

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000608.D
 Acq On : 24 Mar 2018 08:36
 Operator : JU/SJ
 Sample : J1969-10
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 26 01:27:43 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 26 01:26:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	161118	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	694165	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	349186	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	601066	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	265	20.00	ng/ul	-0.02
83) Perylene-d12	24.39	264	278511	20.00	ng/ul	0.04

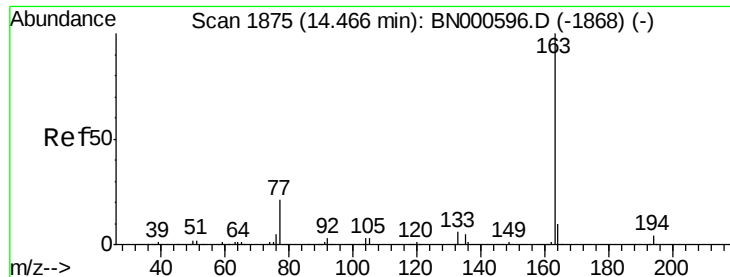
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	12053	2.67	ng/uL	0.00
5) Phenol-d5	7.55	99	311712	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	218592	25.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	267207	23.51	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	242944	20.75	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	142053	25.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	155741	26.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	266746	25.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	334371	31.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	828671	30.04	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	1104215	30.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	67505	13.18	ng/ul	0.00
57) Fluorene-d10	16.01	176	674570	28.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.12	200	47123	13.69	ng/ul	0.00
70) Anthracene-d10	17.85	188	873997	30.25	ng/ul	0.00
76) Pyrene-d10	20.02	212	898	61.38	ng/ul	-0.08
87) Benzo(a)pyrene-d12	24.23	264	706	0.05	ng/ul	0.04

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.46	163	136654	5.008	ng/ul	98
52) 4-Nitrophenol	15.24	109	55025	13.900	ng/ul#	16
64) N-Nitrosodiphenylamine	16.26	169	44528	2.249	ng/ul	96
77) Pyrene	20.09	202	438	22.629	ng/ul#	1
78) Butylbenzylphthalate	20.96	149	2505	260.551	ng/ul#	58
79) 3,3'-Dichlorobenzidine	21.75	252	1541	297.651	ng/ul#	1
80) Benzo(a)anthracene	21.84	228	1012	57.316	ng/ul#	1
81) Bis(2-ethylhexyl)phthalate	21.73	149	2944	210.920	ng/ul#	1
82) Chrysene	21.90	228	531	32.080	ng/ul#	1

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



#44

Dimethylphthalate

Concen: 5.008 ng/ul

RT: 14.46 min Scan# 1874

Delta R.T. -0.01 min

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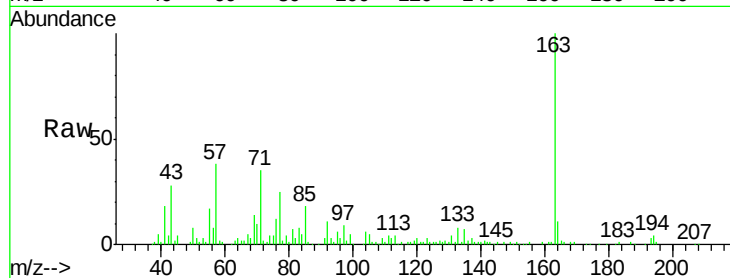
Tot Ion:163 Resp: 136654

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

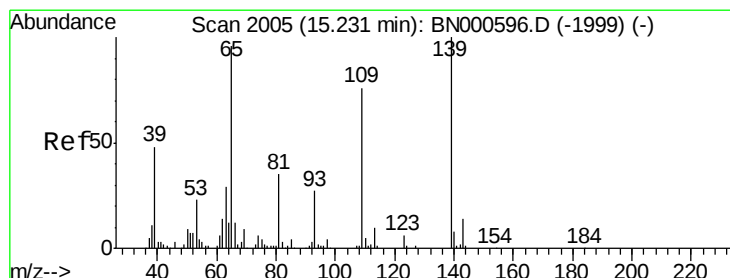
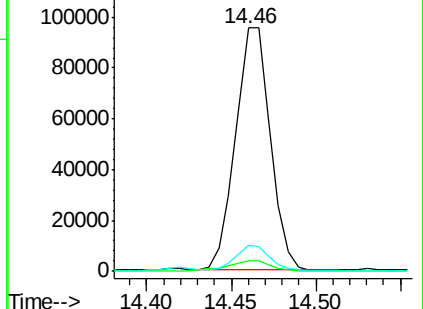
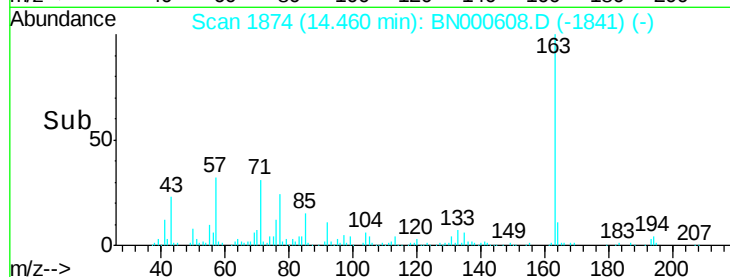
164 10.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

4-Nitrophenol

Concen: 13.900 ng/ul

RT: 15.24 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BN000608.D

Acq: 24 Mar 2018 08:36

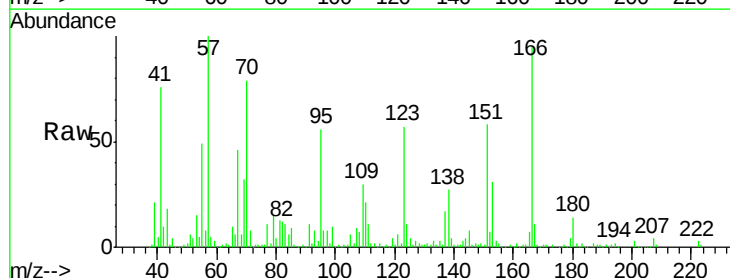
Tgt Ion:109 Resp: 55025

Ion Ratio Lower Upper

109 100

139 14.5 91.2 136.8#

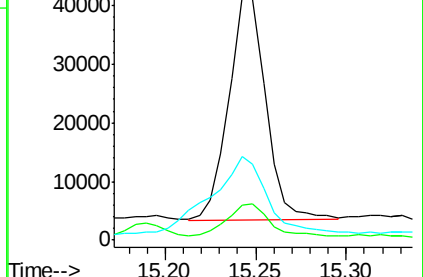
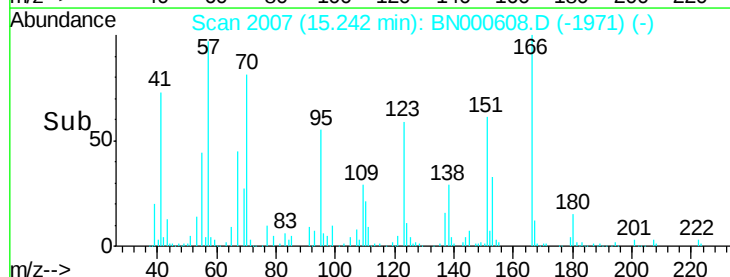
65 34.3 92.6 139.0#

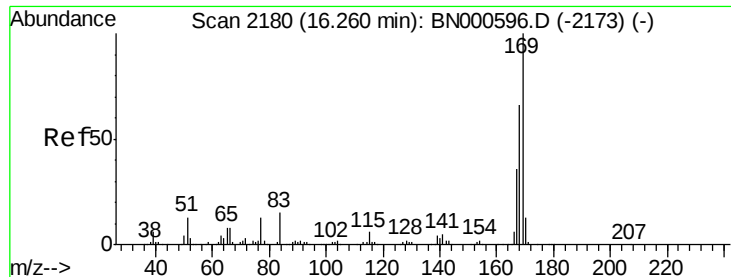


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC





#64

N-Nitrosodiphenylamine

Concen: 2.249 ng/ul

RT: 16.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BN000608.D

Acq: 24 Mar 2018 08:36

Instrument :

BNA_N

ClientSampleId :

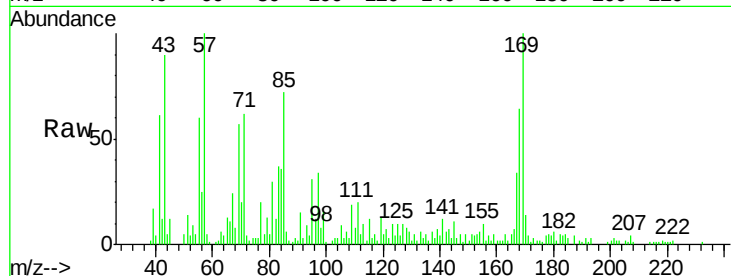
Tot Ion:169 Resp: 44528

Ion Ratio Lower Upper

169 100

168 64.3 53.8 80.8

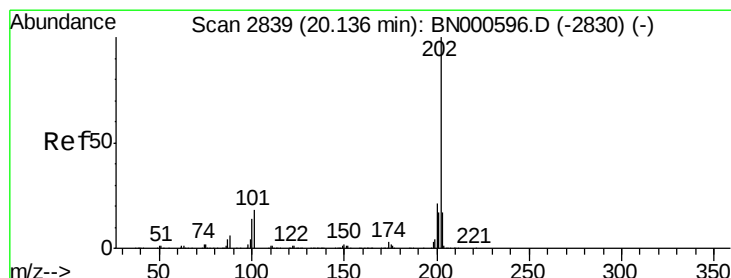
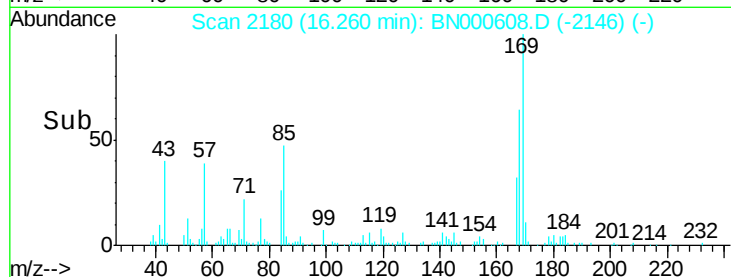
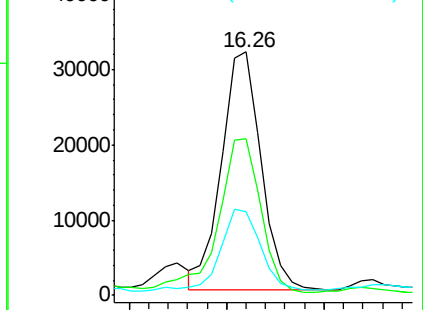
167 34.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#77

Pyrene

Concen: 22.629 ng/ul

RT: 20.09 min Scan# 2831

Delta R.T. -0.05 min

Lab File: BN000608.D

Acq: 24 Mar 2018 08:36

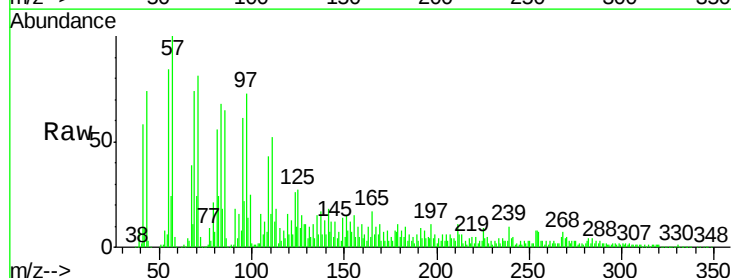
Tgt Ion:202 Resp: 438

Ion Ratio Lower Upper

202 100

101 23.5 6.9 10.3#

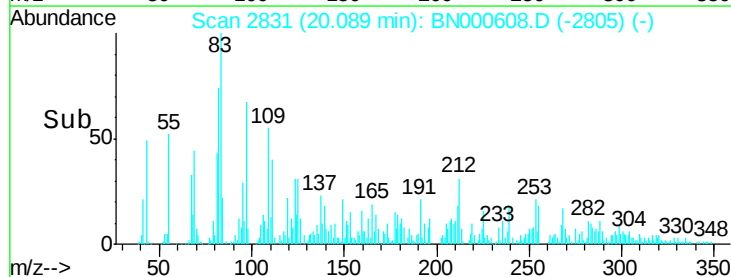
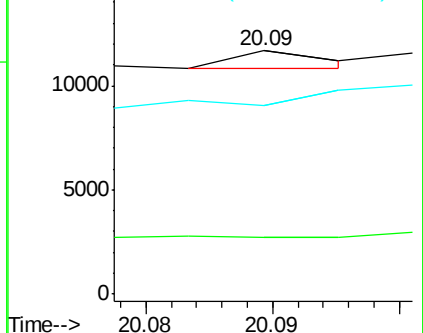
100 77.6 5.6 8.4#

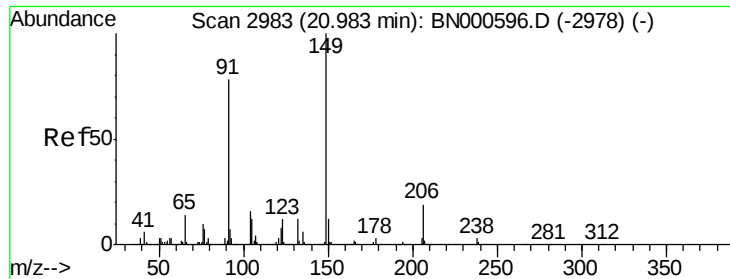


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 260.551 ng/ul

RT: 20.96 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BN000608.D

Acq: 24 Mar 2018 08:36

Instrument :

BNA_N

ClientSampleId :

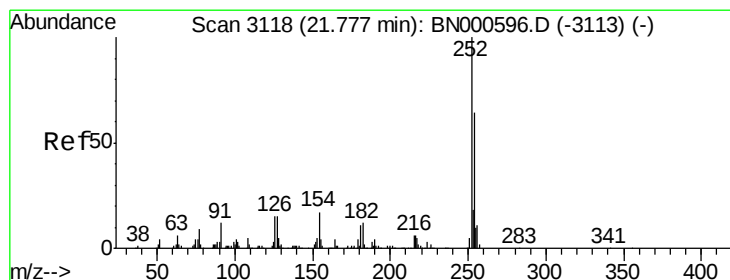
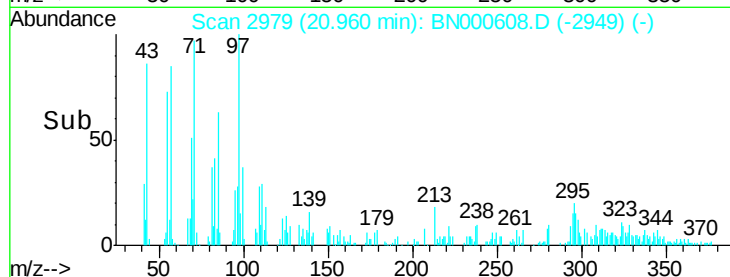
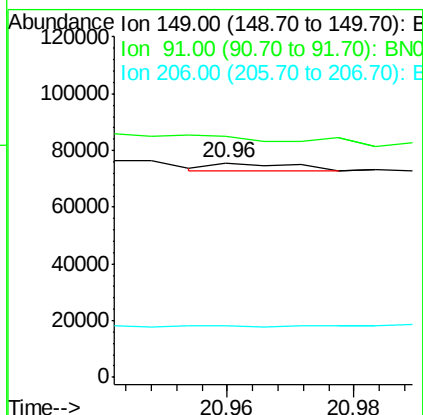
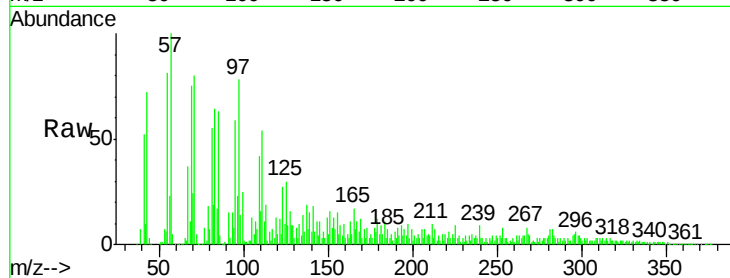
Tot Ion:149 Resp: 2505

Ion Ratio Lower Upper

149 100

91 112.3 53.4 80.0#

206 23.9 19.3 28.9



#79

3,3'-Dichlorobenzidine

Concen: 297.651 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. -0.02 min

Lab File: BN000608.D

Acq: 24 Mar 2018 08:36

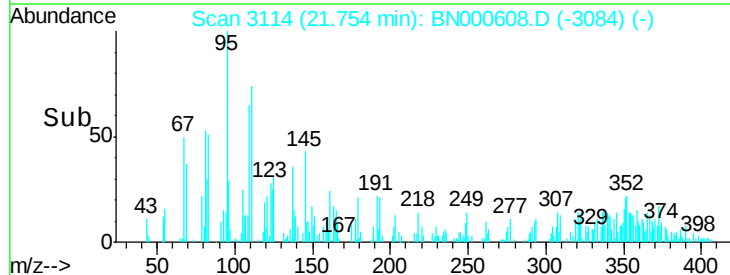
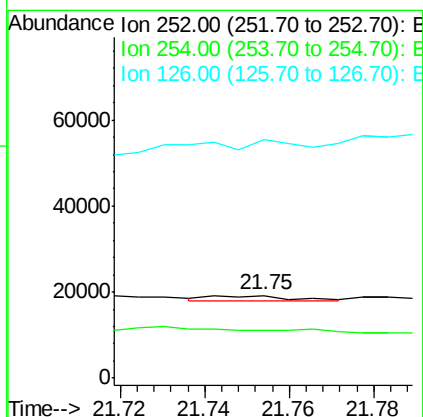
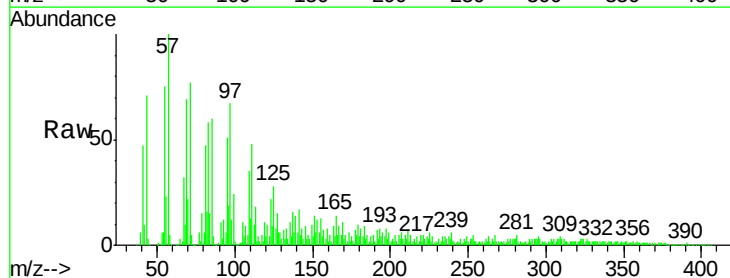
Tgt Ion:252 Resp: 1541

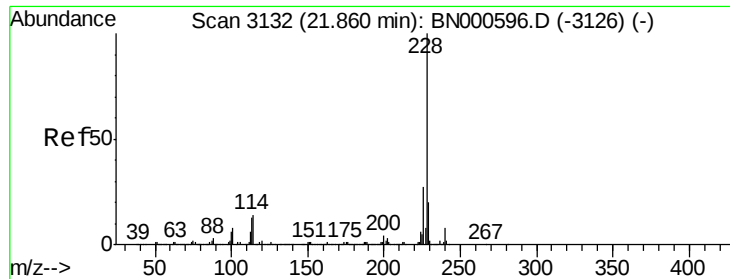
Ion Ratio Lower Upper

252 100

254 57.4 52.8 79.2

126 288.4 6.9 10.3#





#80

Benzo(a)anthracene

Concen: 57.316 ng/ul

RT: 21.84 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BN000608.D

Acq: 24 Mar 2018 08:36

Instrument :

BNA_N

ClientSampleId :

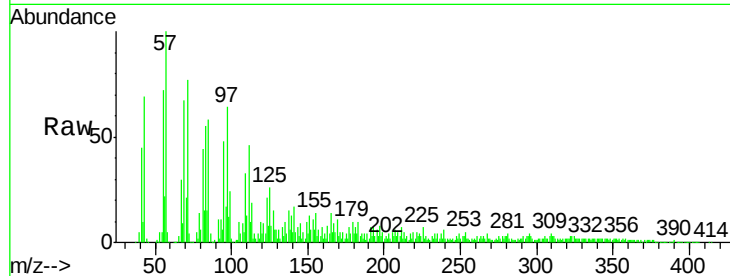
Tot Ion:228 Resp: 1012

Ion Ratio Lower Upper

228 100

229 170.2 16.0 24.0#

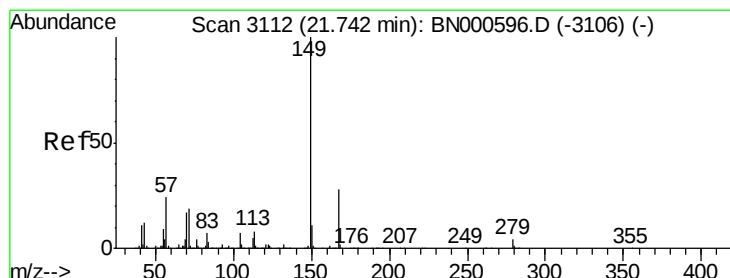
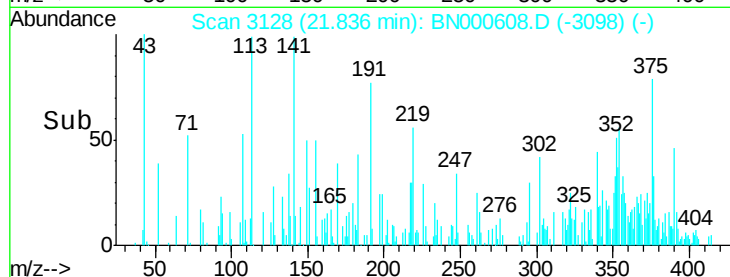
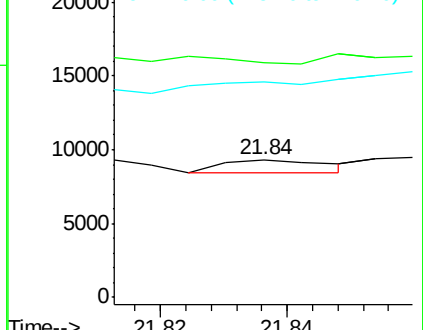
226 156.3 21.8 32.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 210.920 ng/ul

RT: 21.73 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BN000608.D

Acq: 24 Mar 2018 08:36

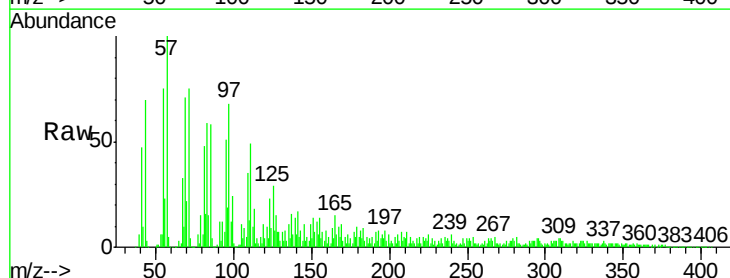
Tgt Ion:149 Resp: 2944

Ion Ratio Lower Upper

149 100

167 88.1 23.0 34.6#

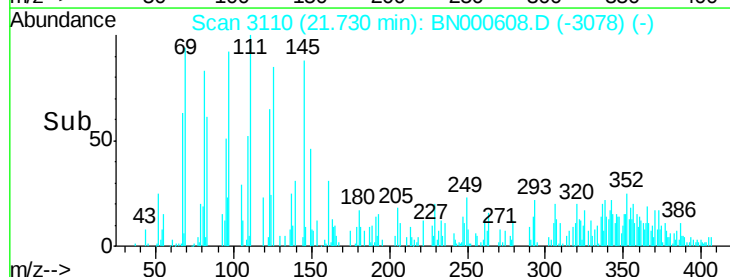
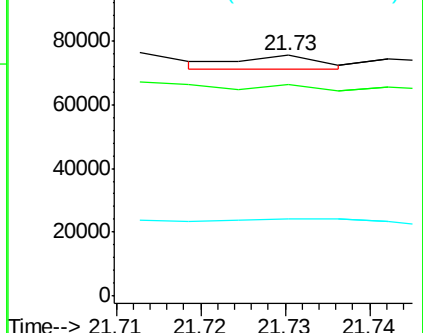
279 32.0 4.3 6.5#

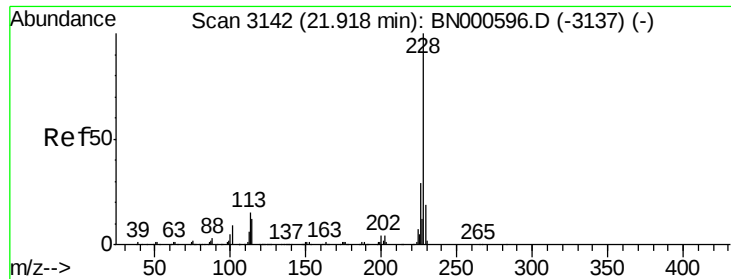


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 32.080 ng/ul

RT: 21.90 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BN000608.D

Acq: 24 Mar 2018 08:36

Instrument :

BNA_N

ClientSampleId :

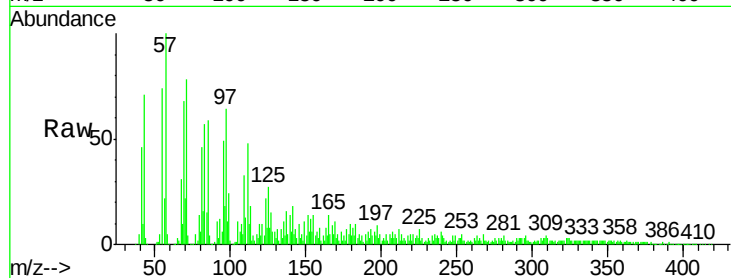
Tot Ion: 228 Resp: 531

Ion Ratio Lower Upper

228 100

226 152.9 24.1 36.1#

229 161.0 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

