Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042020\
Data File : BN010556.D
Acq On : 20 Apr 2020 12:00
Operator : CG/JU
Sample : L2317-05DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F14DL

Quant Time: Apr 20 12:40:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 20 11:50:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	334894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1468079	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	983075	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	2255935	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2168538	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	1953131	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	6.78	99	40313	1.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	97618	7.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	123662	5.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	78197	3.51	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	75353	6.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	76314	6.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	150123	6.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	11970	0.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	535289	7.34	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	617570	6.89	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.22	176	485205	7.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	38702	3.28	ng/ul	0.00
71) Anthracene-d10	17.06	188	777833	7.44	ng/ul	0.00
79) Pyrene-d10	19.37	212	899155	7.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	715853	7.07	ng/ul	0.00
Target Compounds						Qvalue
20) Nitrobenzene	8.77	77	639636	24.208	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	307206	9.373	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.01	216	861273	24.071	ng/uL	98

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

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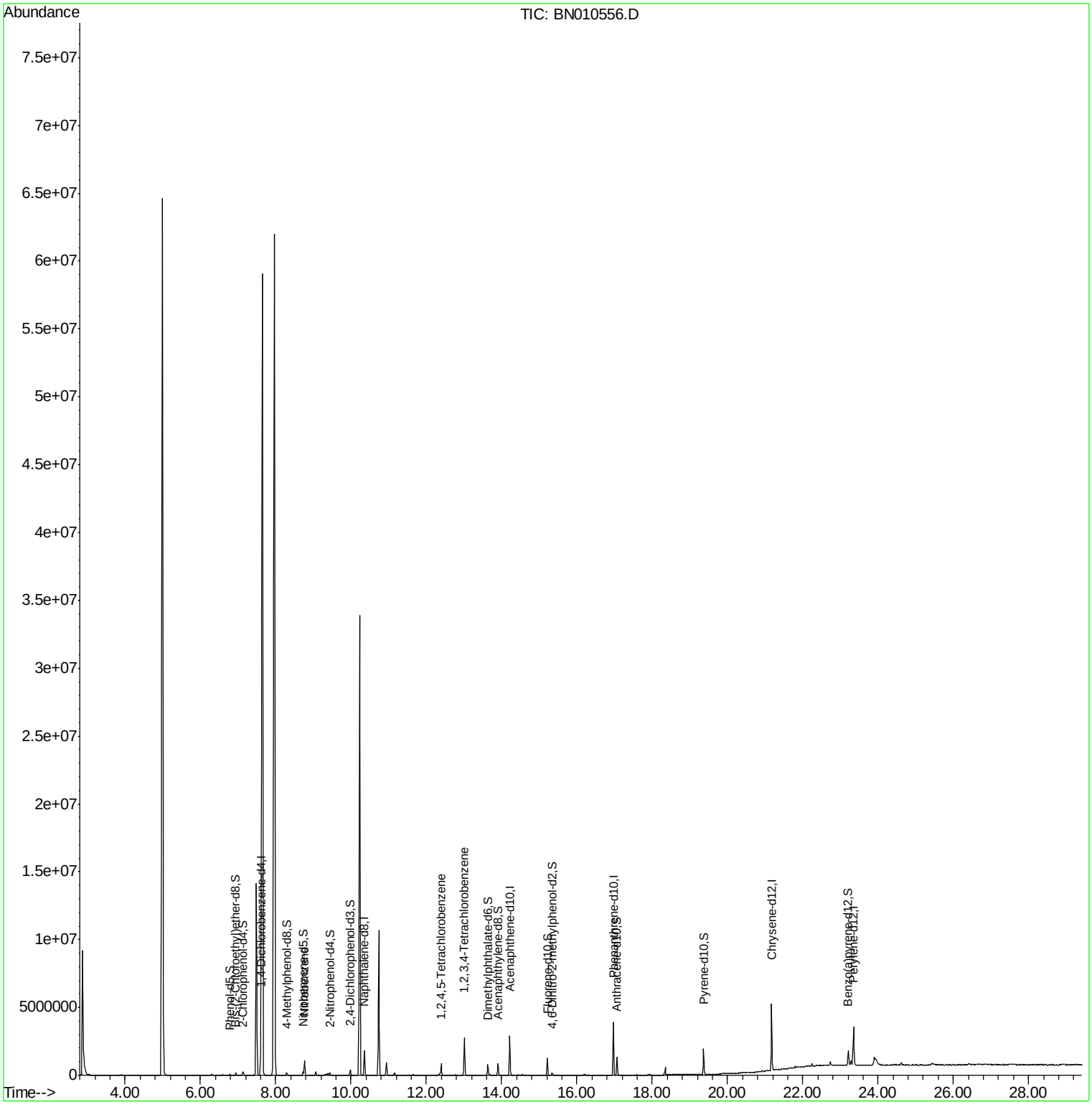
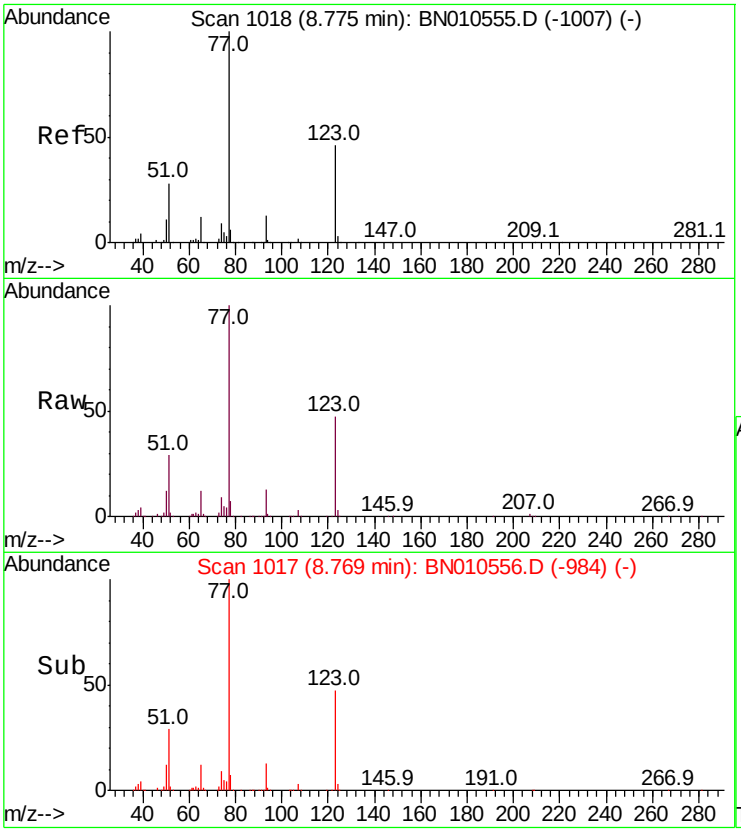


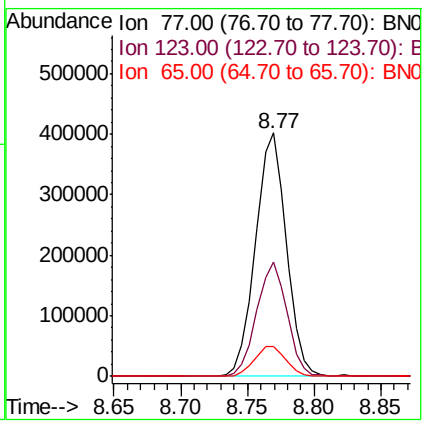


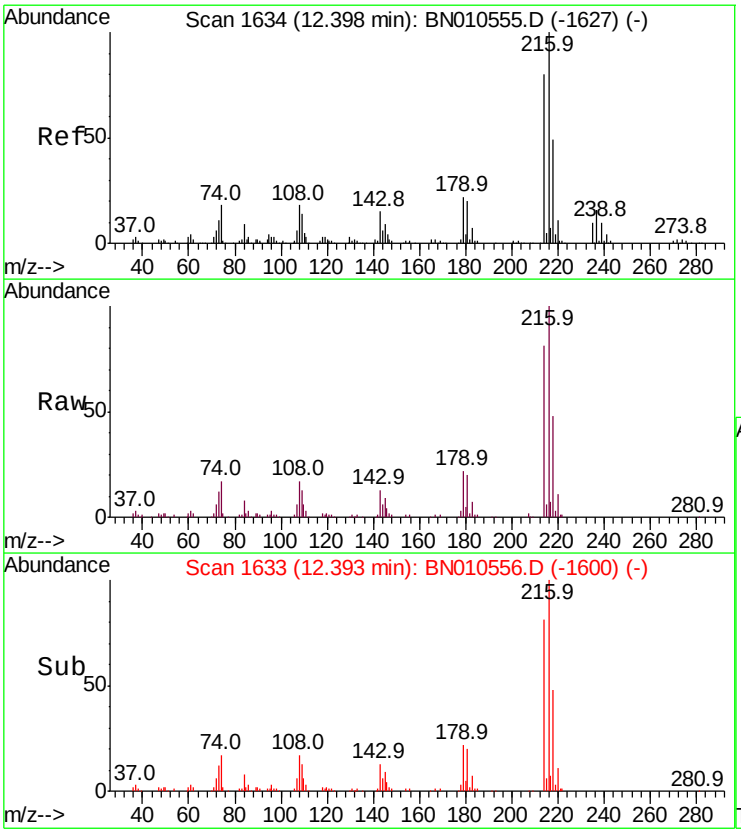
#20
Nitrobenzene
Concen: 24.208 ng/ul
RT: 8.77 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BN010556.D
Acq: 20 Apr 2020 12:00

Instrument :
BNA_N
ClientSampleId :
C0F14DL

Tgt Ion: 77 Resp: 639636

Ion	Ratio	Lower	Upper
77	100		
123	47.2	36.1	54.1
65	12.2	9.3	13.9

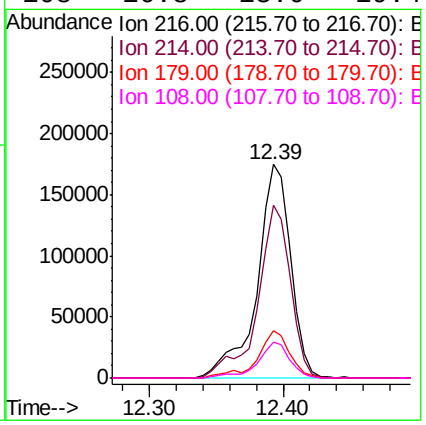


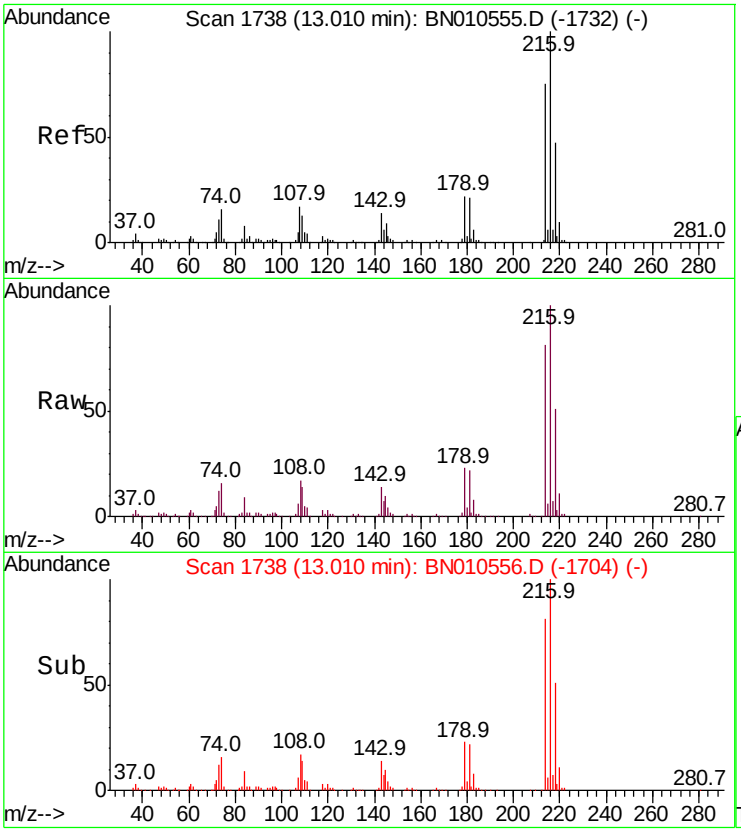


#37
1,2,4,5-Tetrachlorobenzene
Concen: 9.373 ng/ul
RT: 12.39 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BN010556.D
Acq: 20 Apr 2020 12:00

Tgt Ion:216 Resp: 307206

Ion	Ratio	Lower	Upper
216	100		
214	81.0	67.4	101.0
179	22.0	16.9	25.3
108	16.8	13.0	19.4





#73
1,2,3,4-Tetrachlorobenzene
Concen: 24.071 ng/uL
RT: 13.01 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BN010556.D
Acq: 20 Apr 2020 12:00

Instrument :
BNA_N
ClientSampleId :
C0F14DL

Tgt Ion:216 Resp: 861273

Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.6	95.4
218	50.6	38.6	58.0