

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013781.D
 Acq On : 24 Jan 2018 23:01
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A71

Quant Time: Feb 07 08:51:28 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 00:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	143106	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	563070	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	320632	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	754824	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	850315	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	842446	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	15339	4.24	ng/uL	0.00
5) Phenol-d5	6.78	99	285921	26.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	169741	25.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	244983	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	239029	28.30	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	120139	27.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	129888	28.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	239828	26.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	271159	35.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	773942	29.29	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	966213	28.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	115510	26.90	ng/ul	0.00
57) Fluorene-d10	15.24	176	651420	28.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	105325	23.18	ng/ul	0.00
70) Anthracene-d10	17.10	188	1033909	28.12	ng/ul	0.00
76) Pyrene-d10	19.40	212	1183953	29.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	1180945	30.50	ng/ul	0.00

Target Compounds

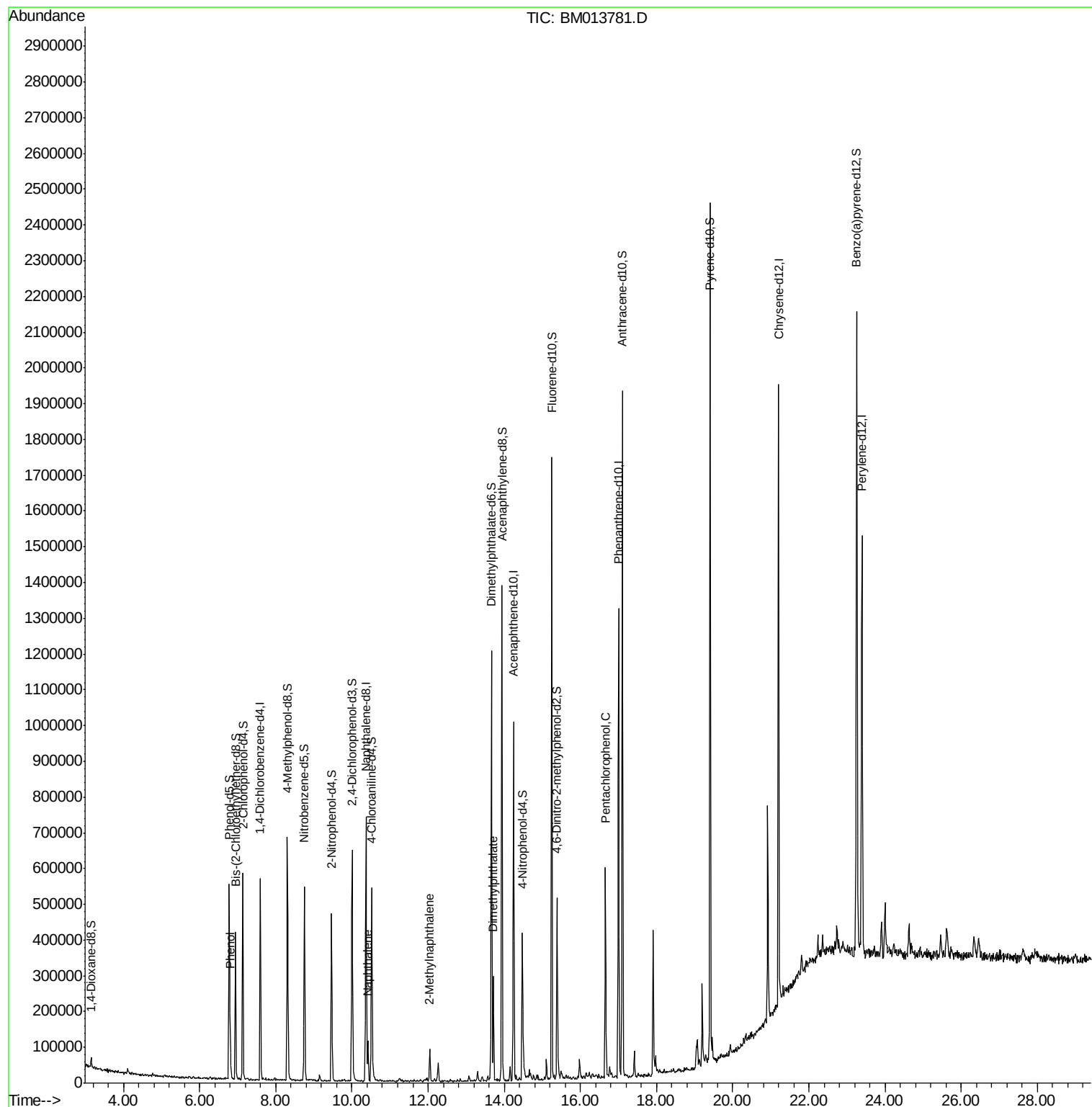
					Ovalue
6) Phenol	6.80	94	42447	3.852 ng/ul	94
28) Naphthalene	10.42	128	87839	3.136 ng/ul	98
34) 2-Methylnaphthalene	12.05	142	41504	1.987 ng/ul	91
44) Dimethylphthalate	13.71	163	182801	7.036 ng/ul	96
68) Pentachlorophenol	16.66	266	97433	19.106 ng/ul	96

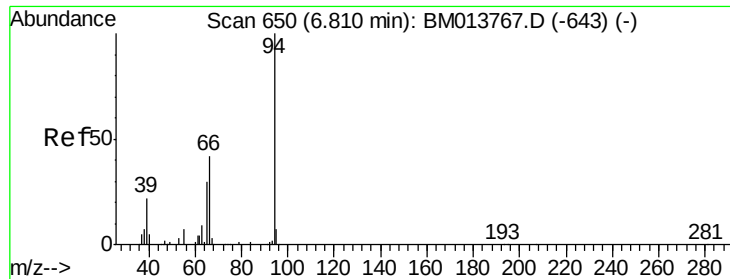
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.852 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM013781.D

Acq: 24 Jan 2018 23:01

Instrument :

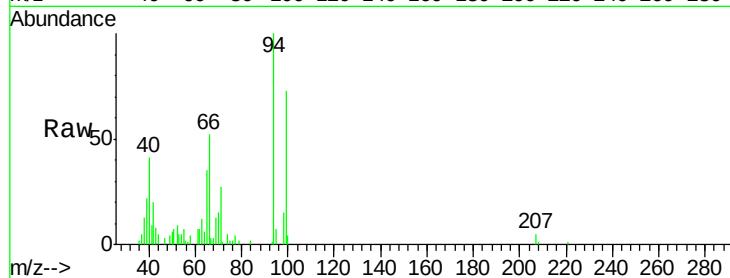
BNA_M

ClientSampleId :

F6A71

Tot Ion: 94 Resp: 42447

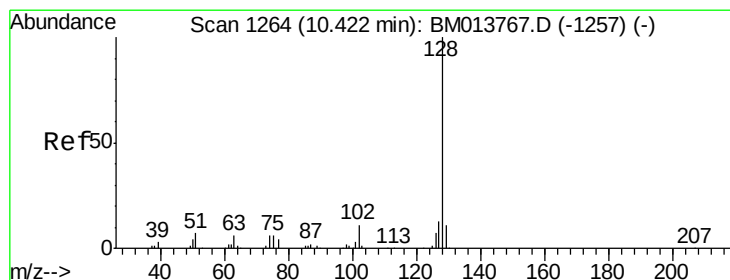
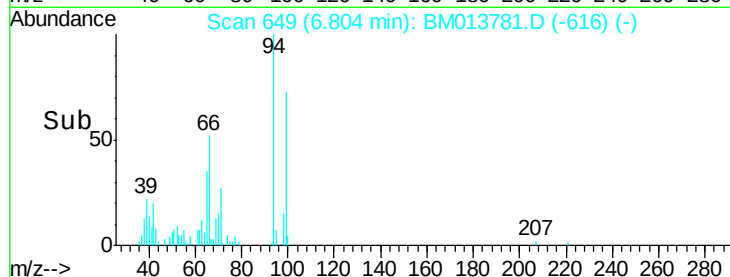
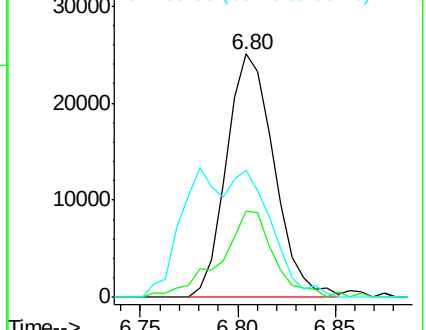
Ion	Ratio	Lower	Upper
94	100		
65	35.3	28.2	42.4
66	52.3	47.2	70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013767.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013767.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013767.D (-643) (-)



#28

Naphthalene

Concen: 3.136 ng/ul

RT: 10.42 min Scan# 1263

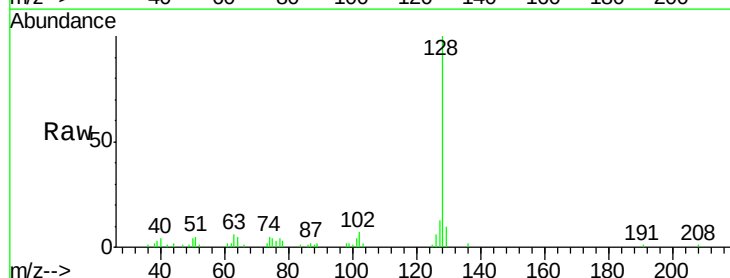
Delta R.T. -0.01 min

Lab File: BM013781.D

Acq: 24 Jan 2018 23:01

Tgt Ion: 128 Resp: 87839

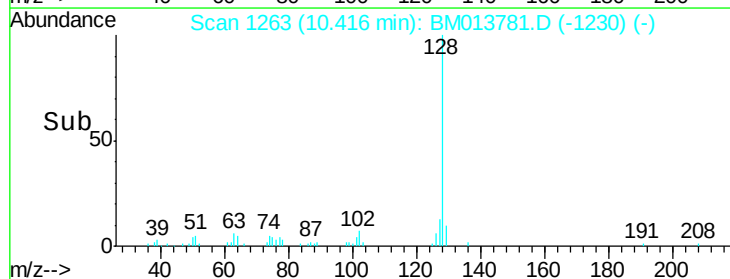
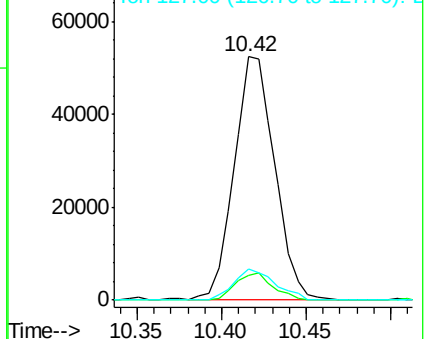
Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	12.8	10.6	16.0

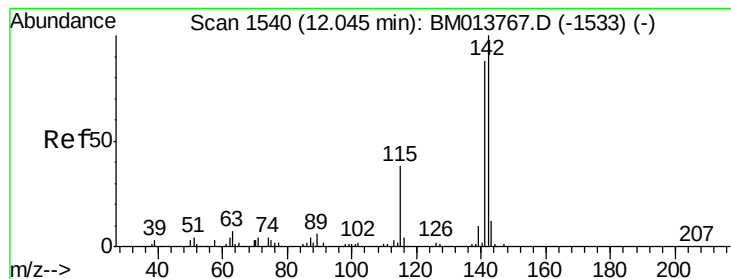


Abundance Ion 128.00 (127.70 to 128.70): BM013767.D (-1257) (-)

Ion 129.00 (128.70 to 129.70): BM013767.D (-1257) (-)

Ion 127.00 (126.70 to 127.70): BM013767.D (-1257) (-)





#34

2-Methylnaphthalene

Concen: 1.987 ng/ul

RT: 12.05 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BM013781.D

Acq: 24 Jan 2018 23:01

Instrument :

BNA_M

ClientSampled :

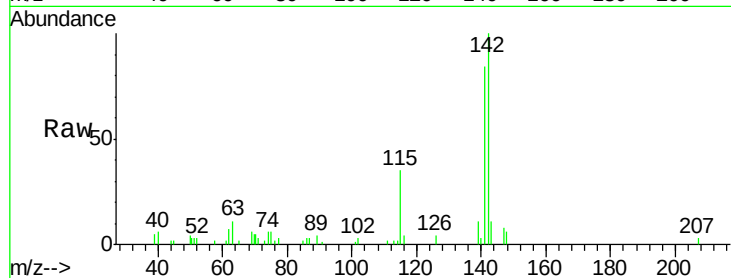
F6A71

Tot Ion:142 Resp: 41504

Ion Ratio Lower Upper

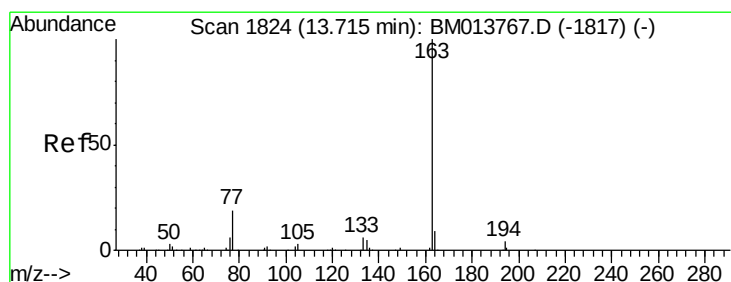
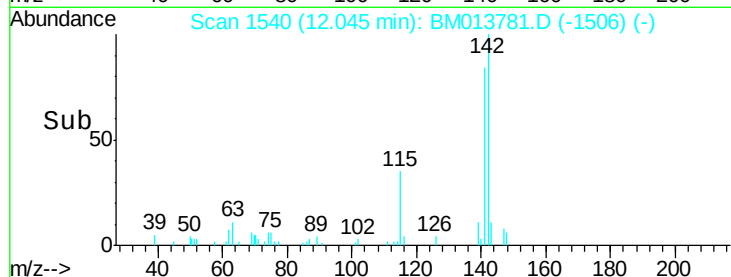
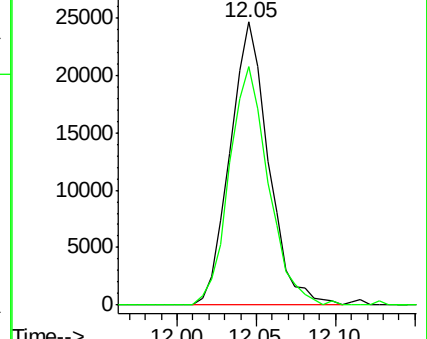
142 100

141 84.5 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#44

Dimethylphthalate

Concen: 7.036 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM013781.D

Acq: 24 Jan 2018 23:01

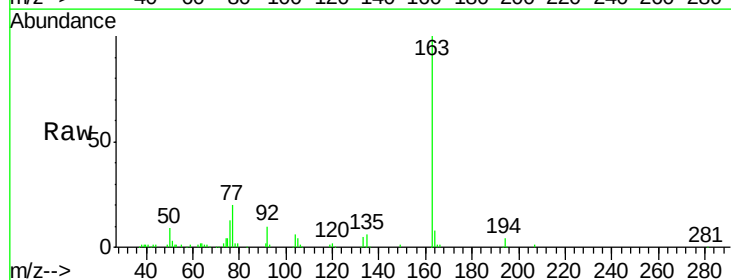
Tgt Ion:163 Resp: 182801

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

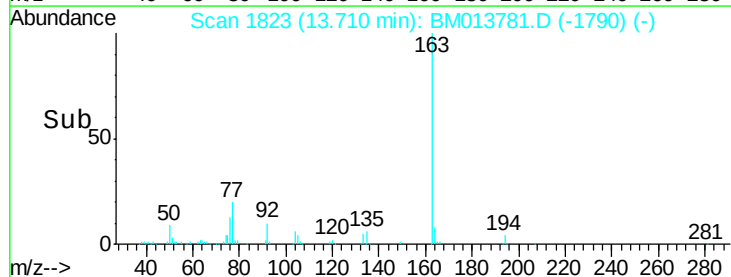
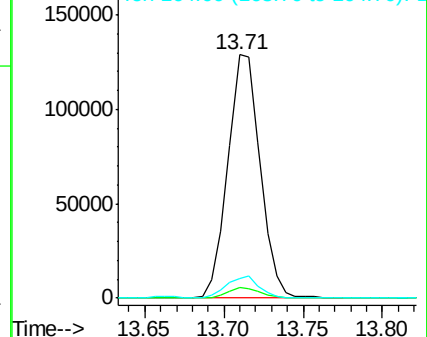
164 8.3 8.2 12.4

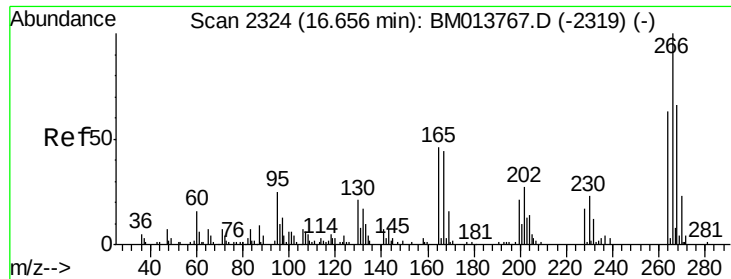


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

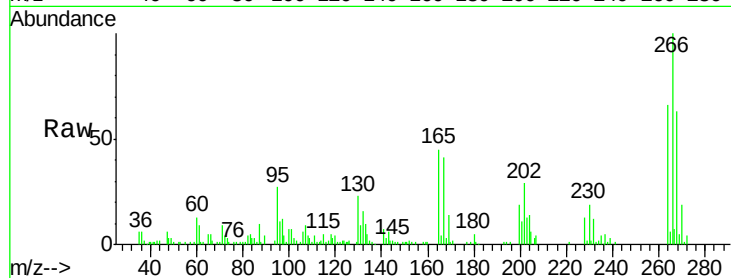




#68
 Pentachlorophenol
 Concen: 19.106 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BM013781.D
 Acq: 24 Jan 2018 23:01

Instrument :
 BNA_M
 ClientSampleId :
 F6A71

Tot Ion	Ratio	Lower	Upper
266	100		
264	66.2	49.3	73.9
268	63.3	52.6	78.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

