Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008584.D
Acq On : 15 Nov 2019 11:17
Operator : JU
Sample : K5739-02DL 5X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0CQ9DL

Quant Time: Nov 15 12:41:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 04:28:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	515224	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	2175022	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	1456014	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	3109172	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2917138	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	3118063	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.81	99	62679	1.39	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.98	67	173136	6.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	181810	5.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	114651	3.26	ng/ul	-0.01
19) Nitrobenzene-d5	8.76	128	107020	7.22	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.48	143	112230	8.07	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.02	165	212402	5.98	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.53	131	14831	0.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	772694	6.71	ng/ul	-0.01
46) Acenaphthylene-d8	13.94	160	855643	6.51	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.45	143	24599	1.38	ng/ul	-0.02
57) Fluorene-d10	15.25	176	648421	6.77	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.36	200	74546	6.28	ng/ul	-0.01
70) Anthracene-d10	17.09	188	1039262	7.05	ng/ul	0.00
78) Pyrene-d10	19.39	212	1163613	6.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	1155245	7.13	ng/ul	0.00
Target Compounds						Qvalue
20) Nitrobenzene	8.81	77	1184681	29.064	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	381182	8.587	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	1211150	28.139	ng/uL	100

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

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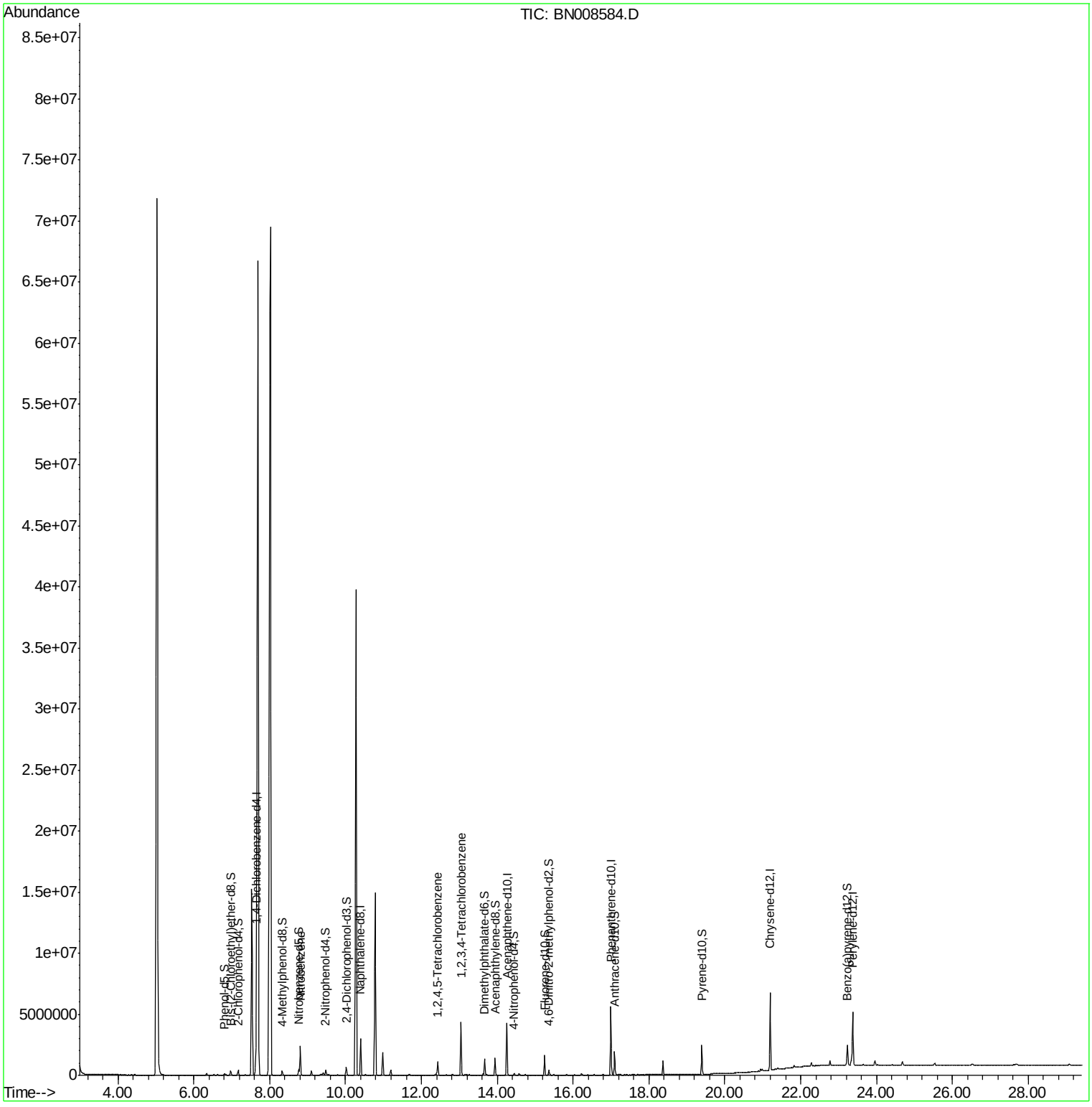
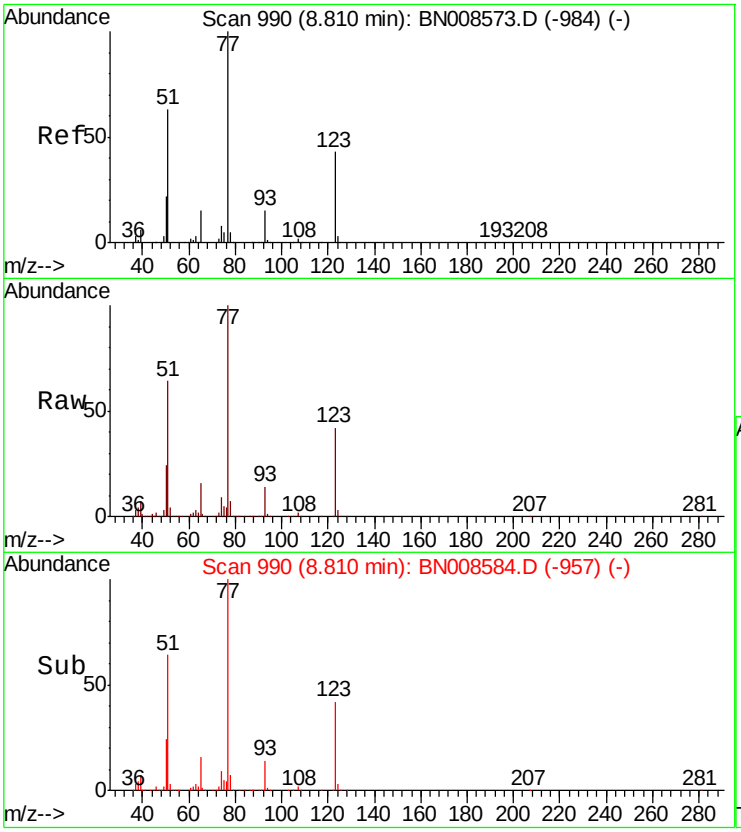


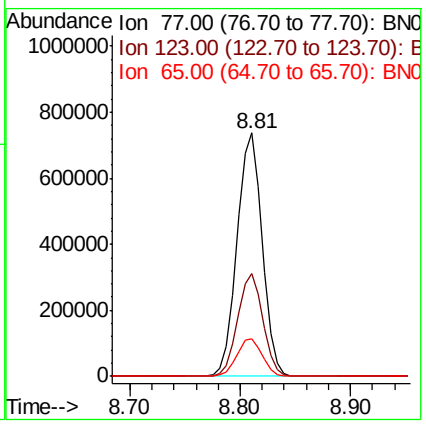


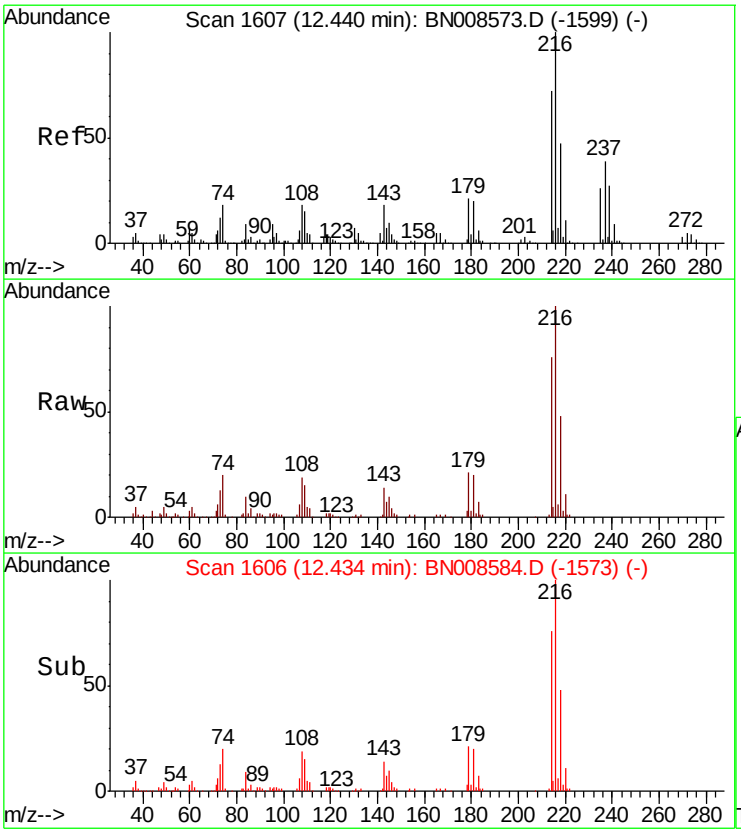
#20
Nitrobenzene
Concen: 29.064 ng/ul
RT: 8.81 min Scan# 990
Delta R.T. -0.01 min
Lab File: BN008584.D
Acq: 15 Nov 2019 11:17

Instrument :
BNA_N
ClientSampleId :
C0CQ9DL

Tgt Ion: 77 Resp: 1184681

Ion	Ratio	Lower	Upper
77	100		
123	42.3	31.3	46.9
65	15.6	12.5	18.7

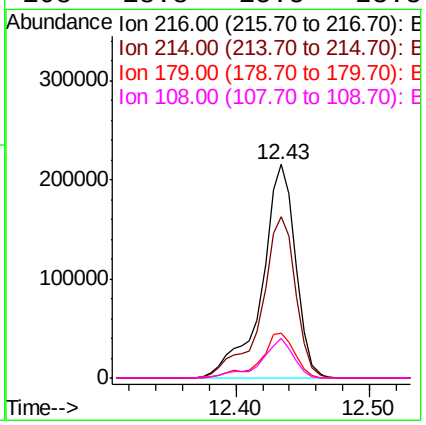


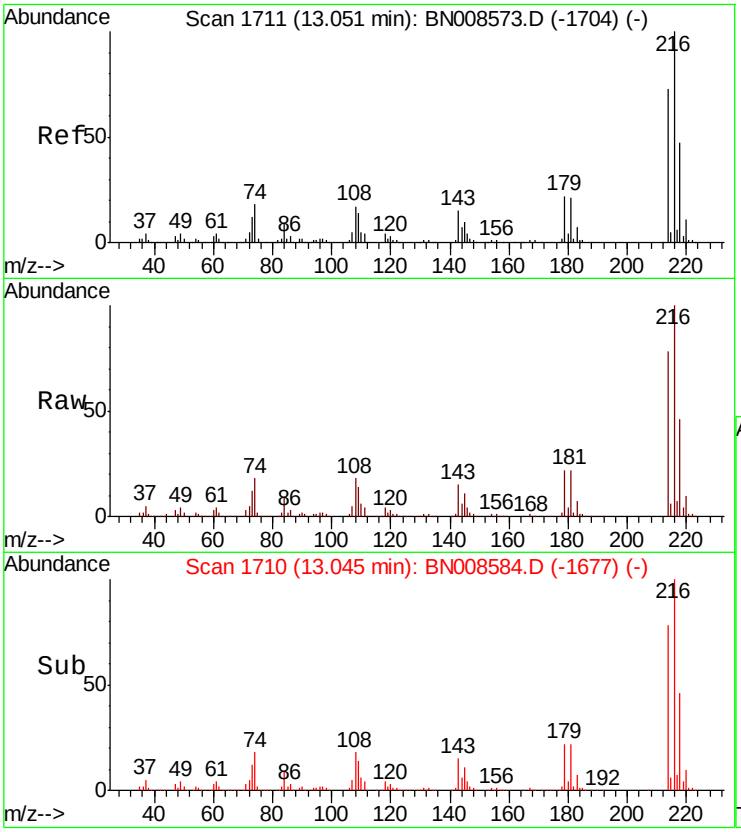


#36
1,2,4,5-Tetrachlorobenzene
Concen: 8.587 ng/ul
RT: 12.43 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BN008584.D
Acq: 15 Nov 2019 11:17

Tgt Ion:216 Resp: 381182

Ion	Ratio	Lower	Upper
216	100		
214	75.6	63.9	95.9
179	21.2	17.3	25.9
108	18.8	15.5	23.3





#72
1,2,3,4-Tetrachlorobenzene
Concen: 28.139 ng/uL
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BN008584.D
Acq: 15 Nov 2019 11:17

Instrument :
BNA_N
ClientSampleId :
C0CQ9DL

Tgt Ion:216 Resp: 1211150

Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.1	93.1
218	46.3	37.4	56.0