

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032817\
 Data File : BM009425.D
 Acq On : 27 Mar 2017 22:46
 Operator : SJ/MA
 Sample : I2358-05DL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ4DL

Manual Integrations
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 3/28/2017 12:49:48 PM

Quant Time: Mar 28 06:44:01 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 28 02:24:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	130595	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	503218	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	259388	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	620739	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	826475	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	793288	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.01	99	3158	0.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	13769	1.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	8157	1.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	6166	0.70	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	6078	1.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	5507	1.37	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.27	165	10515	1.33	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.90	166	36890	2.02	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	40436	1.77	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.49	176	36844	2.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	3521m	0.90	ng/ul	0.00
70) Anthracene-d10	17.34	188	49593	1.68	ng/ul	0.00
78) Pyrene-d10	19.63	212	64562	1.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	67619	1.85	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Nitrobenzene	9.06	77	421561	33.80	ng/ul#	81
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	24083	2.76	ng/ul#	82
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	54820	6.01	ng/uL	92

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

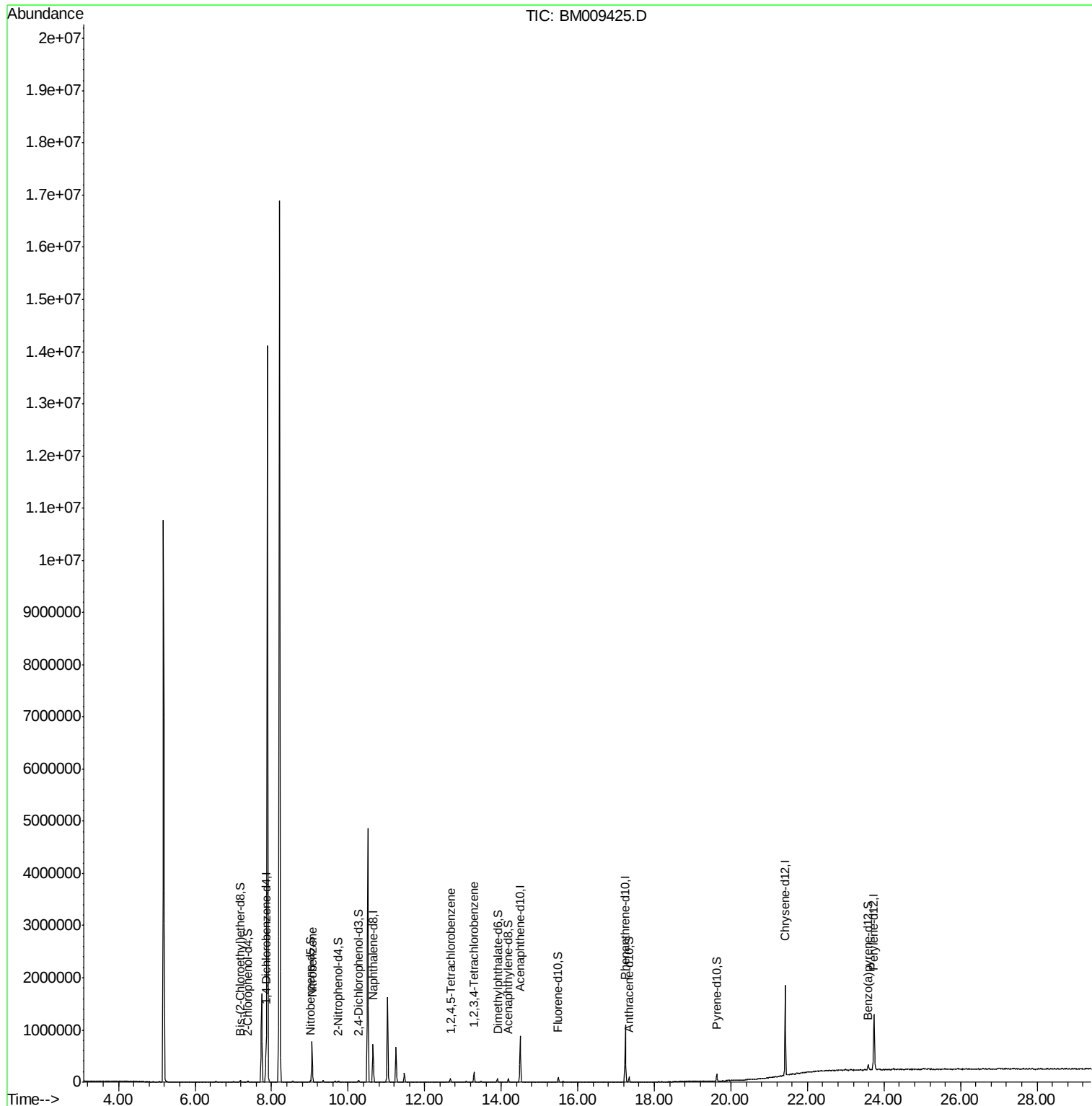
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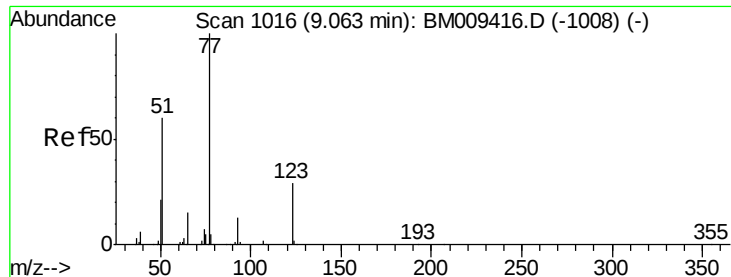
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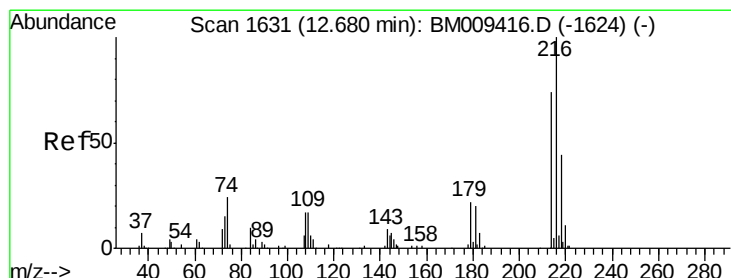
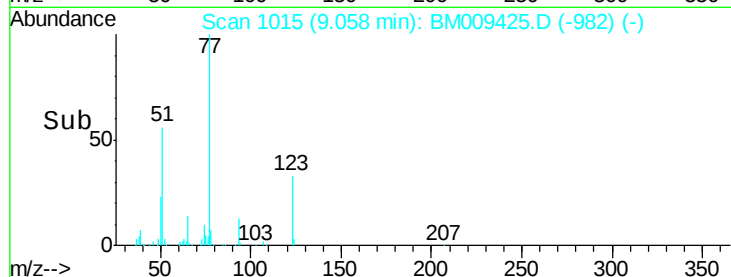
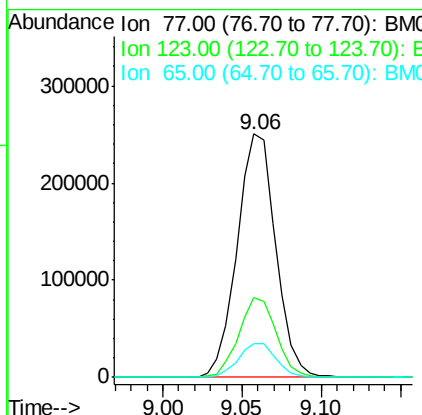
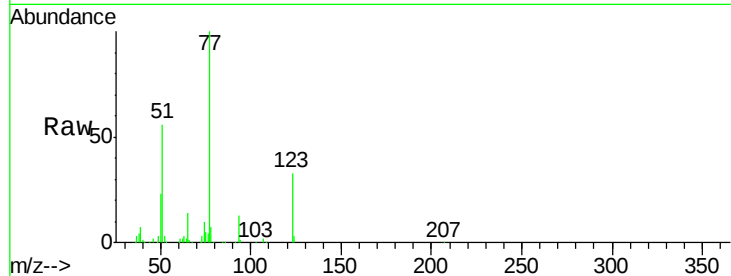
#20
Nitrobenzene
Concen: 33.80 ng/ul
RT: 9.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BM009425.D
Acq: 27 Mar 2017 22:46

Instrument :
BNA_M
ClientSampleId :
C0BJ4DL

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.8	39.0	58.4#
65	13.6	10.4	15.6

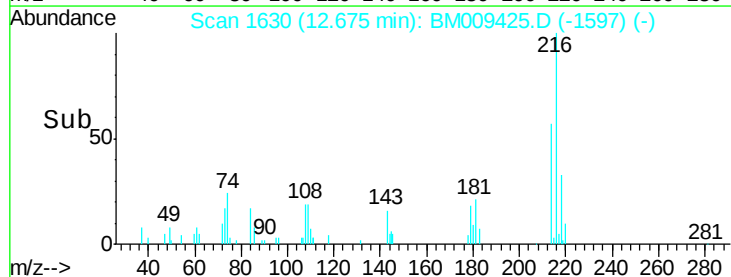
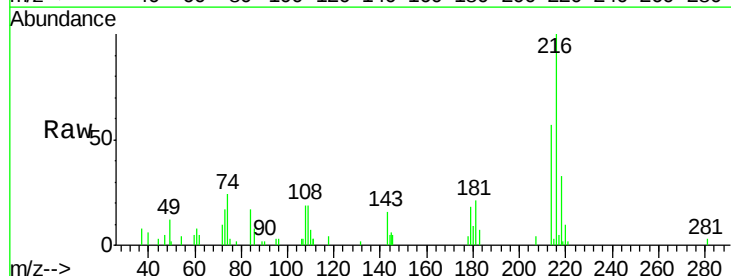
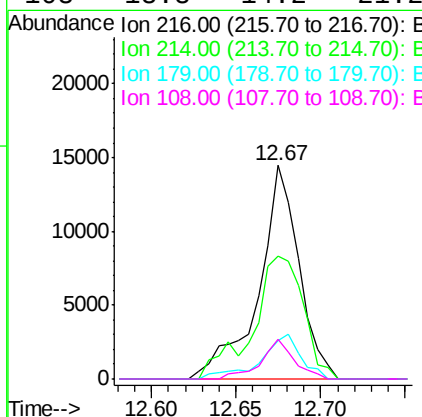
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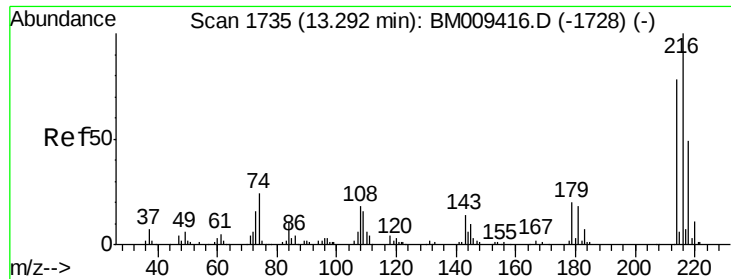
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.76 ng/ul
RT: 12.67 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM009425.D
Acq: 27 Mar 2017 22:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	57.3	62.5	93.7#
179	18.2	18.2	27.2
108	18.8	14.2	21.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 6.01 ng/uL

RT: 13.29 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM009425.D

Acq: 27 Mar 2017 22:46

Instrument :

BNA_M

ClientSampleId :

C0BJ4DL

Tgt Ion:	216	Resp:	54820
Ion Ratio		Lower	Upper
216	100		
214	67.8	62.5	93.7
218	49.5	38.4	57.6

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