Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016809.D
Acq On : 19 Sep 2018 23:02
Operator : SJ/JU
Sample : J4896-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 20 04:14:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 03:06:22 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C08L4

Manual Integrations APPROVED
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9/20/2018 3:58:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	300160	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1233134	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	663427	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	1465985	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1643785	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1785717	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	57540	8.20	ng/uL	0.00
5) Phenol-d5	6.89	99	494304	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	303986	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	415578	20.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	392869	20.05	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	186692	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	176647	23.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	368309	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	463049	20.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1151365	21.61	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1312537	19.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	189482	21.67	ng/ul	0.00
58) Fluorene-d10	15.36	176	998636	21.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	123696	20.55	ng/ul	0.00
71) Anthracene-d10	17.21	188	1633255	23.09	ng/ul	0.00
79) Pyrene-d10	19.50	212	1851869	23.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	2140376	22.98	ng/ul	0.00
Target Compounds						Qvalue
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	84005m	3.687	ng/ul	
45) Dimethylphthalate	13.82	163	113740	2.185	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	339213	13.981	ng/uL	99
74) Pentachlorobenzene	14.68	250	32140	1.468	ng/uL	96

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

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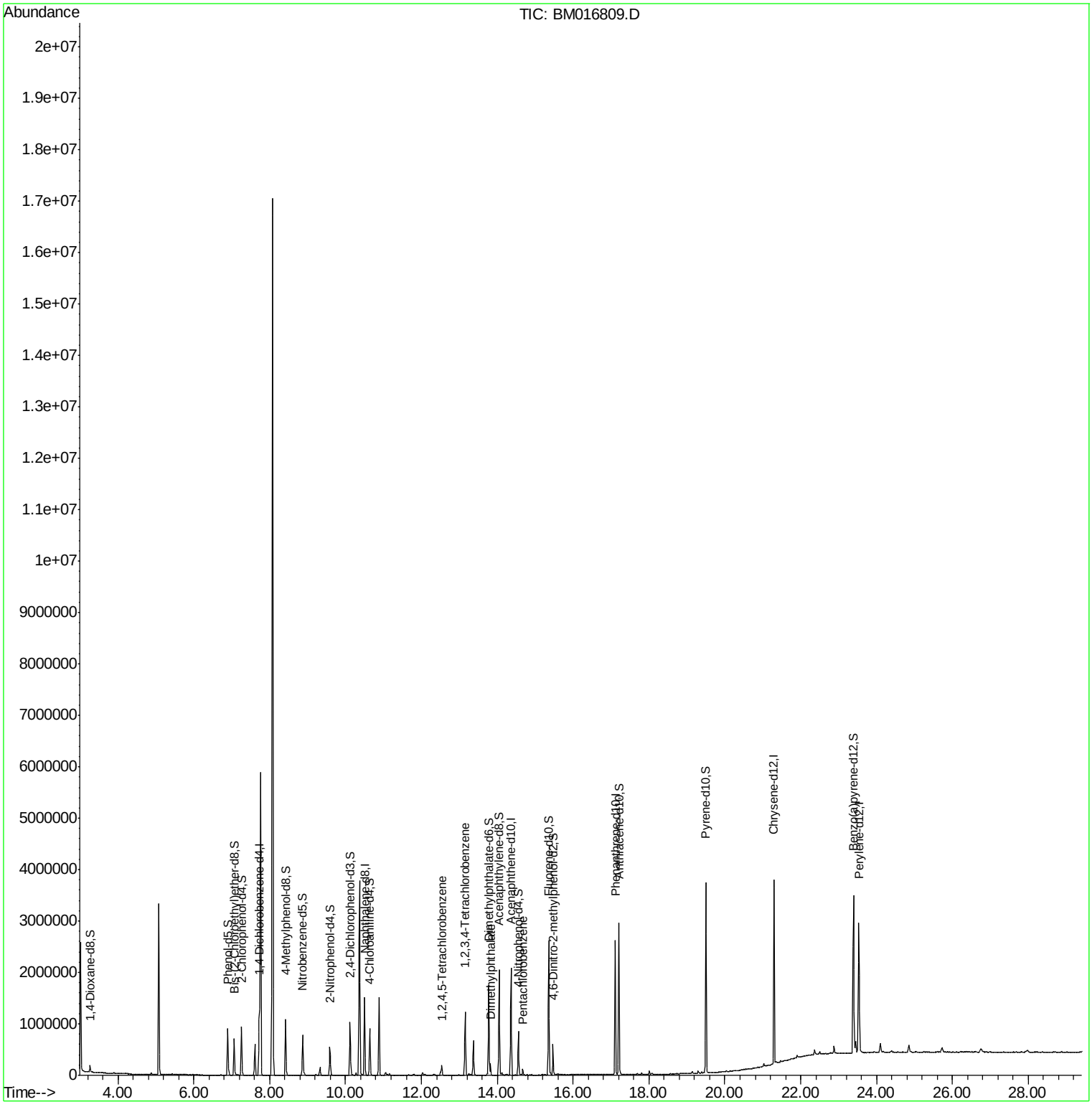
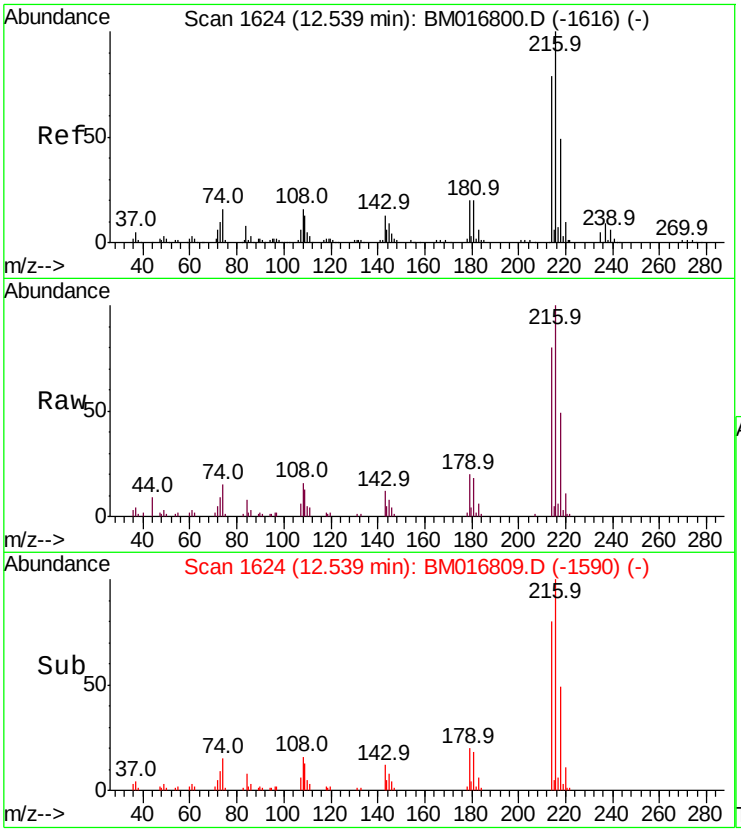
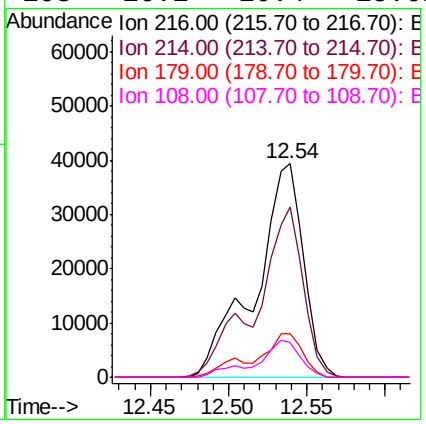




#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.687 ng/ul m
RT: 12.54 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BM016809.D
Acq: 19 Sep 2018 23:02

Tgt Ion:216 Resp: 84005

Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.1	96.1
179	20.3	14.5	21.7
108	16.1	10.4	15.6#



Instrument :
BNA_M
ClientSampleId :
C08L4

Manual Integrations APPROVED
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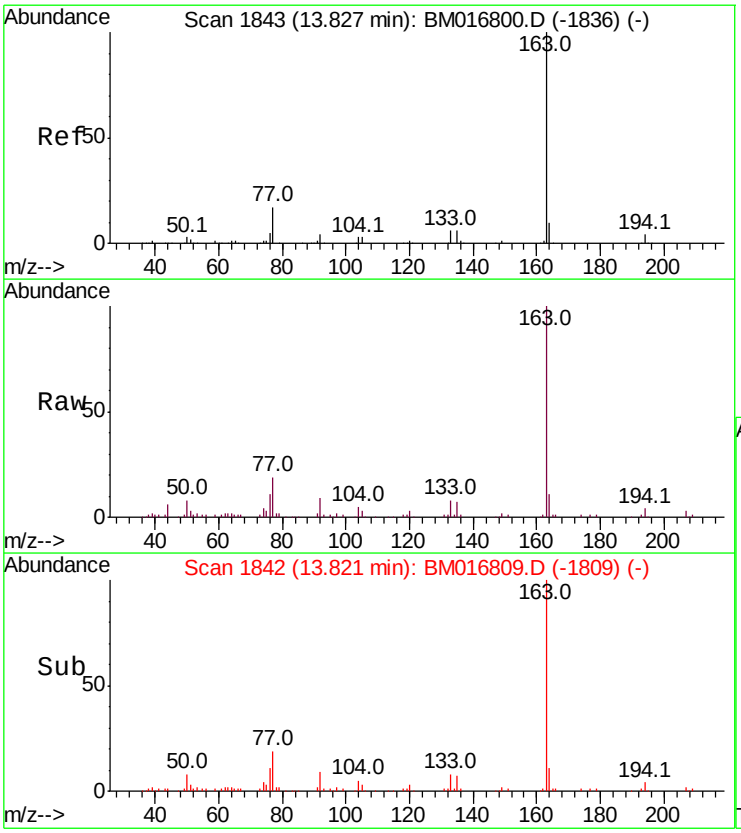
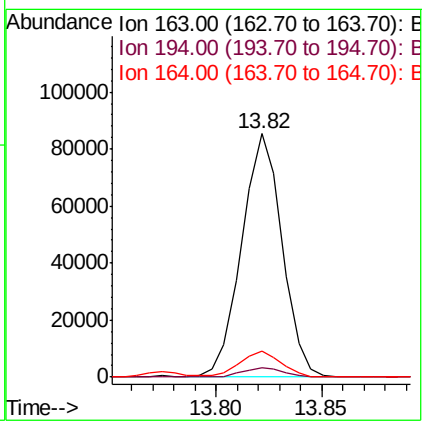
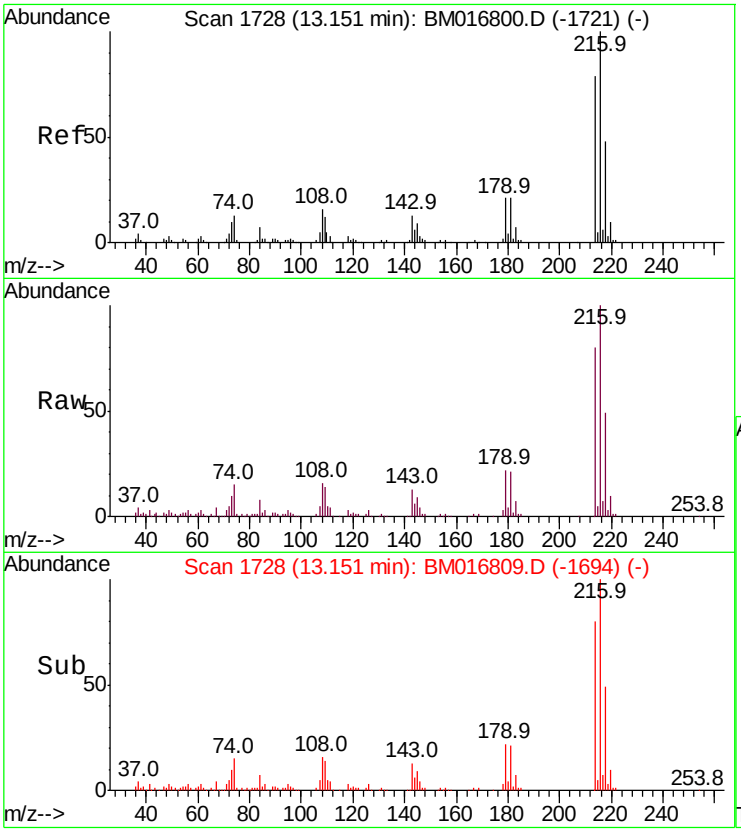


#45
Dimethylphthalate
Concen: 2.185 ng/ul
RT: 13.82 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM016809.D
Acq: 19 Sep 2018 23:02

Tgt Ion:163 Resp: 113740

Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.0	6.0
164	10.6	8.4	12.6





#73
1,2,3,4-Tetrachlorobenzene
Concen: 13.981 ng/uL
RT: 13.15 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BM016809.D
Acq: 19 Sep 2018 23:02

Tgt Ion:216 Resp: 339213

Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.1	96.1
218	48.6	39.4	59.0

Instrument :
BNA_M
ClientSampleId :
C08L4

Manual Integrations APPROVED
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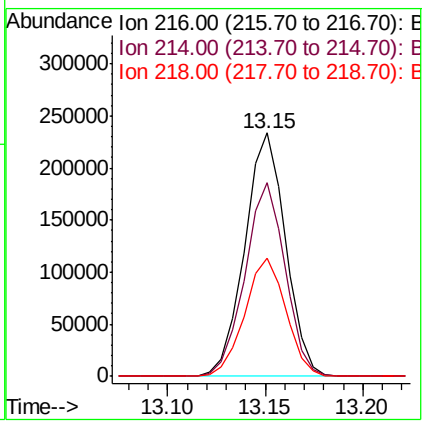

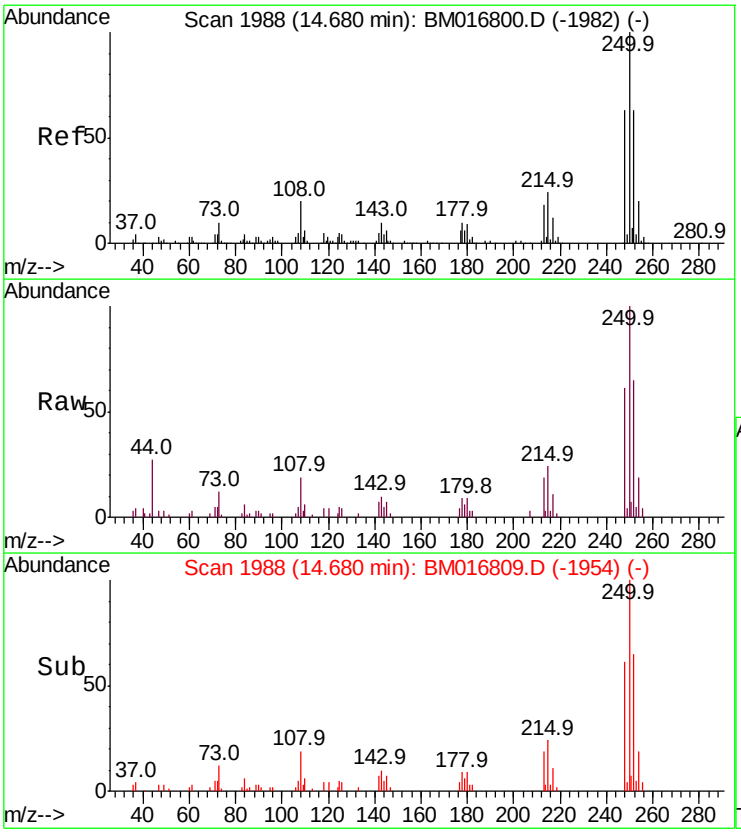

#74
Pentachlorobenzene
Concen: 1.468 ng/uL
RT: 14.68 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BM016809.D
Acq: 19 Sep 2018 23:02

Tgt Ion:250 Resp: 32140

Ion	Ratio	Lower	Upper
250	100		
248	60.6	51.4	77.2
252	65.5	49.8	74.6