

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081018\
 Data File : BN002296.D
 Acq On : 10 Aug 2018 20:46
 Operator : JU/SJ
 Sample : J4406-01DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 11 00:35:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 11 00:34:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	224736	20.00	ng/ul	0.01
18) Naphthalene-d8	10.46	136	1009413	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	543473	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1034554	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	775500	20.00	ng/ul	-0.01
85) Perylene-d12	23.48	264	777240	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.25	96	7042	1.41	ng/uL	0.01
5) Phenol-d5	6.87	99	25056	1.18	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.03	67	81855	6.35	ng/ul	0.01
9) 2-Chlorophenol-d4	7.22	132	80152	4.79	ng/ul	0.01
13) 4-Methylphenol-d8	8.39	113	49583	2.91	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	54183	6.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	54832	5.80	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.09	165	91621	5.35	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	1450	0.07	ng/ul	-0.12
43) Dimethylphthalate-d6	13.73	166	326150	7.08	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	405358	7.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	3416	0.39	ng/ul	0.04
57) Fluorene-d10	15.31	176	274850	6.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	27339	4.06	ng/ul	0.00
70) Anthracene-d10	17.16	188	371934	7.37	ng/ul	0.00
78) Pyrene-d10	19.46	212	339279	8.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	292276	6.96	ng/ul	-0.01

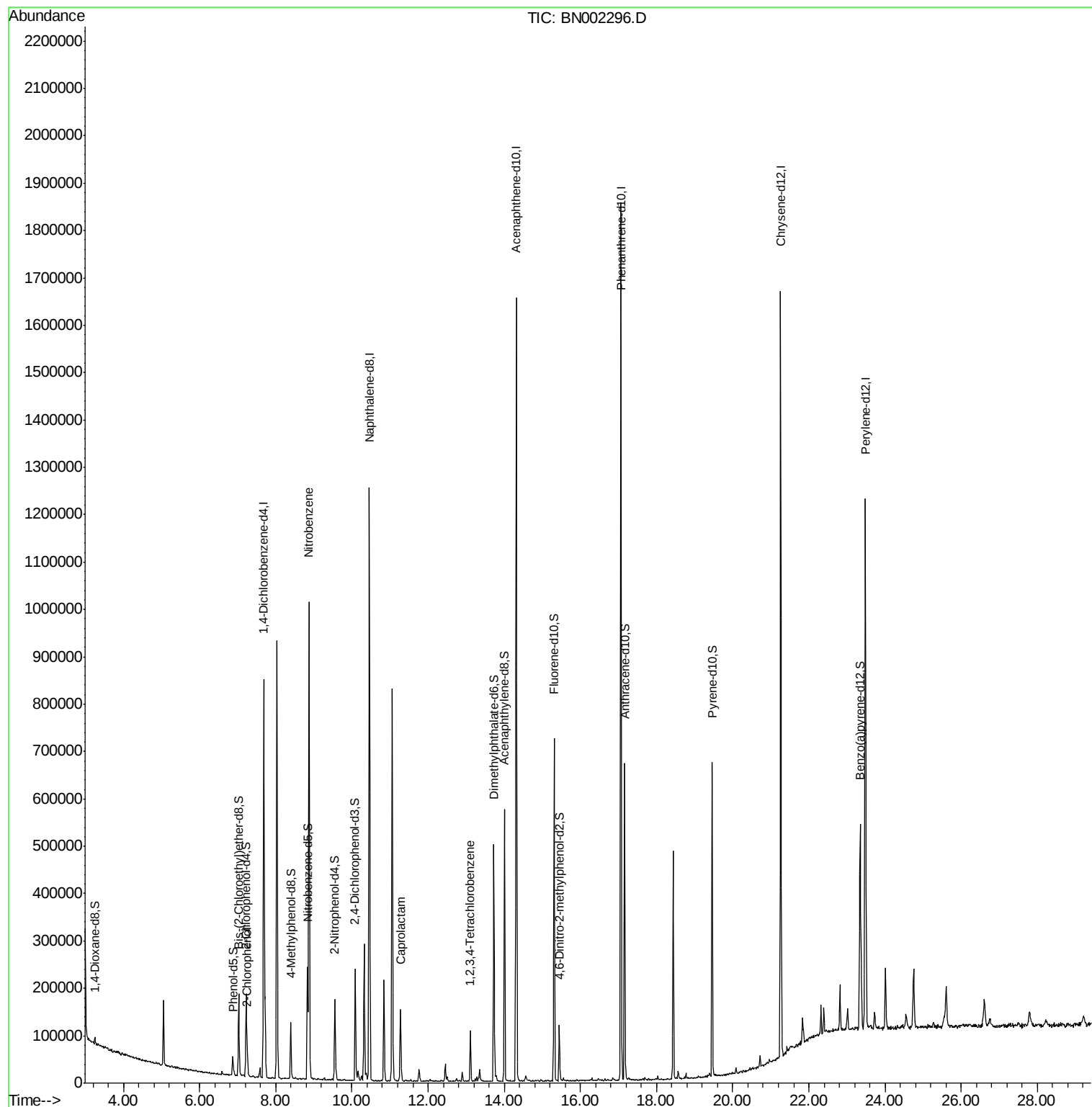
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 2-Chlorophenol	7.26	128	21965	1.317	ng/ul#	87
20) Nitrobenzene	8.88	77	546501	28.392	ng/ul	94
32) Caprolactam	11.27	113	12121	1.985	ng/ul#	1
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	31007	2.010	ng/uL	98

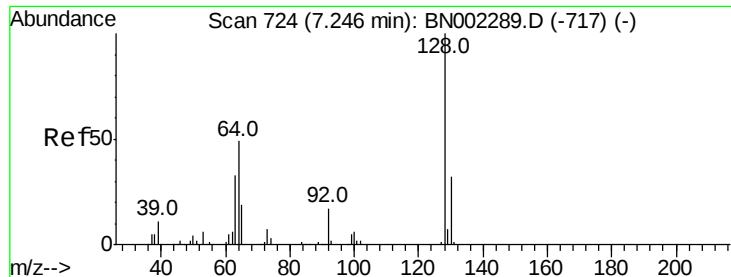
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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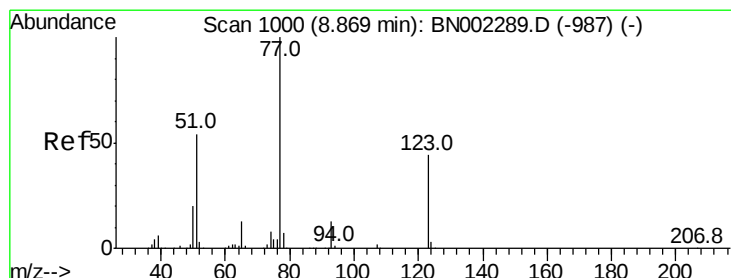
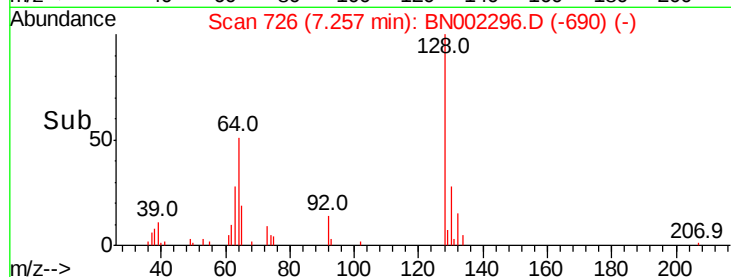
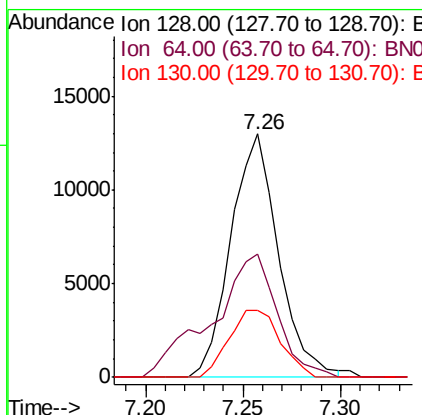
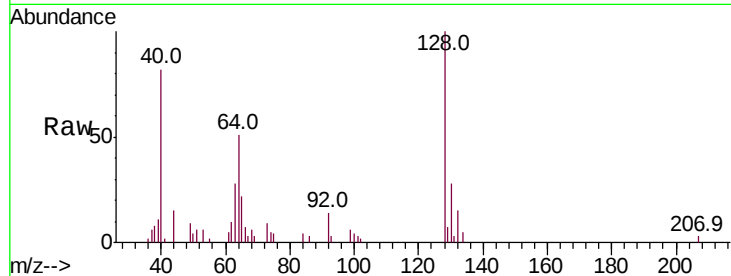




#10
2-Chlorophenol
Concen: 1.317 ng/ul
RT: 7.26 min Scan# 726
Delta R.T. 0.01 min
Lab File: BN002296.D
Acq: 10 Aug 2018 20:46

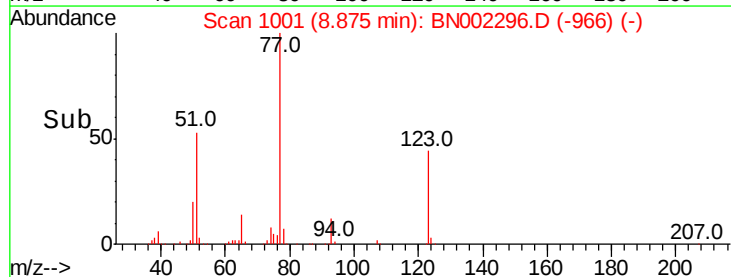
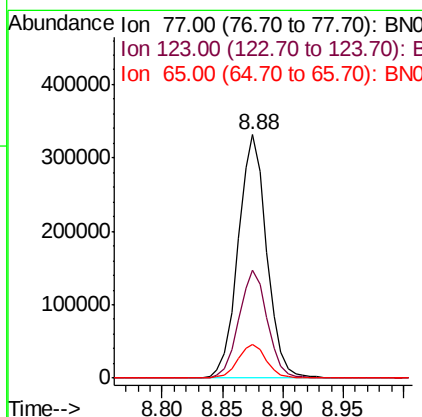
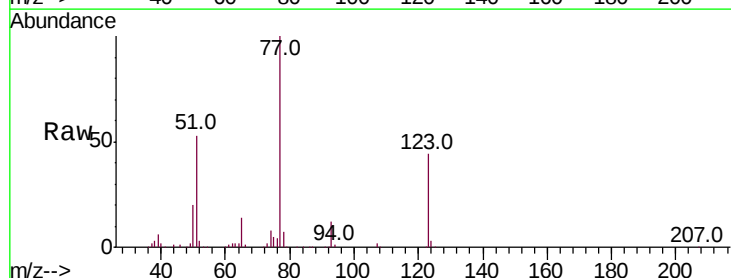
Instrument :
BNA_N
ClientSampleId :

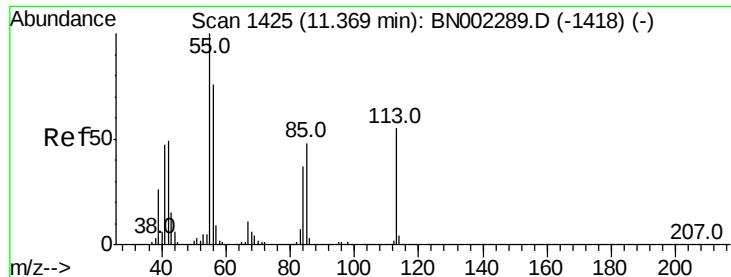
Tot Ion:128 Resp: 21965
Ion Ratio Lower Upper
128 100
64 50.5 31.9 47.9#
130 27.6 25.6 38.4



#20
Nitrobenzene
Concen: 28.392 ng/ul
RT: 8.88 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BN002296.D
Acq: 10 Aug 2018 20:46

Tgt Ion: 77 Resp: 546501
Ion Ratio Lower Upper
77 100
123 44.3 39.0 58.4
65 13.8 10.4 15.6





#32

Caprolactam

Concen: 1.985 ng/ul

RT: 11.27 min Scan# 1408

Delta R.T. -0.10 min

Lab File: BN002296.D

Acq: 10 Aug 2018 20:46

Instrument :

BNA_N

ClientSampleId :

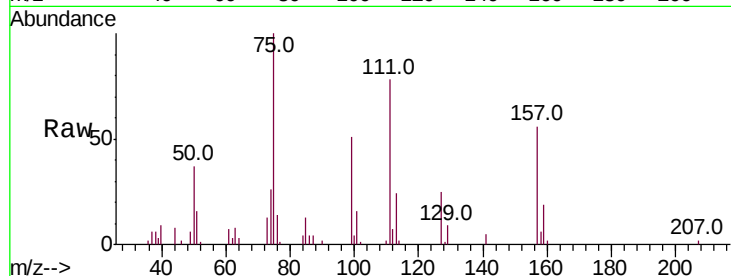
Tot Ion:113 Resp: 12121

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

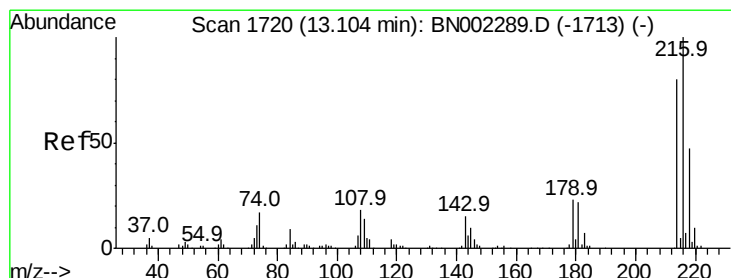
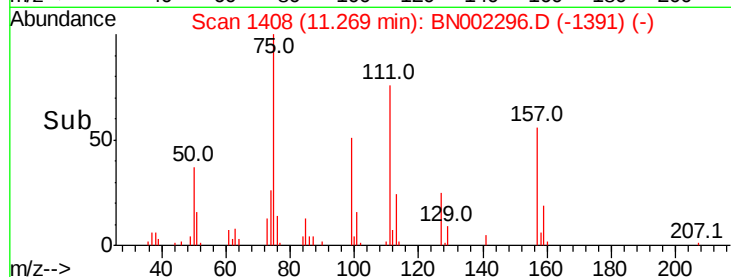
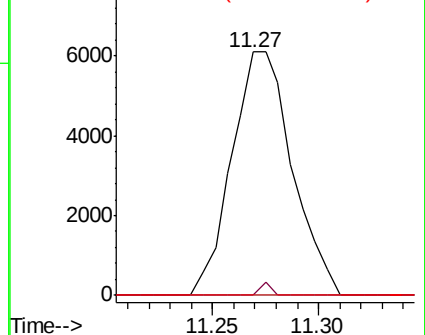
56 0.0 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN

Ion 56.00 (55.70 to 56.70): BN



#72

1,2,3,4-Tetrachlorobenzene

Concen: 2.010 ng/uL

RT: 13.11 min Scan# 1721

Delta R.T. 0.01 min

Lab File: BN002296.D

Acq: 10 Aug 2018 20:46

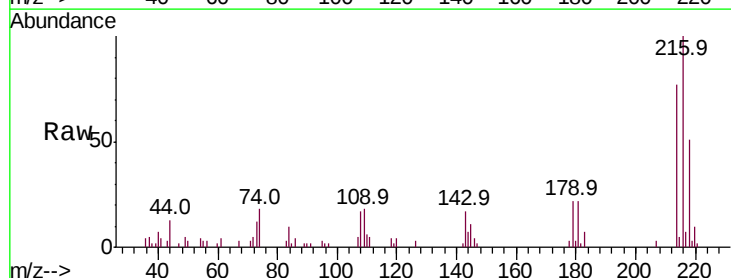
Tgt Ion:216 Resp: 31007

Ion Ratio Lower Upper

216 100

214 77.4 62.5 93.7

218 50.8 38.4 57.6



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

