

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009231.D
 Acq On : 13 Mar 2017 23:09
 Operator : SJ/MA
 Sample : I2181-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ1

Manual Integrations
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 3/15/2017 4:04:37 PM

Quant Time: Mar 14 05:12:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 14 04:57:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	134769	20.00	ng/ul	0.02
18) Naphthalene-d8	10.69	136	511789	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	353941	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	922374	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1330787	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1332639	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.35	96	15093	4.93	ng/uL	0.00
5) Phenol-d5	7.03	99	64414	4.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	249060	26.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	177187	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	125688	10.81	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	127822	34.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	135027	33.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	243679	28.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	20541	1.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	1008938	37.53	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	1164975	37.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	25351	4.75	ng/ul	0.00
57) Fluorene-d10	15.51	176	920176	38.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	158178	28.66	ng/ul	0.00
70) Anthracene-d10	17.36	188	1566789m	35.89	ng/ul	0.00
78) Pyrene-d10	19.66	212	1959628	36.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2180126	35.76	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Nitrobenzene	9.09	77	423879	34.78	ng/ul#	79
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	568790	53.43	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	916729	84.60	ng/uL	99
73) Pentachlorobenzene	14.84	250	37975	3.26	ng/uL	97

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

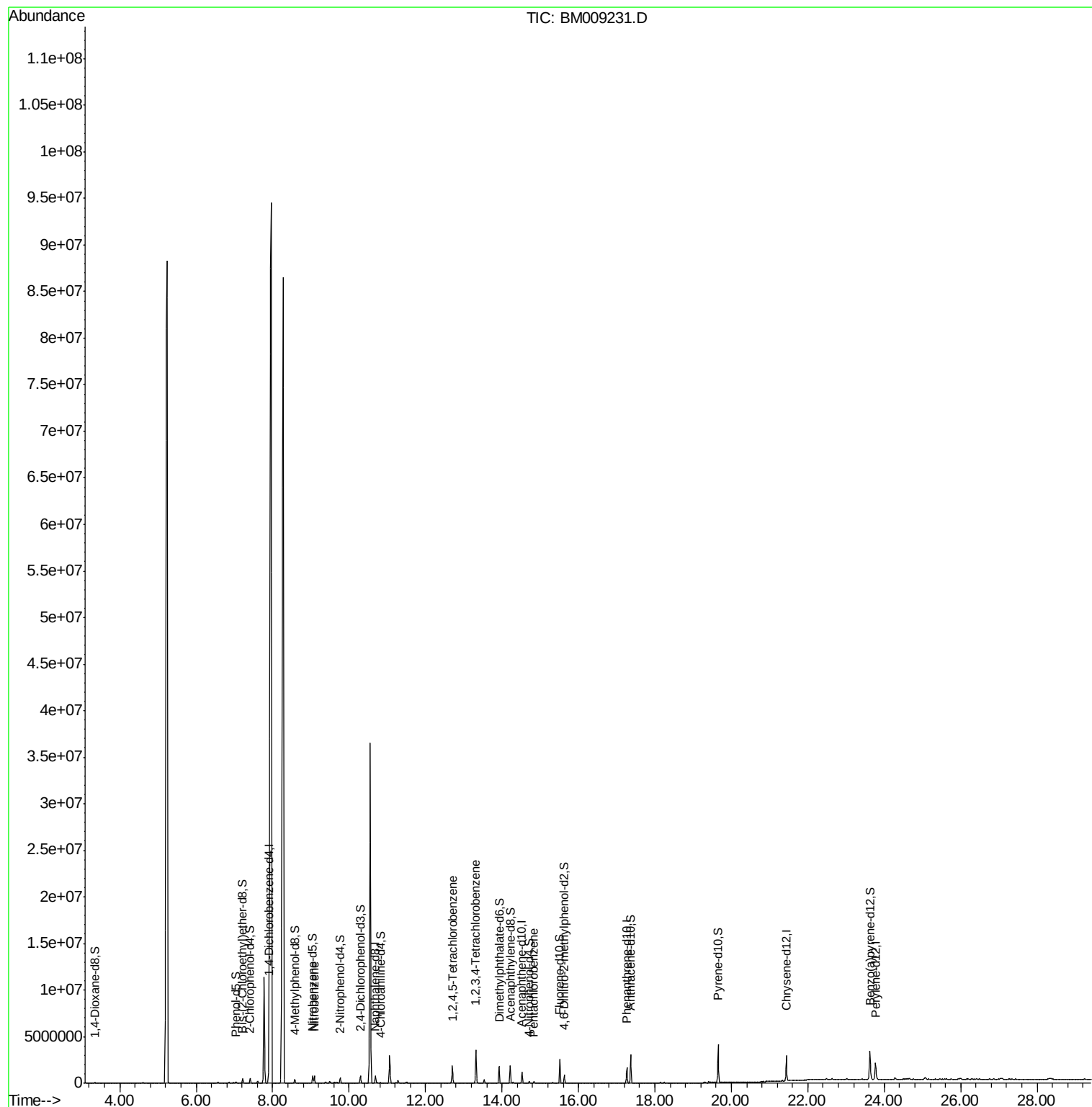
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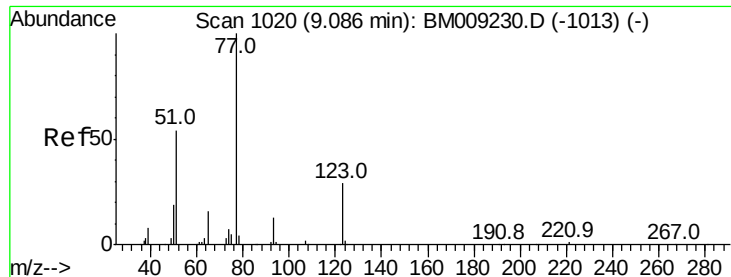
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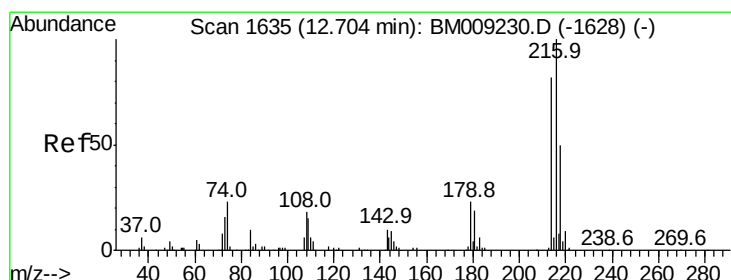
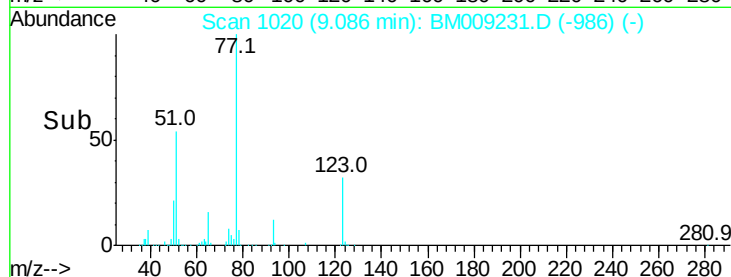
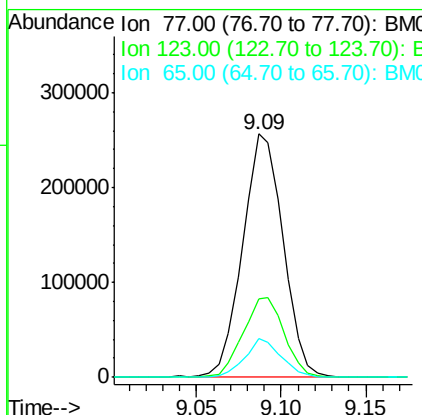
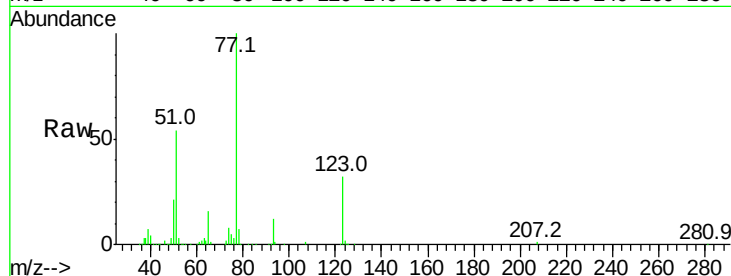
#20
Nitrobenzene
Concen: 34.78 ng/ul
RT: 9.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BM009231.D
Acq: 13 Mar 2017 23:09

Instrument :
BNA_M
ClientSampleId :
C0BJ1

Tot Ion	Ratio	Lower	Upper
77	100		
123	32.0	39.0	58.4#
65	15.9	10.4	15.6#

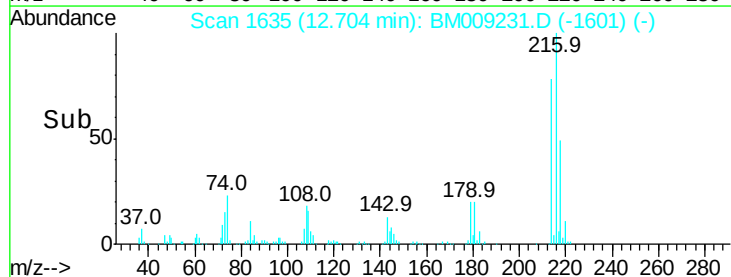
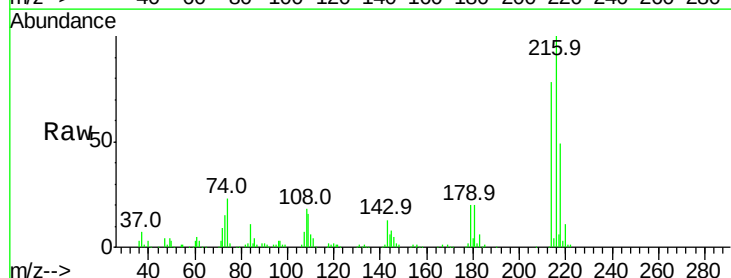
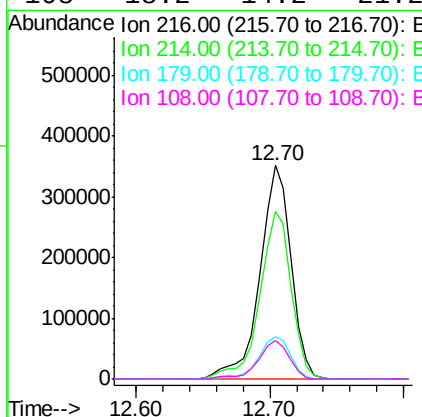
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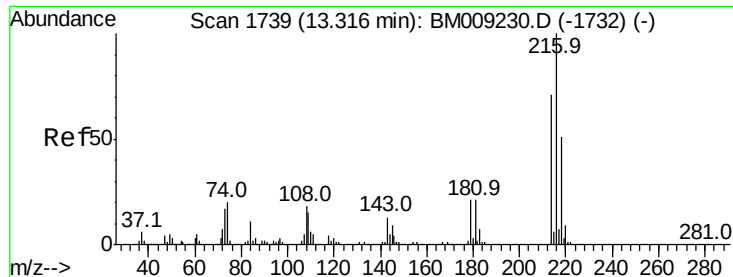
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 53.43 ng/ul
RT: 12.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BM009231.D
Acq: 13 Mar 2017 23:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.5	93.7
179	20.1	18.2	27.2
108	18.2	14.2	21.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 84.60 ng/uL

RT: 13.32 min Scan# 1739

Delta R.T. 0.00 min

Lab File: BM009231.D

Acq: 13 Mar 2017 23:09

Instrument :

BNA_M

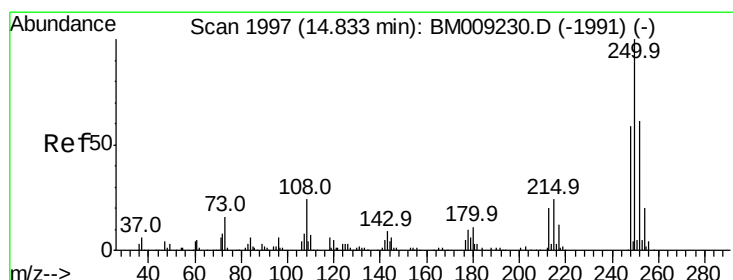
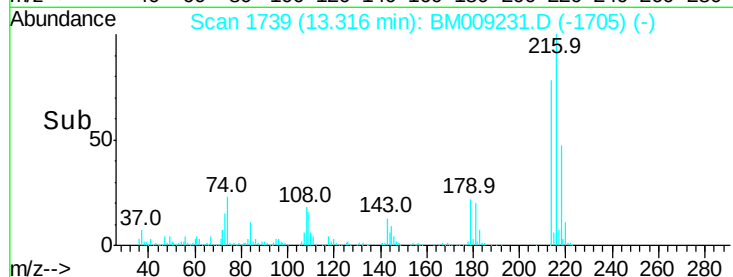
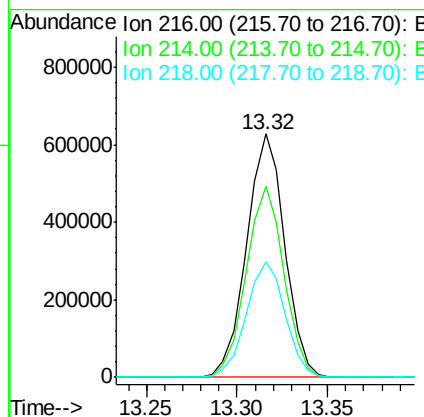
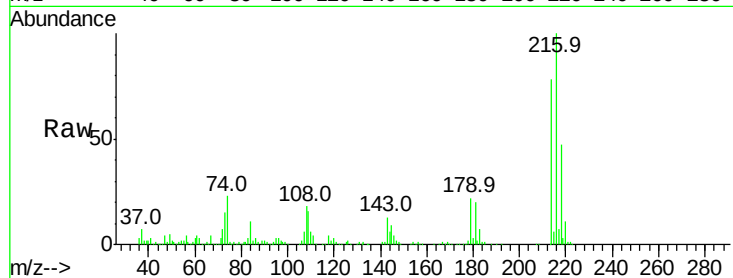
ClientSampleId :

C0BJ1

Tot Ion:	216	Resp:	916729
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.5	93.7
218	47.4	38.4	57.6

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#73

Pentachlorobenzene

Concen: 3.26 ng/uL

RT: 14.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BM009231.D

Acq: 13 Mar 2017 23:09

Tgt Ion:	250	Resp:	37975
Ion Ratio	Lower	Upper	
250	100		
248	60.1	50.6	75.8
252	66.4	51.4	77.0

