

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
 Data File : BN002042.D
 Acq On : 13 Jul 2018 19:52
 Operator : JU/SJ
 Sample : J3847-01DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0841DL

Quant Time: Jul 14 01:01:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 14 00:59:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	371637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1735580	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1064037	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2453877	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	2738004	20.00	ng/ul	-0.01
85) Perylene-d12	23.52	264	2939490	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.26	96	28884	3.51	ng/uL	0.00
5) Phenol-d5	6.89	99	129392	3.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	419948	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	408822	14.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	248860	8.83	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	274173	19.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	309917	19.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	492940	16.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	23992	0.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1947040	21.59	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2308108	20.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	68742	3.99	ng/ul	0.00
57) Fluorene-d10	15.33	176	1660367	21.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	302959	18.96	ng/ul	0.00
70) Anthracene-d10	17.18	188	2685447	22.44	ng/ul	0.00
78) Pyrene-d10	19.49	212	3077013	21.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	3493597	22.01	ng/ul	-0.02

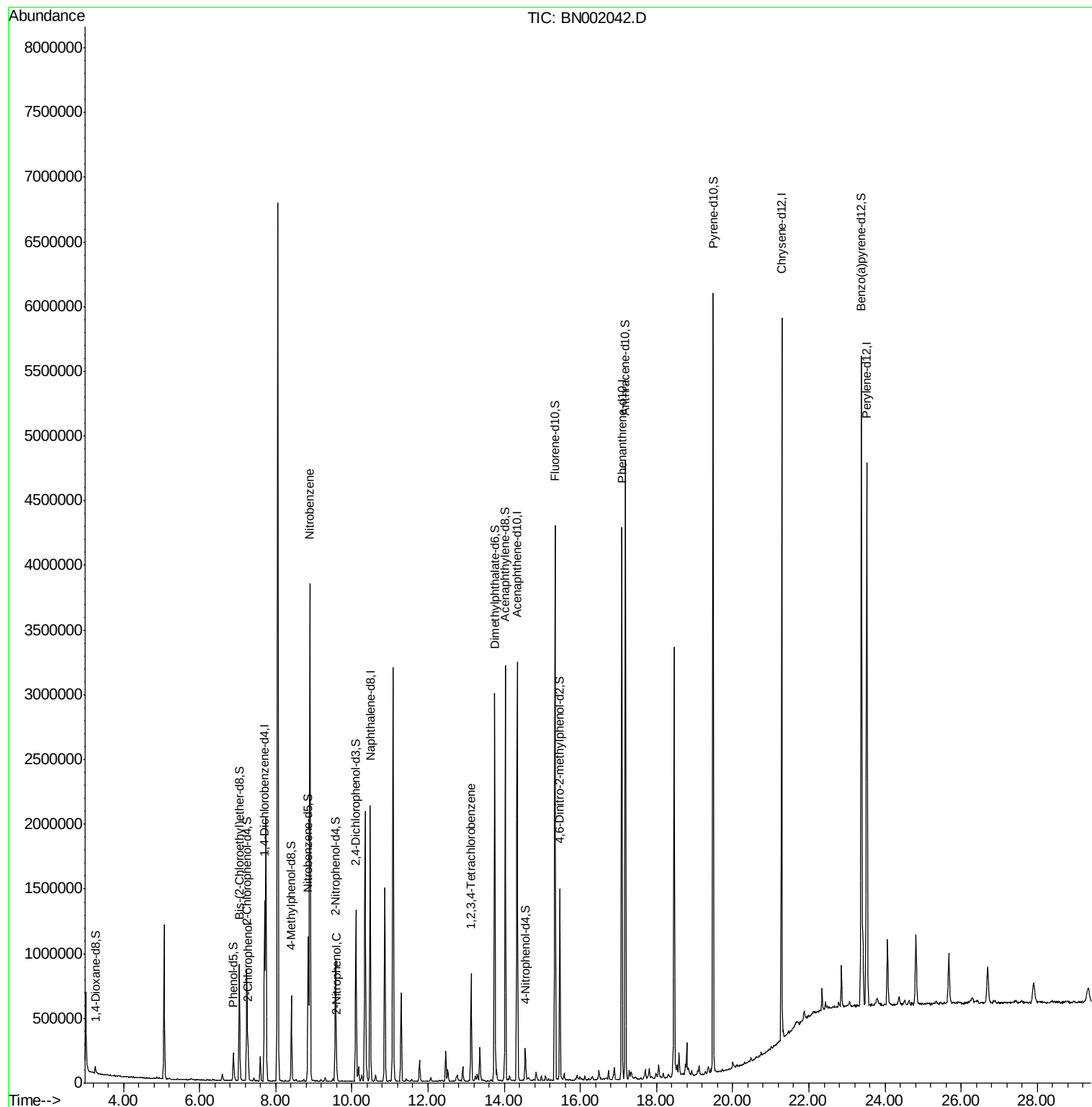
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 2-Chlorophenol	7.28	128	103572	3.756	ng/ul#	91
20) Nitrobenzene	8.90	77	2102925	63.541	ng/ul	96
23) 2-Nitrophenol	9.60	139	28000	1.682	ng/ul#	89
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	238120	6.508	ng/uL	99

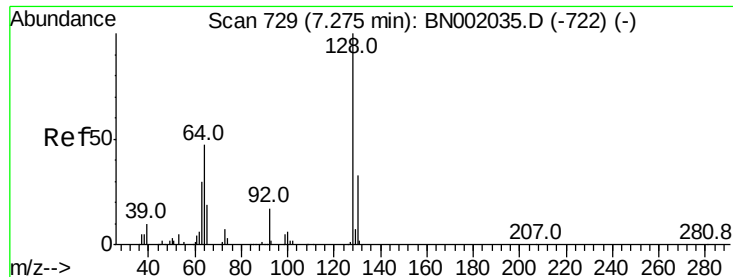
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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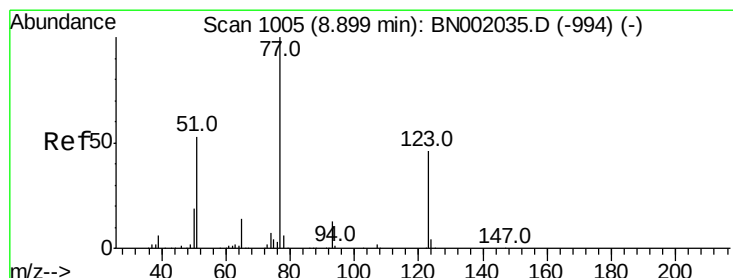
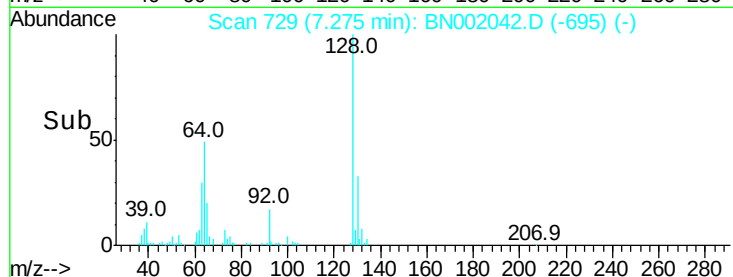
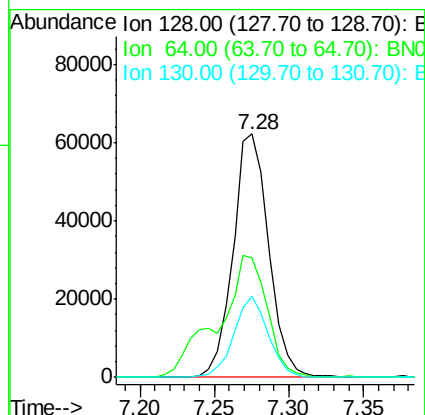
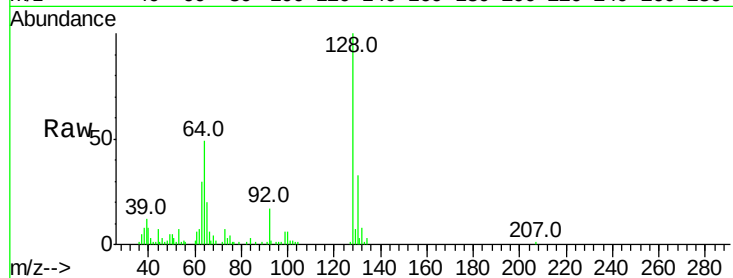




#10
2-Chlorophenol
Concen: 3.756 ng/ul
RT: 7.28 min Scan# 729
Delta R.T. 0.00 min
Lab File: BN002042.D
Acq: 13 Jul 2018 19:52

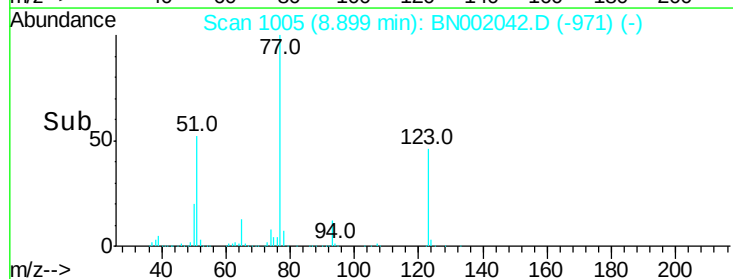
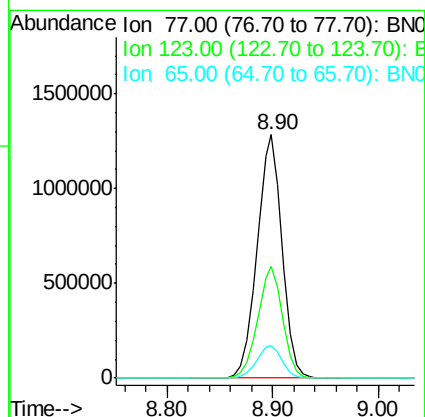
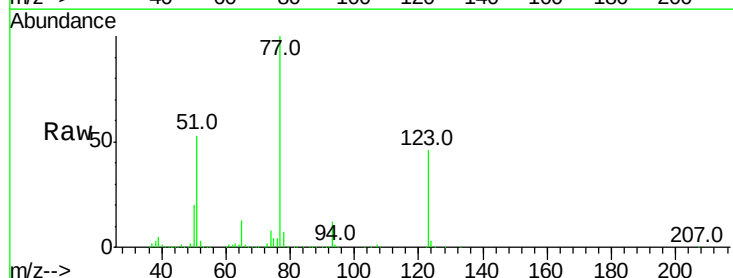
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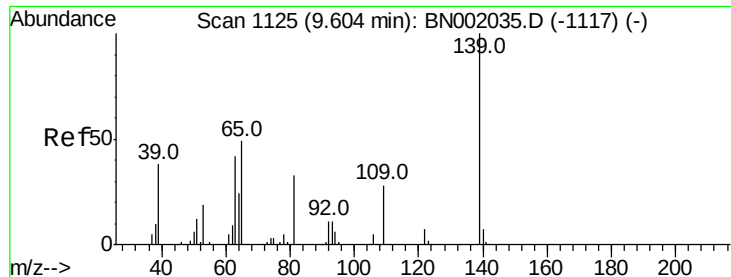
Tot Ion	Ratio	Lower	Upper
128	100		
64	49.0	31.9	47.9#
130	33.1	25.6	38.4



#20
Nitrobenzene
Concen: 63.541 ng/ul
RT: 8.90 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BN002042.D
Acq: 13 Jul 2018 19:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	39.0	58.4
65	13.5	10.4	15.6





#23

2-Nitrophenol

Concen: 1.682 ng/ul

RT: 9.60 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BN002042.D

Acq: 13 Jul 2018 19:52

Instrument :

BNA_N

ClientSampleId :

C0841DL

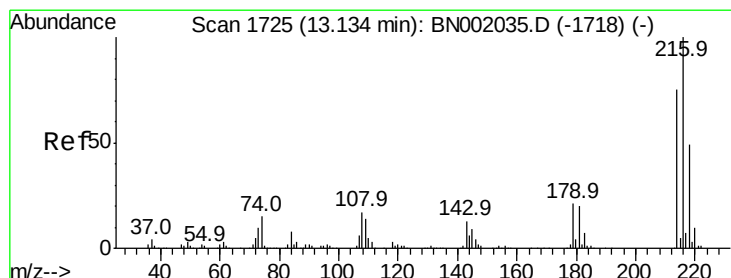
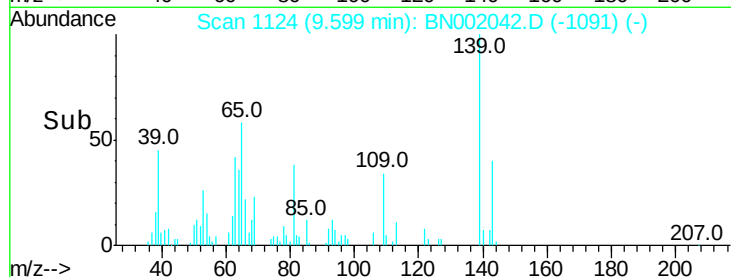
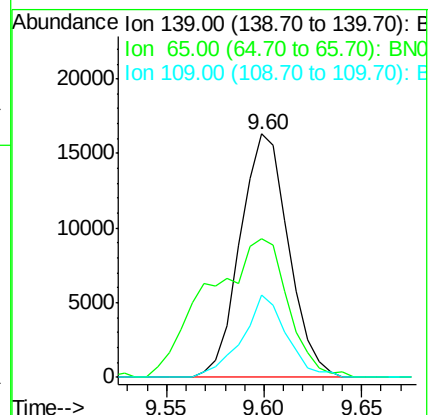
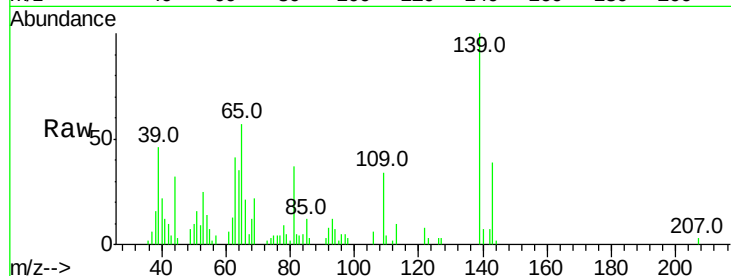
Tot Ion:139 Resp: 28000

Ion Ratio Lower Upper

139 100

65 56.9 36.3 54.5#

109 33.6 26.4 39.6



#72

1,2,3,4-Tetrachlorobenzene

Concen: 6.508 ng/uL

RT: 13.13 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BN002042.D

Acq: 13 Jul 2018 19:52

Tgt Ion:216 Resp: 238120

Ion Ratio Lower Upper

216 100

214 79.0 62.5 93.7

218 47.4 38.4 57.6

