

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
 Data File : BN002732.D
 Acq On : 17 Sep 2018 18:53
 Operator : JU/SJ
 Sample : J4893-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C08K6

Manual Integrations
 APPROVED

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 9/18/2018 6:16:47 PM

Quant Time: Sep 18 03:00:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 18 02:47:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	140469	20.00	ng/ul	0.01
18) Naphthalene-d8	10.42	136	570807	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	305220	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	642022	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	641228	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	671542	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	14175	4.66	ng/uL	0.00
5) Phenol-d5	6.84	99	86355	7.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	249768	33.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	268695	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	158734	17.18	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	162771	36.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	186533	37.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	289950	32.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	16814	1.61	ng/ul	0.01
43) Dimethylphthalate-d6	13.70	166	911837	38.17	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1166462	37.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	24471m	6.19	ng/ul	0.02
57) Fluorene-d10	15.28	176	784118	37.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	134325	33.45	ng/ul	0.00
70) Anthracene-d10	17.13	188	1174011	38.30	ng/ul	0.00
78) Pyrene-d10	19.44	212	1231000	36.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1371919	38.81	ng/ul	0.00

Target Compounds

					Ovalue
20) Nitrobenzene	8.85	77	960171	93.426	ng/ul 98
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	162367	16.013	ng/ul 96
44) Dimethylphthalate	13.75	163	158681	6.805	ng/ul 99
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	369508	33.689	ng/uL 99
73) Pentachlorobenzene	14.62	250	13980	1.428	ng/uL 97

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

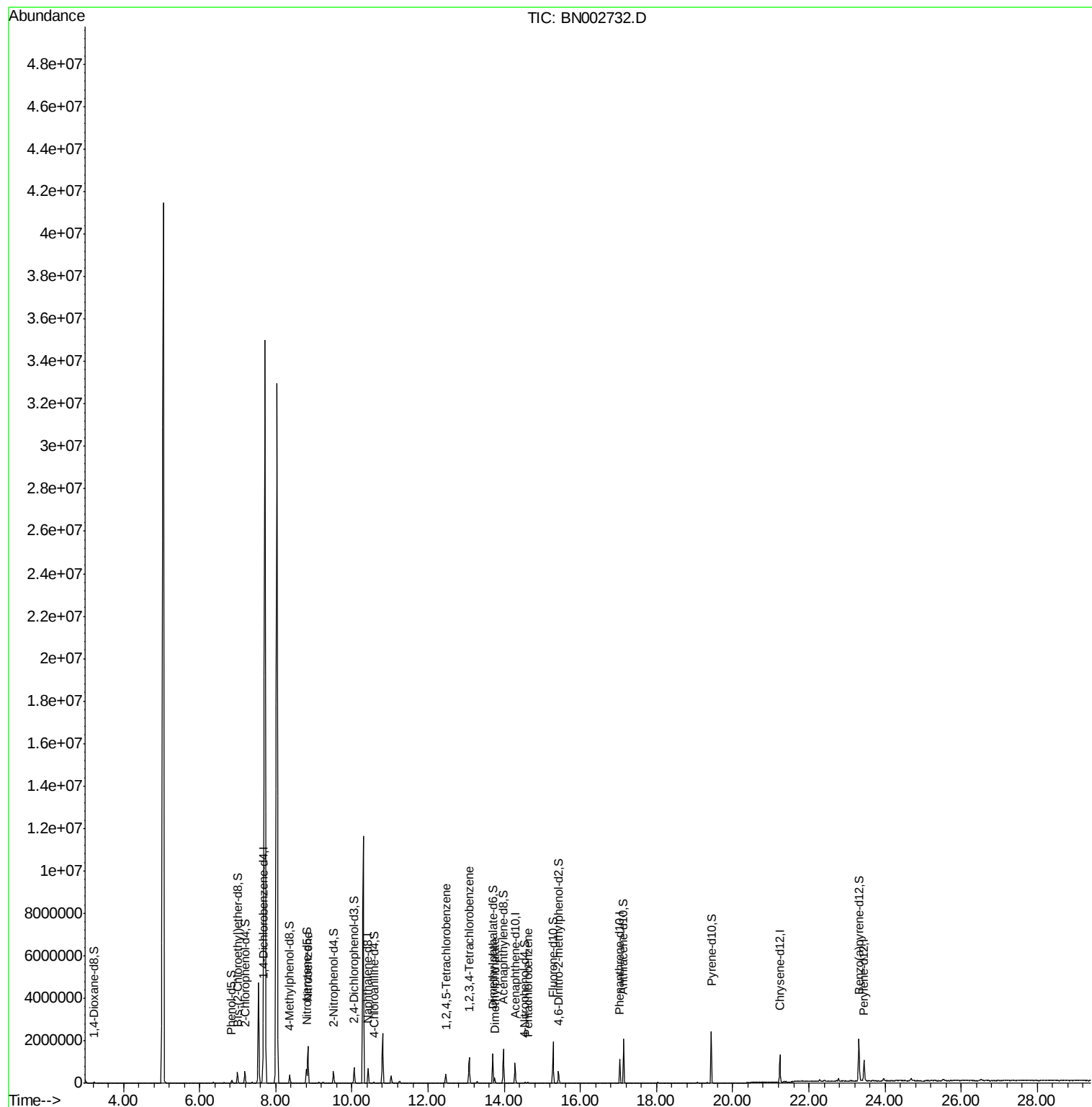
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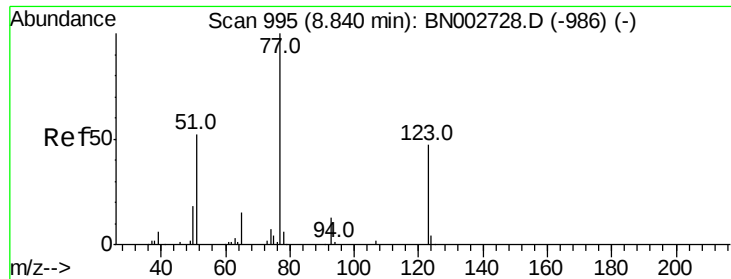
Instrument :
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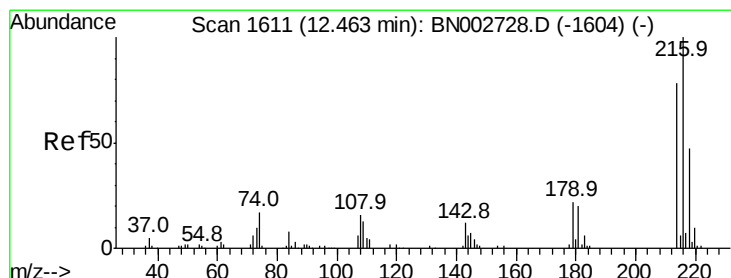
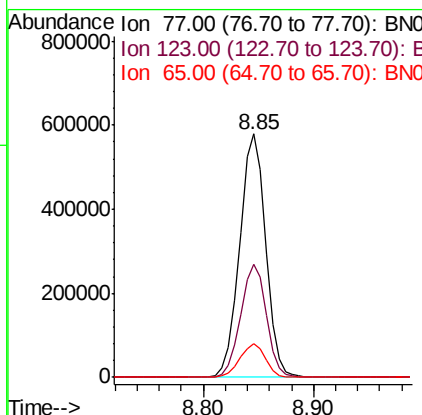
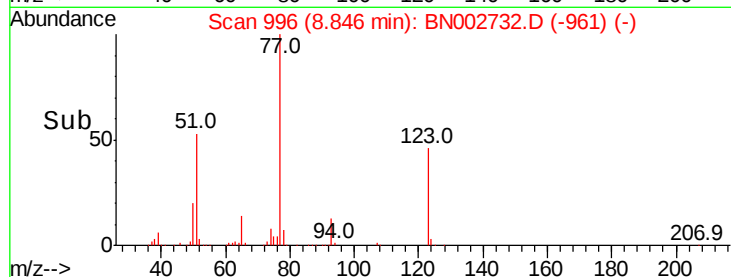
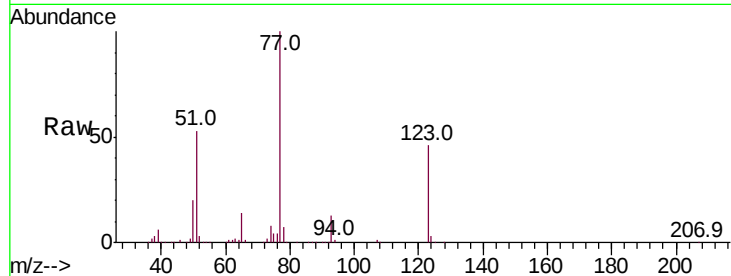
#20
Nitrobenzene
Concen: 93.426 ng/ul
RT: 8.85 min Scan# 996
Delta R.T. 0.01 min
Lab File: BN002732.D
Acq: 17 Sep 2018 18:53

Instrument :
BNA_N
ClientSampled :
C08K6

Tot Ion:	77	Resp:	960171
Ion Ratio	Lower	Upper	
77	100		
123	46.4	35.8	53.8
65	13.8	11.1	16.7

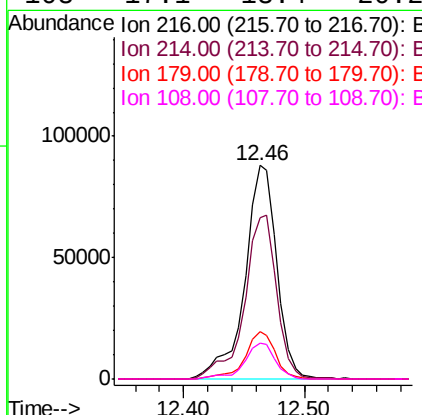
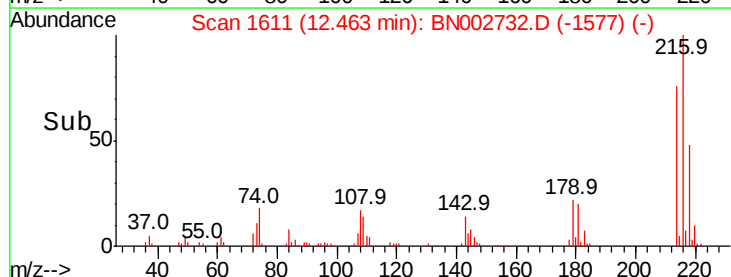
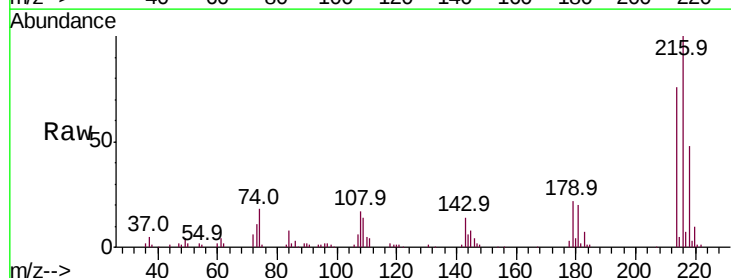
Manual Integrations
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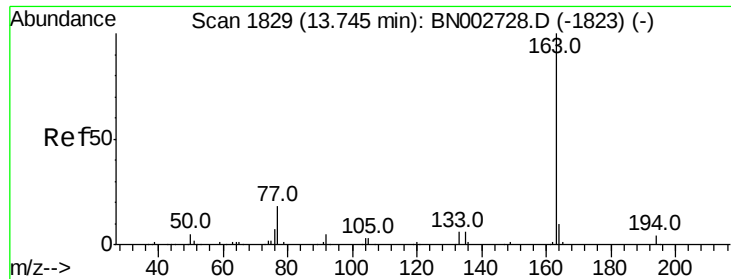
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 16.013 ng/ul
RT: 12.46 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BN002732.D
Acq: 17 Sep 2018 18:53

Tgt Ion:	216	Resp:	162367
Ion Ratio	Lower	Upper	
216	100		
214	75.5	63.5	95.3
179	22.0	16.5	24.7
108	17.1	13.4	20.2





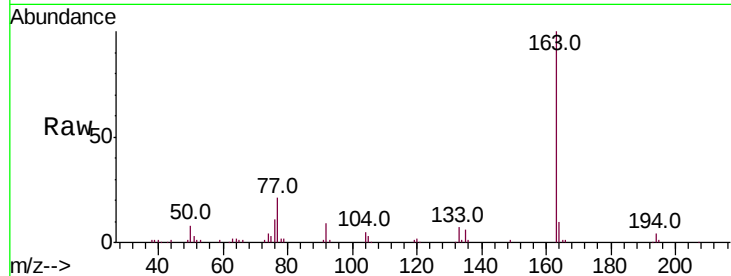
#44
Dimethylphthalate
Concen: 6.805 ng/uL
RT: 13.75 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN002732.D
Acq: 17 Sep 2018 18:53

Instrument :
BNA_N
ClientSampleId :
C08K6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	158681		
194	4.1	3.5	5.3	
164	10.0	8.1	12.1	

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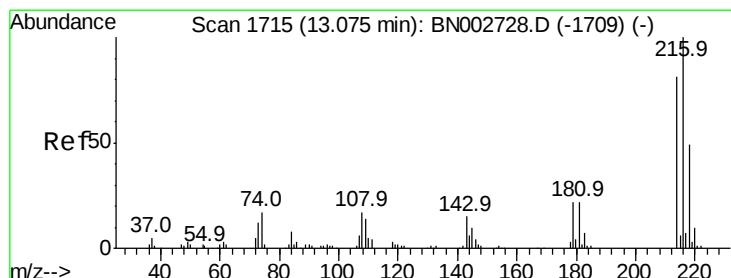
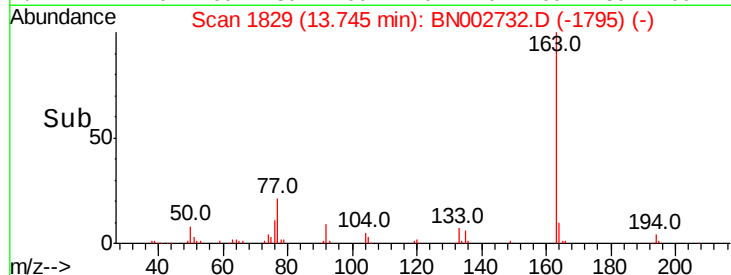
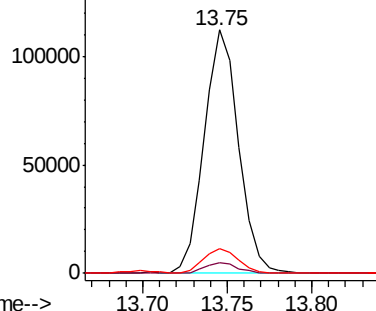


Abundance

Ion 163.00 (162.70 to 163.70): E

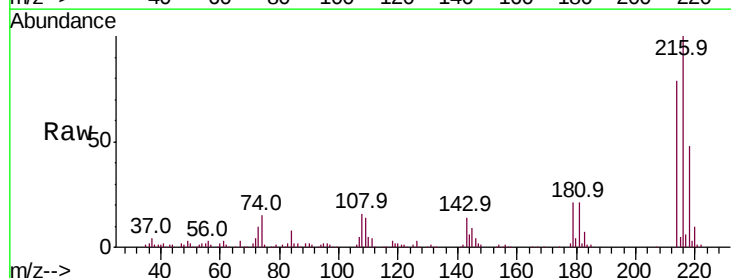
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#72
1,2,3,4-Tetrachlorobenzene
Concen: 33.689 ng/uL
RT: 13.08 min Scan# 1716
Delta R.T. 0.01 min
Lab File: BN002732.D
Acq: 17 Sep 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	369508		
214	79.0	62.9	94.3	
218	48.3	37.8	56.6	

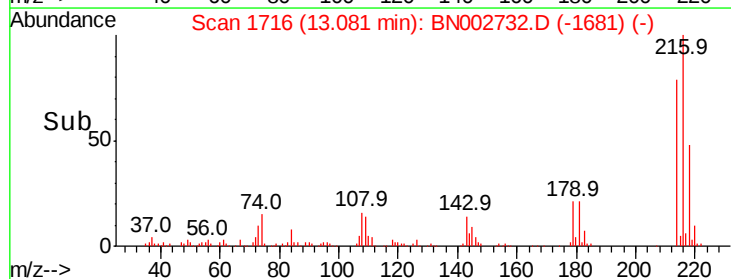
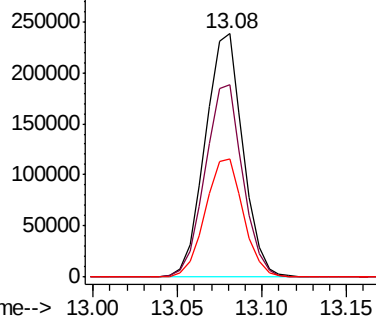


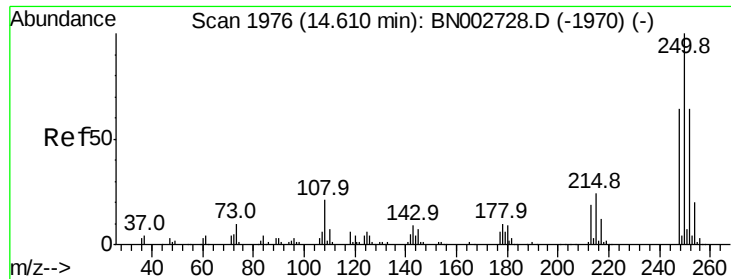
Abundance

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





#73
 Pentachlorobenzene
 Concen: 1.428 ng/uL
 RT: 14.62 min Scan# 1977
 Delta R.T. 0.01 min
 Lab File: BN002732.D
 Acq: 17 Sep 2018 18:53

Instrument :
 BNA_N
 ClientSampleId :
 C08K6

Tot Ion	Ratio	Lower	Upper
250	100		
248	63.1	49.1	73.7
252	66.7	51.0	76.4

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