

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
 Data File : BN004242.D
 Acq On : 27 Dec 2018 15:56
 Operator : JU/SJ
 Sample : J6489-12DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F55DL

Quant Time: Dec 28 00:31:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 28 00:28:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	33298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	156508	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	102974	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	210285	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	255946	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	322508	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	2855	5.61	ng/uL	-0.02
5) Phenol-d5	6.99	99	4443	1.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	12487	7.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	12307	4.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	8565	3.12	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	10282	8.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	8863	6.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	14852	5.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	1712	0.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	57829	6.29	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	65179	5.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	2682	1.41	ng/ul	0.02
57) Fluorene-d10	15.45	176	44268	5.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	5490	3.62	ng/ul	0.00
70) Anthracene-d10	17.30	188	81278	7.65	ng/ul	0.00
78) Pyrene-d10	19.60	212	81444	7.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	106693	6.10	ng/ul	0.01

Target Compounds

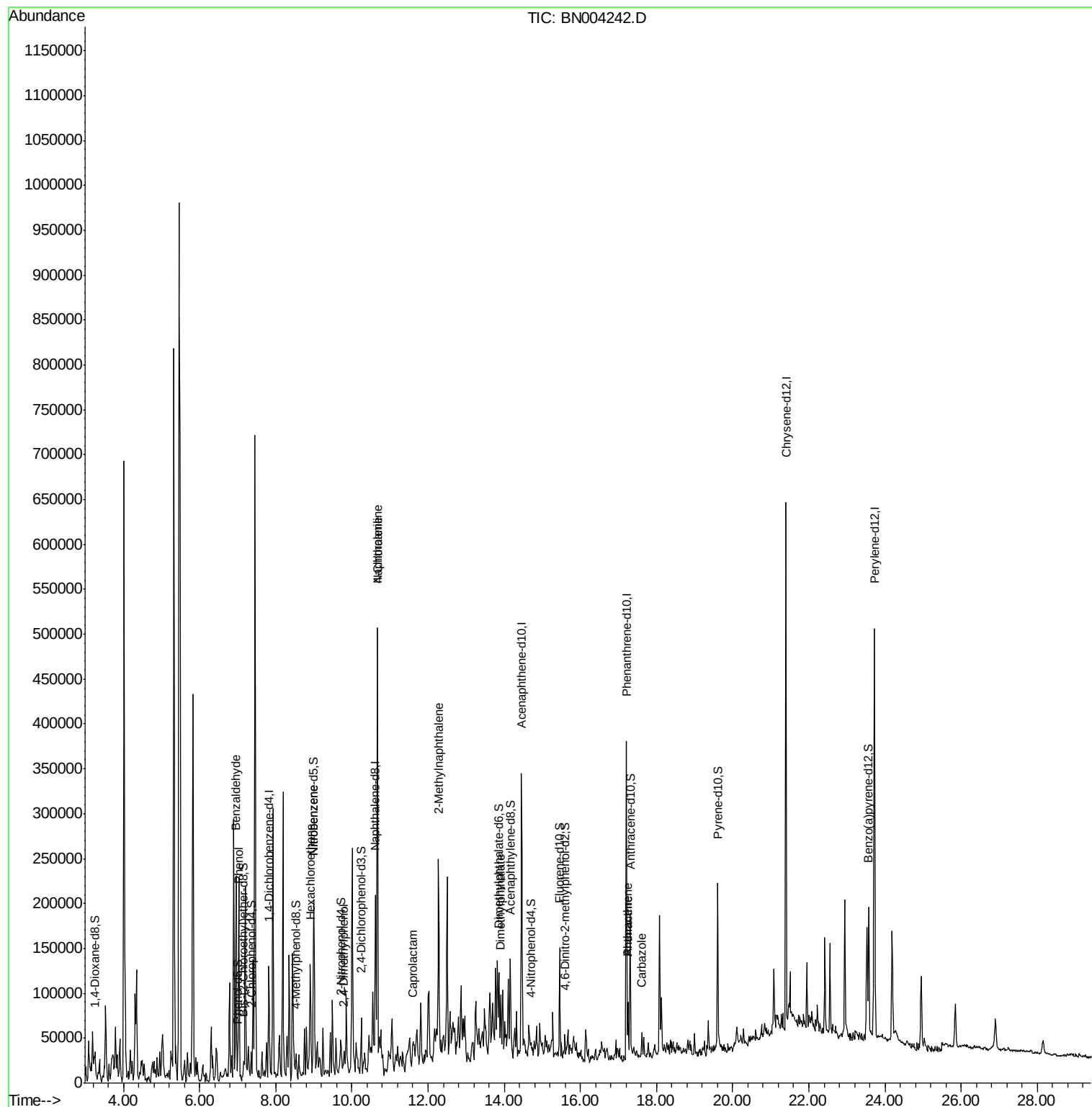
					Qvalue	
4) Benzaldehyde	6.96	77	14624	26.136	ng/ul#	1
6) Phenol	7.02	94	14799	4.479	ng/ul#	89
17) Hexachloroethane	8.91	117	16203	17.403	ng/ul#	6
20) Nitrobenzene	8.99	77	4481	1.669	ng/ul#	1
24) 2,4-Dimethylphenol	9.79	107	3304	1.155	ng/ul#	87
28) Naphthalene	10.67	128	399786	47.610	ng/ul	100
30) 4-Chloroaniline	10.67	127	53250	21.757	ng/ul#	8
32) Caprolactam	11.60	113	1124	1.121	ng/ul#	1
34) 2-Methylnaphthalene	12.28	142	102304	16.177	ng/ul	99
44) Dimethylphthalate	13.91	163	28448	3.170	ng/ul	97
69) Phenanthrene	17.25	178	36505	3.005	ng/ul	97
71) Anthracene	17.25	178	36505	2.931	ng/ul	98
74) Carbazole	17.62	167	15712	1.373	ng/ul	96

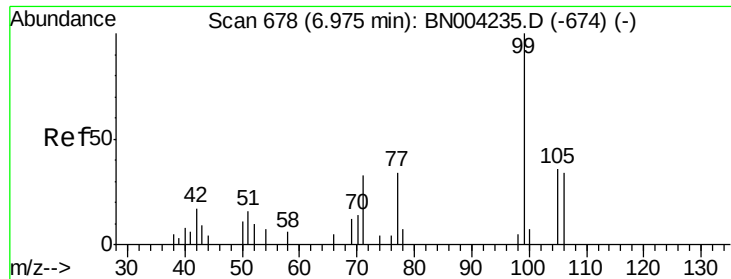
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 00:28:03 2018
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 26.136 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.02 min

Lab File: BN004242.D

Acq: 27 Dec 2018 15:56

Instrument :

BNA_N

ClientSampled :

F9F55DL

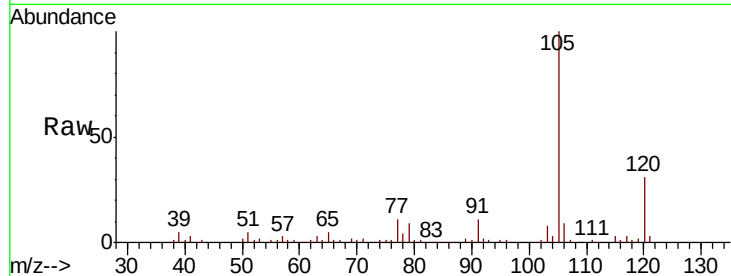
Tgt Ion: 77 Resp: 14624

Ion Ratio Lower Upper

77 100

105 922.4 80.2 120.4#

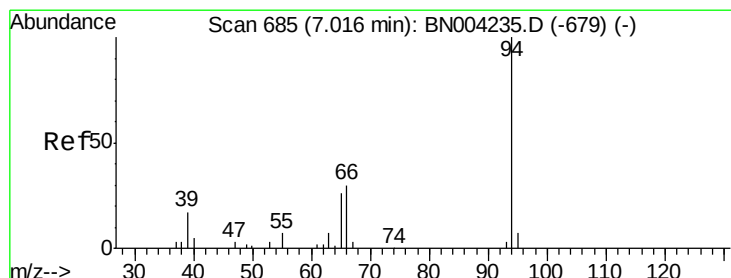
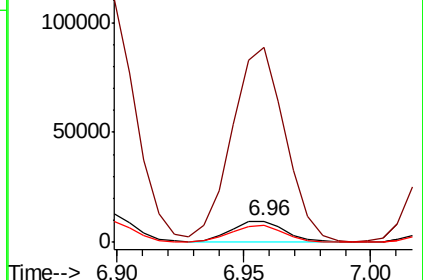
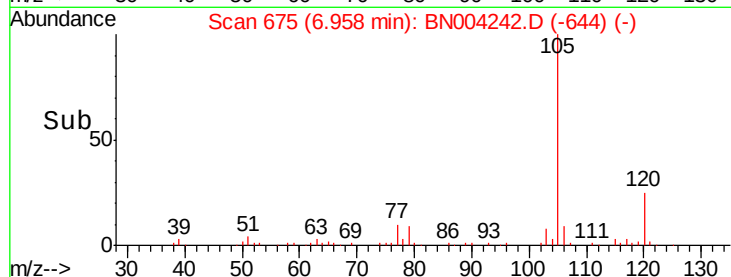
106 80.2 78.8 118.2



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 4.479 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004242.D

Acq: 27 Dec 2018 15:56

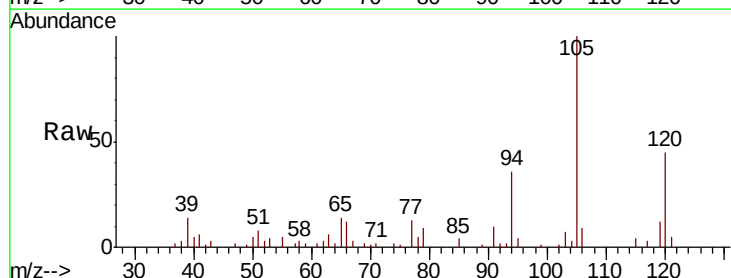
Tgt Ion: 94 Resp: 14799

Ion Ratio Lower Upper

94 100

65 39.0 21.2 31.8#

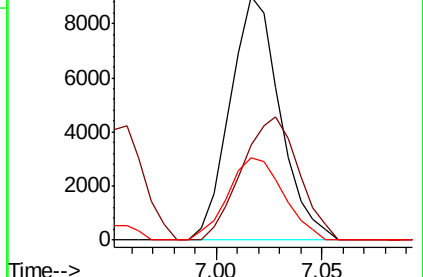
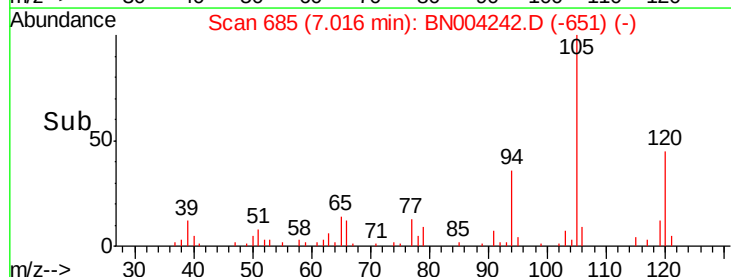
66 33.9 26.9 40.3

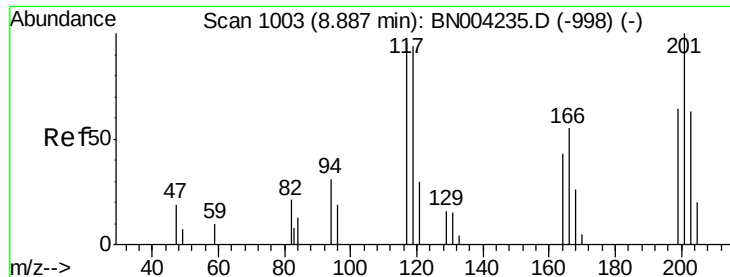


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#17

Hexachloroethane

Concen: 17.403 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BN004242.D

Acq: 27 Dec 2018 15:56

Instrument :

BNA_N

ClientSampleId :

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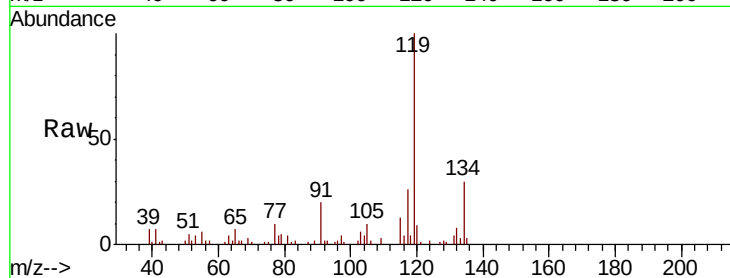
Tgt Ion:117 Resp: 16203

Ion Ratio Lower Upper

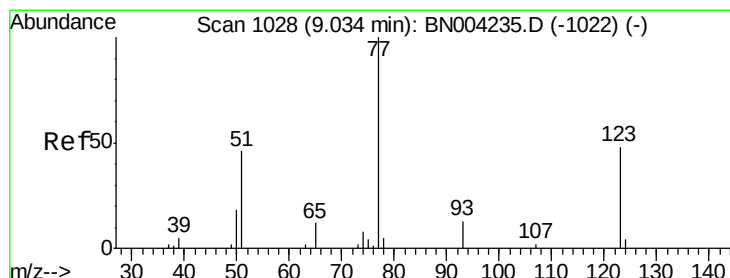
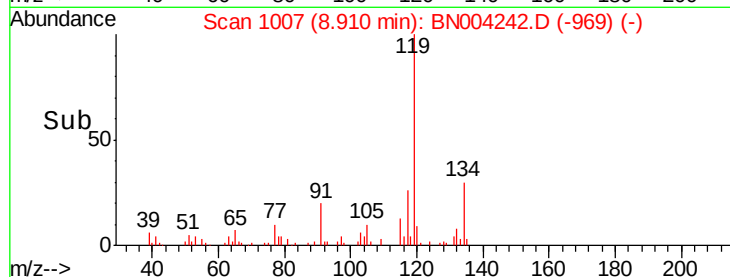
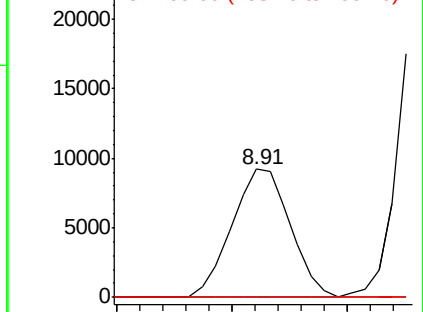
117 100

201 0.0 82.1 123.1#

199 0.0 50.6 76.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 1.669 ng/ul

RT: 8.99 min Scan# 1020

Delta R.T. -0.05 min

Lab File: BN004242.D

Acq: 27 Dec 2018 15:56

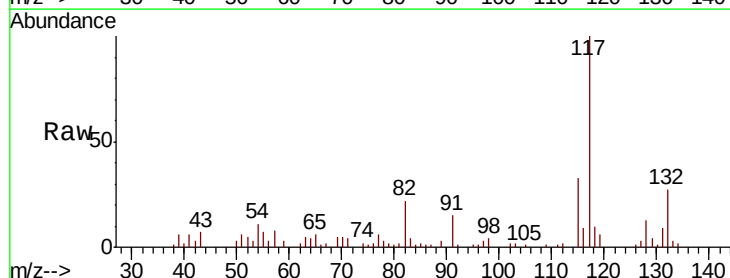
Tgt Ion: 77 Resp: 4481

Ion Ratio Lower Upper

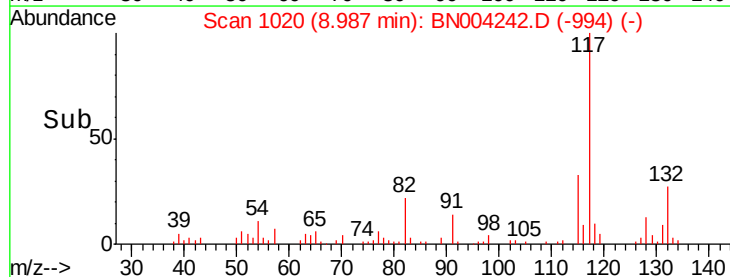
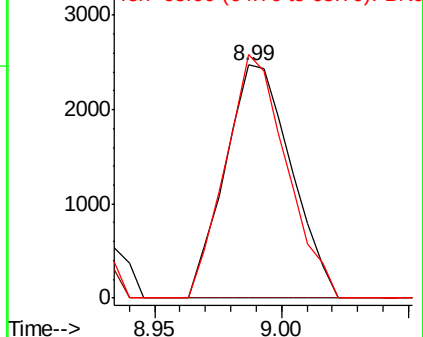
77 100

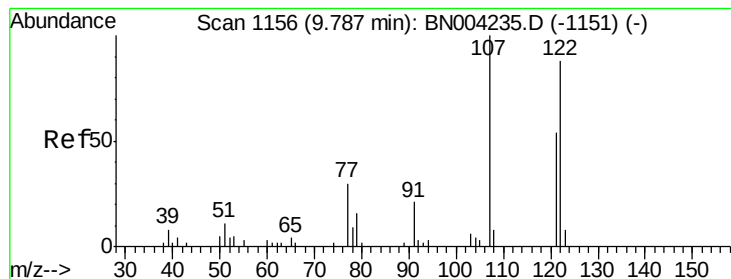
123 0.0 39.3 58.9#

65 104.4 10.3 15.5#



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BNC





#24

2,4-Dimethylphenol

Concen: 1.155 ng/ul

RT: 9.79 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BN004242.D

Acq: 27 Dec 2018 15:56

Instrument :

BNA_N

ClientSampleId :

F9F55DL

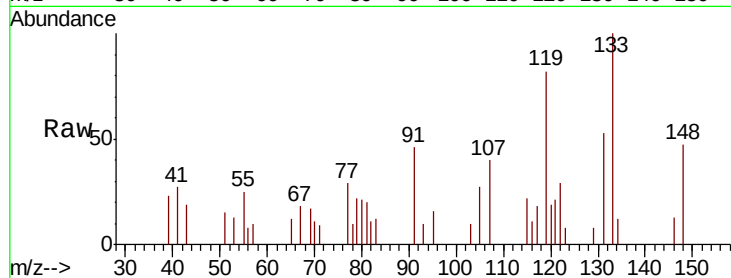
Tgt Ion:107 Resp: 3304

Ion Ratio Lower Upper

107 100

121 51.7 43.0 64.6

122 72.7 73.0 109.6#

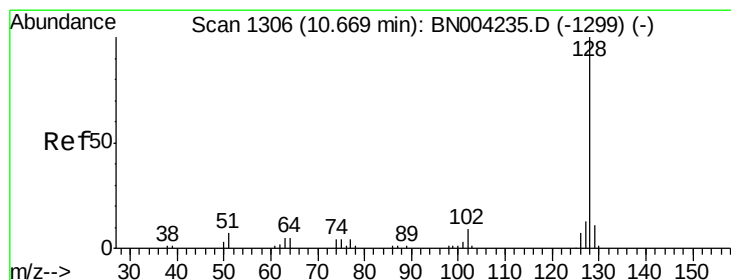
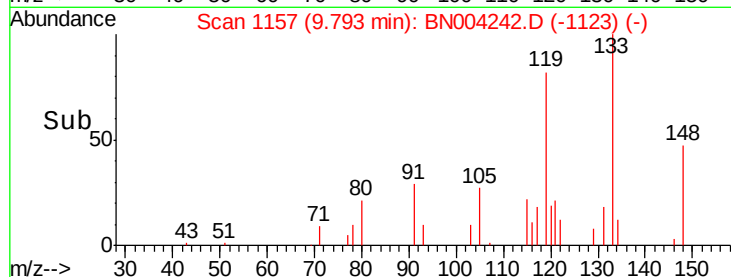
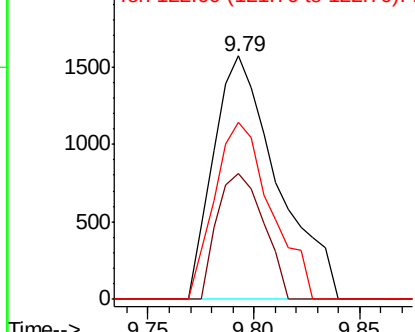


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 47.610 ng/ul

RT: 10.67 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BN004242.D

Acq: 27 Dec 2018 15:56

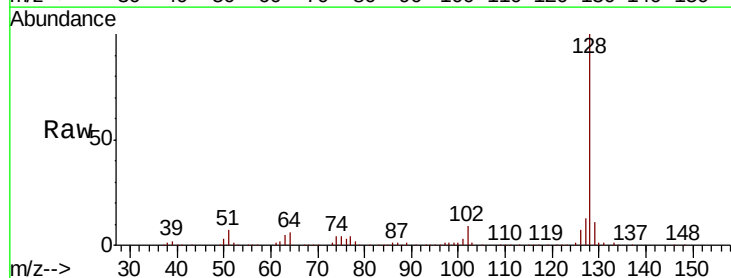
Tgt Ion:128 Resp: 399786

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 13.3 10.6 16.0

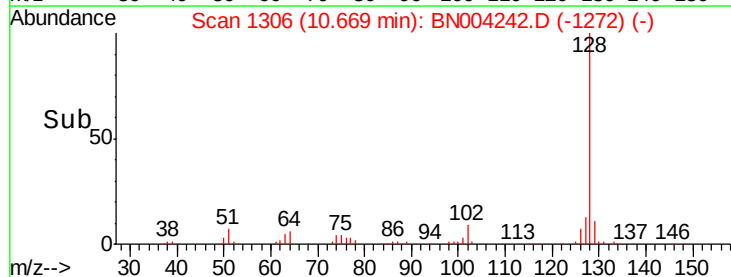
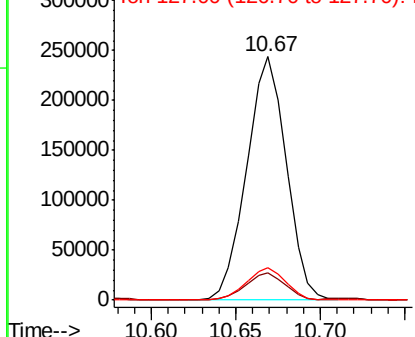


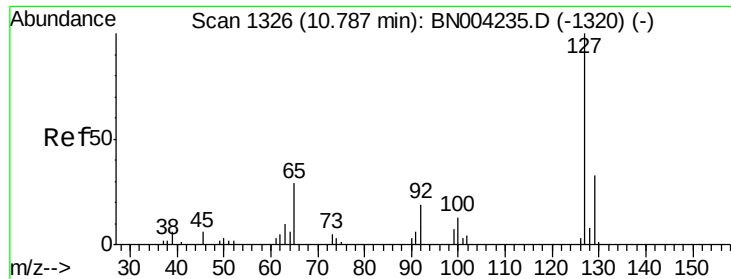
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

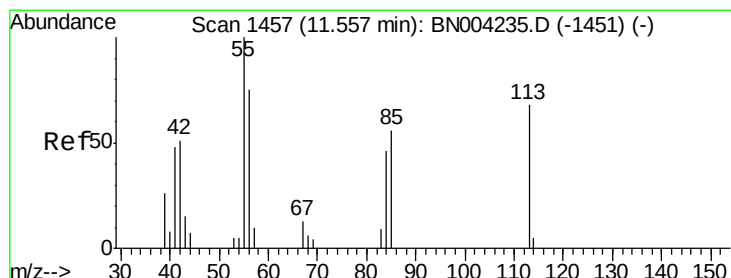
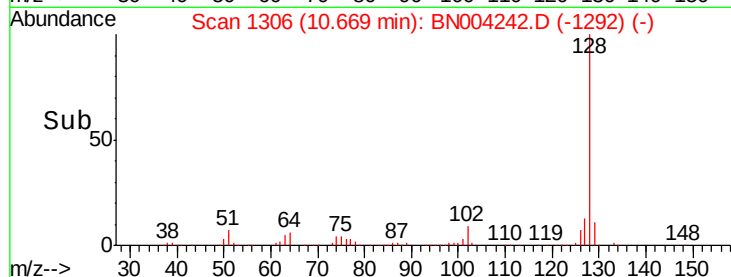
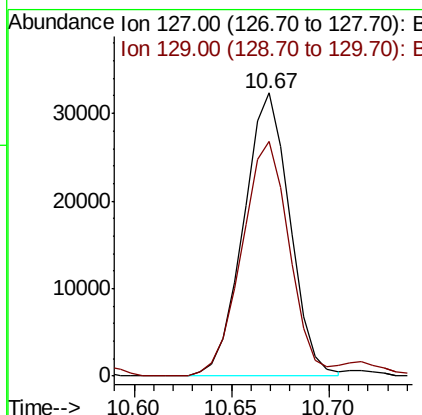
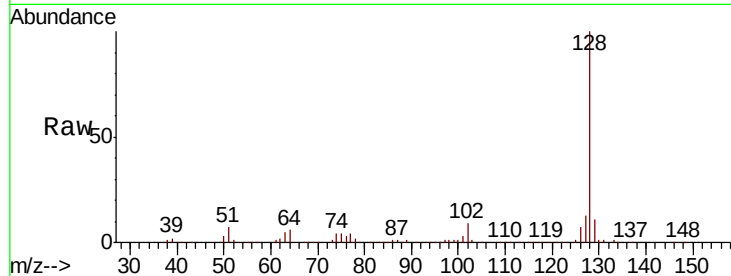




#30
4-Chloroaniline
Concen: 21.757 ng/ul
RT: 10.67 min Scan# 1306
Delta R.T. -0.12 min
Lab File: BN004242.D
Acq: 27 Dec 2018 15:56

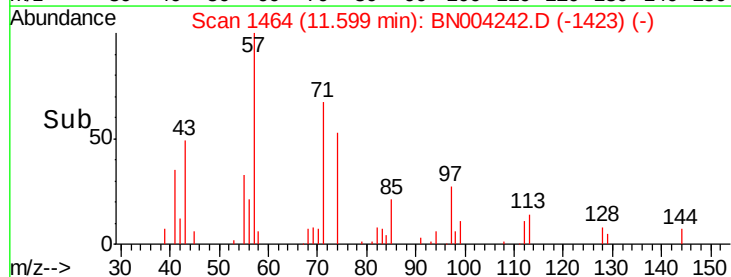
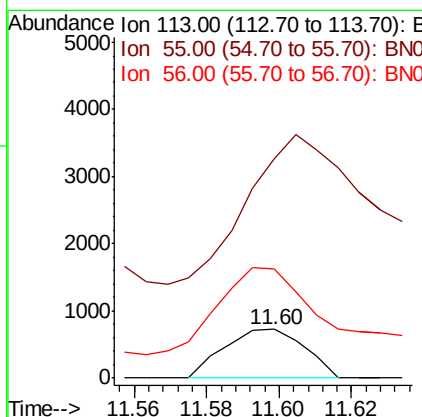
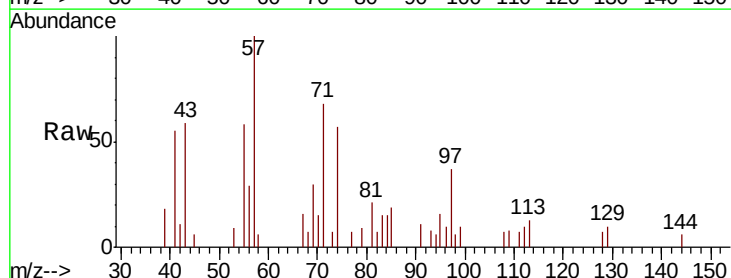
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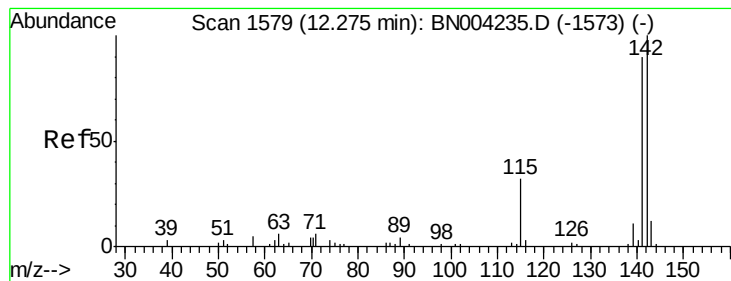
Tgt Ion:127 Resp: 53250
Ion Ratio Lower Upper
127 100
129 83.0 25.5 38.3#



#32
Caprolactam
Concen: 1.121 ng/ul
RT: 11.60 min Scan# 1464
Delta R.T. 0.04 min
Lab File: BN004242.D
Acq: 27 Dec 2018 15:56

Tgt Ion:113 Resp: 1124
Ion Ratio Lower Upper
113 100
55 451.5 116.6 175.0#
56 224.6 89.9 134.9#





#34

2-Methylnaphthalene

Concen: 16.177 ng/ul

RT: 12.28 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN004242.D

Acq: 27 Dec 2018 15:56

Instrument :

BNA_N

ClientSampleId :

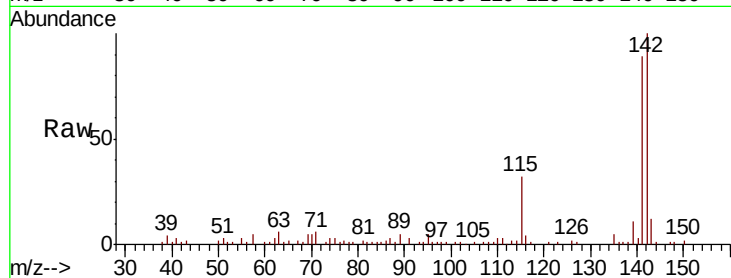
F9F55DL

Tgt Ion:142 Resp: 102304

Ion Ratio Lower Upper

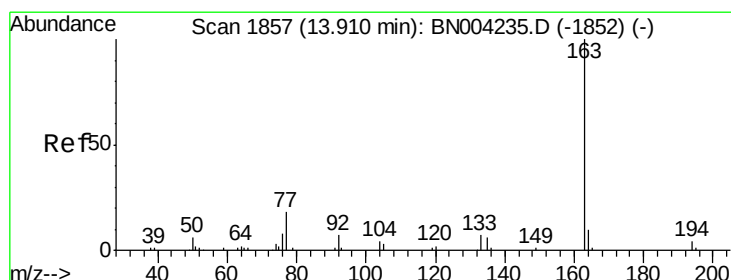
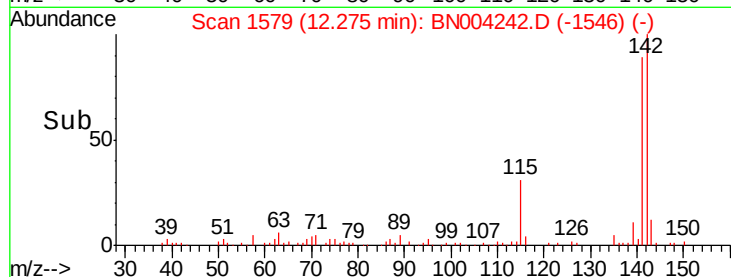
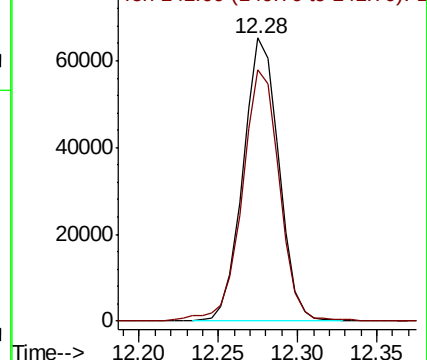
142 100

141 88.8 70.2 105.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#44

Dimethylphthalate

Concen: 3.170 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN004242.D

Acq: 27 Dec 2018 15:56

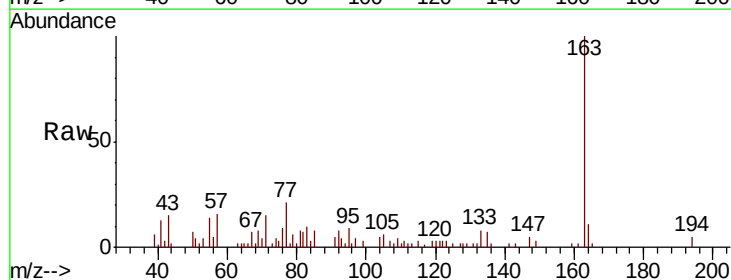
Tgt Ion:163 Resp: 28448

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

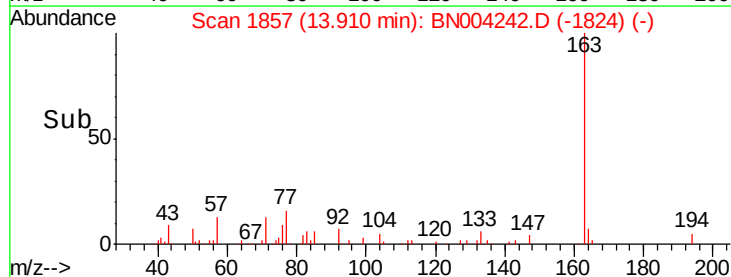
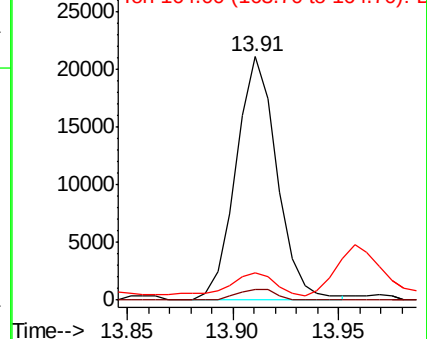
164 11.3 7.9 11.9

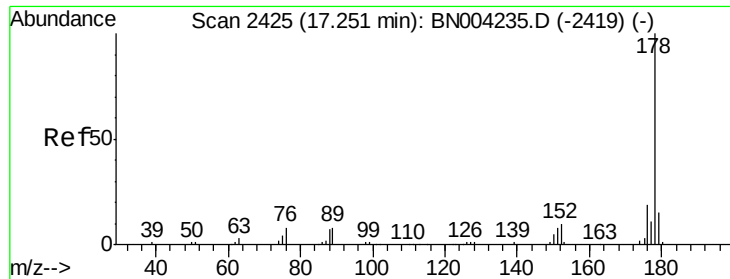


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 3.005 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BN004242.D

Acq: 27 Dec 2018 15:56

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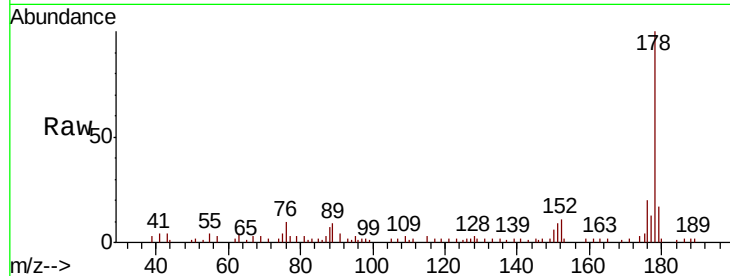
Tgt Ion:178 Resp: 36505

Ion Ratio Lower Upper

178 100

179 16.5 12.1 18.1

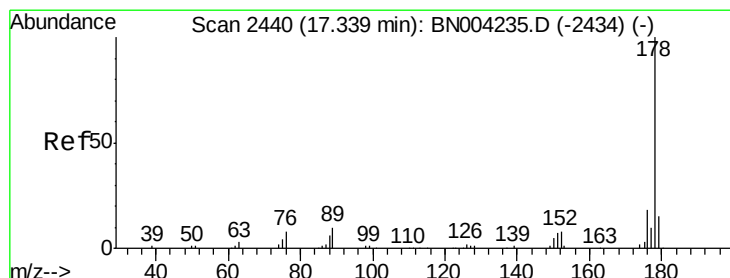
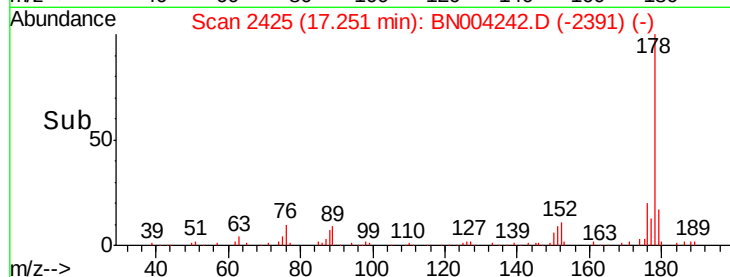
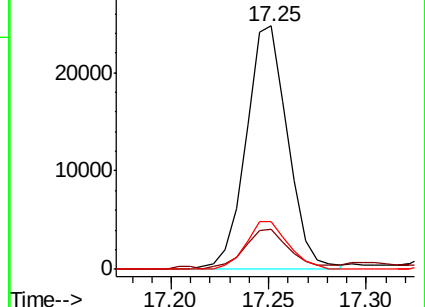
176 19.7 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 2.931 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.09 min

Lab File: BN004242.D

Acq: 27 Dec 2018 15:56

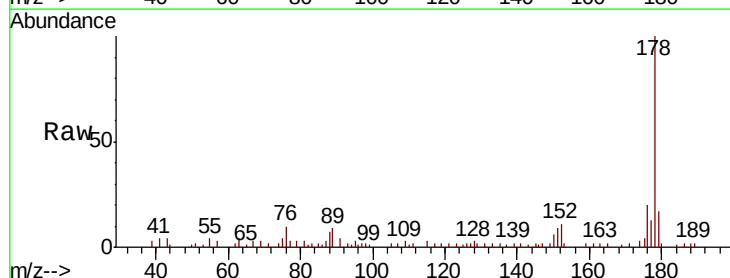
Tgt Ion:178 Resp: 36505

Ion Ratio Lower Upper

178 100

179 16.5 12.1 18.1

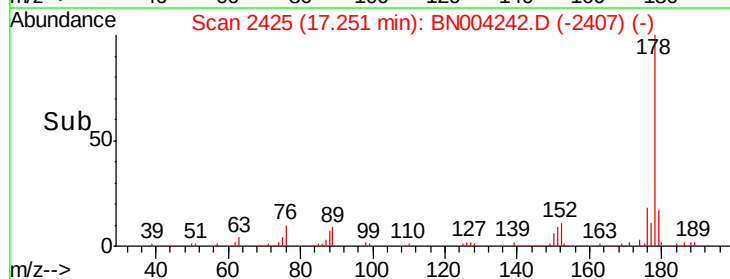
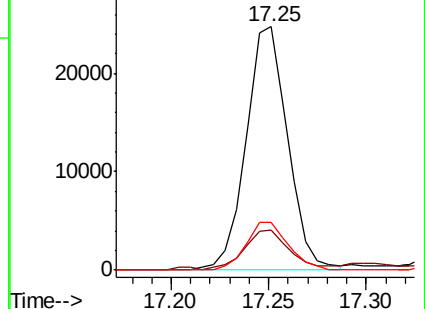
176 19.7 15.2 22.8

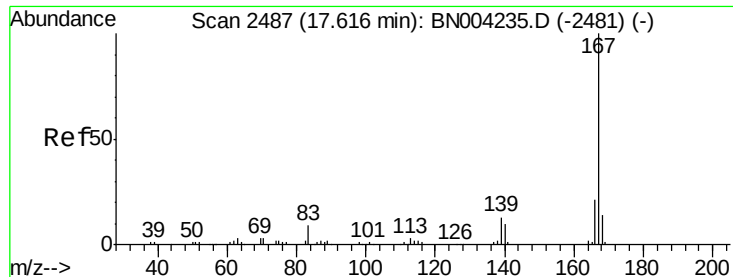


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.373 ng/ul

RT: 17.62 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BN004242.D

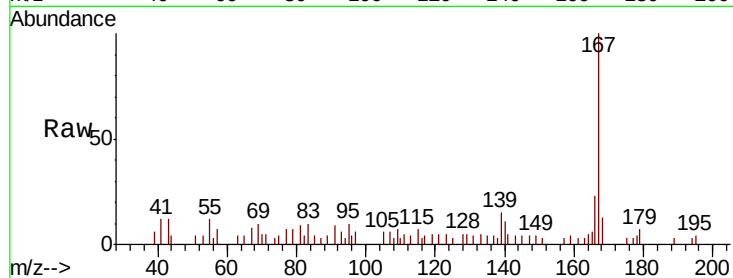
Acq: 27 Dec 2018 15:56

Instrument :

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Tgt Ion:	167	Resp:	15712
Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.4	26.0
139	15.1	10.2	15.2

