

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091818\
 Data File : BN002760.D
 Acq On : 18 Sep 2018 19:45
 Operator : JU/SJ
 Sample : J4893-20DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08K8DL

Manual Integrations
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Quant Time: Sep 19 02:27:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 19 01:57:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	156038	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	649324	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	344538	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	675831	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	621359	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	637235	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	930	0.27	ng/uL	0.00
5) Phenol-d5	6.84	99	21811	1.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	57726	7.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	61810	5.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	38363	3.74	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	33835	6.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	37752	6.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	64019	6.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	2056	0.17	ng/ul	0.02
43) Dimethylphthalate-d6	13.70	166	209433	7.77	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	255840	7.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	3361m	0.75	ng/ul	0.09
57) Fluorene-d10	15.28	176	187220	7.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	16211	3.83	ng/ul	0.01
70) Anthracene-d10	17.13	188	261146	8.09	ng/ul	0.00
78) Pyrene-d10	19.43	212	266801	8.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	273734	8.16	ng/ul	0.00
Target Compounds						
20) Nitrobenzene	8.84	77	387200	33.119	ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	63775	5.572	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	143321	12.413	ng/uL	97

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

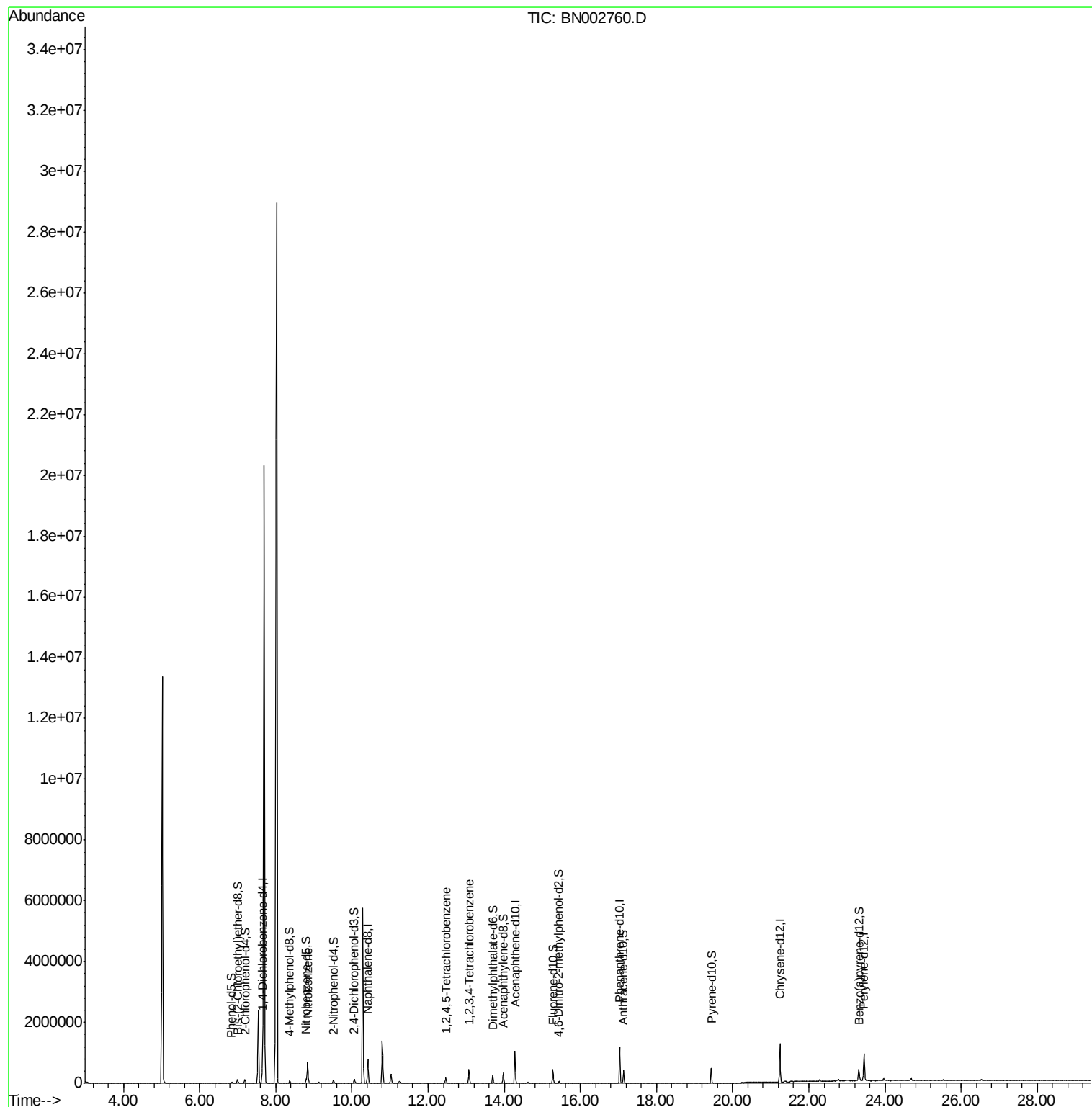
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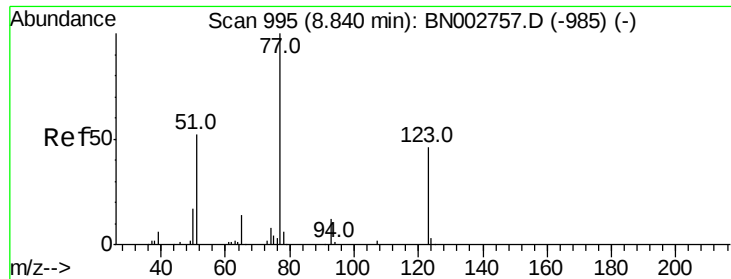
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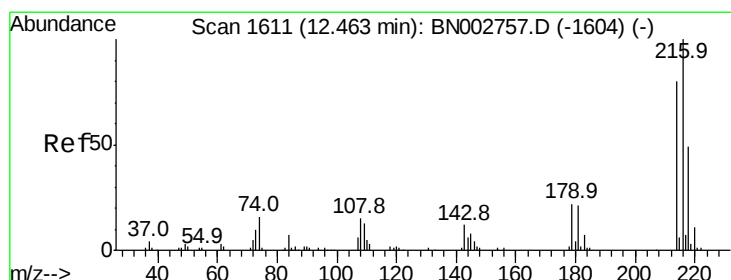
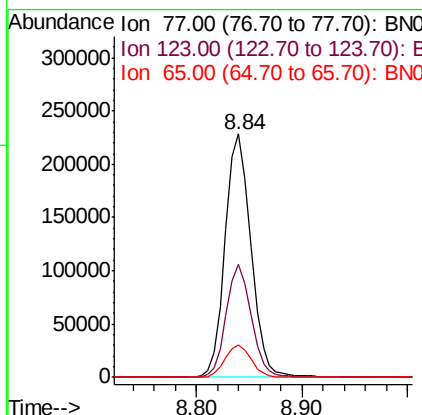
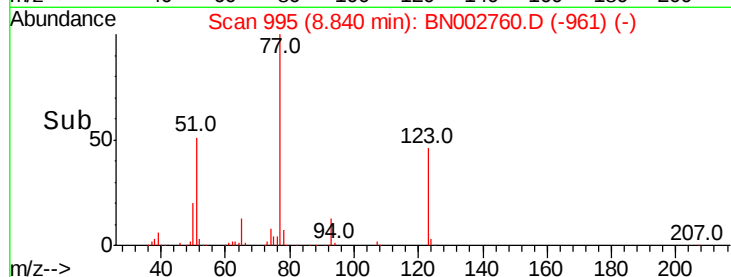
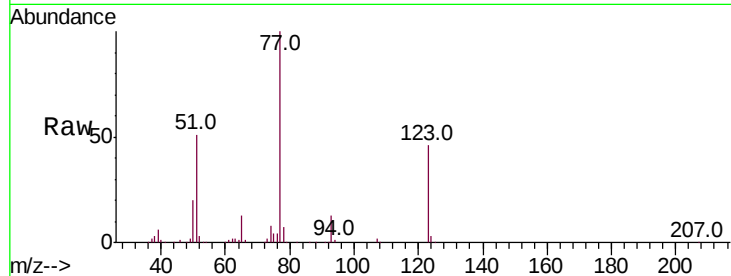
#20
Nitrobenzene
Concen: 33.119 ng/ul
RT: 8.84 min Scan# 995
Delta R.T. 0.00 min
Lab File: BN002760.D
Acq: 18 Sep 2018 19:45

Instrument :
BNA_N
ClientSampleId :
C08K8DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	46.4	35.8	53.8
65	13.3	11.1	16.7

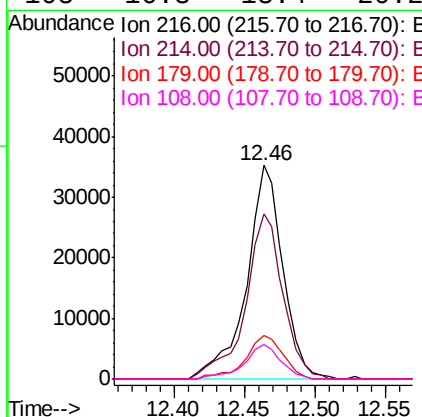
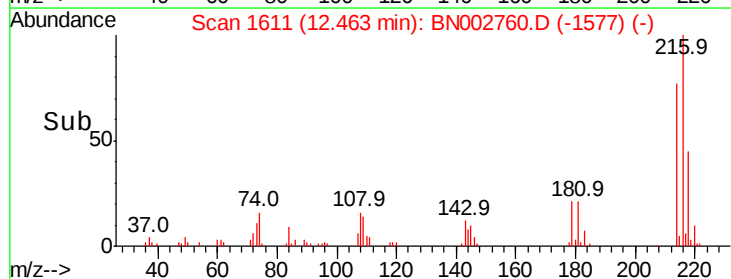
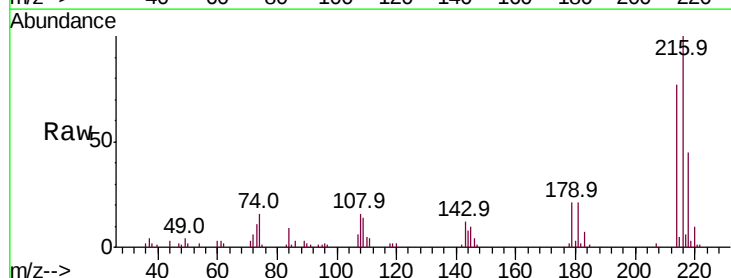
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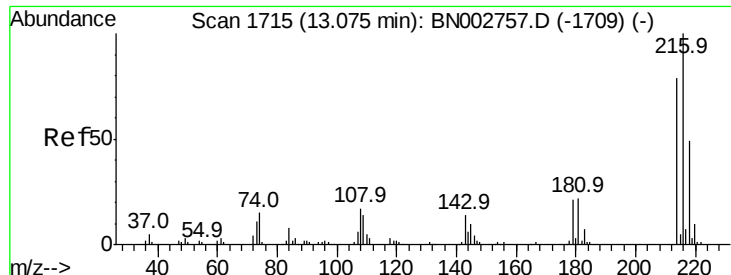
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 5.572 ng/ul
RT: 12.46 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BN002760.D
Acq: 18 Sep 2018 19:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.5	95.3
179	20.6	16.5	24.7
108	16.3	13.4	20.2





#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 12.413 ng/uL
 RT: 13.08 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BN002760.D
 Acq: 18 Sep 2018 19:45

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.1	62.9	94.3
218	50.4	37.8	56.6

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