

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN031319\
 Data File : BN004755.D
 Acq On : 14 Mar 2019 09:49
 Operator : JU/SJ
 Sample : K1859-05DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BR0DL

Quant Time: Mar 14 16:41:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 13 03:05:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	36502	20.00	ng/ul	0.01
18) Naphthalene-d8	10.50	136	160177	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	91656	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	206942	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	196346	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	185663	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.89	99	3408	1.13	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.06	67	8825	5.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	12476	4.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	6951	2.65	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	7172	5.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	7890	5.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	13168	4.98	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.77	166	48673	6.14	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	60800	6.37	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.35	176	43226	6.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	3961	2.77	ng/ul	0.00
71) Anthracene-d10	17.20	188	66096	6.56	ng/ul	0.00
79) Pyrene-d10	19.51	212	75161	7.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	61343	6.15	ng/ul	-0.01

Target Compounds

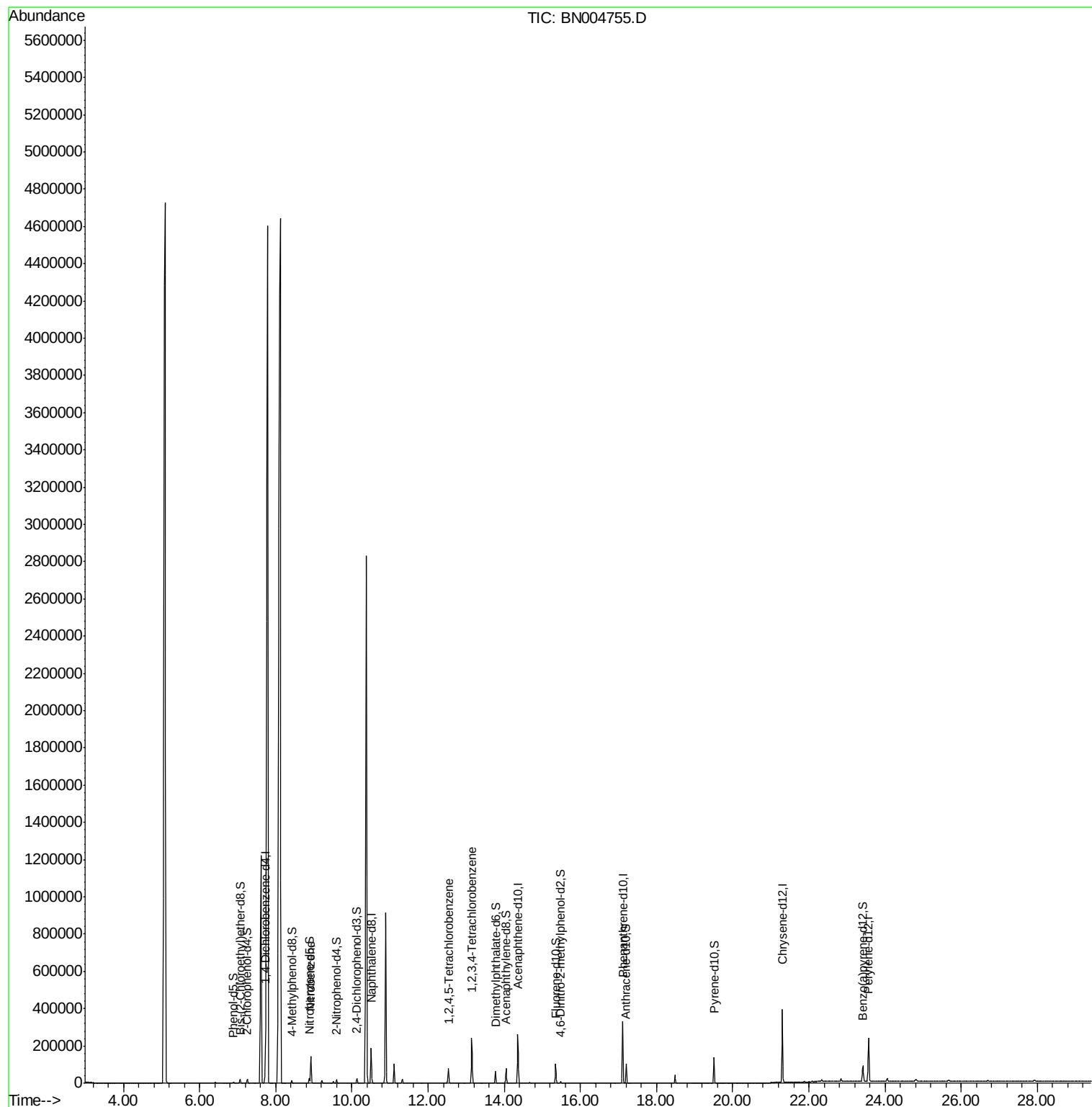
					Ovalue
20) Nitrobenzene	8.92	77	79249	31.610	ng/ul 100
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	28905	8.968	ng/ul 97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	79626	25.922	ng/uL 98

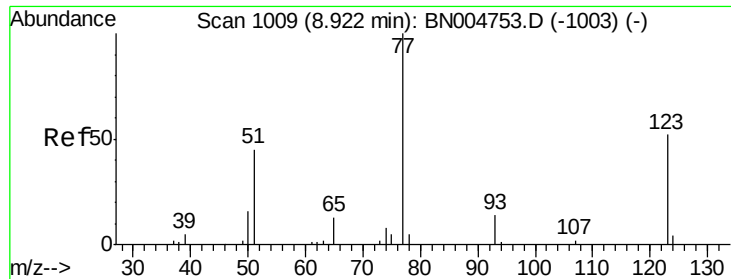
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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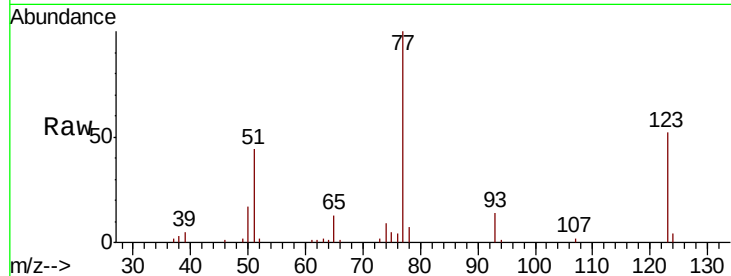




#20
Nitrobenzene
Concen: 31.610 ng/ul
RT: 8.92 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BN004755.D
Acq: 14 Mar 2019 09:49

Instrument :
BNA_N
ClientSampleId :
C0BR0DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	51.8	41.6	62.4
65	13.1	10.2	15.4

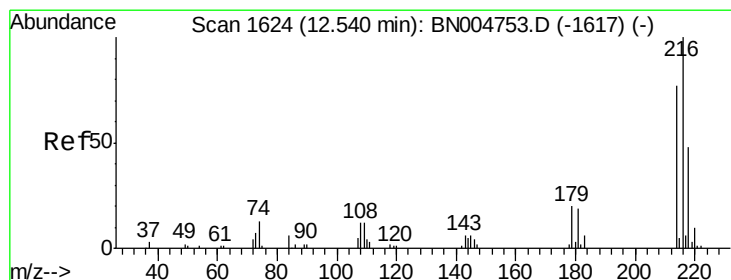
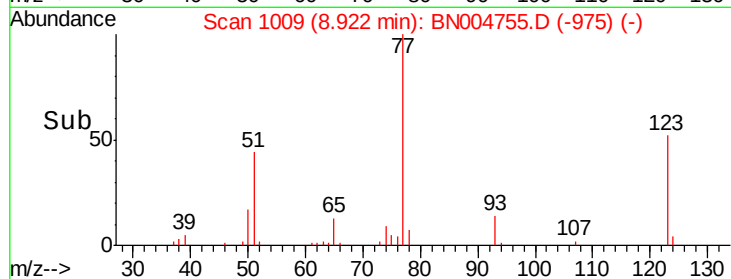
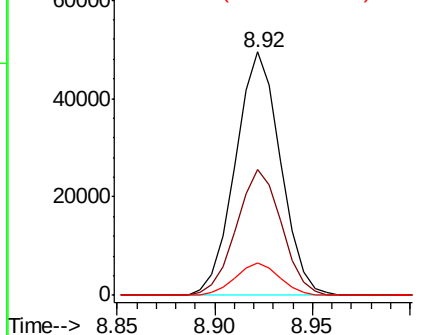


Abundance

Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC



#37
1,2,4,5-Tetrachlorobenzene
Concen: 8.968 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BN004755.D
Acq: 14 Mar 2019 09:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	60.9	91.3
179	21.3	16.2	24.4
108	14.1	11.5	17.3

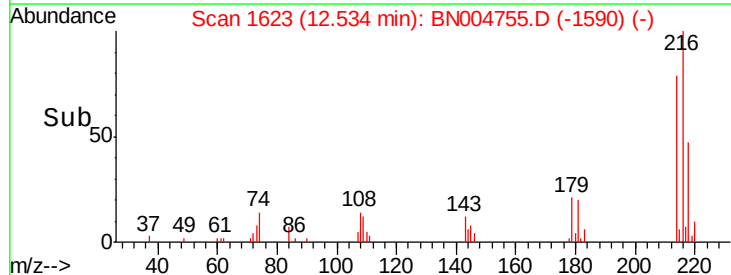
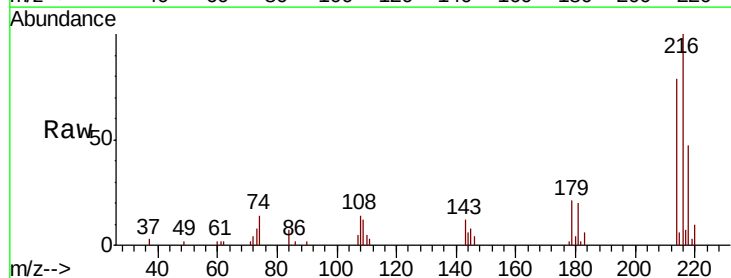
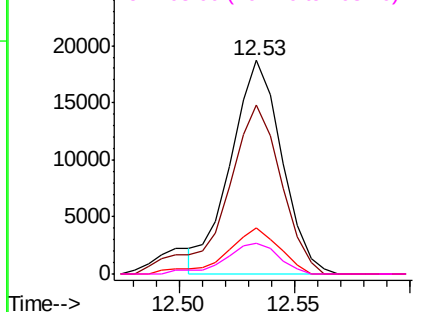
Abundance

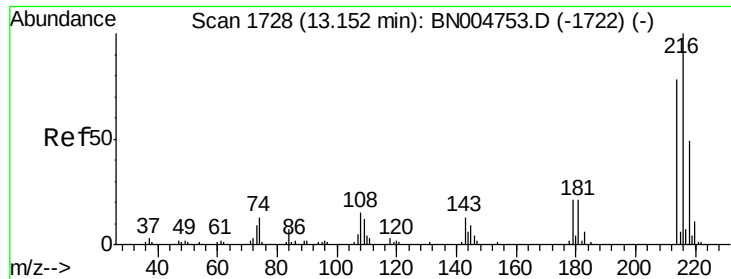
Ion 216.00 (215.70 to 216.70): BNC

Ion 214.00 (213.70 to 214.70): BNC

Ion 179.00 (178.70 to 179.70): BNC

Ion 108.00 (107.70 to 108.70): BNC





#73

1,2,3,4-Tetrachlorobenzene

Concen: 25.922 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BN004755.D

Acq: 14 Mar 2019 09:49

Instrument :

BNA_N

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C0BR0DL

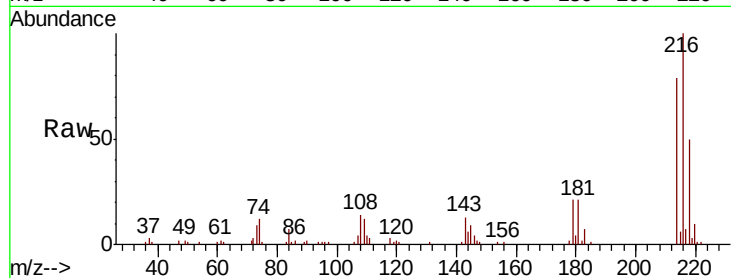
Tot Ion:216 Resp: 79626

Ion Ratio Lower Upper

216 100

214 79.1 61.9 92.9

218 49.7 38.7 58.1



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

