

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
 Data File : BN002759.D
 Acq On : 18 Sep 2018 19:10
 Operator : JU/SJ
 Sample : J4893-05DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08K6DL

Manual Integrations
 APPROVED

Sohil
 9/19/2018 5:12:14 PM

Quant Time: Sep 19 02:23:06 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	154721	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	640034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	332664	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	665324	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	629321	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	657982	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	2288	0.68	ng/uL	0.00
5) Phenol-d5	6.84	99	45534	3.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	144153	17.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	151671	14.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	89423	8.79	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	89121	17.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	101205	18.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	161828	15.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	9867	0.84	ng/ul	0.02
43) Dimethylphthalate-d6	13.70	166	508944	19.54	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	646318	19.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	9247m	2.15	ng/ul	0.04
57) Fluorene-d10	15.28	176	438274	19.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	55860	13.42	ng/ul	0.00
70) Anthracene-d10	17.13	188	634718	19.98	ng/ul	0.00
78) Pyrene-d10	19.43	212	647776	19.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	702633	20.29	ng/ul	0.00

Target Compounds

					Ovalue
20) Nitrobenzene	8.84	77	549293	47.666 ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	90891	8.225 ng/ul	97
44) Dimethylphthalate	13.75	163	89026	3.503 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	211563	18.613 ng/uL	98

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

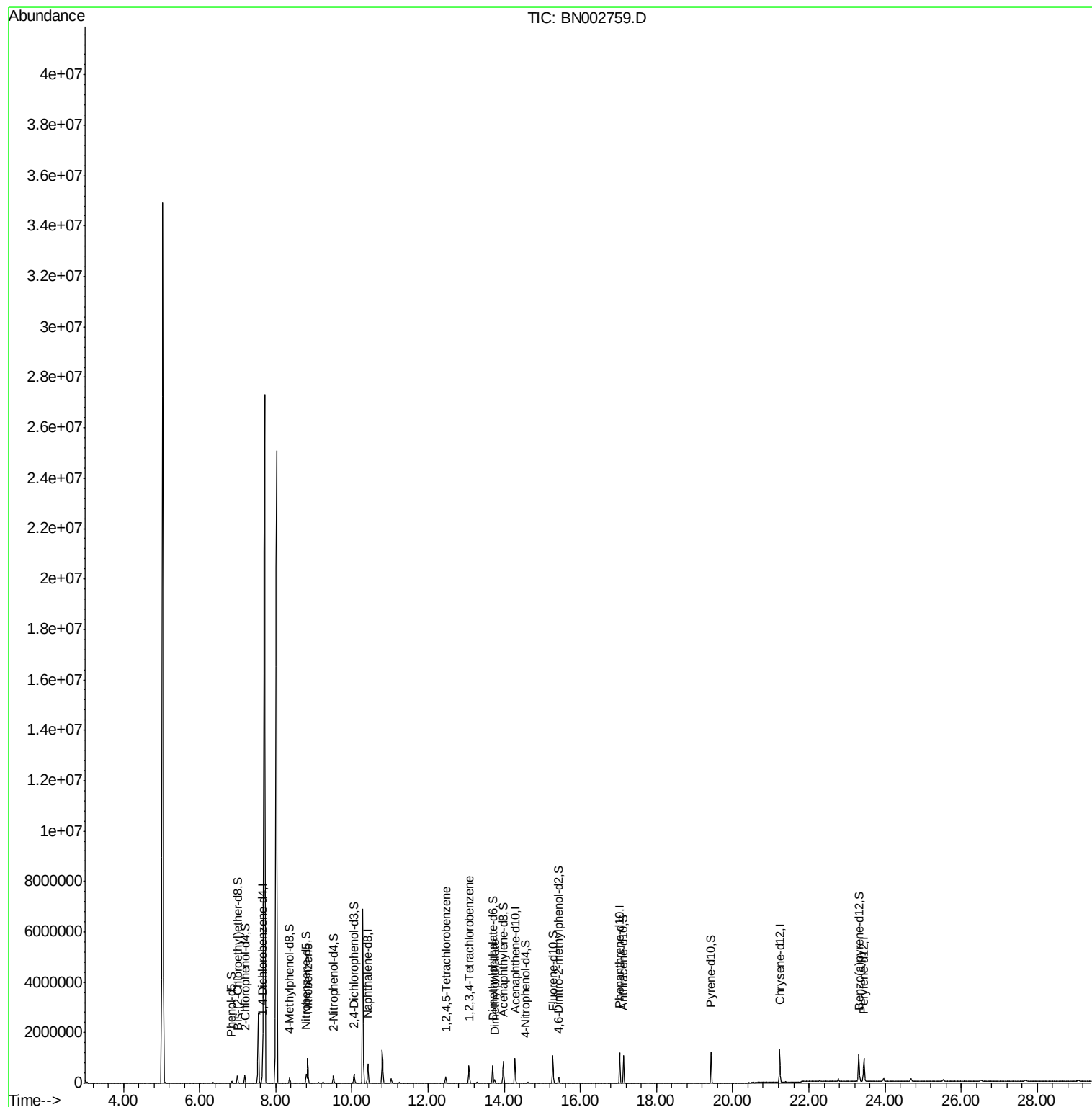
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
Data File : BN002759.D
Acq On : 18 Sep 2018 19:10
Operator : JU/SJ
Sample : J4893-05DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

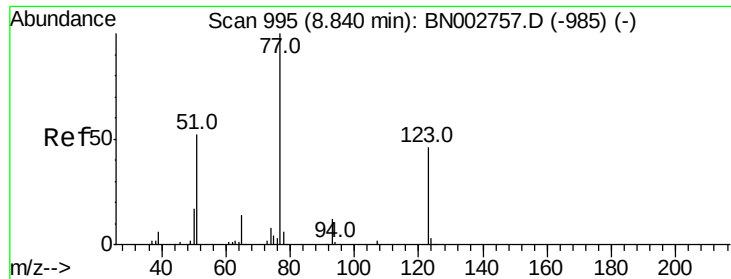
Instrument :
BNA_N
ClientSampleId :
C08K6DL

Manual Integrations
APPROVED

Sohil
9/19/2018 5:12:14 PM

Quant Time: Sep 19 02:23:06 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





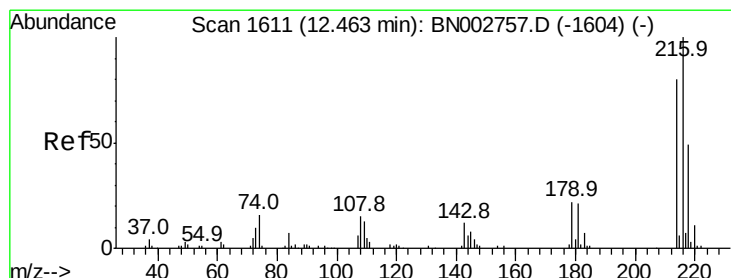
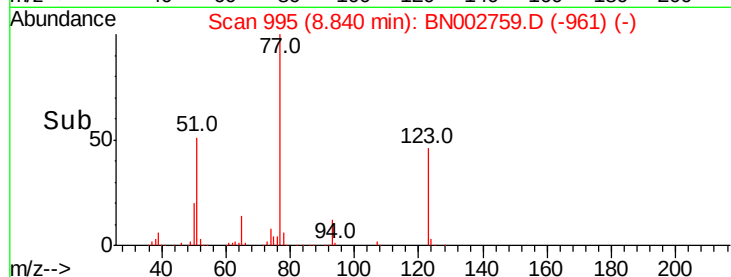
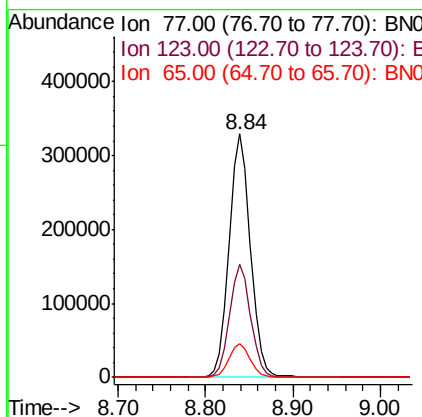
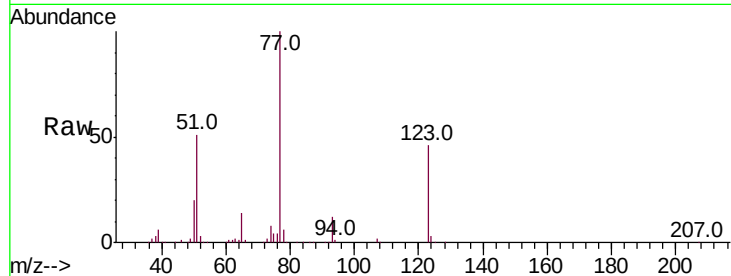
#20
Nitrobenzene
Concen: 47.666 ng/ul
RT: 8.84 min Scan# 995
Delta R.T. 0.00 min
Lab File: BN002759.D
Acq: 18 Sep 2018 19:10

Instrument :
BNA_N
ClientSampled :
C08K6DL

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.4	35.8	53.8	
65	13.7	11.1	16.7	

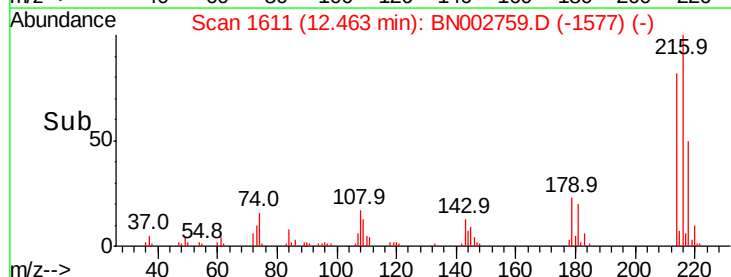
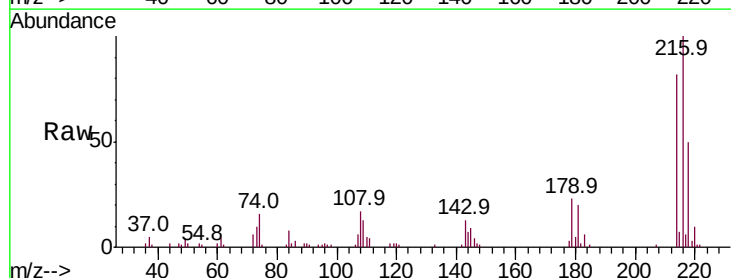
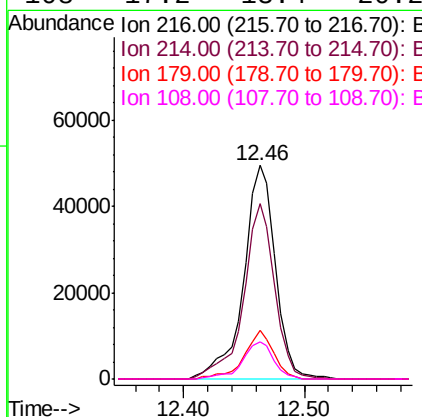
Manual Integrations
APPROVED

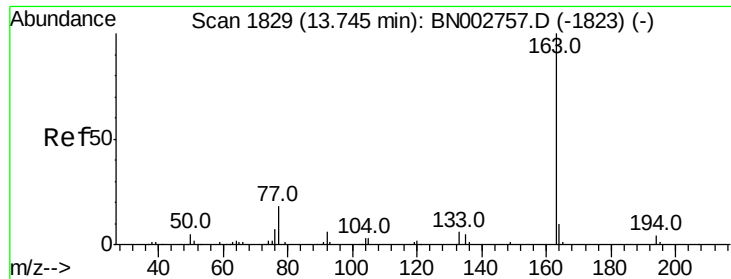
Sohil
9/19/2018 5:12:14 PM



#36
1,2,4,5-Tetrachlorobenzene
Concen: 8.225 ng/ul
RT: 12.46 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BN002759.D
Acq: 18 Sep 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	82.3	63.5	95.3	
179	22.9	16.5	24.7	
108	17.2	13.4	20.2	





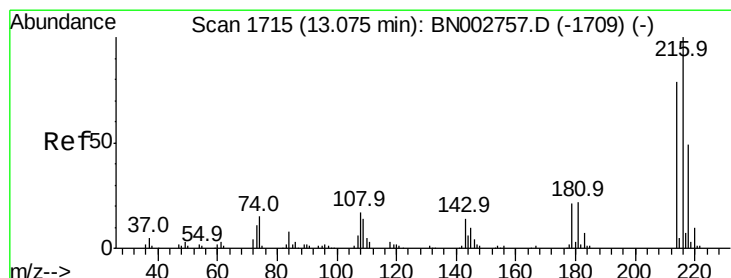
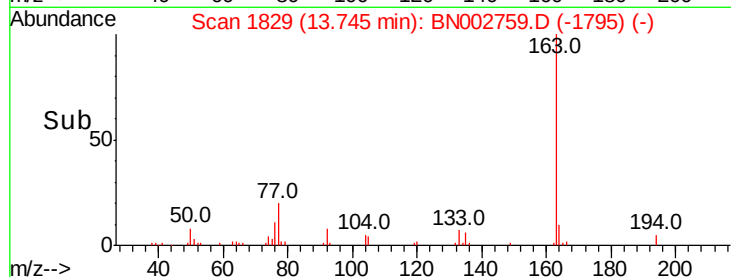
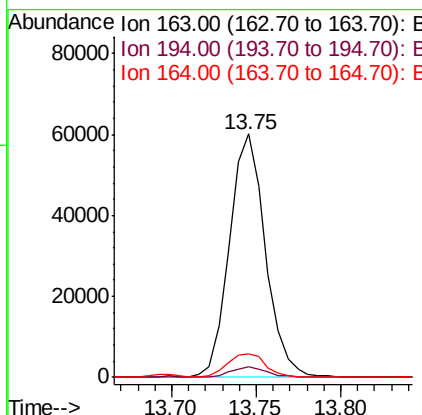
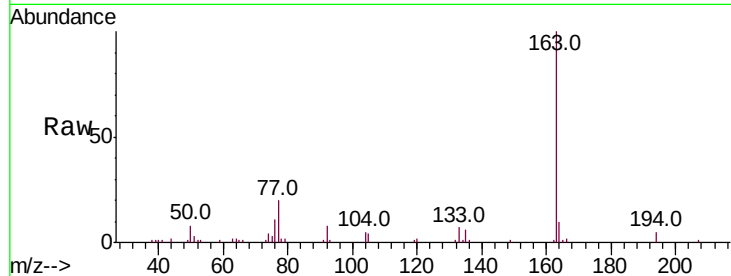
#44
Dimethylphthalate
Concen: 3.503 ng/uL
RT: 13.75 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BN002759.D
Acq: 18 Sep 2018 19:10

Instrument :
BNA_N
ClientSampleId :
C08K6DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	89026		
194	4.6		3.5	5.3
164	9.7		8.1	12.1

Manual Integrations
APPROVED

Sohil
9/19/2018 5:12:14 PM



#72
1,2,3,4-Tetrachlorobenzene
Concen: 18.613 ng/uL
RT: 13.07 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BN002759.D
Acq: 18 Sep 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	211563		
214	77.7		62.9	94.3
218	48.8		37.8	56.6

