

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
 Data File : BM009405.D
 Acq On : 25 Mar 2017 06:13
 Operator : SJ/MA
 Sample : I2358-09DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK2DL

Manual Integrations
 APPROVED

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 3/27/2017 1:18:20 PM

Quant Time: Mar 27 04:12:15 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	7.87	152	192117m	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	659057	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	356600	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	802907	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1040794	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1006688	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	5774	1.15	ng/uL	0.00
5) Phenol-d5	7.01	99	20395	1.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	69159	5.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	51825	4.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	39135	3.02	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	30412	6.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	31209	5.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	59910	5.80	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.90	166	200074	7.98	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	242203	7.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	4194m	0.91	ng/ul	0.00
57) Fluorene-d10	15.49	176	178765	7.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	22846	4.50	ng/ul	0.00
70) Anthracene-d10	17.34	188	264431	6.91	ng/ul	0.00
78) Pyrene-d10	19.63	212	308877	7.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	319673	6.90	ng/ul	0.00

Target Compounds

					Ovalue	
20) Nitrobenzene	9.06	77	253130	15.50	ng/ul#	82
23) 2-Nitrophenol	9.77	139	18842	3.39	ng/ul#	66
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	108016	9.02	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	347451	29.43	ng/uL	98

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

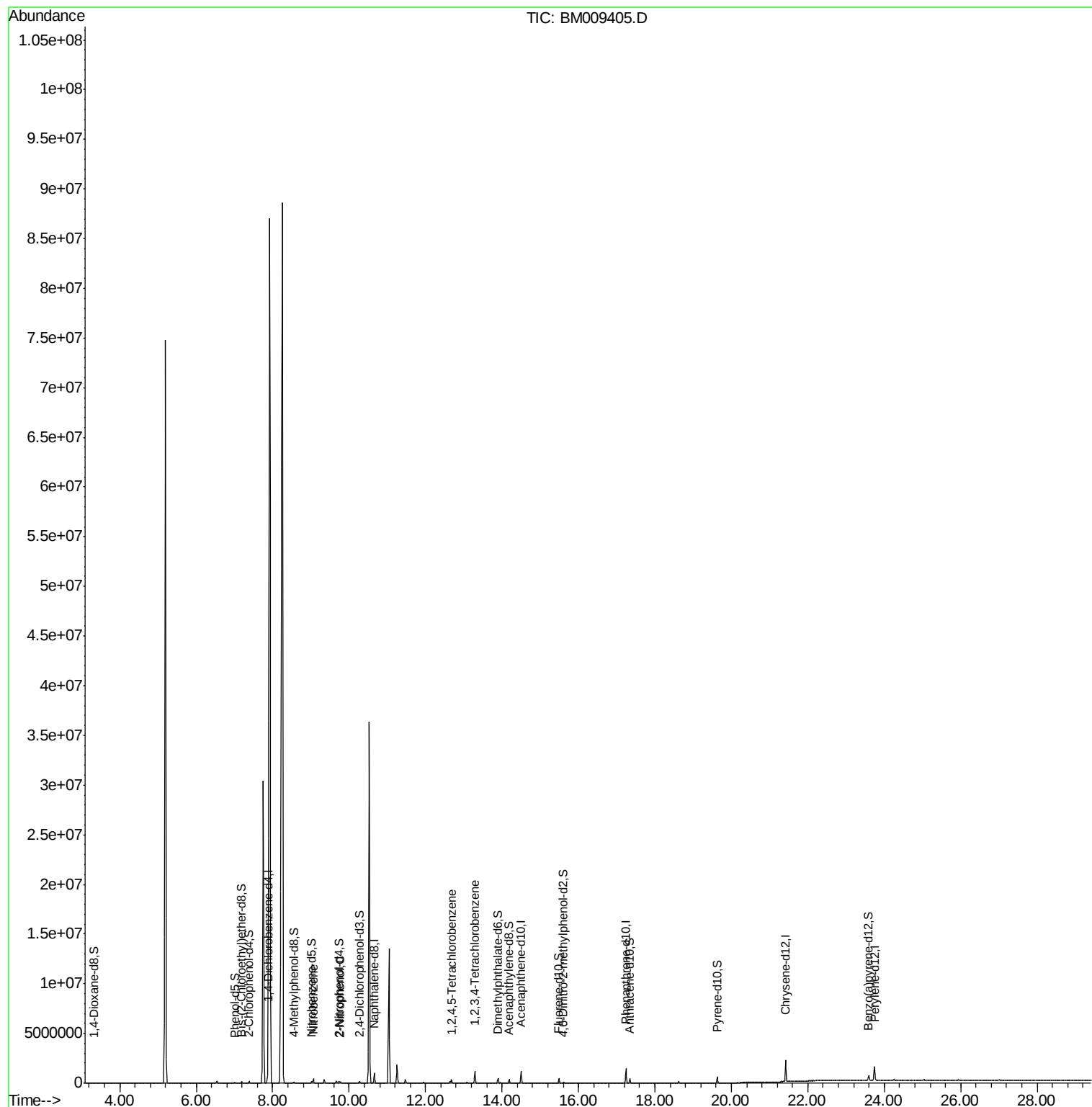
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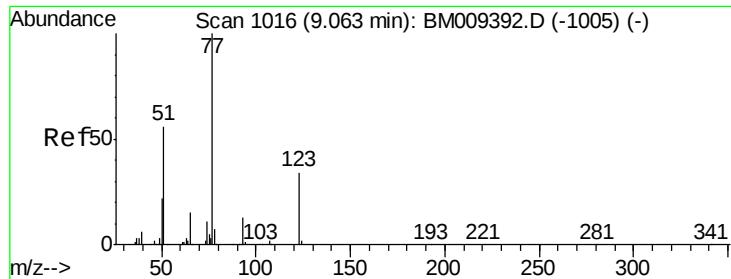
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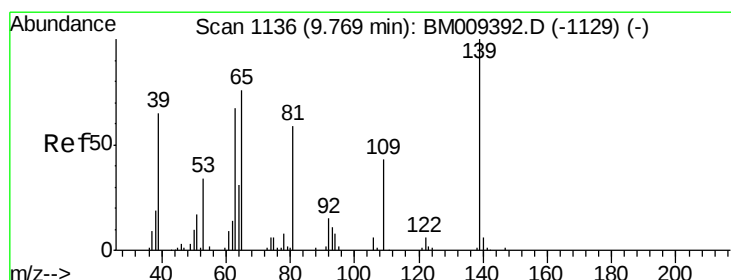
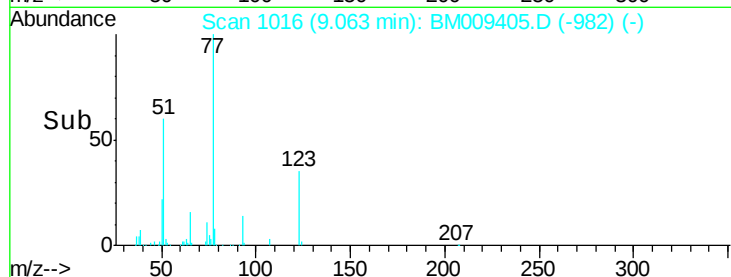
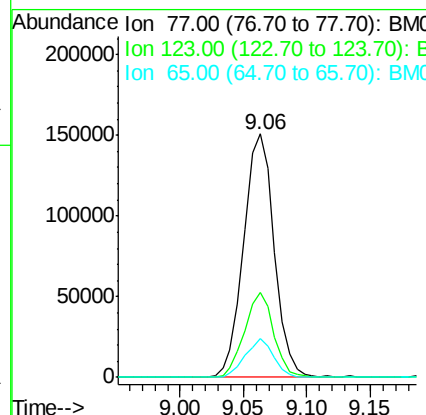
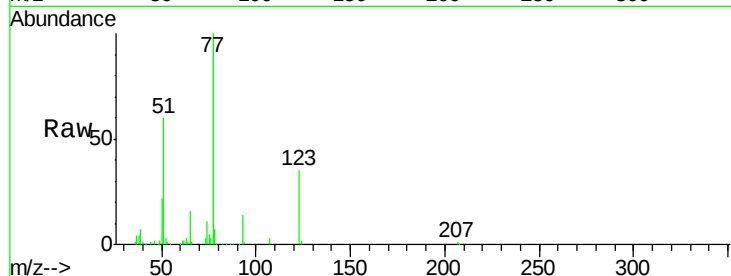
#20
Nitrobenzene
Concen: 15.50 ng/ul
RT: 9.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BM009405.D
Acq: 25 Mar 2017 06:13

Instrument :
BNA_M
ClientSampleId :
C0BK2DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	34.9	39.0	58.4#
65	15.9	10.4	15.6#

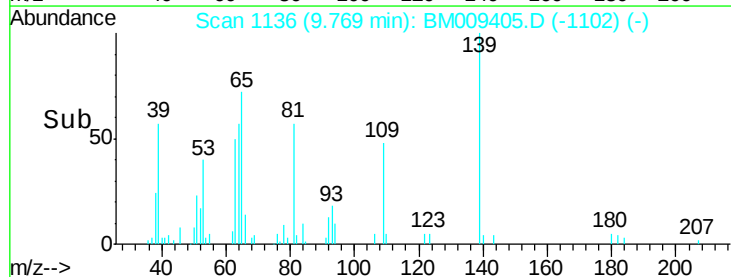
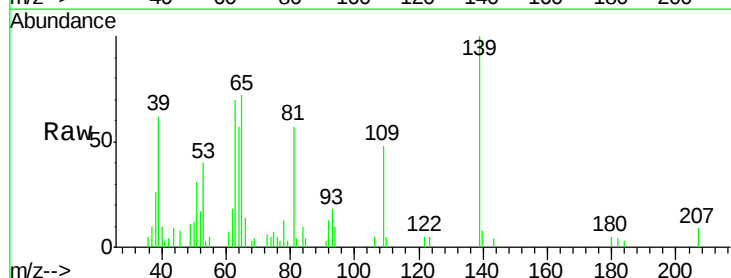
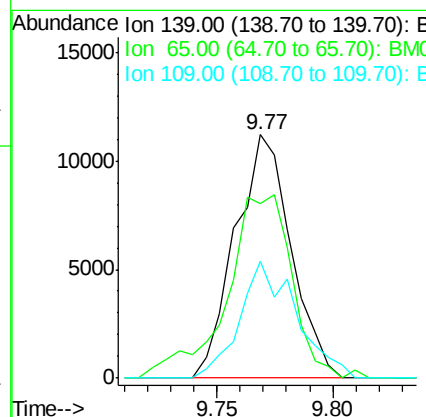
Manual Integrations
APPROVED

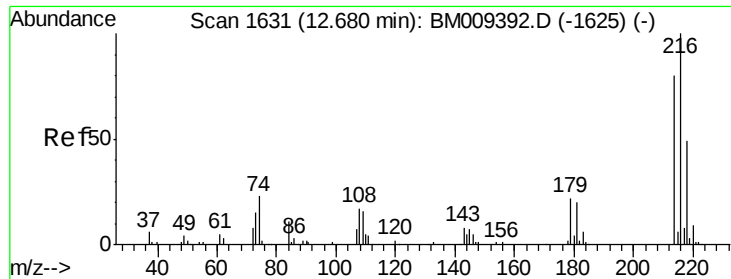
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#23
2-Nitrophenol
Concen: 3.39 ng/ul
RT: 9.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM009405.D
Acq: 25 Mar 2017 06:13

Tgt Ion	Ratio	Lower	Upper
139	100		
65	71.9	36.3	54.5#
109	47.9	26.4	39.6#





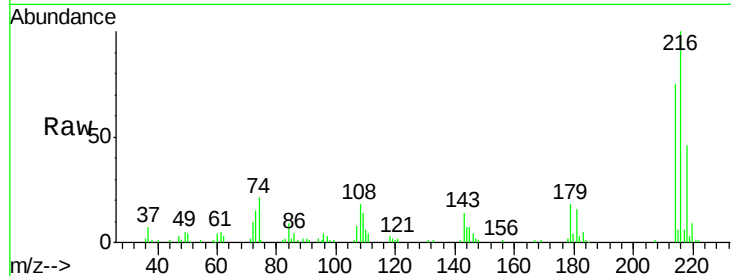
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.02 ng/uL
 RT: 12.68 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BM009405.D
 Acq: 25 Mar 2017 06:13

Instrument :
 BNA_M
 ClientSampled :
 C0BK2DL

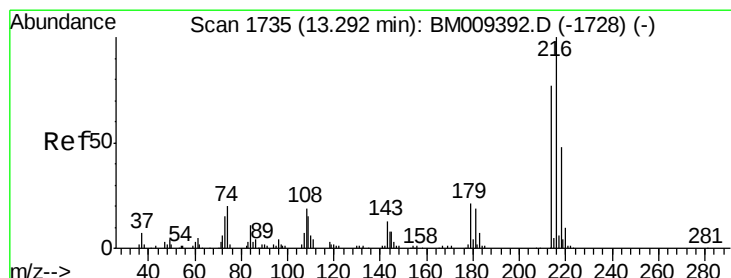
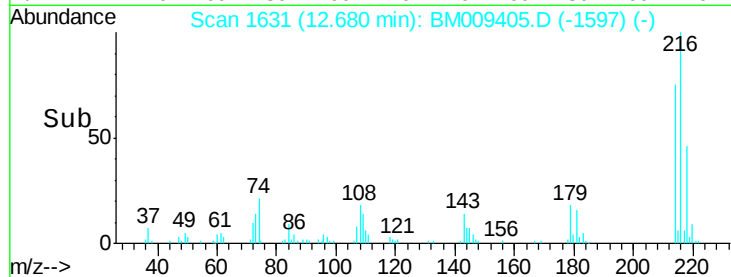
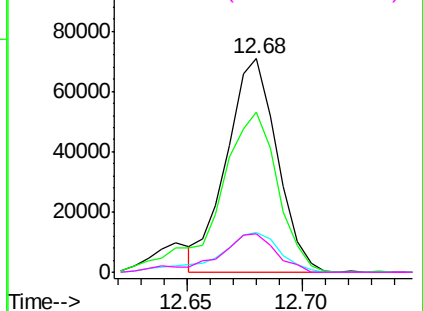
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		108016		
214	75.1	62.5	93.7		
179	18.4	18.2	27.2		
108	17.8	14.2	21.2		

Manual Integrations
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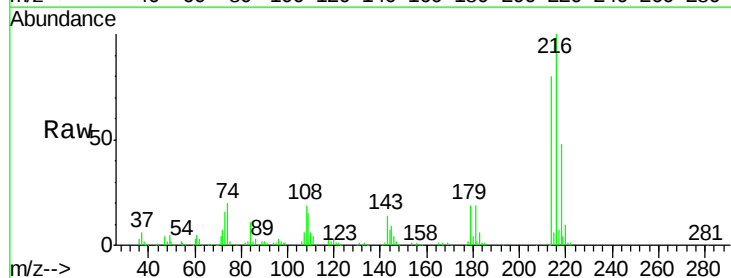


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 29.43 ng/uL
 RT: 13.29 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BM009405.D
 Acq: 25 Mar 2017 06:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		347451		
214	80.2	62.5	93.7		
218	47.9	38.4	57.6		



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

