Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016845.D
Acq On : 21 Sep 2018 22:54
Operator : SJ/JU
Sample : J5013-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C08R6

Manual Integrations APPROVED
Sohil
9/24/2018 5:27:16 PM

Quant Time: Sep 22 03:39:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 02:21:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	265533m	20.00	ng/ul	0.03
18) Naphthalene-d8	10.52	136	1216828	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.36	164	637515	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1395601	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1574102	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1684363	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	40948	6.59	ng/uL	0.00
5) Phenol-d5	6.89	99	167181	7.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	487628	35.16	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	547685	29.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	337725	19.49	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	339153	42.42	ng/ul	0.01
22) 2-Nitrophenol-d4	9.59	143	349316	48.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	605594	32.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	26001	1.17	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	1904687	37.21	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2461308	37.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	61856	7.36	ng/ul	0.00
58) Fluorene-d10	15.35	176	1697028	37.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	241772	42.20	ng/ul	0.00
71) Anthracene-d10	17.20	188	2578541	38.30	ng/ul	0.00
79) Pyrene-d10	19.50	212	2895619	37.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3415944	38.88	ng/ul	0.00
Target Compounds						Qvalue
20) Nitrobenzene	8.92	77	1594965	78.862	ng/ul#	88
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	1854904	84.720	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	6826356	295.536	ng/uL	99
74) Pentachlorobenzene	14.67	250	169142	8.118	ng/uL	98

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

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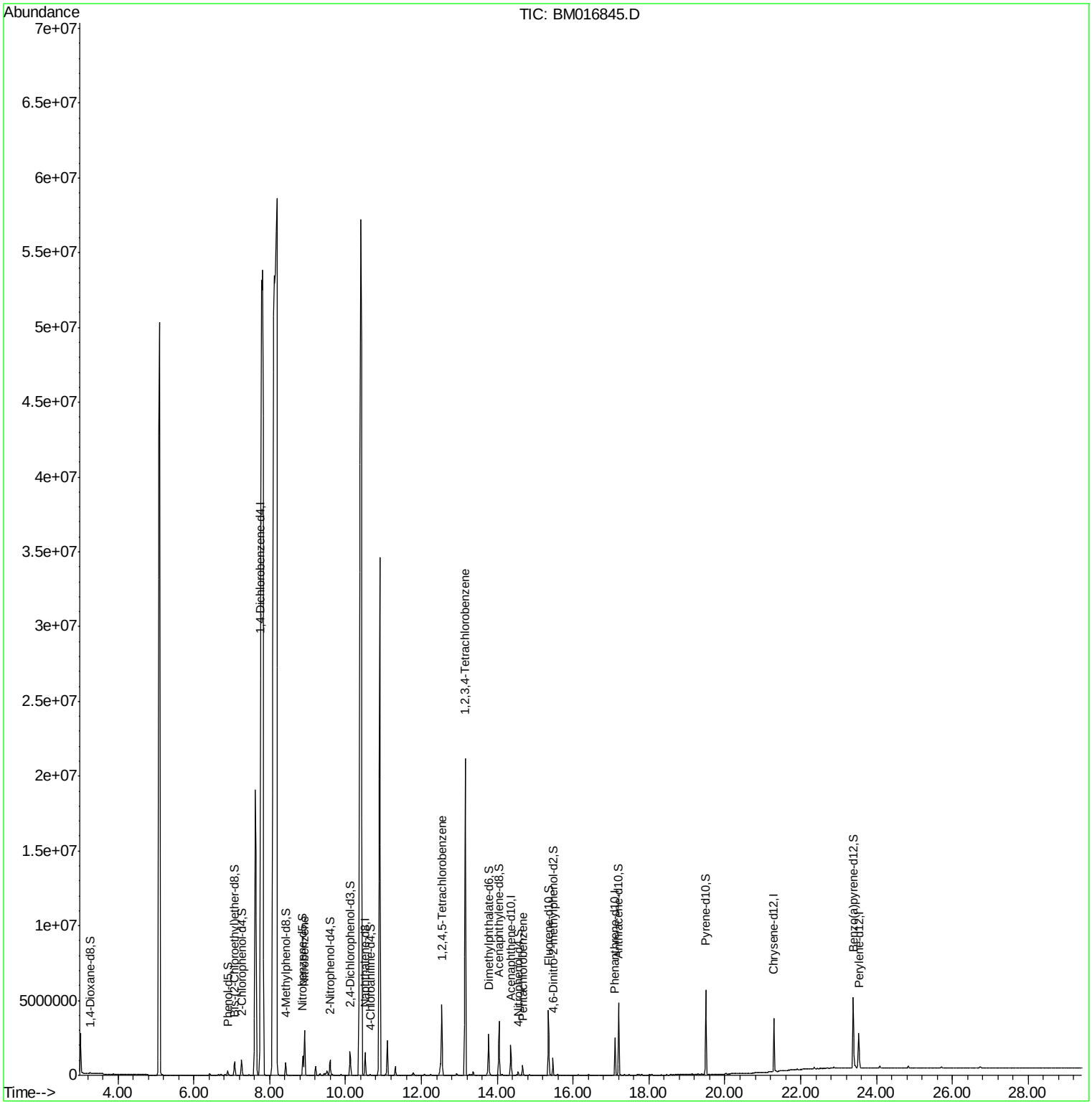

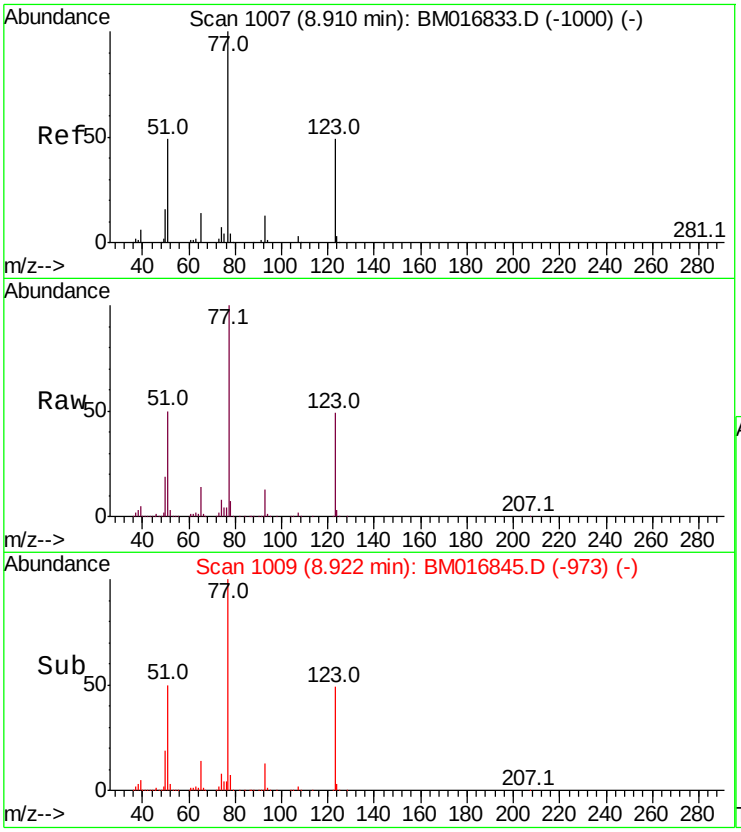

#20
Nitrobenzene
Concen: 78.862 ng/ul
RT: 8.92 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BM016845.D
Acq: 21 Sep 2018 22:54

Tgt Ion: 77 Resp: 1594965

Ion	Ratio	Lower	Upper
77	100		
123	49.4	31.8	47.8#
65	13.9	10.6	16.0

Instrument :
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ClientSampleId :
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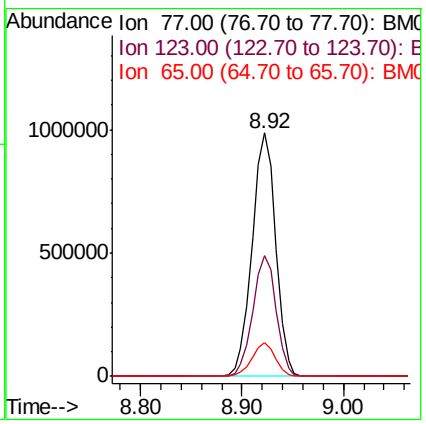
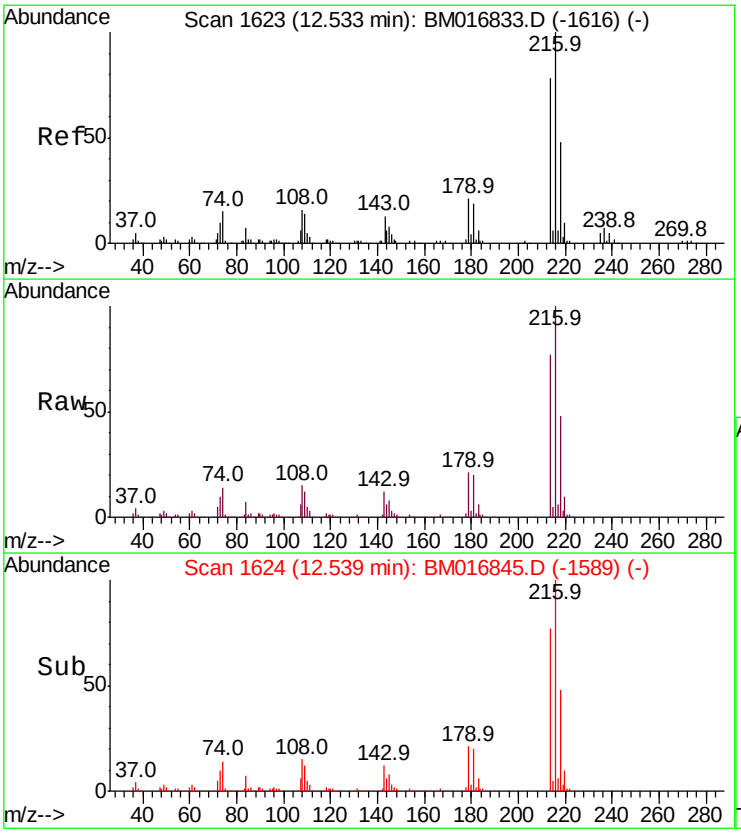
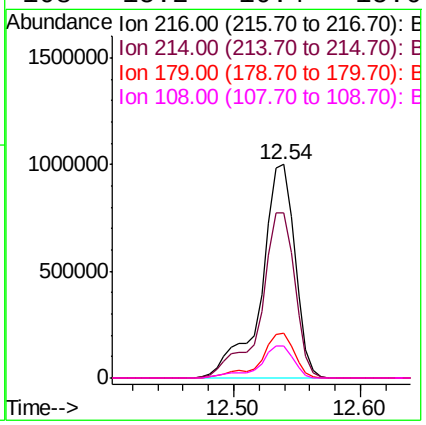


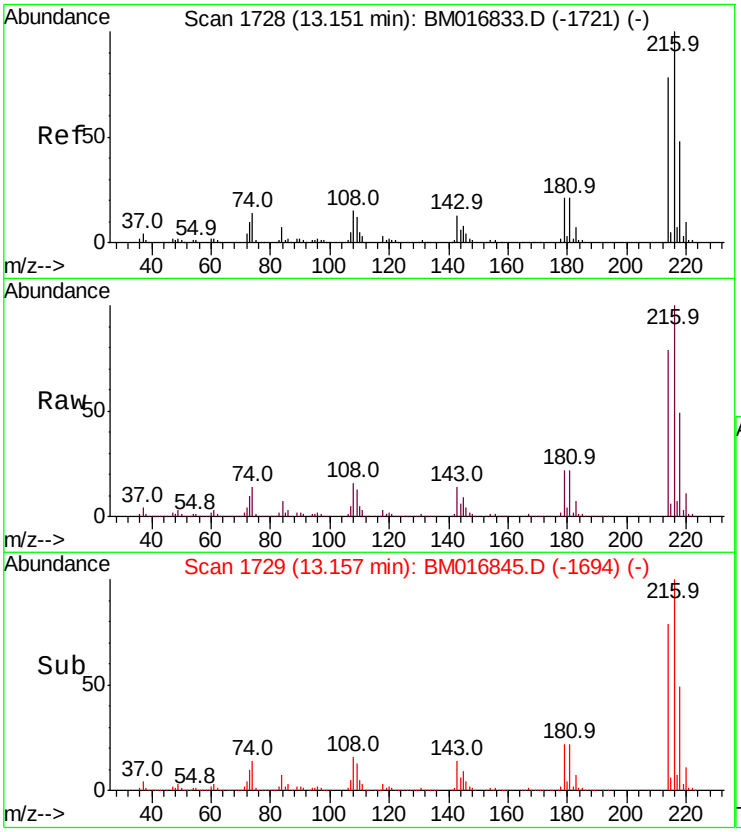


#37
1,2,4,5-Tetrachlorobenzene
Concen: 84.720 ng/ul
RT: 12.54 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BM016845.D
Acq: 21 Sep 2018 22:54

Tgt Ion:216 Resp: 1854904

Ion	Ratio	Lower	Upper
216	100		
214	77.3	64.1	96.1
179	20.8	14.5	21.7
108	15.2	10.4	15.6

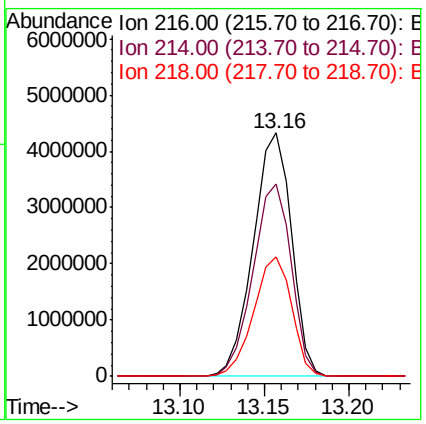




#73
1,2,3,4-Tetrachlorobenzene
Concen: 295.536 ng/uL
RT: 13.16 min Scan# 1729
Delta R.T. 0.01 min
Lab File: BM016845.D
Acq: 21 Sep 2018 22:54

Tgt Ion:216 Resp: 6826356

Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.1	96.1
218	48.9	39.4	59.0



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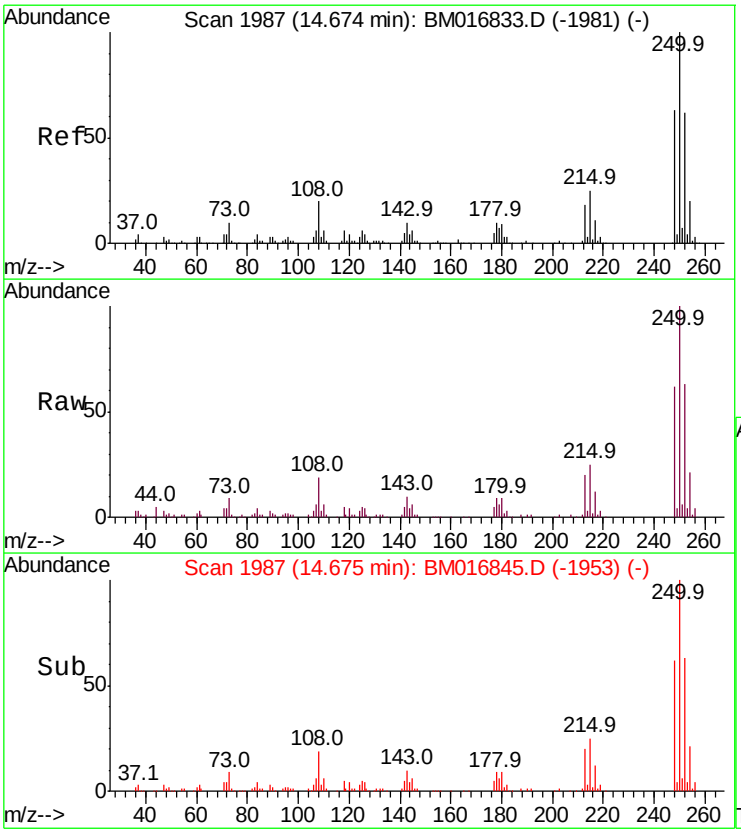

#74
Pentachlorobenzene
Concen: 8.118 ng/uL
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM016845.D
Acq: 21 Sep 2018 22:54

Tgt Ion:250 Resp: 169142

Ion	Ratio	Lower	Upper
250	100		
248	61.7	51.4	77.2
252	63.0	49.8	74.6