

Data File : BN003946.D
Acq On : 14 Dec 2018 23:48
Operator : JU/SJ
Sample : J6383-02DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0935DL

Quant Time: Dec 15 01:28:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 22:50:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	35180	20.00	ng/ul	0.01
18) Naphthalene-d8	10.63	136	160886	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.47	164	97616	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	238042	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	310189	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	290755	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	244	0.45	ng/uL	0.00
5) Phenol-d5	6.99	99	4938	1.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	12143	6.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	15097	5.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	9704	3.35	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	9370	7.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	10161	7.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	17735	6.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	1026	0.41	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	60727	6.97	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	78501	7.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	1943	1.08	ng/ul	0.02
57) Fluorene-d10	15.46	176	56653	7.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	2035	1.19	ng/ul	0.00
70) Anthracene-d10	17.31	188	95615	7.95	ng/ul	0.00
78) Pyrene-d10	19.60	212	114848	8.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	126310	8.01	ng/ul	0.00

Target Compounds

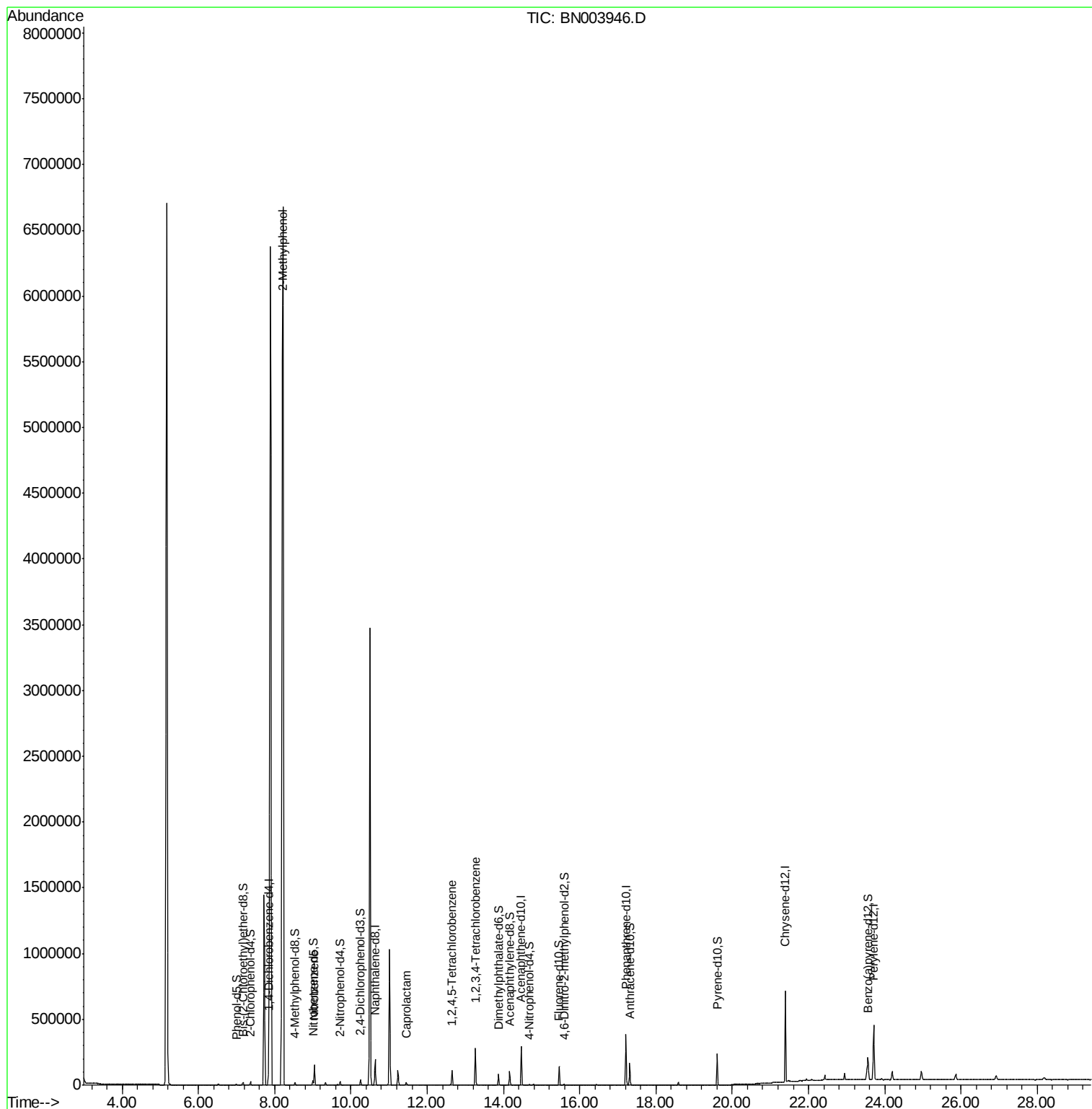
					Qvalue
11) 2-Methylphenol	8.22	108	31956	11.835 ng/ul	94
20) Nitrobenzene	9.05	77	88199	31.947 ng/ul	98
32) Caprolactam	11.45	113	1778	1.726 ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	38161	12.731 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	91426	30.668 ng/uL	99

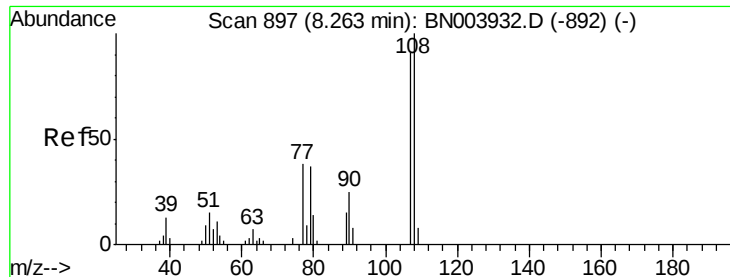
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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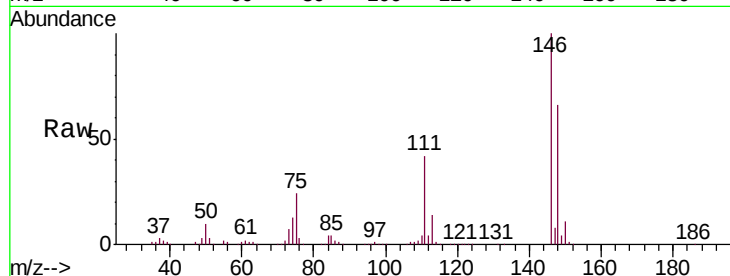




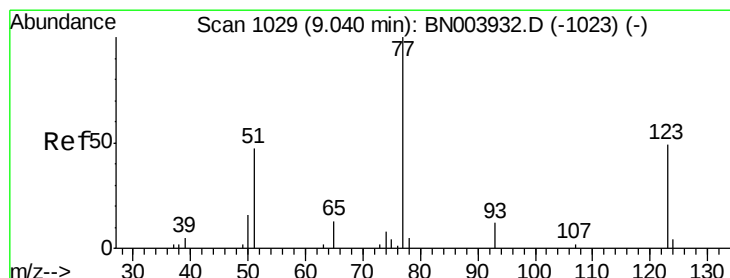
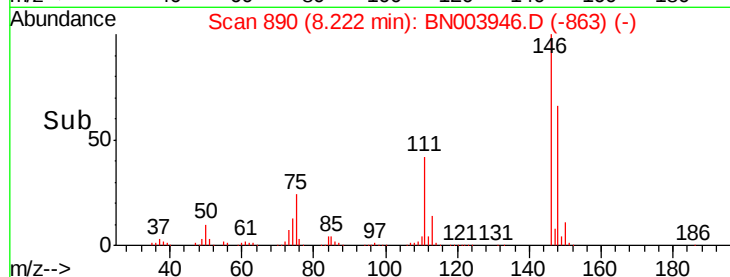
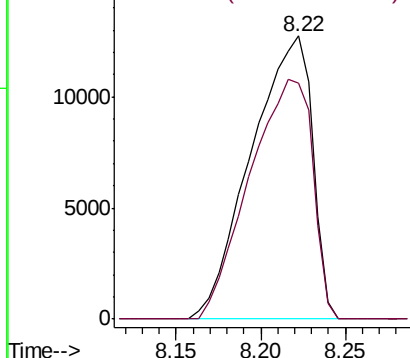
#11
2-Methylphenol
Concen: 11.835 ng/ul
RT: 8.22 min Scan# 890
Delta R.T. -0.04 min
Lab File: BN003946.D
Acq: 14 Dec 2018 23:48

Instrument :
BNA_N
ClientSampleId :
C0935DL

Tgt Ion:108 Resp: 31956
Ion Ratio Lower Upper
108 100
107 83.2 71.3 106.9

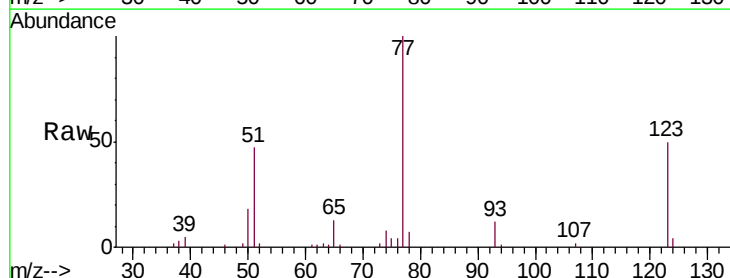


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

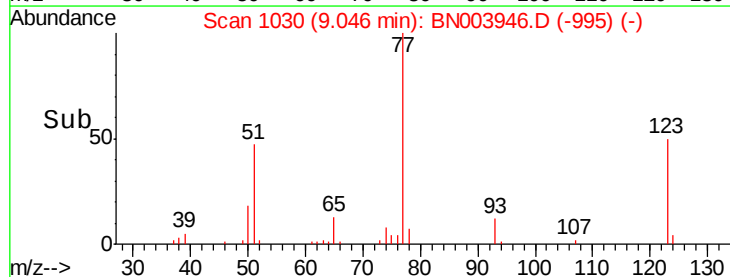
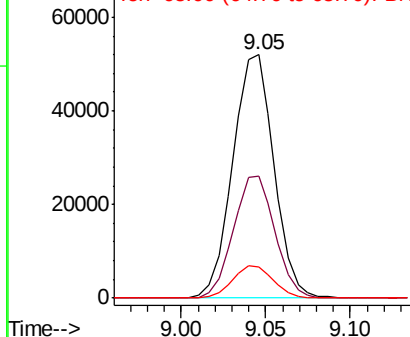


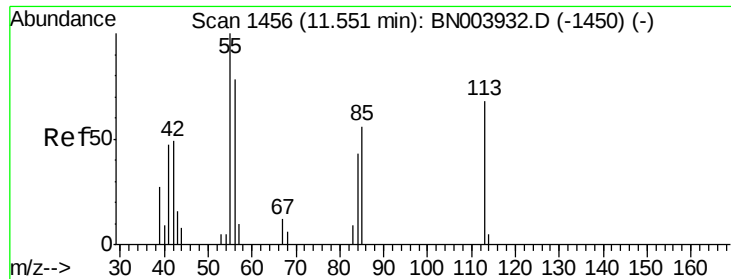
#20
Nitrobenzene
Concen: 31.947 ng/ul
RT: 9.05 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BN003946.D
Acq: 14 Dec 2018 23:48

Tgt Ion: 77 Resp: 88199
Ion Ratio Lower Upper
77 100
123 50.3 39.3 58.9
65 12.7 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BNC





#32

Caprolactam

Concen: 1.726 ng/ul

RT: 11.45 min Scan# 1439

Delta R.T. -0.10 min

Lab File: BN003946.D

Acq: 14 Dec 2018 23:48

Instrument :

BNA_N

ClientSampleId :

C0935DL

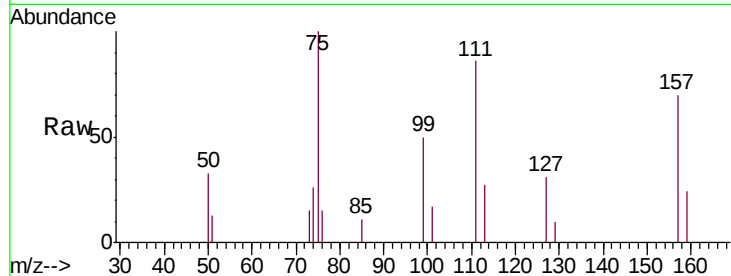
Tgt Ion:113 Resp: 1778

Ion Ratio Lower Upper

113 100

55 0.0 116.6 175.0#

56 0.0 89.9 134.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC

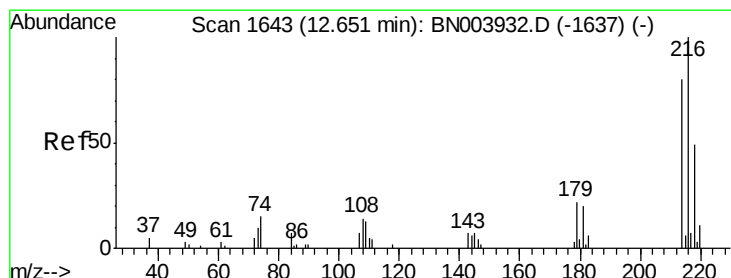
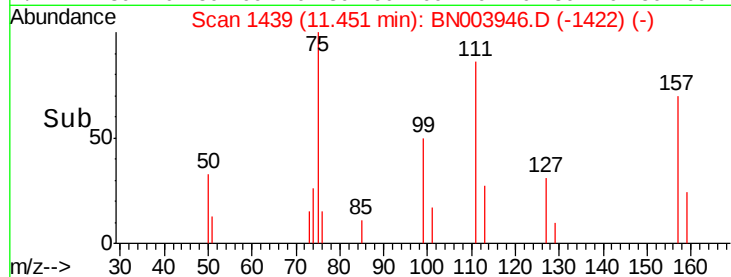
11.45

1000

500

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 12.731 ng/ul

RT: 12.65 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BN003946.D

Acq: 14 Dec 2018 23:48

Tgt Ion:216 Resp: 38161

Ion Ratio Lower Upper

216 100

214 80.8 65.2 97.8

179 21.9 16.8 25.2

108 16.7 12.8 19.2

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.65

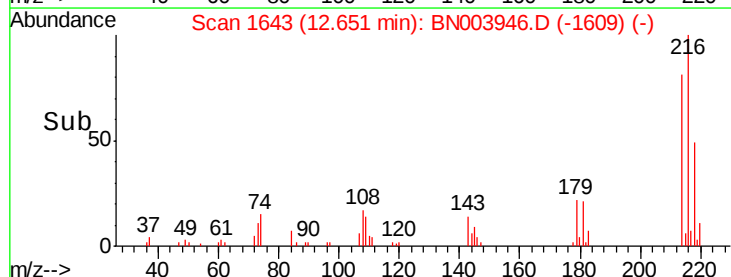
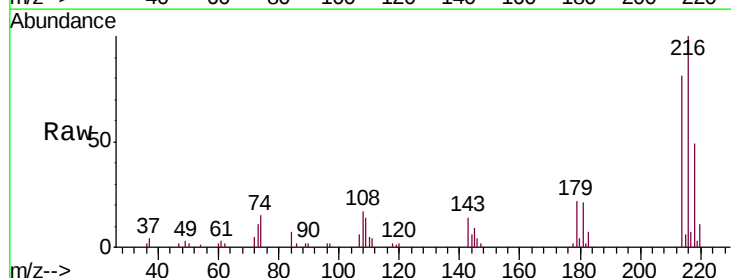
30000

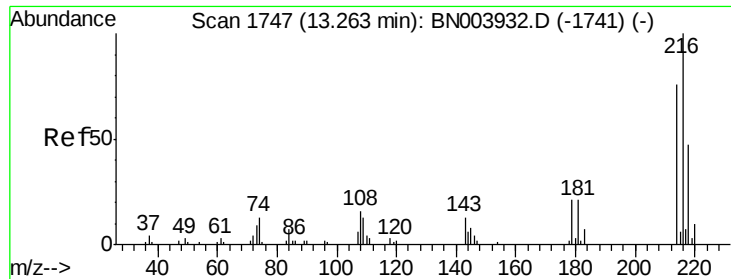
20000

10000

0

Time-->

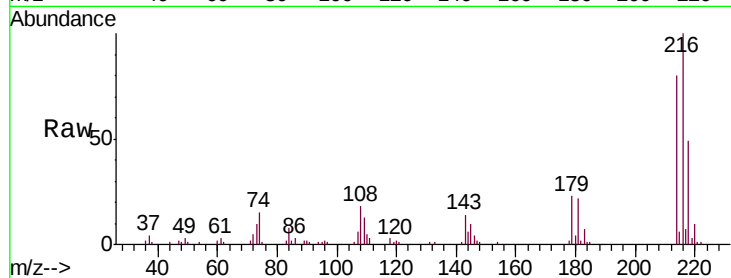




#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 30.668 ng/uL
 RT: 13.26 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BN003946.D
 Acq: 14 Dec 2018 23:48

Instrument :
 BNA_N
 ClientSampleId :
 C0935DL

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.8	95.8
218	49.2	38.9	58.3



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

