Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
Data File : BM009403.D
Acq On : 25 Mar 2017 05:01
Operator : SJ/MA
Sample : I2358-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BJ8DL

Manual Integrations APPROVED
mohammad
3/27/2017 1:18:16 PM

Quant Time: Mar 25 05:51:52 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	178543m	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	604187	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	332968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	751654	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1034499	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1012782	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	4854	1.04	ng/uL	0.00
5) Phenol-d5	7.02	99	19524	1.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	71524	6.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	54415	5.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	37108	3.08	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	33638	7.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	35104	7.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	62670	6.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	1232	0.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	215215	9.19	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	249965	8.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	4787	1.11	ng/ul	0.00
57) Fluorene-d10	15.49	176	184919	8.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	24676	5.19	ng/ul	0.00
70) Anthracene-d10	17.34	188	294893m	8.23	ng/ul	0.00
78) Pyrene-d10	19.63	212	337556	7.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	362724	7.78	ng/ul	0.00
Target Compounds						Qvalue
20) Nitrobenzene	9.06	77	388866	25.97	ng/ul#	83
23) 2-Nitrophenol	9.77	139	22945	4.50	ng/ul#	52
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	120450	10.77	ng/ul	94
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	382202	34.59	ng/uL	97

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

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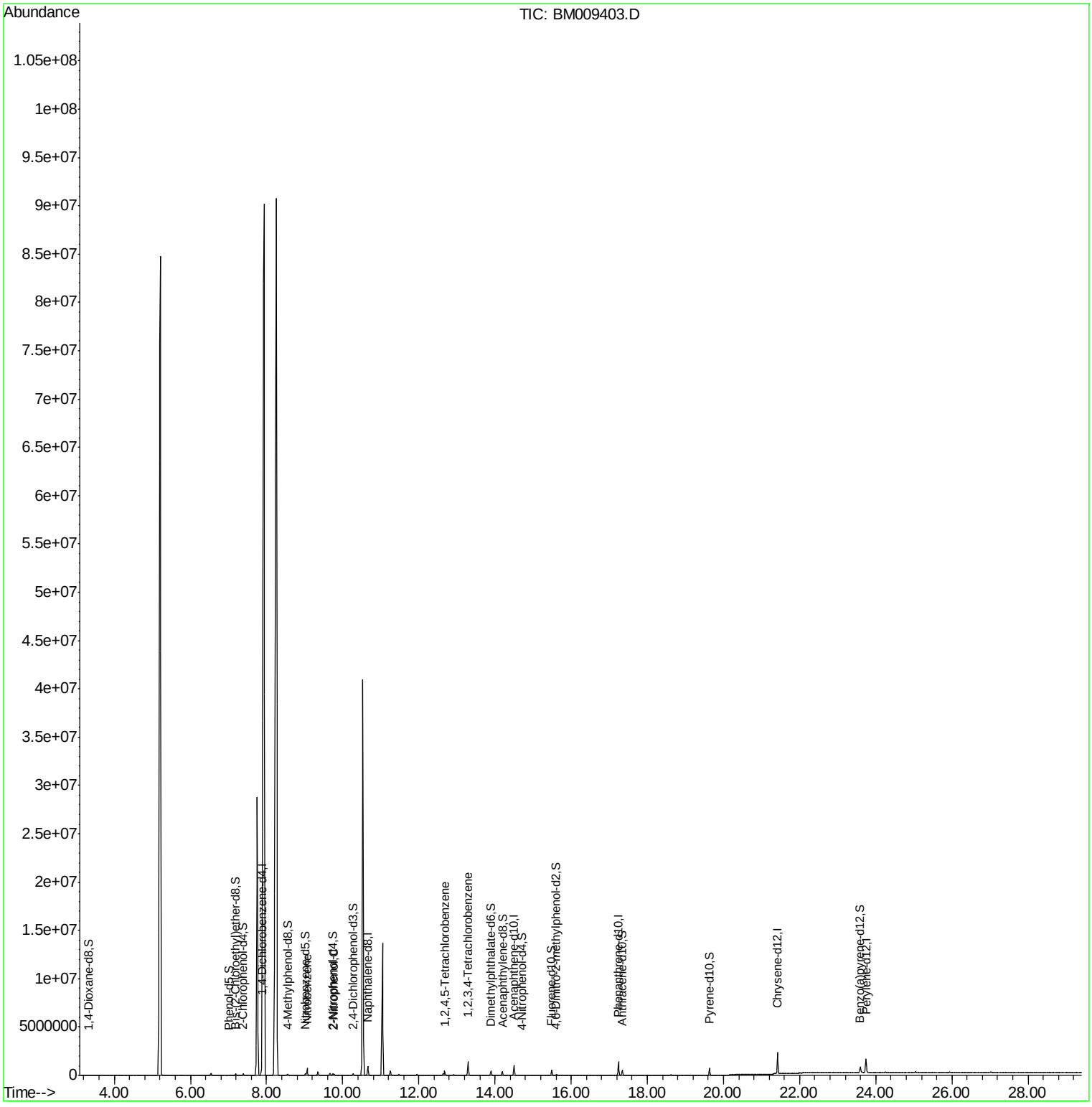
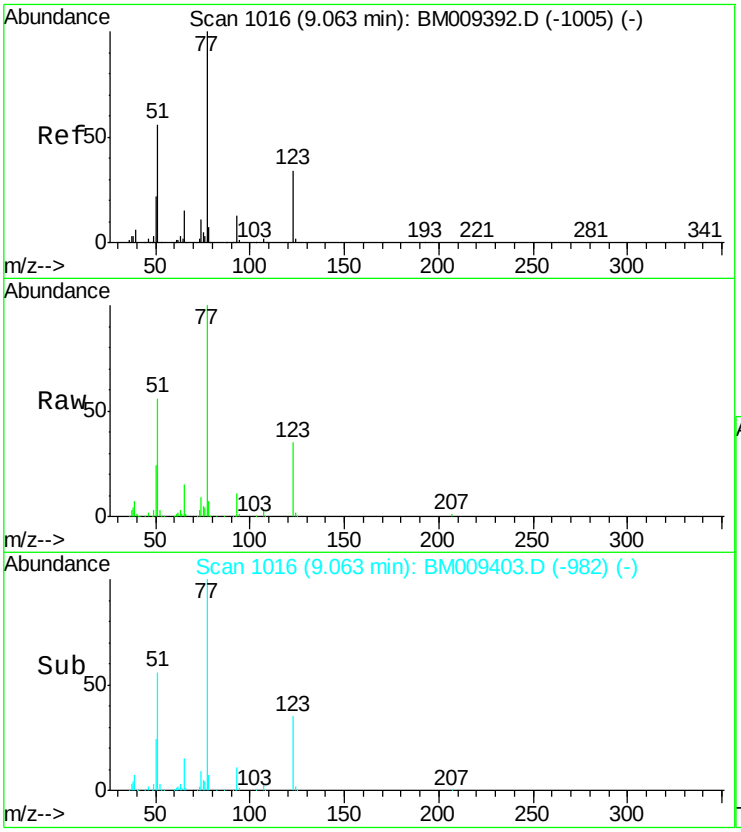
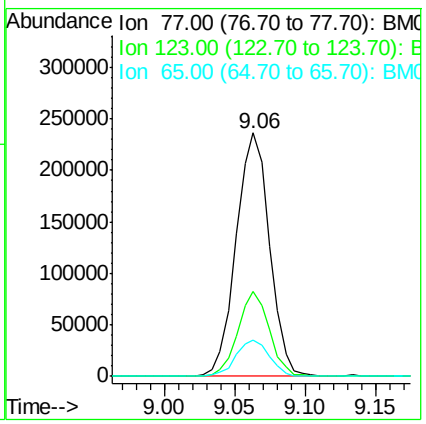




#20
Nitrobenzene
Concen: 25.97 ng/ul
RT: 9.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BM009403.D
Acq: 25 Mar 2017 05:01

Tgt Ion: 77 Resp: 388866

Ion	Ratio	Lower	Upper
77	100		
123	34.9	39.0	58.4#
65	14.8	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
C0BJ8DL

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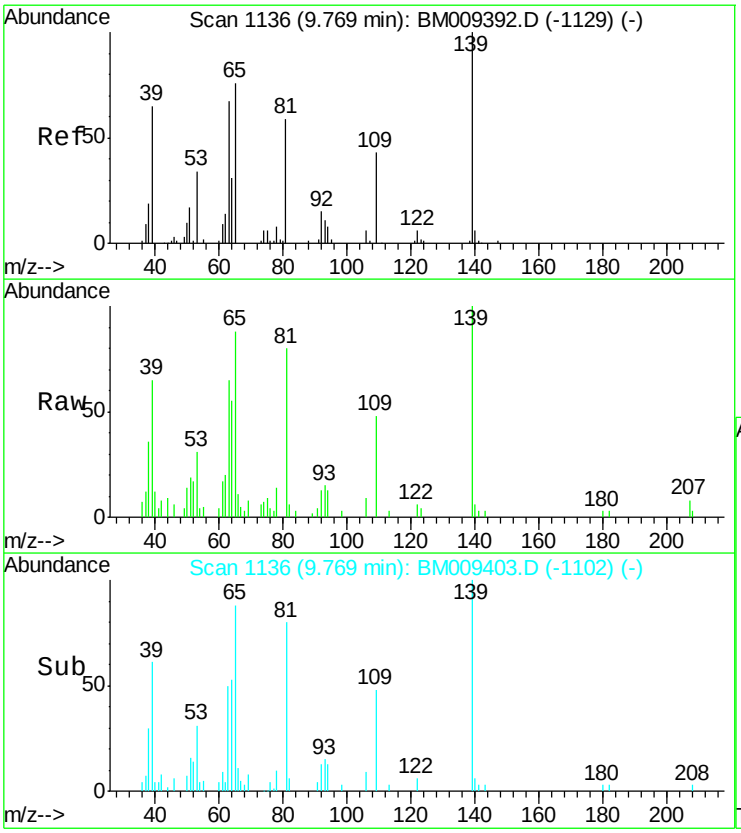
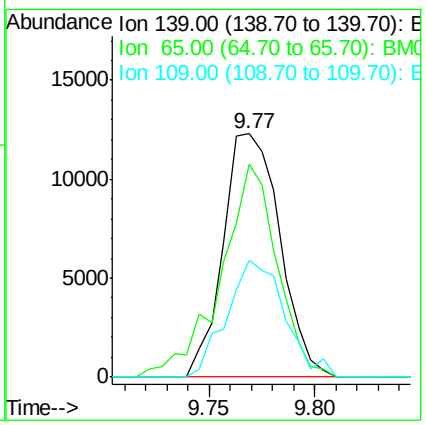
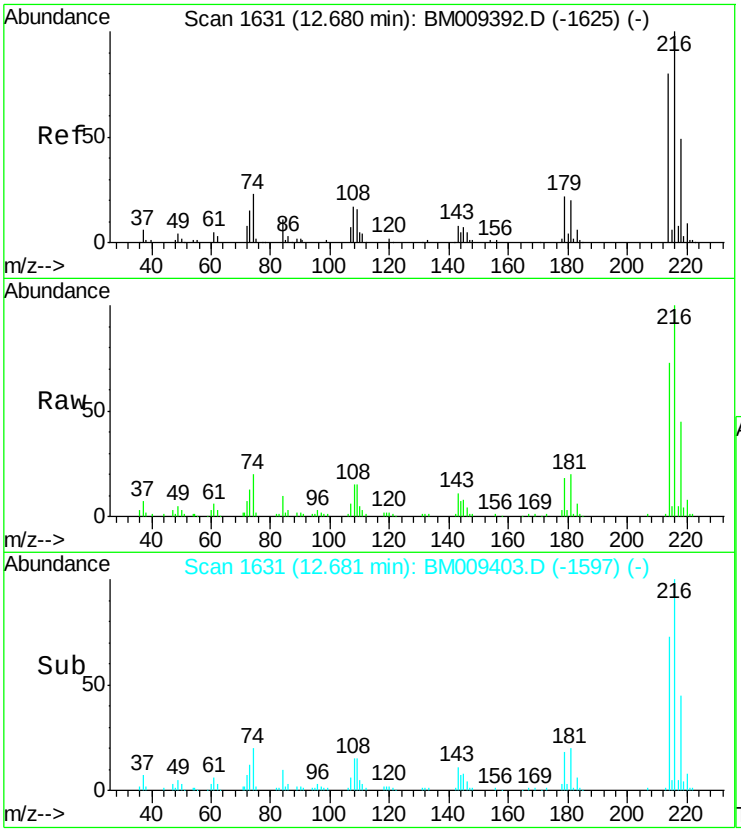


#23
2-Nitrophenol
Concen: 4.50 ng/ul
RT: 9.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM009403.D
Acq: 25 Mar 2017 05:01

Tgt Ion:139 Resp: 22945

Ion	Ratio	Lower	Upper
139	100		
65	87.6	36.3	54.5#
109	47.9	26.4	39.6#

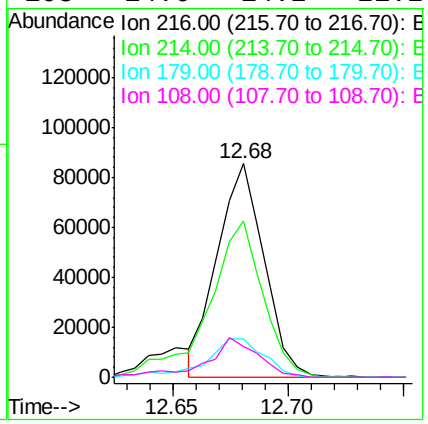




#36
1,2,4,5-Tetrachlorobenzene
Concen: 10.77 ng/ul
RT: 12.68 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BM009403.D
Acq: 25 Mar 2017 05:01

Tgt Ion:216 Resp: 120450

Ion	Ratio	Lower	Upper
216	100		
214	73.4	62.5	93.7
179	18.2	18.2	27.2
108	14.6	14.2	21.2



Instrument :
BNA_M
ClientSampleId :
C0BJ8DL

Manual Integrations APPROVED
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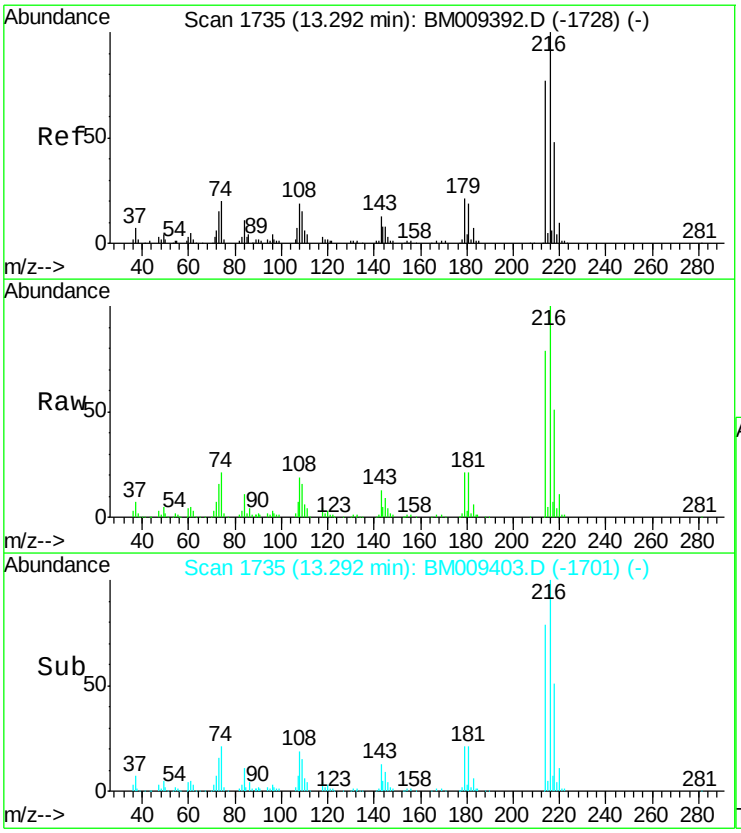

#72
1,2,3,4-Tetrachlorobenzene
Concen: 34.59 ng/uL
RT: 13.29 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BM009403.D
Acq: 25 Mar 2017 05:01

Tgt Ion:216 Resp: 382202

Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.5	93.7
218	51.3	38.4	57.6