

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000617.D
 Acq On : 26 Mar 2018 13:36
 Operator : JU/SJ
 Sample : J1969-10RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 27 02:20:26 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 27 02:19:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	149110	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	701855	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	415015	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	747008	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	632	20.00	ng/ul	-0.02
83) Perylene-d12	24.40	264	270426	20.00	ng/ul	0.04

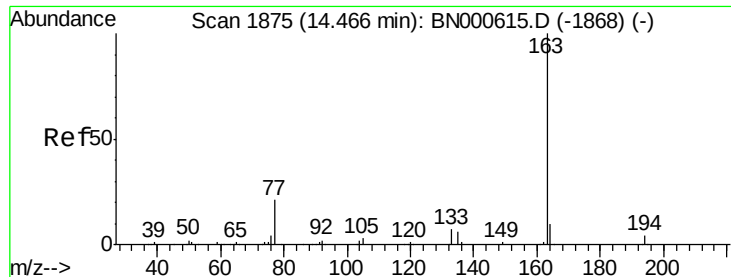
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	8807	2.11	ng/uL	0.00
5) Phenol-d5	7.55	99	233308	16.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	160012	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	205128	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	195417	18.03	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	116120	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	131166	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	225849	21.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	280747	25.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	740626	22.59	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	999379	23.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	64278	10.56	ng/ul	0.00
57) Fluorene-d10	16.01	176	635639	22.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	47641	11.14	ng/ul	0.00
70) Anthracene-d10	17.86	188	855167	23.82	ng/ul	0.00
76) Pyrene-d10	20.07	212	1195	34.25	ng/ul	-0.05
87) Benzo(a)pyrene-d12	24.25	264	1305	0.10	ng/ul	0.04

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.47	163	122704	3.783	ng/ul	99
52) 4-Nitrophenol	15.25	109	49484	10.518	ng/ul#	17
64) N-Nitrosodiphenylamine	16.26	169	42900	1.743	ng/ul	97
77) Pyrene	20.12	202	867	18.782	ng/ul#	1
78) Butylbenzylphthalate	20.92	149	6231	271.752	ng/ul#	62
79) 3,3'-Dichlorobenzidine	21.75	252	2230	180.608	ng/ul#	1
80) Benzo(a)anthracene	21.85	228	1110	26.360	ng/ul#	1
81) Bis(2-ethylhexyl)phthalate	21.72	149	10449	313.895	ng/ul#	1
82) Chrysene	21.89	228	441	11.171	ng/ul#	1

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



#44

Dimethylphthalate

Concen: 3.783 ng/ul

RT: 14.47 min Scan# 1875

Delta R.T. 0.00 min

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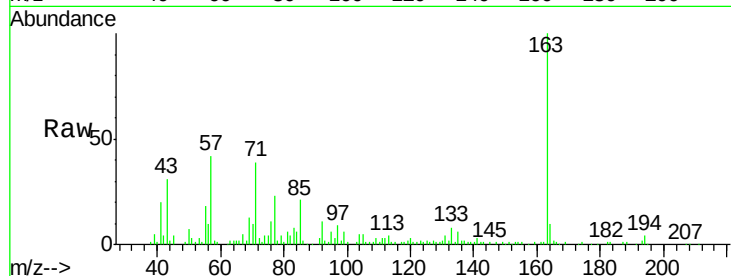
Tot Ion:163 Resp: 122704

Ion Ratio Lower Upper

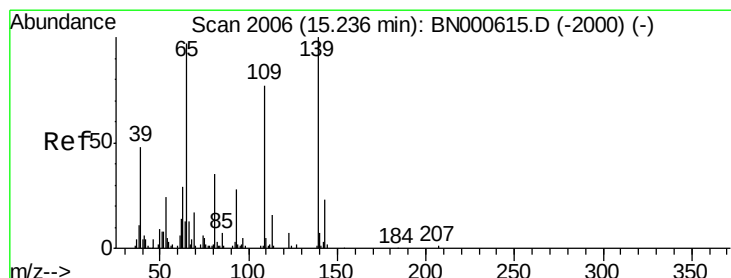
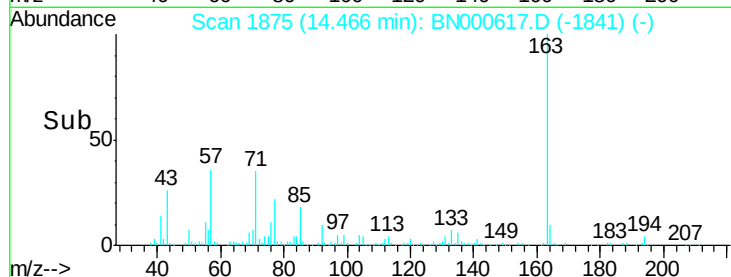
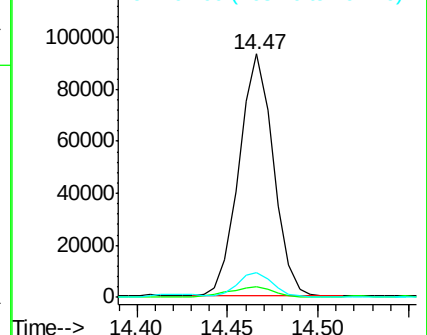
163 100

194 4.5 4.0 6.0

164 10.2 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: 10.518 ng/ul

RT: 15.25 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BN000617.D

Acq: 26 Mar 2018 13:36

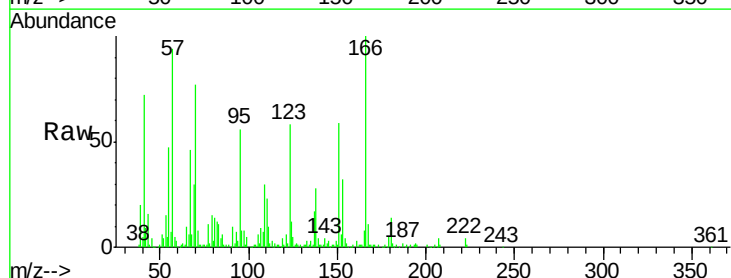
Tgt Ion:109 Resp: 49484

Ion Ratio Lower Upper

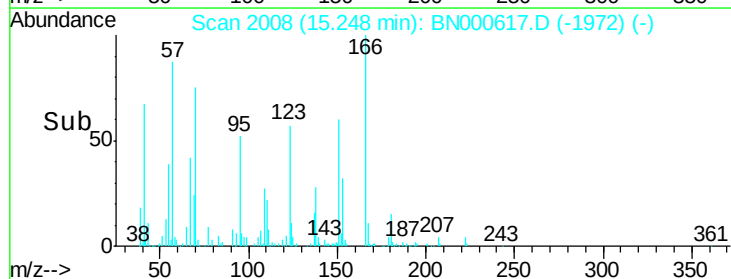
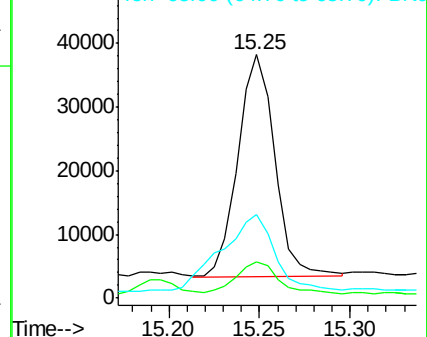
109 100

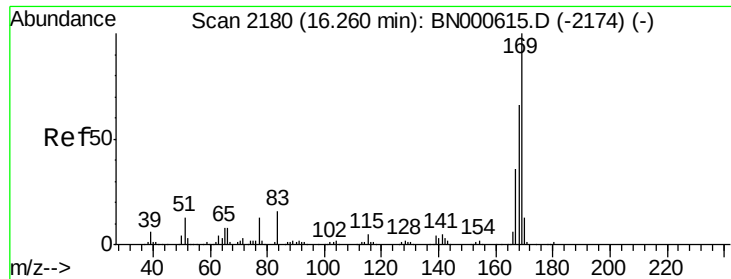
139 15.0 91.2 136.8#

65 34.6 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: 1.743 ng/ul

RT: 16.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BN000617.D

Acq: 26 Mar 2018 13:36

Instrument :

BNA_N

ClientSampleId :

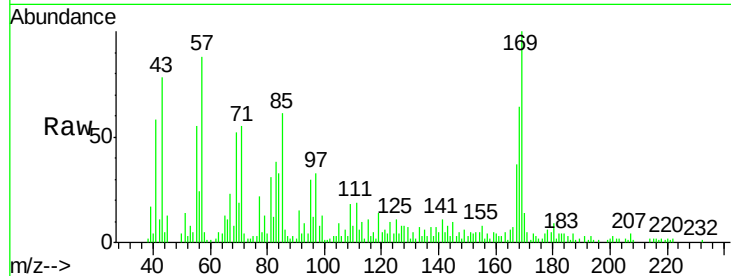
Tot Ion:169 Resp: 42900

Ion Ratio Lower Upper

169 100

168 63.5 53.8 80.8

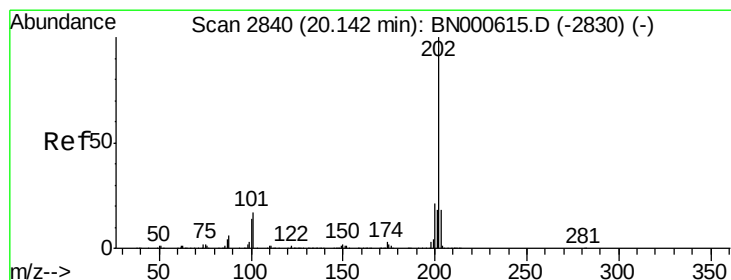
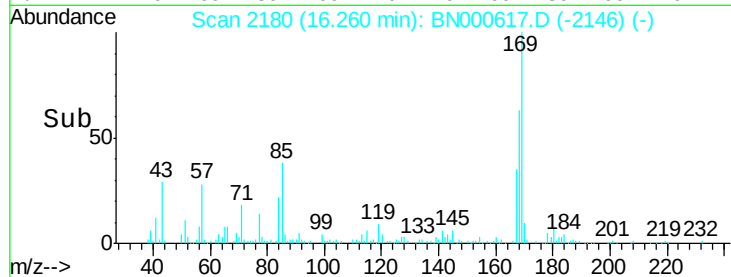
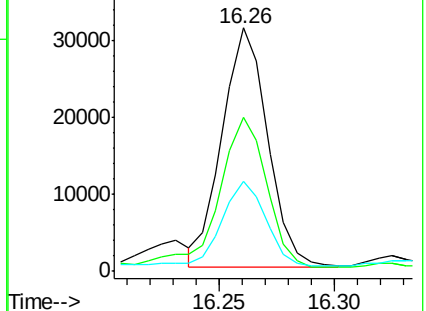
167 36.7 29.5 44.3



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: 18.782 ng/ul

RT: 20.12 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BN000617.D

Acq: 26 Mar 2018 13:36

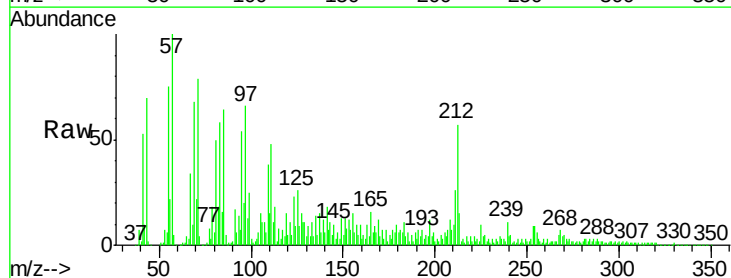
Tgt Ion:202 Resp: 867

Ion Ratio Lower Upper

202 100

101 27.7 6.9 10.3#

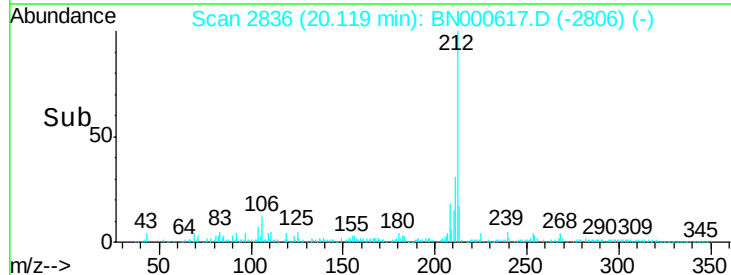
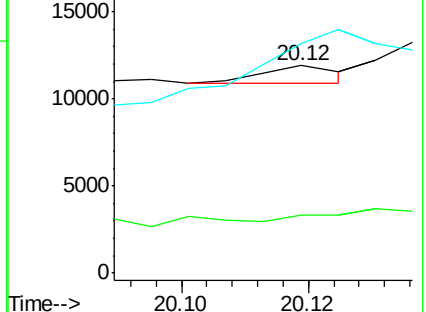
100 110.7 5.6 8.4#

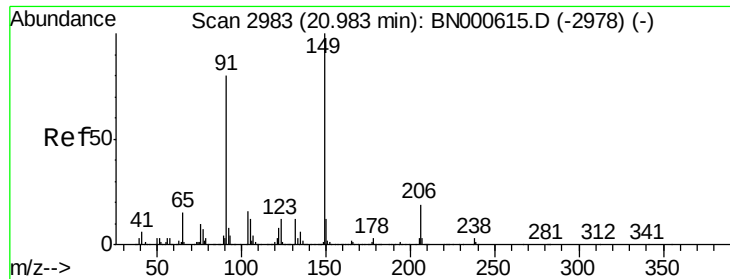


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 271.752 ng/ul

RT: 20.92 min Scan# 2972

Delta R.T. -0.06 min

Lab File: BN000617.D

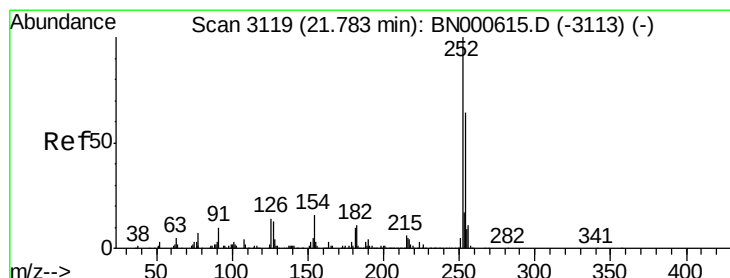
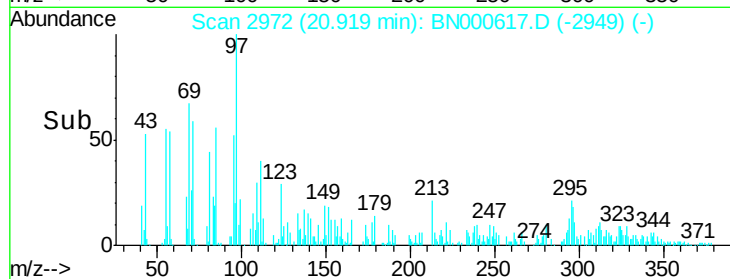
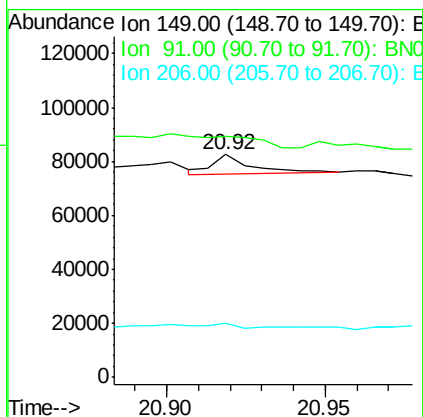
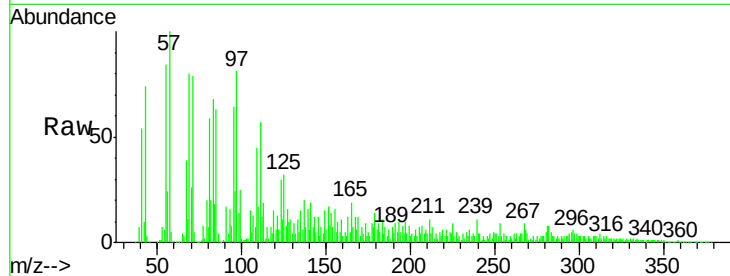
Acq: 26 Mar 2018 13:36

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	149	Resp:	6231
Ion	Ratio	Lower	Upper
149	100		
91	108.0	53.4	80.0#
206	24.1	19.3	28.9



#79

3,3'-Dichlorobenzidine

Concen: 180.608 ng/ul

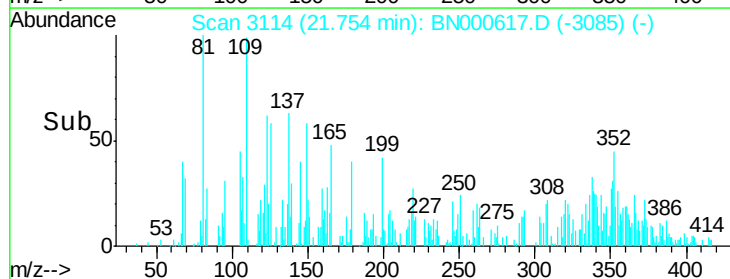
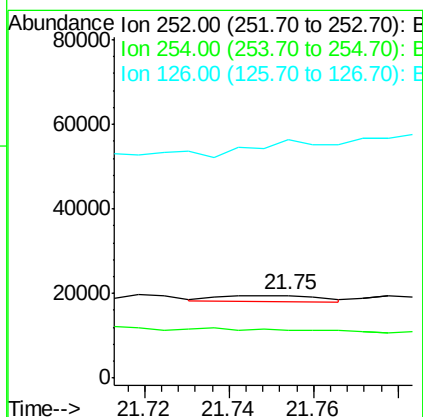
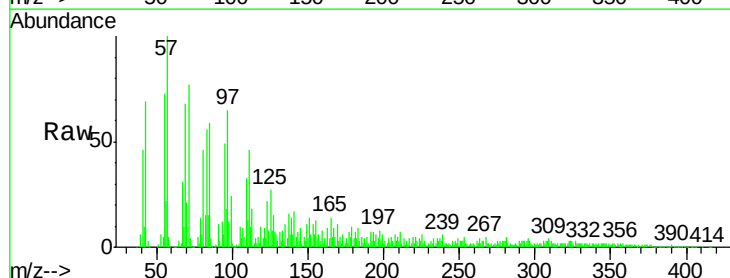
RT: 21.75 min Scan# 3114

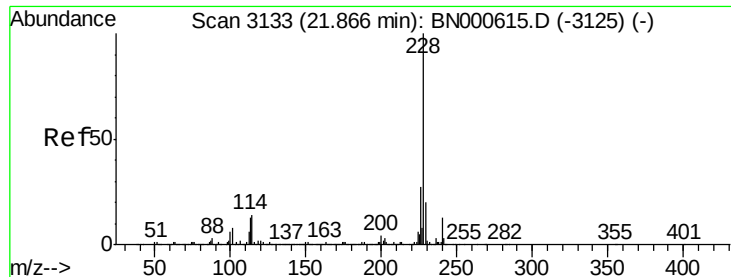
Delta R.T. -0.03 min

Lab File: BN000617.D

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Tgt Ion:	252	Resp:	2230
Ion	Ratio	Lower	Upper
252	100		
254	57.9	52.8	79.2
126	289.9	6.9	10.3#





#80

Benzo(a)anthracene

Concen: 26.360 ng/ul

RT: 21.85 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BN000617.D

Acq: 26 Mar 2018 13:36

Instrument :

BNA_N

ClientSampleId :

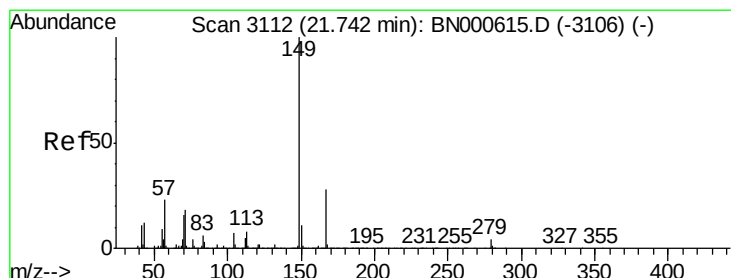
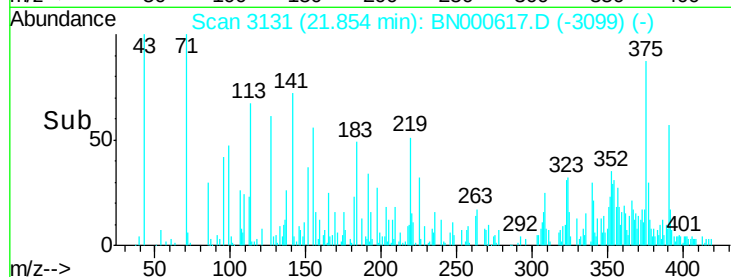
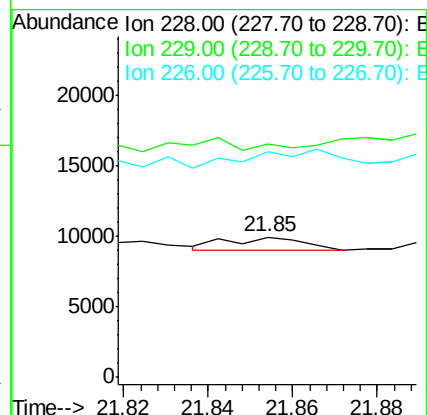
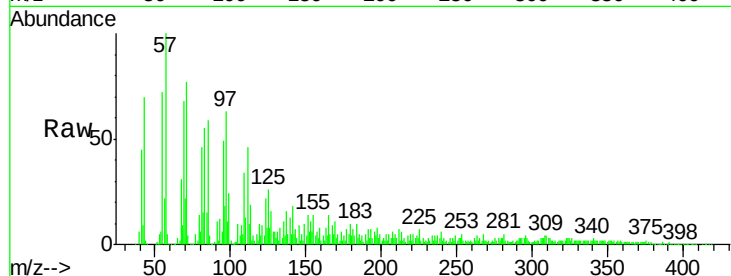
Tot Ion:228 Resp: 1110

Ion Ratio Lower Upper

228 100

229 166.7 16.0 24.0#

226 161.1 21.8 32.8#



#81

Bis(2-ethylhexyl)phthalate

Concen: 313.895 ng/ul

RT: 21.72 min Scan# 3109

Delta R.T. -0.02 min

Lab File: BN000617.D

Acq: 26 Mar 2018 13:36

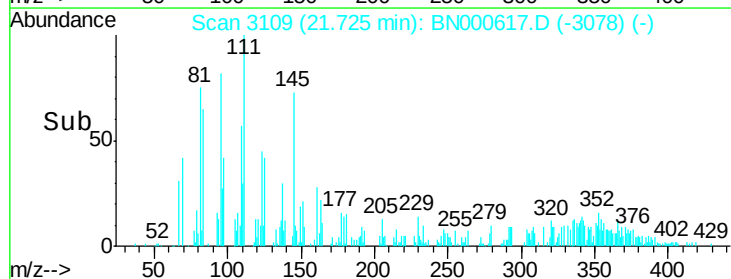
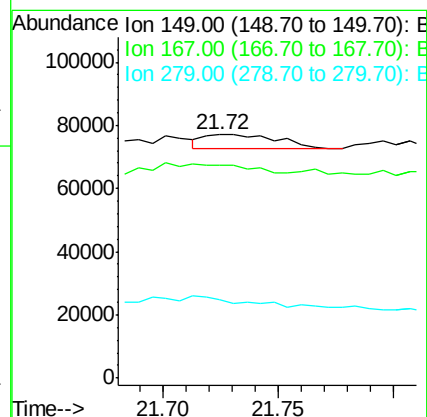
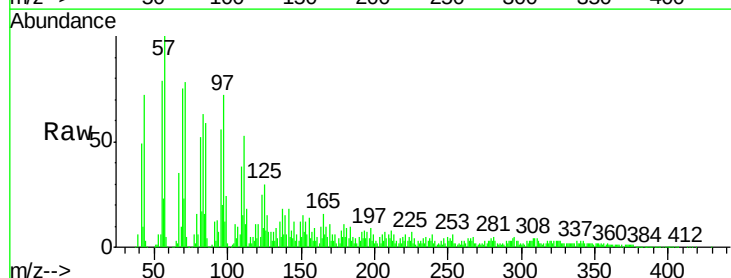
Tgt Ion:149 Resp: 10449

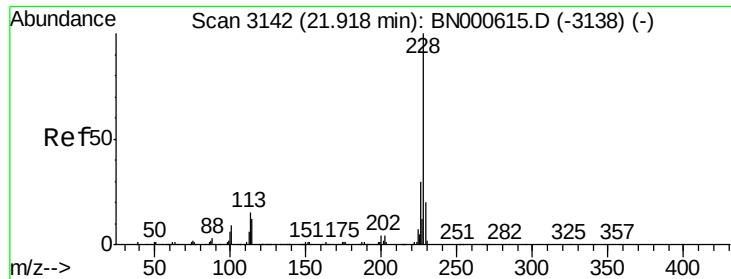
Ion Ratio Lower Upper

149 100

167 87.7 23.0 34.6#

279 32.3 4.3 6.5#





#82

Chrysene

Concen: 11.171 ng/ul

RT: 21.89 min Scan# 3137

Delta R.T. -0.03 min

Lab File: BN000617.D

Acq: 26 Mar 2018 13:36

Instrument :

BNA_N

ClientSampleId :

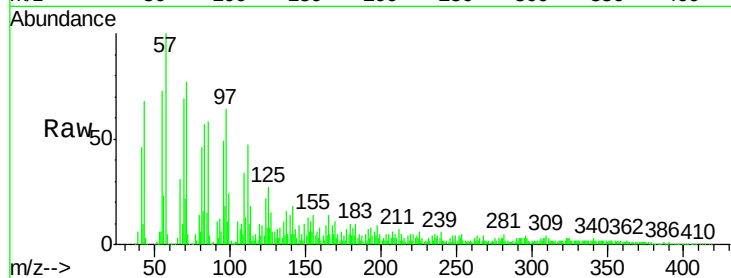
Tot Ion:228 Resp: 441

Ion Ratio Lower Upper

228 100

226 165.9 24.1 36.1#

229 181.2 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

