

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121418\
 Data File : BN003946.D
 Acq On : 14 Dec 2018 23:48
 Operator : JU/SJ
 Sample : J6383-02DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0935DL

Manual Integrations
 APPROVED

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 12/17/2018 4:21:40 PM

Quant Time: Dec 17 10:21:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 14 22:50:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	35180	20.00	ng/ul	0.01
18) Naphthalene-d8	10.63	136	160886	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.47	164	97616	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	238042	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	310189	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	290755	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	244	0.45	ng/uL	0.00
5) Phenol-d5	6.99	99	4938	1.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	12143	6.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	15097	5.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	9704	3.35	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	9370	7.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	10161	7.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	17735	6.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	1026	0.41	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	60727	6.97	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	78501	7.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	1943	1.08	ng/ul	0.02
57) Fluorene-d10	15.46	176	56653	7.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	2035	1.19	ng/ul	0.00
70) Anthracene-d10	17.31	188	95615	7.95	ng/ul	0.00
78) Pyrene-d10	19.60	212	114848	8.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	126310	8.01	ng/ul	0.00

Target Compounds

					Ovalue
20) Nitrobenzene	9.05	77	88199	31.947 ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	40581m	13.538 ng/ul	
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	91426	30.668 ng/uL	99

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

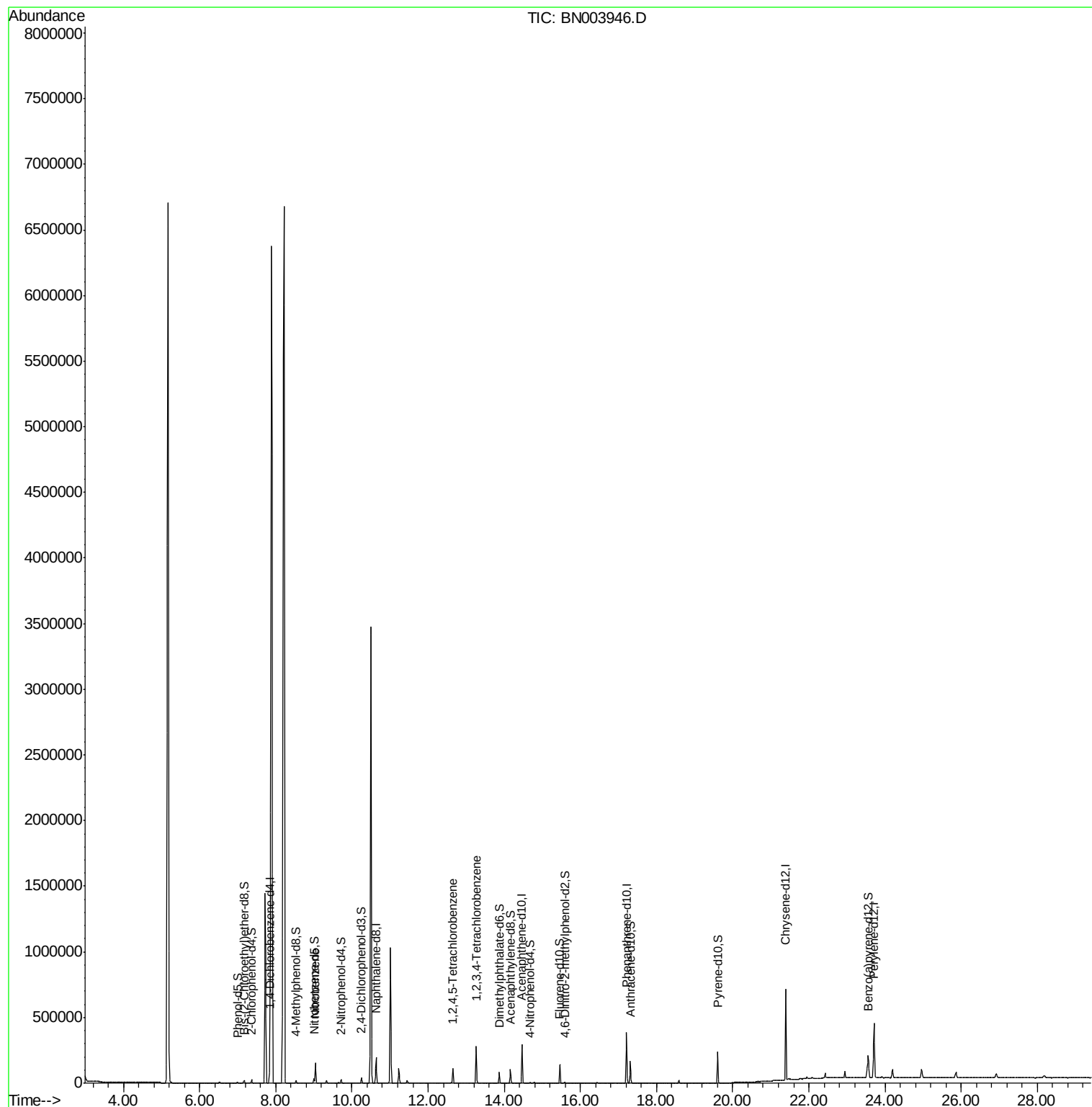
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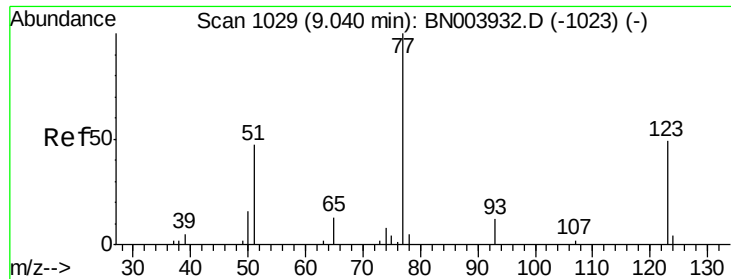
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Quant Time: Dec 17 10:21:24 2018
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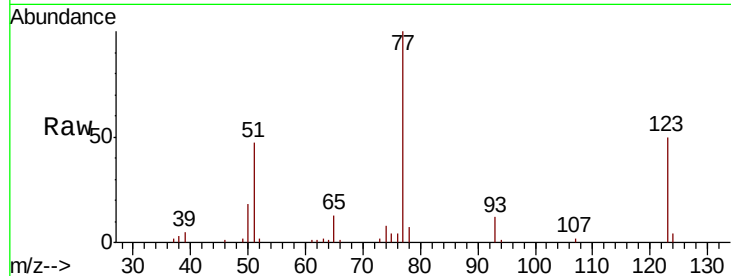
#20
Nitrobenzene
Concen: 31.947 ng/ul
RT: 9.05 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BN003946.D
Acq: 14 Dec 2018 23:48

Instrument :
BNA_N
ClientSampled :
C0935DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	50.3	39.3	58.9
65	12.7	10.3	15.5

Manual Integrations
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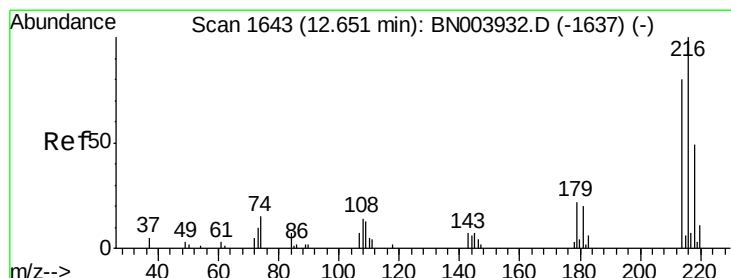
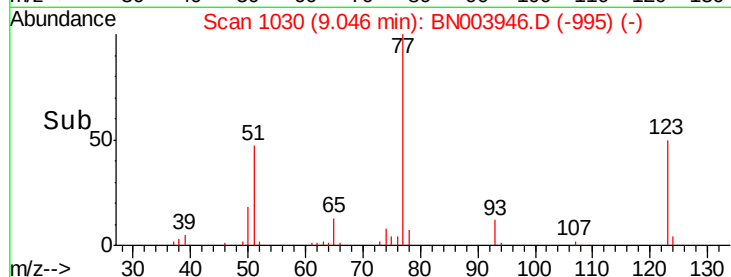
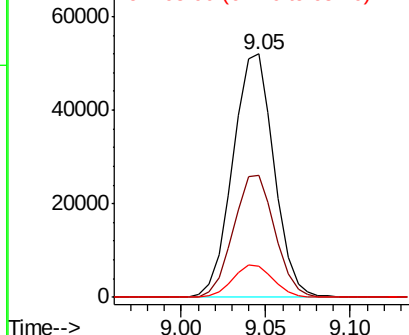


Abundance

Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BN0



#36
1,2,4,5-Tetrachlorobenzene
Concen: 13.538 ng/ul m
RT: 12.65 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BN003946.D
Acq: 14 Dec 2018 23:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.8	65.2	97.8
179	21.9	16.8	25.2
108	16.7	12.8	19.2

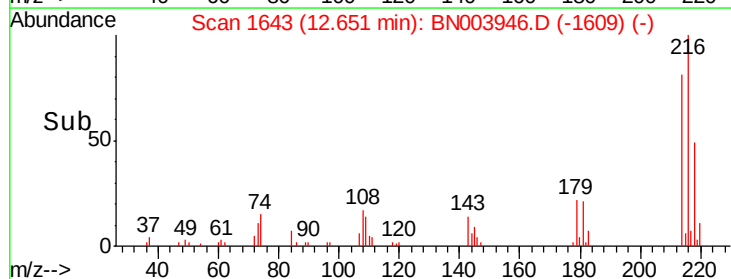
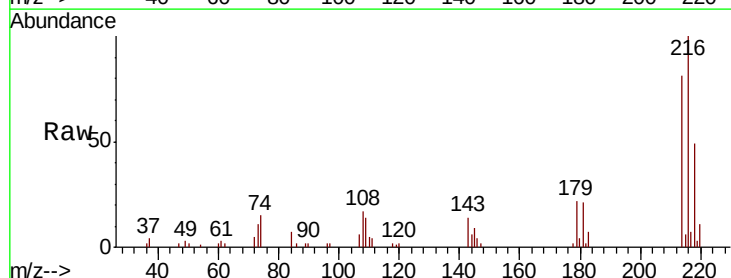
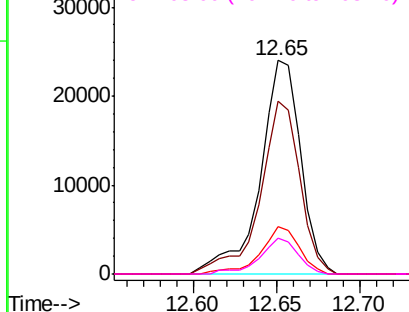
Abundance

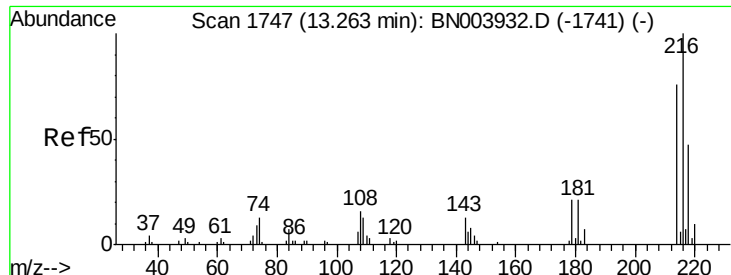
Ion 216.00 (215.70 to 216.70): E

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: 30.668 ng/uL
 RT: 13.26 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BN003946.D
 Acq: 14 Dec 2018 23:48

Instrument :
 BNA_N
 ClientSampleId :
 C0935DL

Tot Ion	Ion	Ratio	Resp Lower	Upper
216	100			
214	80.2	63.8	95.8	
218	49.2	38.9	58.3	

Manual Integrations
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