

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000501.D
 Acq On : 20 Mar 2018 20:11
 Operator : JU/SJ
 Sample : J1956-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 21 00:20:31 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 21 00:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	259317	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	1088639	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	531835	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	960398	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	763605	20.00	ng/ul	0.00
83) Perylene-d12	24.36	264	657669	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	36096	4.97	ng/uL	0.00
5) Phenol-d5	7.55	99	184525	7.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	445273	31.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	478858	26.18	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	329206	17.47	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	287449	32.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	303493	33.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	477407	29.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	3324	0.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	1300365	30.95	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1728722	31.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	44399	5.69	ng/ul	0.02
57) Fluorene-d10	16.02	176	1072579	29.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	123618	22.47	ng/ul	0.00
70) Anthracene-d10	17.86	188	1415230	30.66	ng/ul	0.00
76) Pyrene-d10	20.11	212	1343828	31.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	1031352	33.23	ng/ul	0.00

Target Compounds

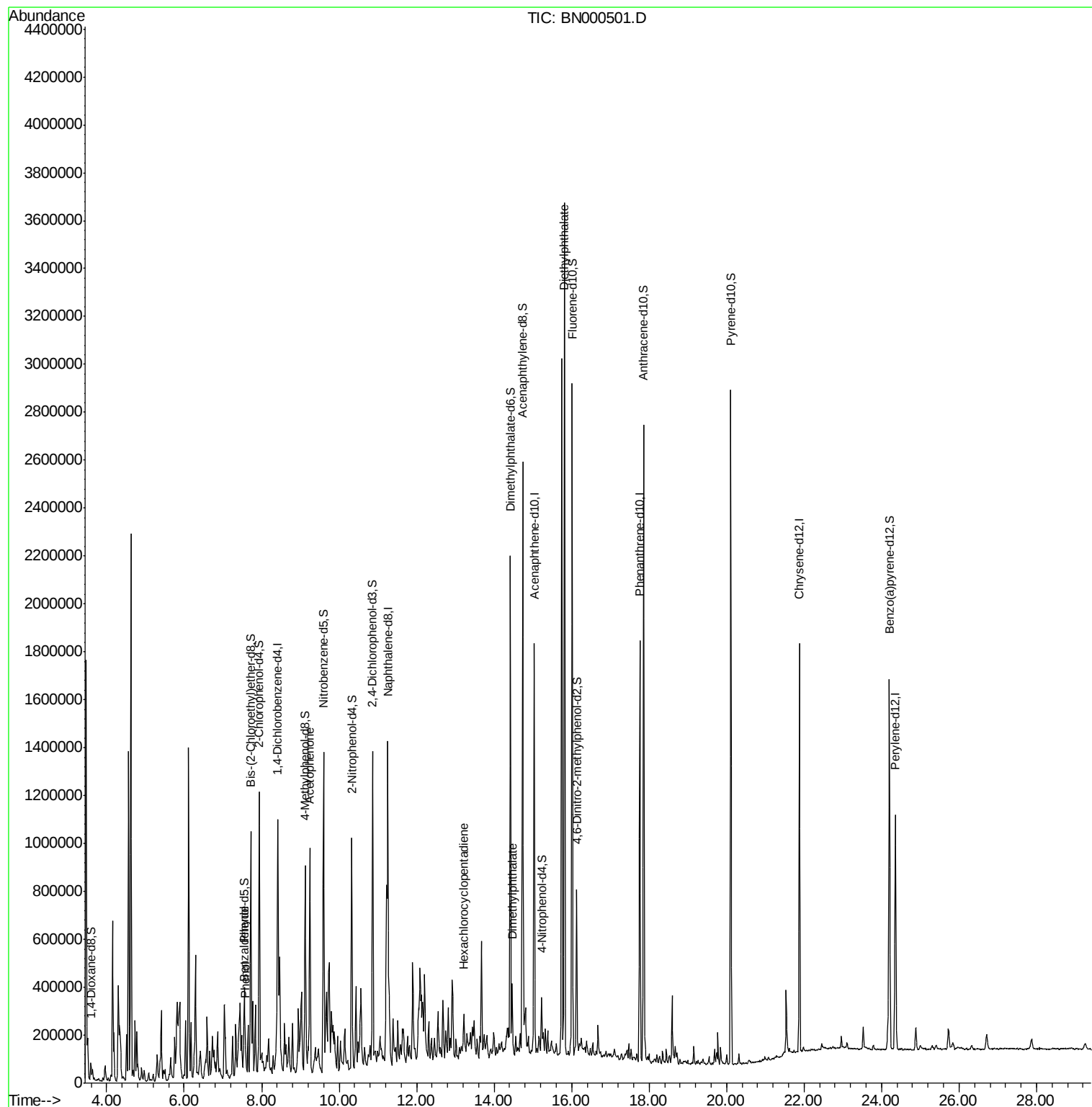
					Ovalue
4) Benzaldehyde	7.53	77	10531	1.068	ng/ul 93
6) Phenol	7.58	94	43677	1.770	ng/ul 94
14) Acetophenone	9.25	105	510526	18.225	ng/ul 96
37) Hexachlorocyclopentadiene	13.22	237	8416	1.010	ng/ul# 96
44) Dimethylphthalate	14.47	163	156342	3.762	ng/ul# 97
56) Diethylphthalate	15.81	149	1982991	46.745	ng/ul 96

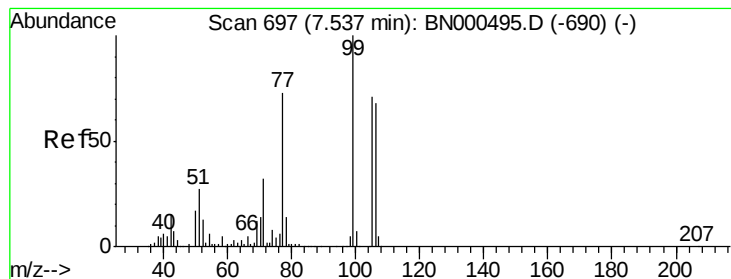
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.068 ng/ul

RT: 7.53 min Scan# 696

Delta R.T. -0.01 min

Lab File: BN000501.D

Acq: 20 Mar 2018 20:11

Instrument :

BNA_N

ClientSampled :

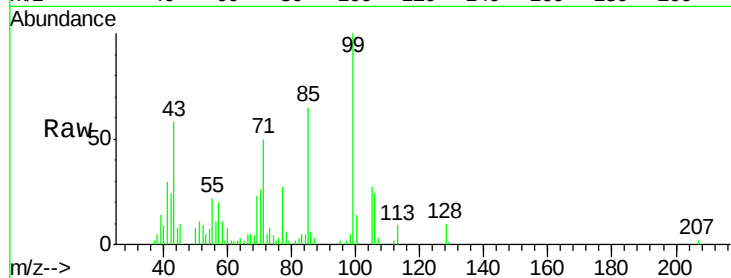
Tot Ion: 77 Resp: 10531

Ion Ratio Lower Upper

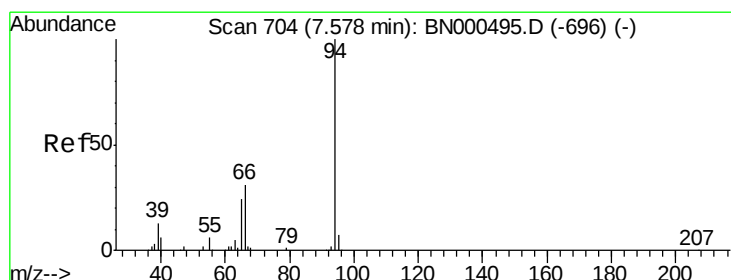
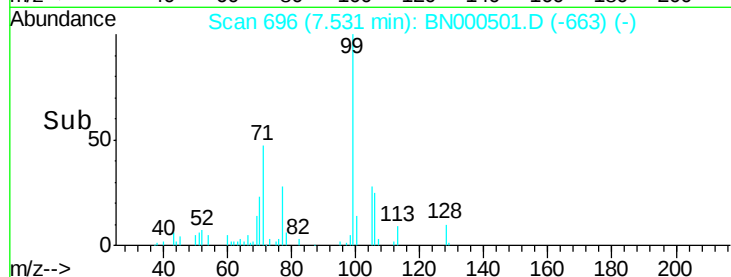
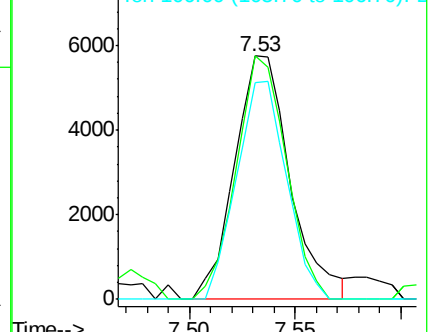
77 100

105 100.0 71.0 106.6

106 89.0 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#6

Phenol

Concen: 1.770 ng/ul

RT: 7.58 min Scan# 704

Delta R.T. -0.00 min

Lab File: BN000501.D

Acq: 20 Mar 2018 20:11

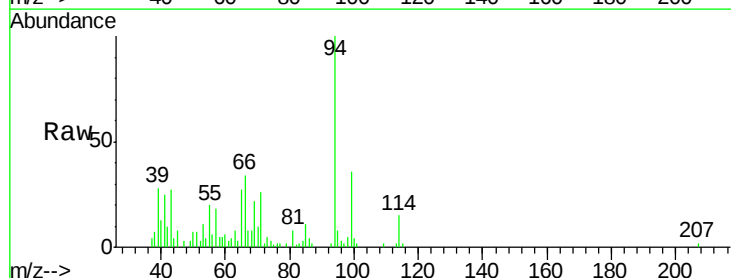
Tgt Ion: 94 Resp: 43677

Ion Ratio Lower Upper

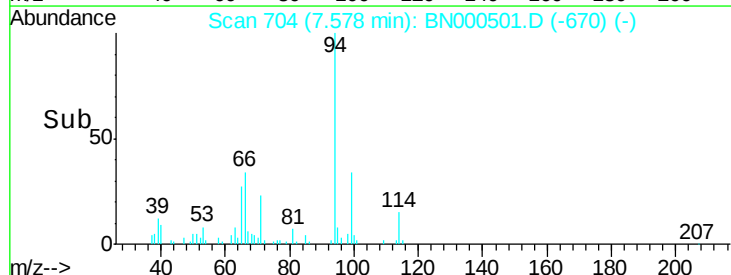
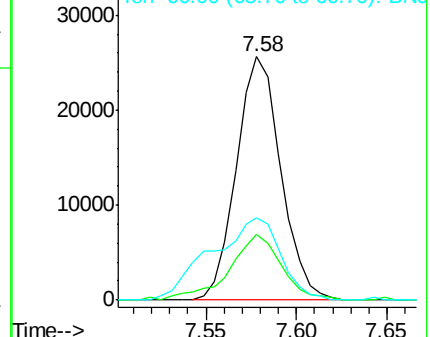
94 100

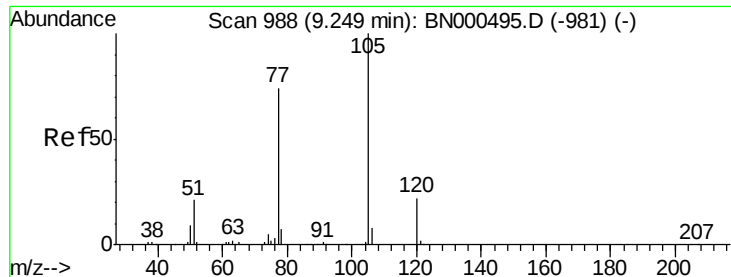
65 26.8 23.0 34.6

66 33.6 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0





#14

Acetophenone

Concen: 18.225 ng/ul

RT: 9.25 min Scan# 988

Delta R.T. -0.00 min

Lab File: BN000501.D

Acq: 20 Mar 2018 20:11

Instrument :

BNA_N

ClientSampleId :

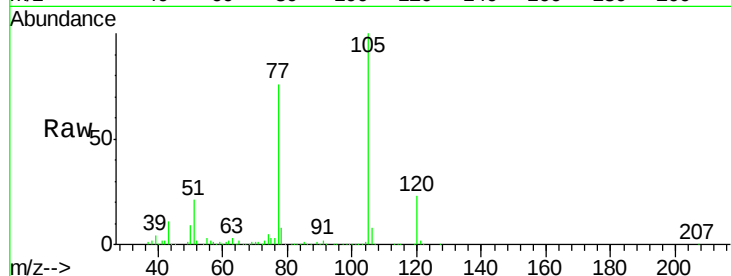
Tot Ion:105 Resp: 510526

Ion Ratio Lower Upper

105 100

77 76.3 63.2 94.8

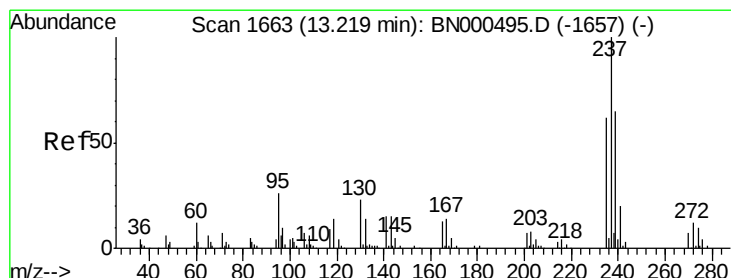
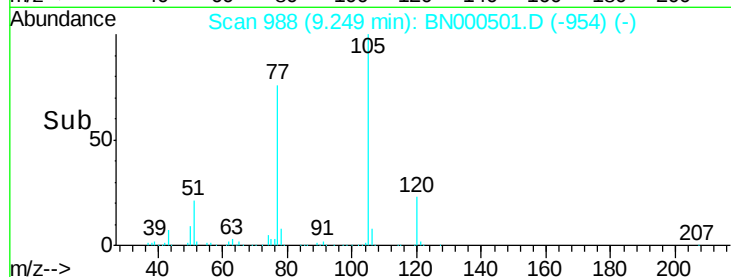
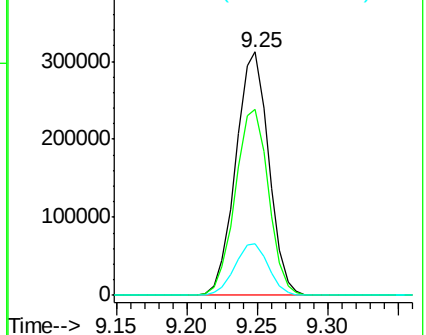
51 21.4 19.8 29.8



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

Ion 51.00 (50.70 to 51.70): BNO



#37

Hexachlorocyclopentadiene

Concen: 1.010 ng/ul

RT: 13.22 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BN000501.D

Acq: 20 Mar 2018 20:11

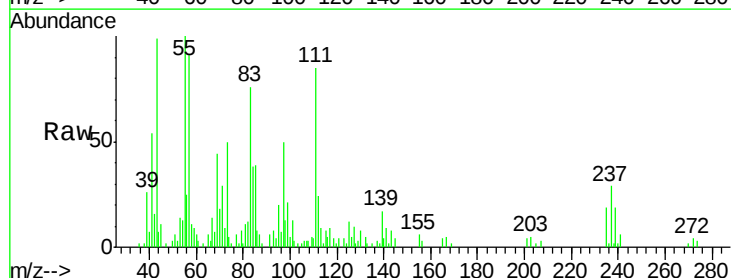
Tgt Ion:237 Resp: 8416

Ion Ratio Lower Upper

237 100

235 64.6 49.5 74.3

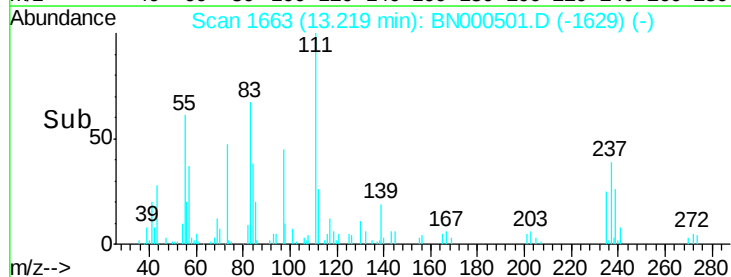
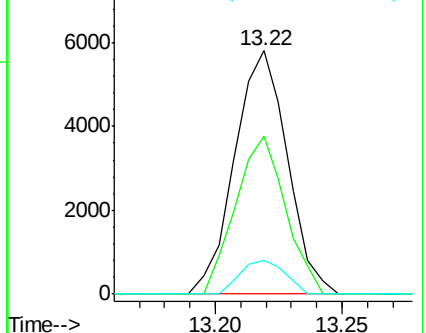
272 13.6 8.6 12.8#

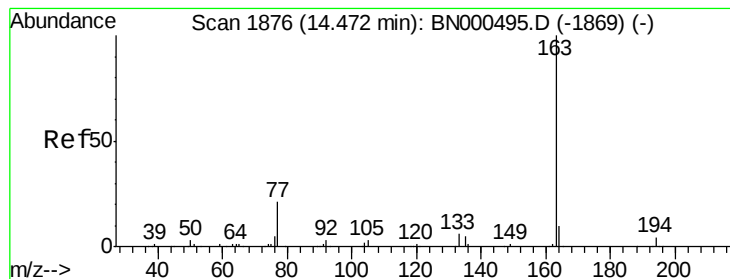


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E





#44

Dimethylphthalate

Concen: 3.762 ng/ul

RT: 14.47 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BN000501.D

Acq: 20 Mar 2018 20:11

Instrument :

BNA_N

ClientSampleId :

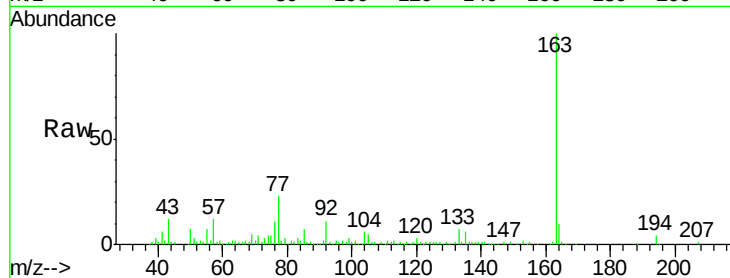
Tot Ion:163 Resp: 156342

Ion Ratio Lower Upper

163 100

194 3.6 4.0 6.0#

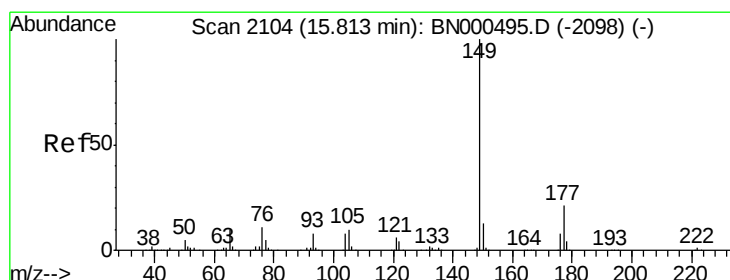
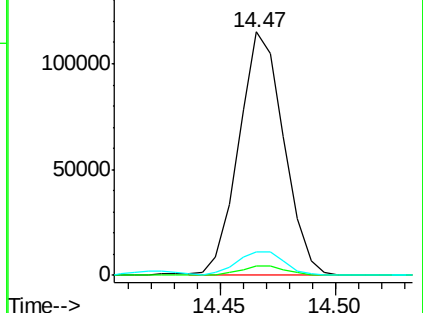
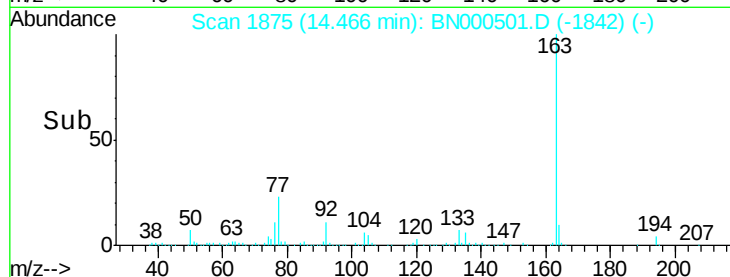
164 9.7 8.4 12.6



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



#56

Diethylphthalate

Concen: 46.745 ng/ul

RT: 15.81 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN000501.D

Acq: 20 Mar 2018 20:11

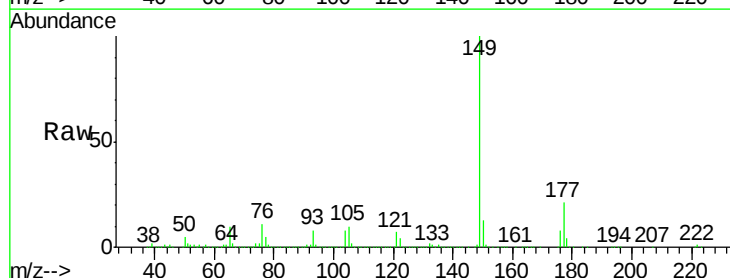
Tgt Ion:149 Resp: 1982991

Ion Ratio Lower Upper

149 100

177 21.2 19.3 28.9

150 12.7 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

