

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
 Data File : BM009404.D
 Acq On : 25 Mar 2017 05:37
 Operator : SJ/MA
 Sample : I2358-08DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK4DL

Manual Integrations
 APPROVED

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Quant Time: Mar 25 06:48:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 25 01:48:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	184589m	20.00	ng/ul	0.01
18) Naphthalene-d8	10.66	136	644171	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	351637	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	776568m	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1025818	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	992525	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	5030	1.04	ng/uL	0.00
5) Phenol-d5	7.01	99	21991	1.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	68511	5.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	50944	4.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	36581	2.94	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	29330	6.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	31021	6.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	56300	5.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	2833	0.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	190476	7.70	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	225795	7.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	4418	0.97	ng/ul	0.00
57) Fluorene-d10	15.49	176	172872	7.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	20287	4.13	ng/ul	0.00
70) Anthracene-d10	17.34	188	271338	7.33	ng/ul	0.00
78) Pyrene-d10	19.63	212	322334	7.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	326787	7.15	ng/ul	0.00

Target Compounds

						Ovalue
20) Nitrobenzene	9.06	77	533160	33.40	ng/ul#	84
23) 2-Nitrophenol	9.76	139	6401	1.18	ng/ul#	34
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	92185	7.80	ng/ul	91
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	328553	28.78	ng/uL	99

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

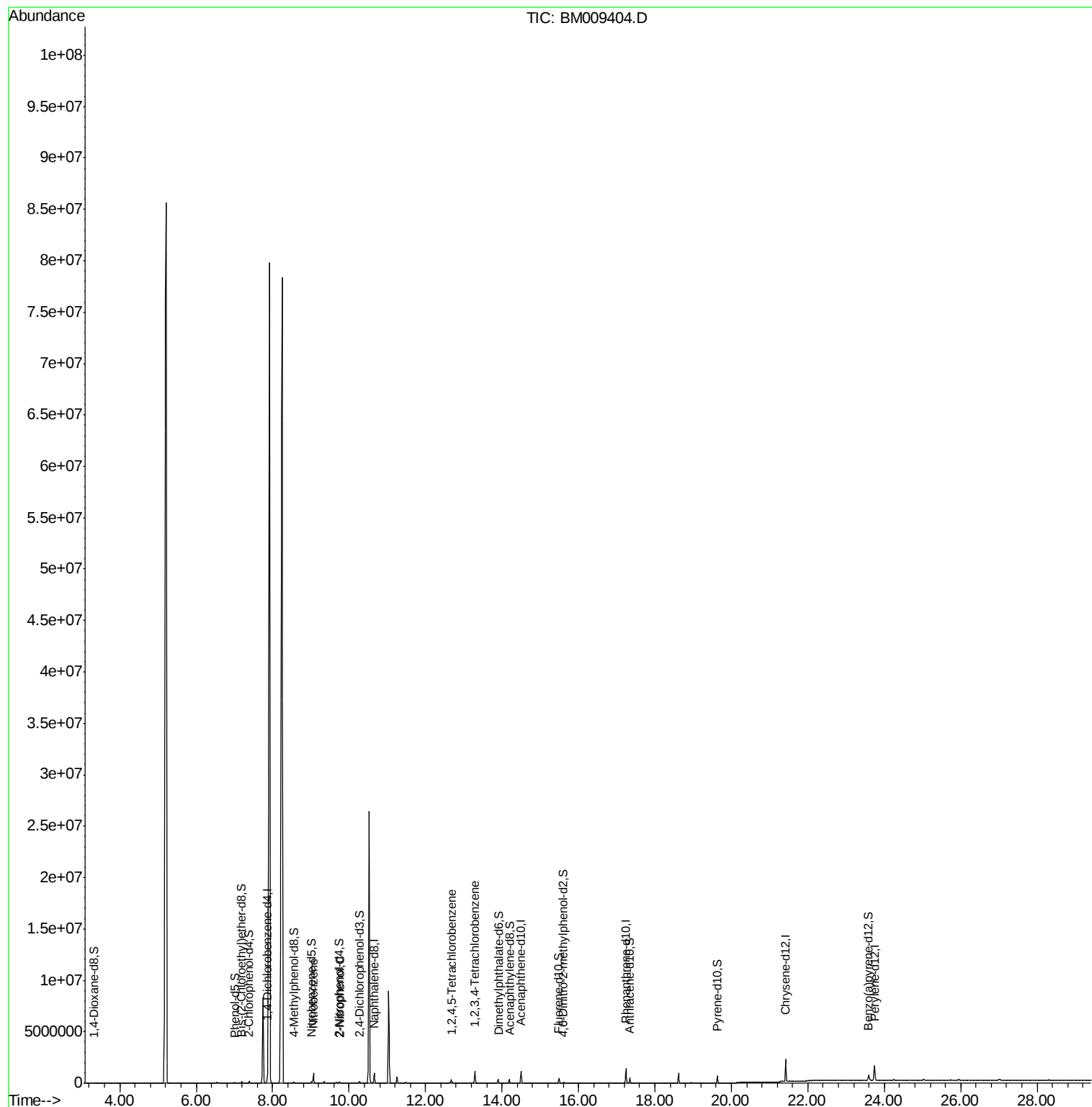
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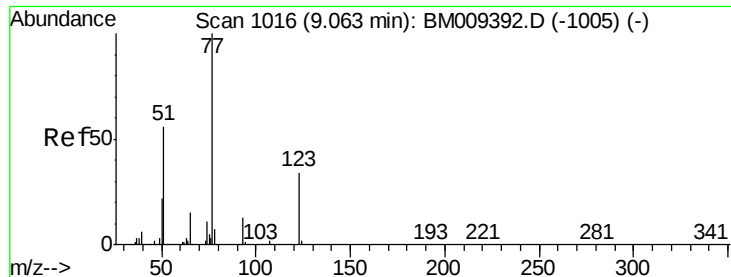
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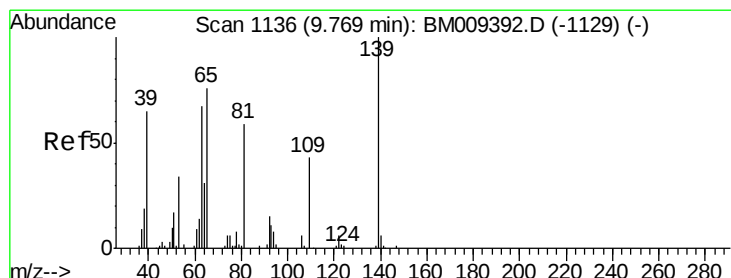
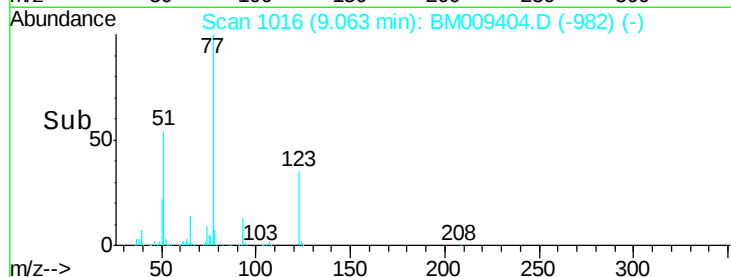
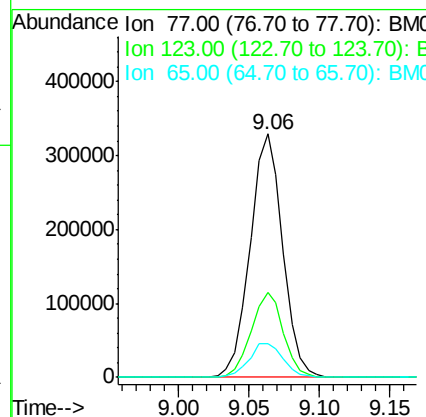
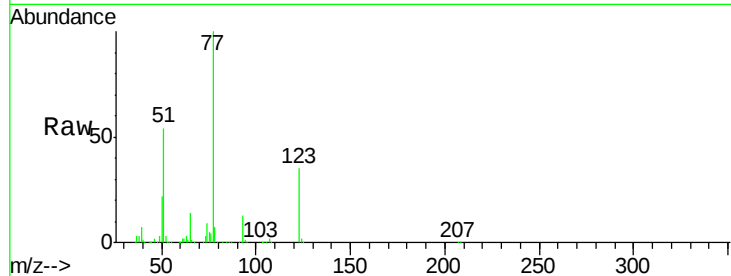
#20
Nitrobenzene
Concen: 33.40 ng/ul
RT: 9.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BM009404.D
Acq: 25 Mar 2017 05:37

Instrument :
BNA_M
ClientSampleId :
C0BK4DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	35.1	39.0	58.4#
65	13.8	10.4	15.6

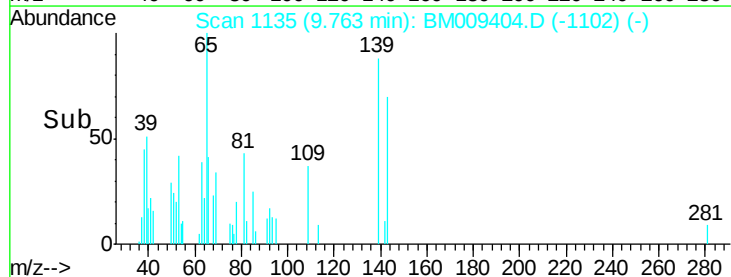
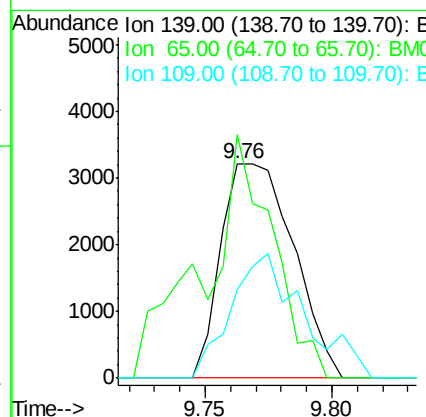
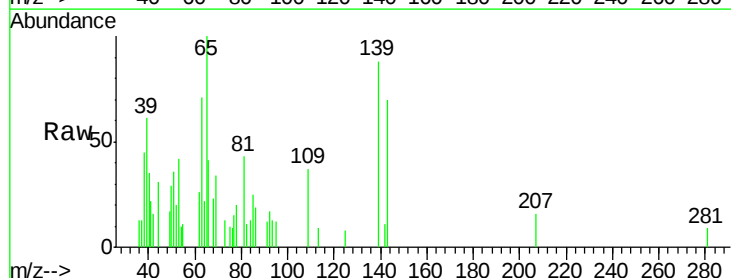
Manual Integrations
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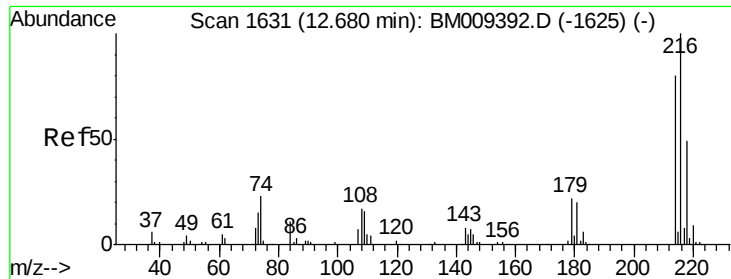
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#23
2-Nitrophenol
Concen: 1.18 ng/ul
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BM009404.D
Acq: 25 Mar 2017 05:37

Tgt Ion	Ratio	Lower	Upper
139	100		
65	113.3	36.3	54.5#
109	41.5	26.4	39.6#





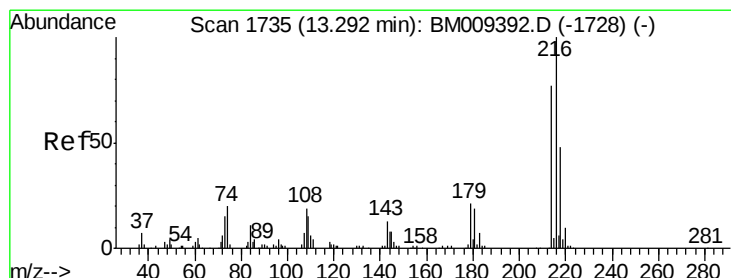
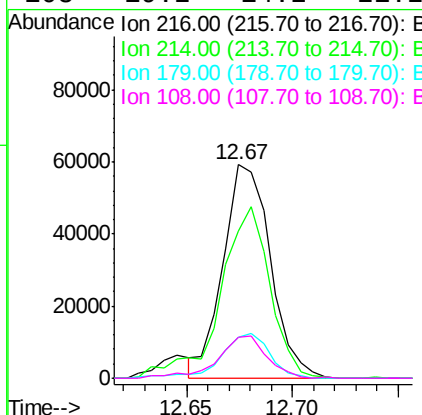
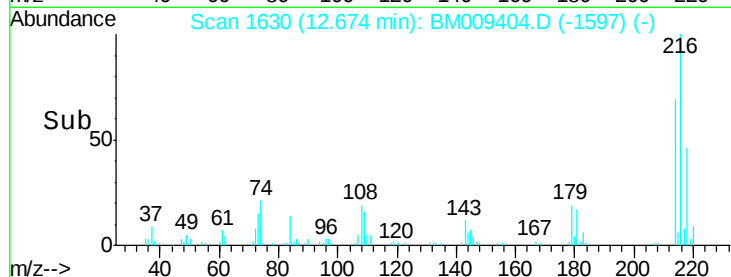
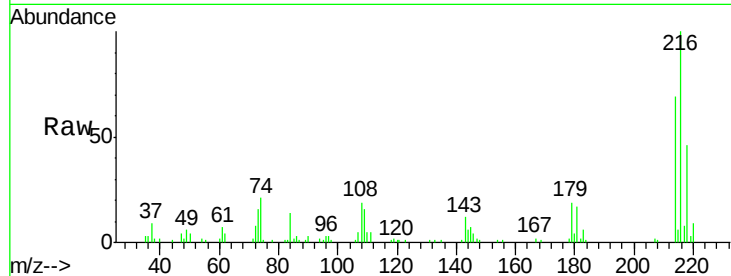
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.80 ng/ul
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009404.D
 Acq: 25 Mar 2017 05:37

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		92185		
214	68.7		62.5	93.7	
179	18.9		18.2	27.2	
108	19.2		14.2	21.2	

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#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 28.78 ng/uL
 RT: 13.29 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BM009404.D
 Acq: 25 Mar 2017 05:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		328553		
214	77.0		62.5	93.7	
218	46.8		38.4	57.6	

