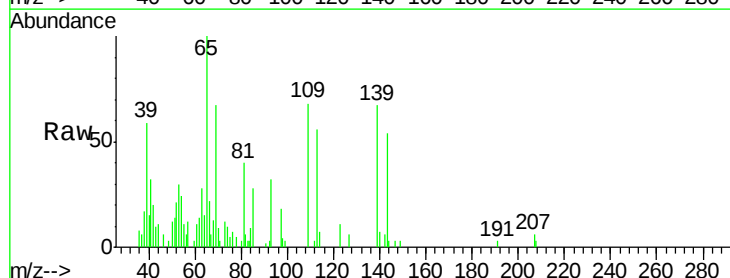


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

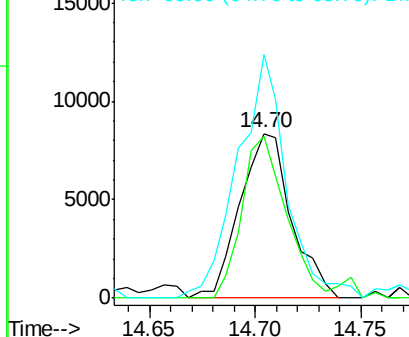
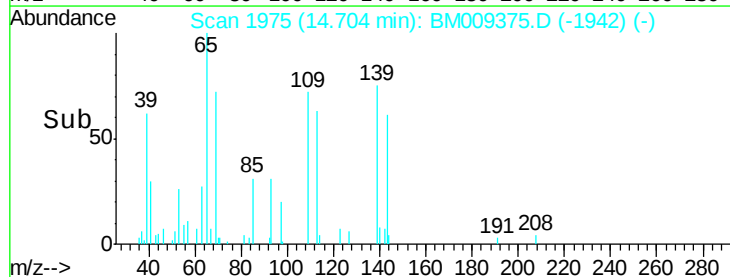


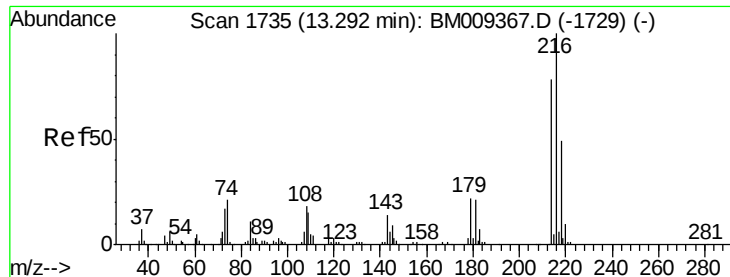
#52
 4-Nitrophenol
 Concen: 2.97 ng/ul
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BM009375.D
 Acq: 24 Mar 2017 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	14191		
139	98.6	103.7	155.5#	
65	148.0	89.4	134.2#	



Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM0





#72

1,2,3,4-Tetrachlorobenzene

Concen: 141.04 ng/uL

RT: 13.30 min Scan# 1736

Delta R.T. 0.01 min

Lab File: BM009375.D

Acq: 24 Mar 2017 12:08

Instrument :

BNA_M

ClientSampled :

C0BK2

Tgt Ion:216 Resp: 1456848

Ion Ratio Lower Upper

216 100

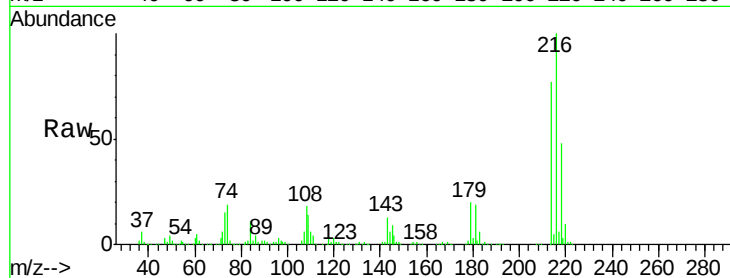
214 76.5 62.5 93.7

218 47.9 38.4 57.6

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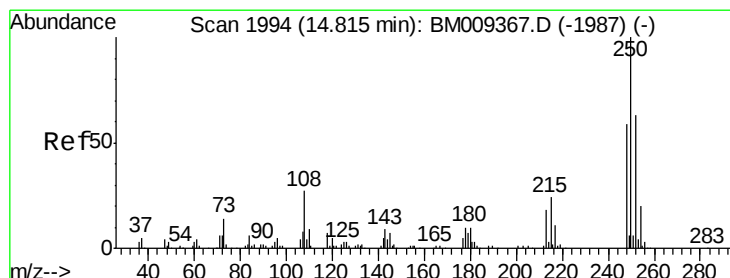
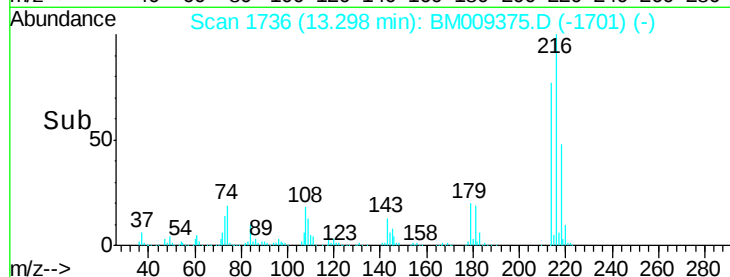
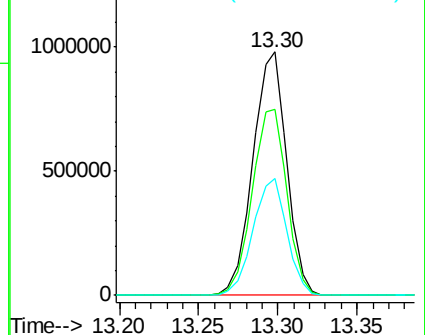
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Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 1.97 ng/uL

RT: 14.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM009375.D

Acq: 24 Mar 2017 12:08

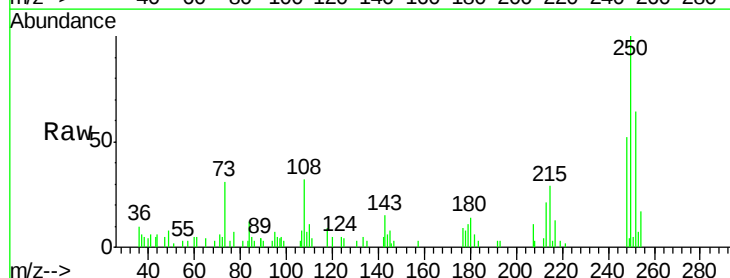
Tgt Ion:250 Resp: 20088

Ion Ratio Lower Upper

250 100

248 52.4 50.6 75.8

252 63.8 51.4 77.0



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

