

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
 Data File : BN005806.D
 Acq On : 20 May 2019 19:09
 Operator : JU/SJ
 Sample : K2742-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C26DL

Quant Time: May 21 04:09:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 04:05:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	129702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	539822	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	358321	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	887685	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	858169	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	738804	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	1348	0.58	ng/uL	0.00
5) Phenol-d5	6.77	99	25045	2.50	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	68604	13.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	85929	10.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	51673	6.03	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	56928	14.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	57383	12.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	105120	12.17	ng/ul	0.01
29) 4-Chloroaniline-d4	10.35	131	254	0.03	ng/ul	-0.14
43) Dimethylphthalate-d6	13.63	166	416798	15.12	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	506937	15.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	4067	1.05	ng/ul	0.07
57) Fluorene-d10	15.21	176	371431	15.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	40898	7.67	ng/ul	0.01
70) Anthracene-d10	17.07	188	623635	16.26	ng/ul	0.00
78) Pyrene-d10	19.39	212	722815	17.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	553118	16.69	ng/ul	-0.01

Target Compounds

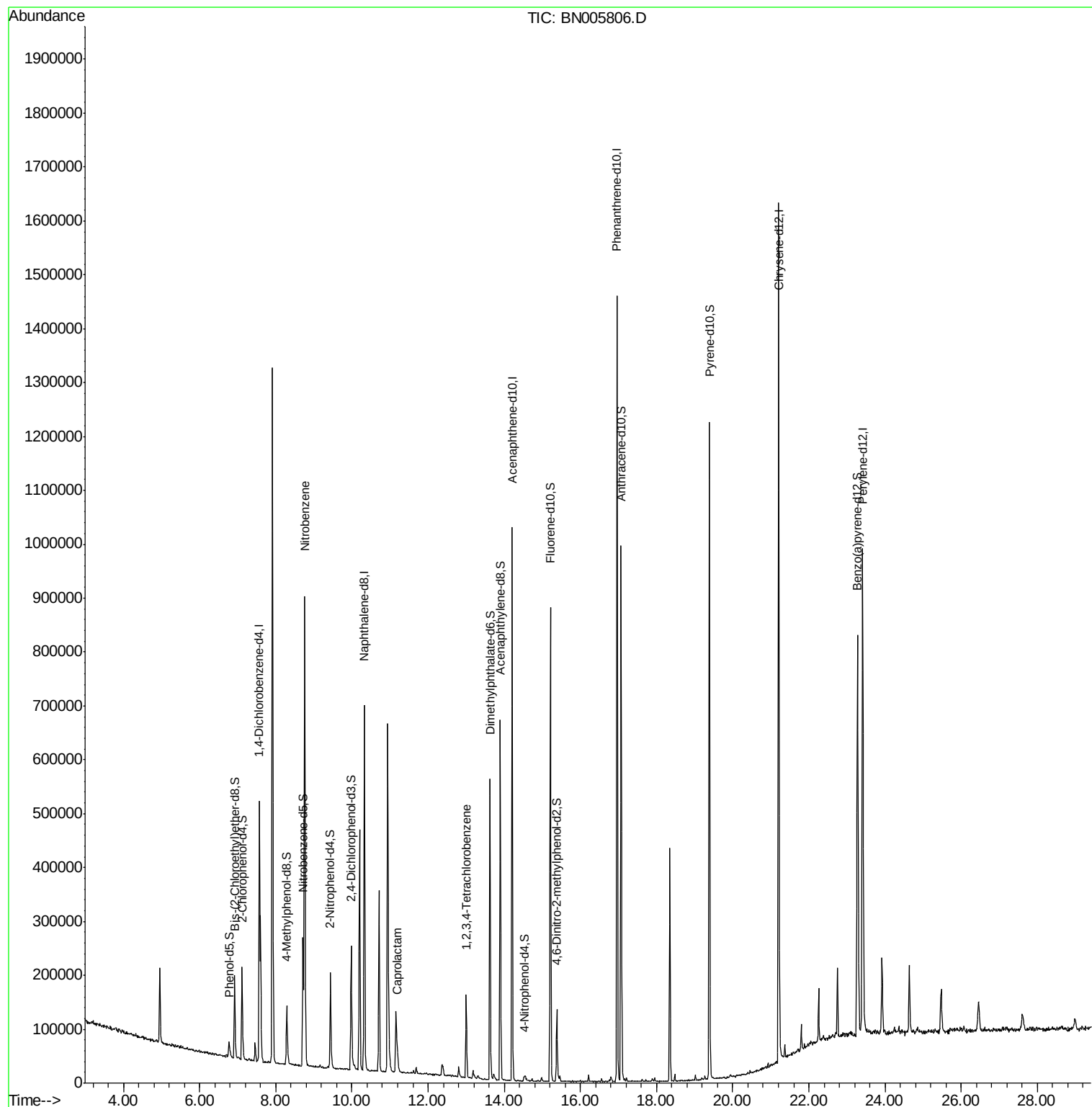
					Ovalue	
20) Nitrobenzene	8.76	77	479476	52.934	ng/ul	95
32) Caprolactam	11.19	113	4476	1.470	ng/ul#	1
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	54367	4.568	ng/uL	96

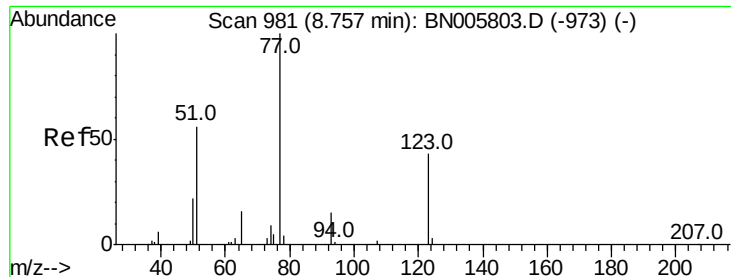
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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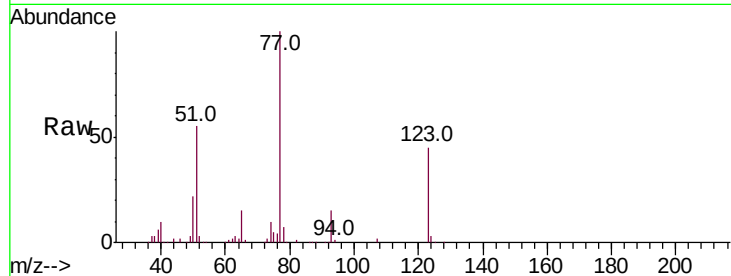




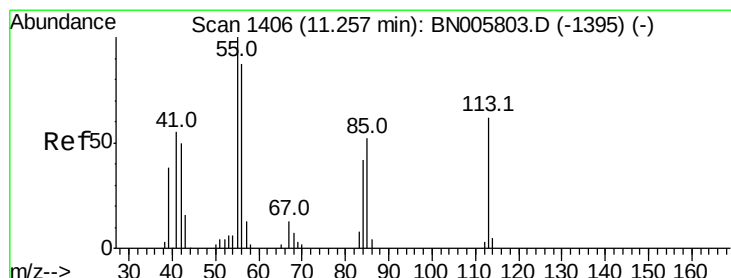
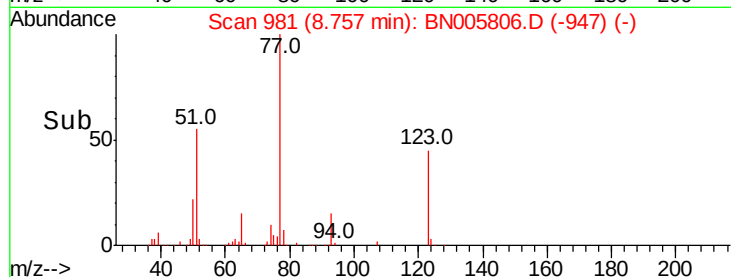
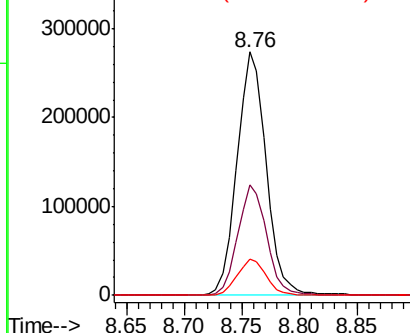
#20
 Nitrobenzene
 Concen: 52.934 ng/ul
 RT: 8.76 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BN005806.D
 Acq: 20 May 2019 19:09

Instrument :
 BNA_N
 ClientSampled :
 C0C26DL

Tot Ion: 77 Resp: 479476
 Ion Ratio Lower Upper
 77 100
 123 45.3 32.6 49.0
 65 14.7 11.6 17.4

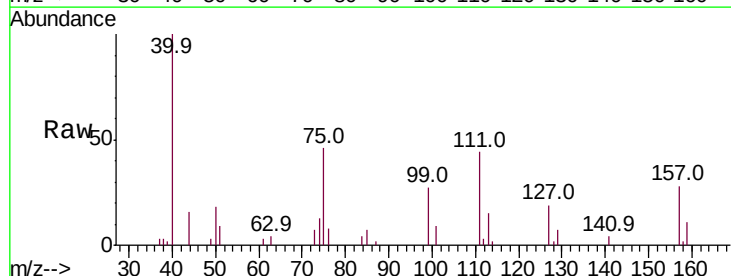


Abundance Ion 77.00 (76.70 to 77.70): BN0
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BN0

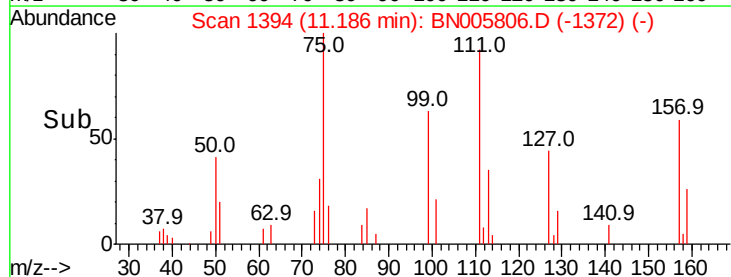
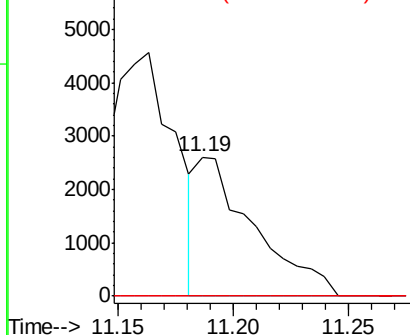


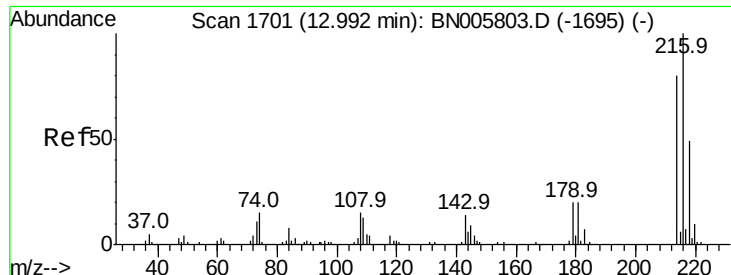
#32
 Caprolactam
 Concen: 1.470 ng/ul
 RT: 11.19 min Scan# 1394
 Delta R.T. -0.07 min
 Lab File: BN005806.D
 Acq: 20 May 2019 19:09

Tgt Ion: 113 Resp: 4476
 Ion Ratio Lower Upper
 113 100
 55 0.0 157.0 235.4#
 56 0.0 119.1 178.7#



Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BN0
 Ion 56.00 (55.70 to 56.70): BN0





#72

1,2,3,4-Tetrachlorobenzene

Concen: 4.568 ng/uL

RT: 13.00 min Scan# 1703

Delta R.T. 0.01 min

Lab File: BN005806.D

Acq: 20 May 2019 19:09

Instrument :

BNA_N

ClientSampleId :

C0C26DL

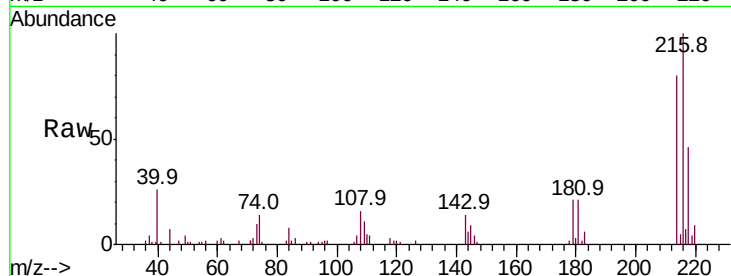
Tot Ion:216 Resp: 54367

Ion Ratio Lower Upper

216 100

214 79.9 60.8 91.2

218 45.7 38.6 58.0



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

