

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005208.D
 Acq On : 23 Apr 2019 11:24
 Operator : JU/SJ
 Sample : K2455-18DL 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 23 15:05:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	463416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1936291	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1089293	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2168783	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	1676098	20.00	ng/ul	0.01
85) Perylene-d12	23.44	264	1826635	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	27276	2.84	ng/uL	0.00
5) Phenol-d5	6.77	99	564803	15.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	359659	15.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	463000	16.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	474554	16.68	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	220669	18.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	226231	18.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	430401	15.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1120911	39.25	ng/ul	-0.01
43) Dimethylphthalate-d6	13.65	166	1218233	15.41	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1546500	15.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	164981	13.21	ng/ul	0.00
57) Fluorene-d10	15.23	176	1015055	15.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	36798	3.77	ng/ul	0.00
70) Anthracene-d10	17.09	188	1436449	15.80	ng/ul	0.00
78) Pyrene-d10	19.40	212	1378056	16.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1288394	16.14	ng/ul	0.02

Target Compounds

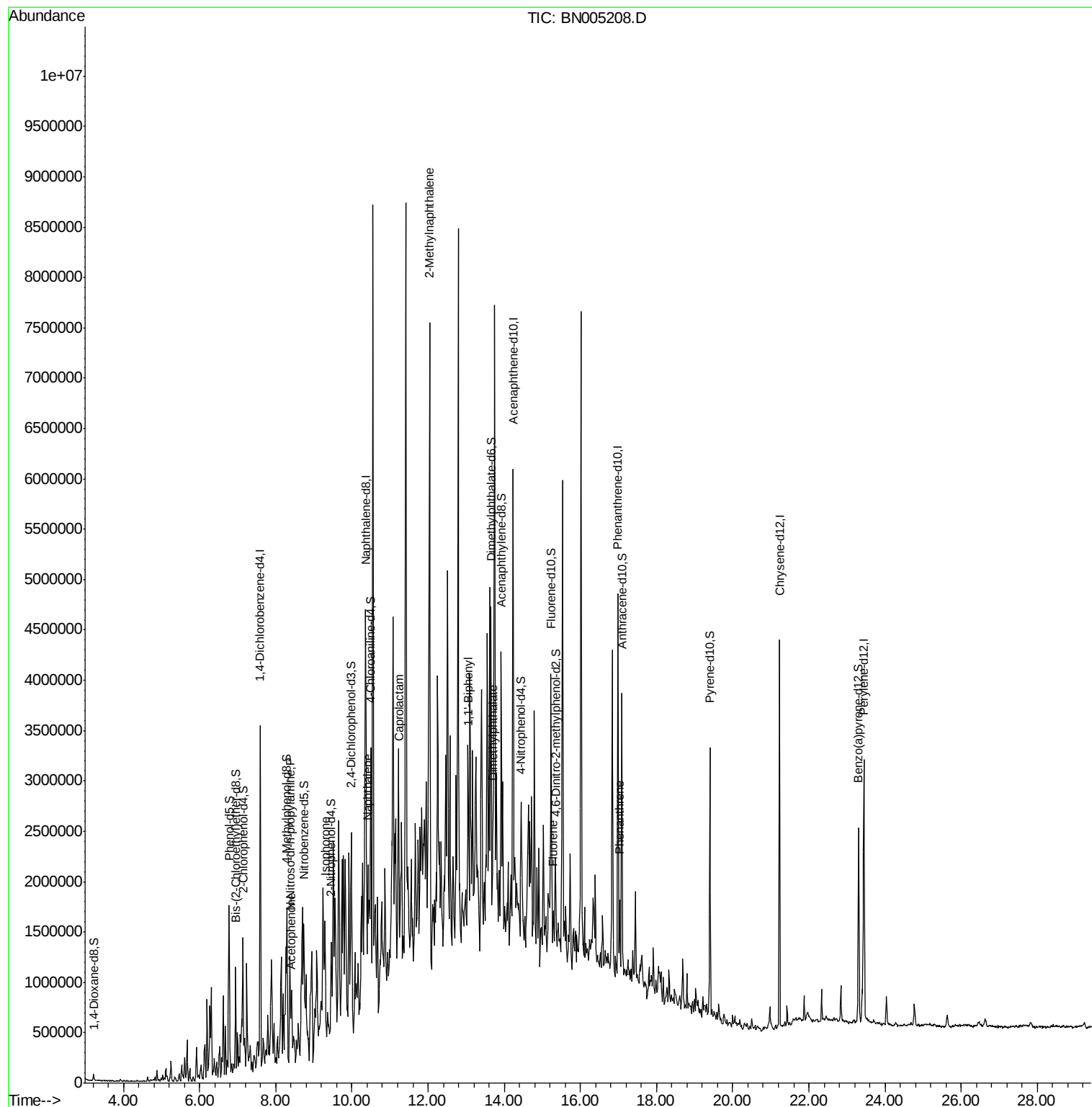
					Ovalue	
14) Acetophenone	8.40	105	140535	3.086	ng/ul#	37
15) N-Nitroso-di-n-propylamine	8.37	70	39141	1.607	ng/ul#	59
21) Isophorone	9.30	82	111171	1.712	ng/ul#	1
28) Naphthalene	10.41	128	523910	5.820	ng/ul	95
32) Caprolactam	11.23	113	11979	1.449	ng/ul#	1
34) 2-Methylnaphthalene	12.03	142	1869141	28.359	ng/ul	98
40) 1,1'-Biphenyl	13.06	154	146649	1.807	ng/ul	99
44) Dimethylphthalate	13.70	163	211166	2.680	ng/ul#	95
58) Fluorene	15.29	166	97568	1.333	ng/ul#	91
69) Phenanthrene	17.03	178	199059	1.885	ng/ul#	93

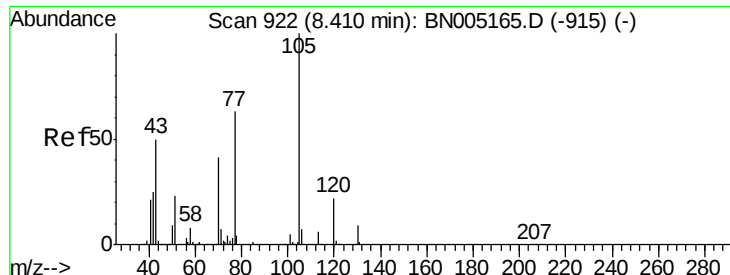
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration





#14

Acetophenone

Concen: 3.086 ng/ul

RT: 8.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BN005208.D

Acq: 23 Apr 2019 11:24

Instrument :

BNA_N

ClientSampleId :

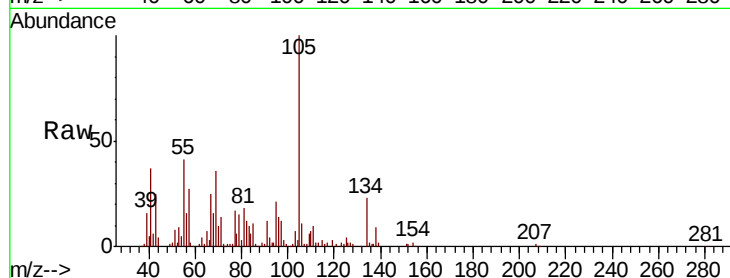
Tot Ion:105 Resp: 140535

Ion Ratio Lower Upper

105 100

77 16.6 63.4 95.0#

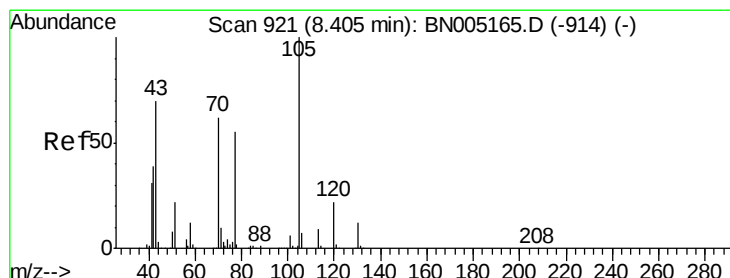
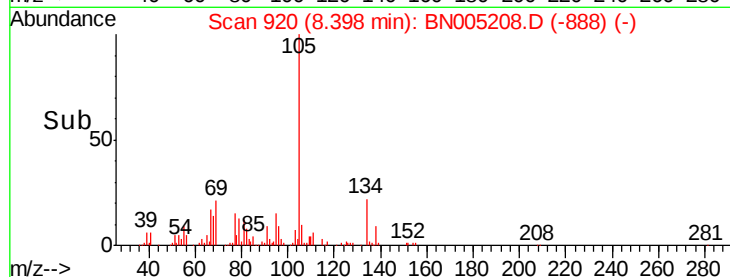
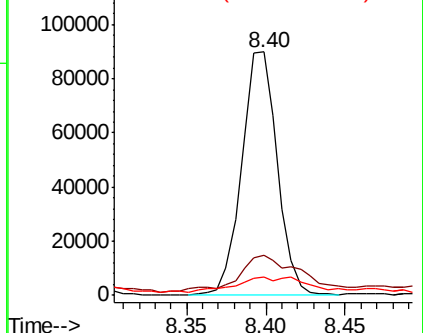
51 7.6 24.2 36.4#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#15

N-Nitroso-di-n-propylamine

Concen: 1.607 ng/ul

RT: 8.37 min Scan# 915

Delta R.T. -0.04 min

Lab File: BN005208.D

Acq: 23 Apr 2019 11:24

Tgt Ion: 70 Resp: 39141

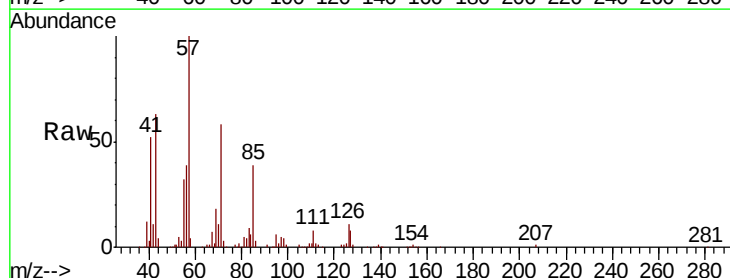
Ion Ratio Lower Upper

70 100

42 101.7 53.8 80.8#

101 0.0 7.7 11.5#

130 0.0 15.0 22.4#

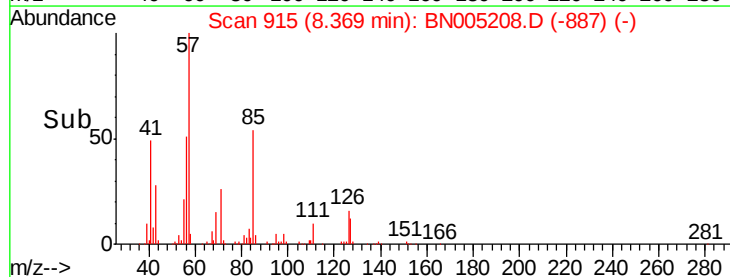
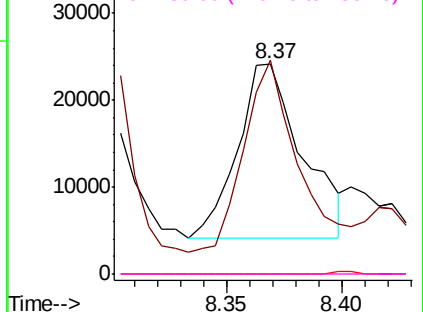


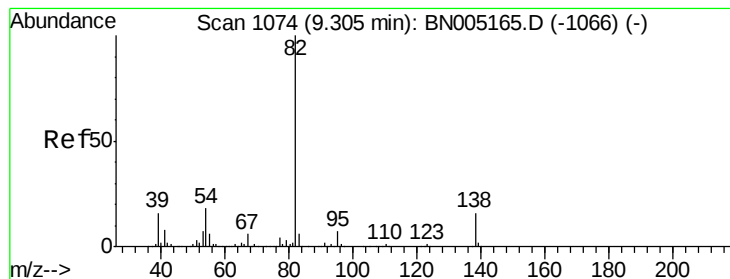
Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC





#21

Isophorone

Concen: 1.712 ng/ul

RT: 9.30 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BN005208.D

Acq: 23 Apr 2019 11:24

Instrument :

BNA_N

ClientSampled :

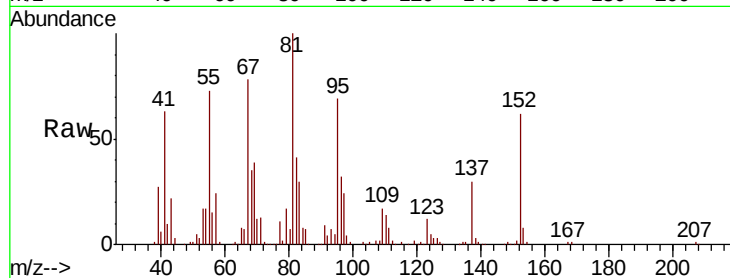
Tot Ion: 82 Resp: 111171

Ion Ratio Lower Upper

82 100

95 167.1 6.2 9.2#

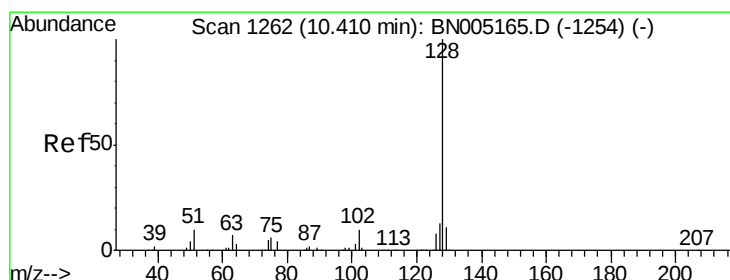
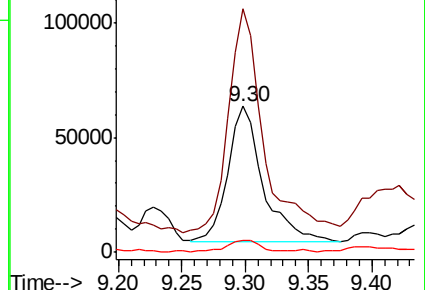
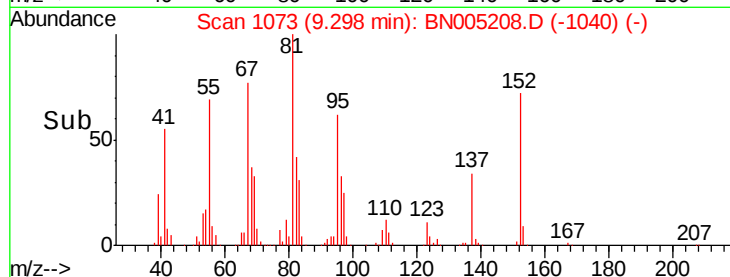
138 7.8 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BN005208.D (-1040) (-)

Ion 95.00 (94.70 to 95.70): BN005208.D (-1040) (-)

Ion 138.00 (137.70 to 138.70): BN005208.D (-1040) (-)



#28

Naphthalene

Concen: 5.820 ng/ul

RT: 10.41 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BN005208.D

Acq: 23 Apr 2019 11:24

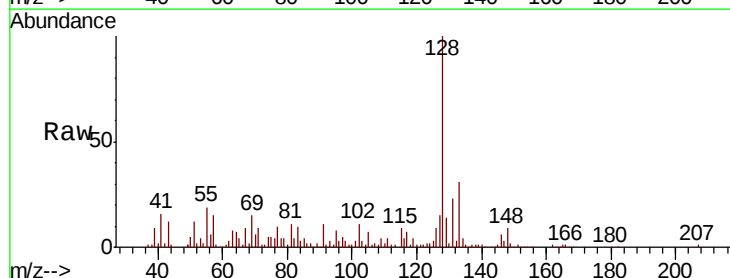
Tgt Ion:128 Resp: 523910

Ion Ratio Lower Upper

128 100

129 13.5 9.2 13.8

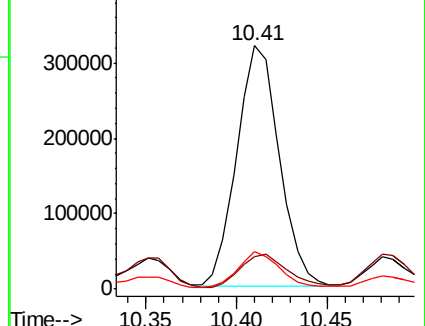
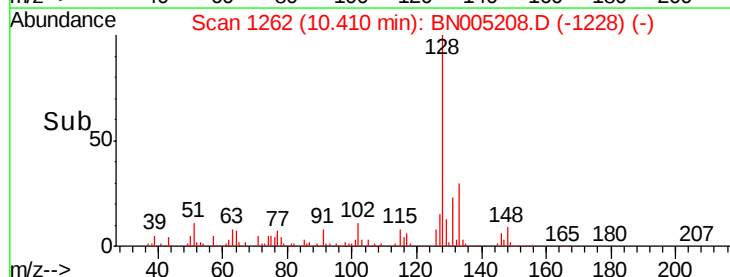
127 15.2 10.7 16.1

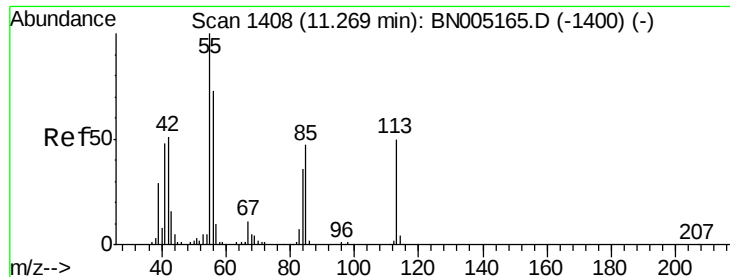


Abundance Ion 128.00 (127.70 to 128.70): BN005208.D (-1228) (-)

Ion 129.00 (128.70 to 129.70): BN005208.D (-1228) (-)

Ion 127.00 (126.70 to 127.70): BN005208.D (-1228) (-)





#32

Caprolactam

Concen: 1.449 ng/ul

RT: 11.23 min Scan# 1402

Delta R.T. -0.04 min

Lab File: BN005208.D

Acq: 23 Apr 2019 11:24

Instrument :

BNA_N

ClientSampleId :

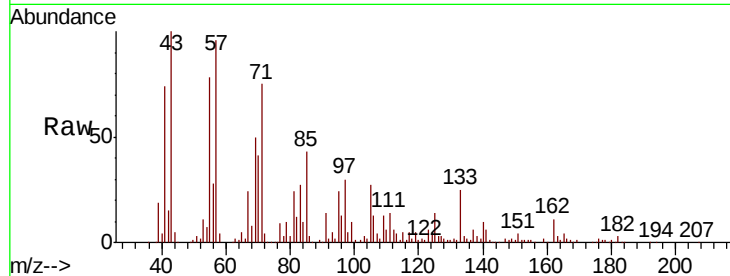
Tot Ion:113 Resp: 11979

Ion Ratio Lower Upper

113 100

55 2104.9 157.0 235.4#

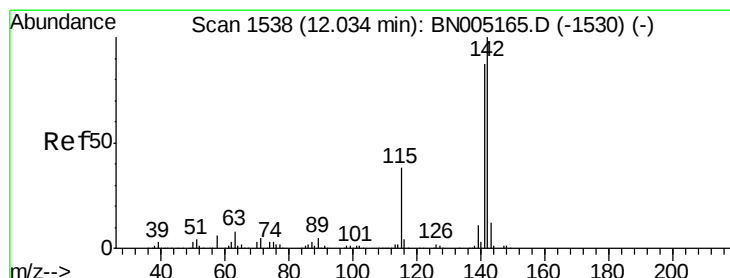
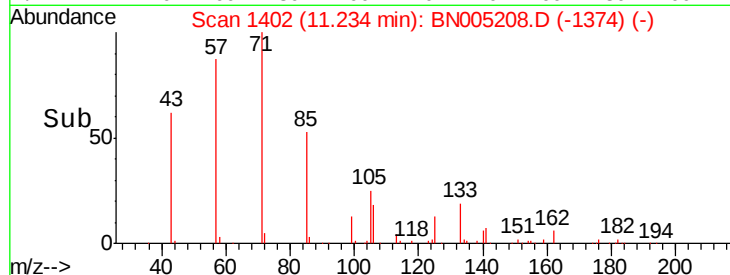
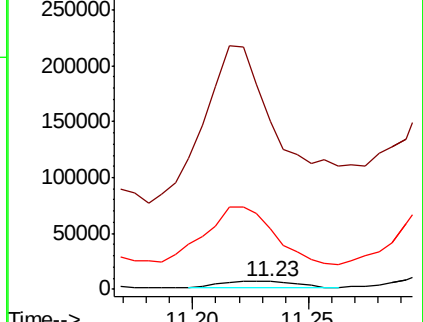
56 760.9 119.1 178.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#34

2-Methylnaphthalene

Concen: 28.359 ng/ul

RT: 12.03 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BN005208.D

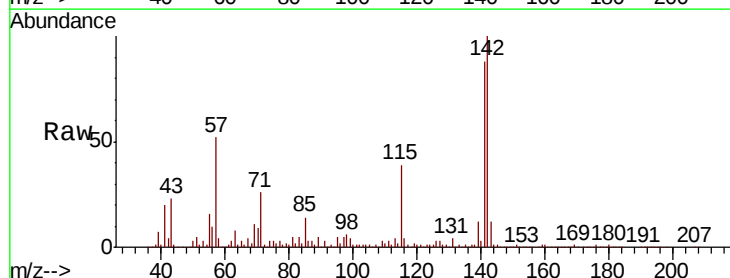
Acq: 23 Apr 2019 11:24

Tgt Ion:142 Resp: 1869141

Ion Ratio Lower Upper

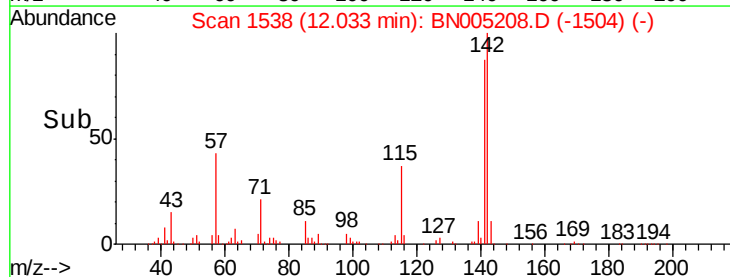
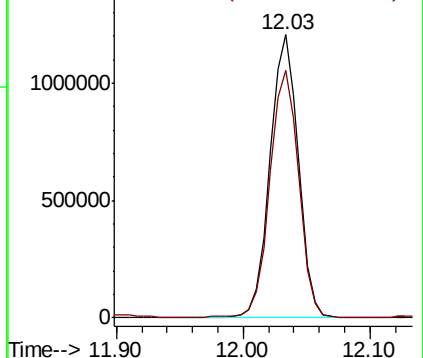
142 100

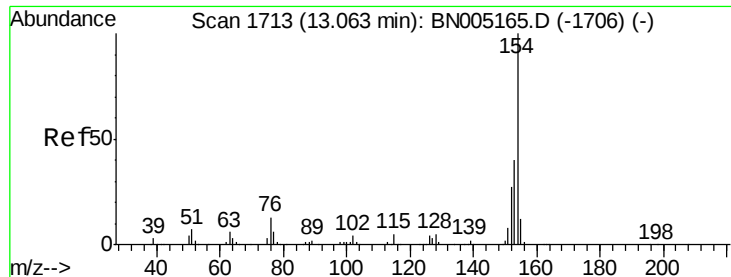
141 87.6 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

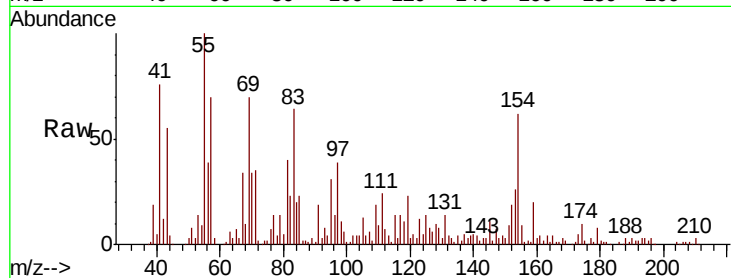




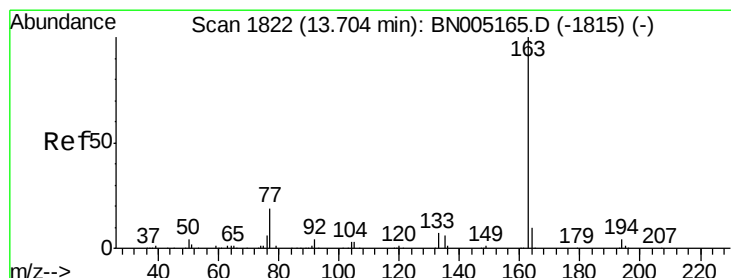
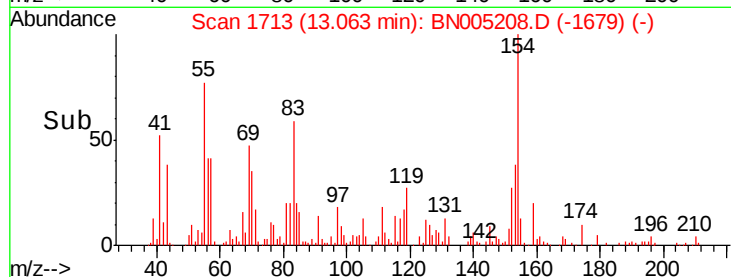
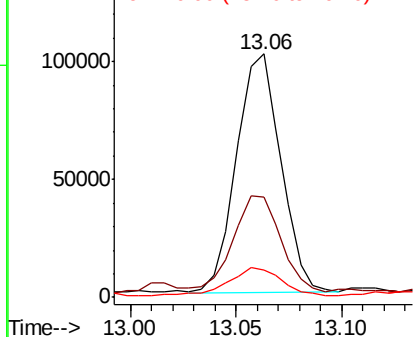
#40
 1,1'-Biphenyl
 Concen: 1.807 ng/ul
 RT: 13.06 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BN005208.D
 Acq: 23 Apr 2019 11:24

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.6	49.0
76	11.5	10.4	15.6

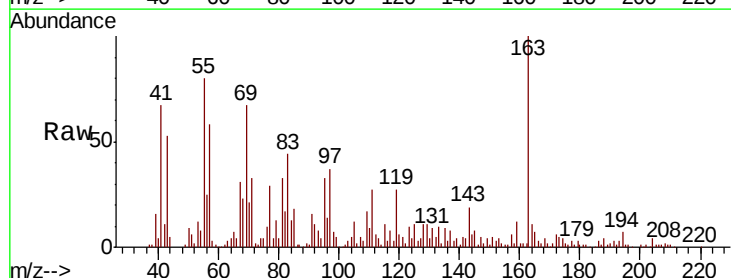


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

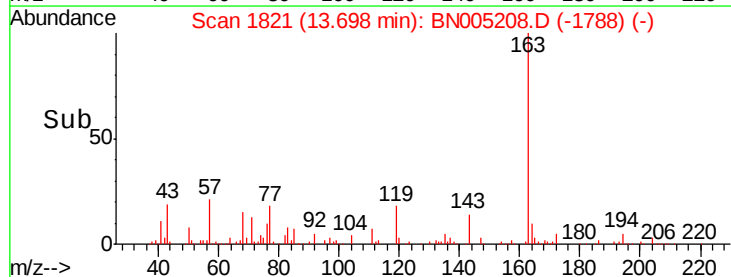
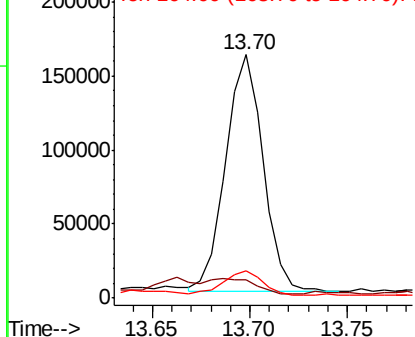


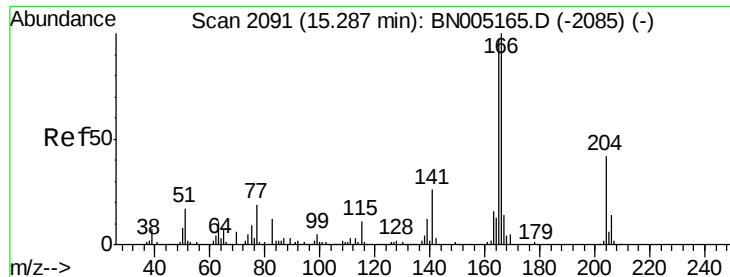
#44
 Dimethylphthalate
 Concen: 2.680 ng/ul
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BN005208.D
 Acq: 23 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.4	3.4	5.0#
164	11.2	8.1	12.1



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

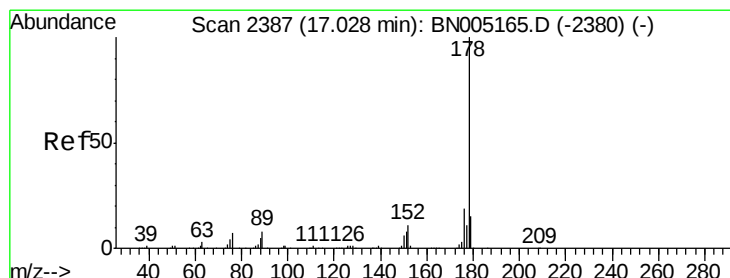
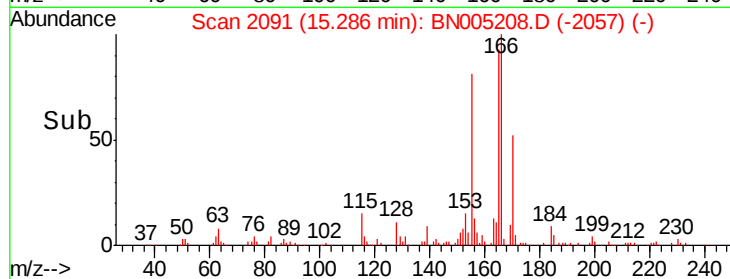
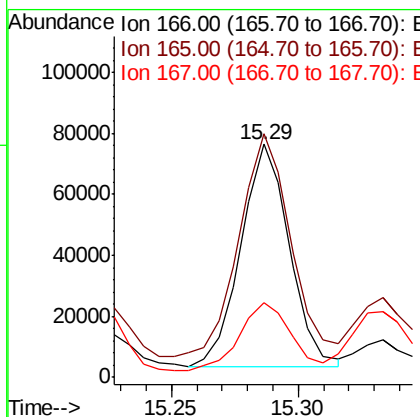
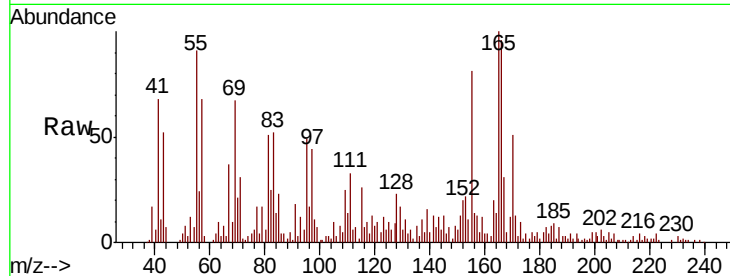




#58
 Fluorene
 Concen: 1.333 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BN005208.D
 Acq: 23 Apr 2019 11:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 97568
 Ion Ratio Lower Upper
 166 100
 165 104.5 80.0 120.0
 167 32.0 10.7 16.1#



#69
 Phenanthrene
 Concen: 1.885 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. -0.00 min
 Lab File: BN005208.D
 Acq: 23 Apr 2019 11:24

Tgt Ion:178 Resp: 199059
 Ion Ratio Lower Upper
 178 100
 179 20.6 12.2 18.4#
 176 19.8 15.1 22.7

