

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\
 Data File : BM011622.D
 Acq On : 20 Sep 2017 01:53
 Operator : SJ/JU
 Sample : I5273-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK4

Quant Time: Sep 20 05:52:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 05:31:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	354483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1586405	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	950109	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2118669	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2179820	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2005001	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	38679	4.91	ng/uL	0.00
5) Phenol-d5	7.12	99	196015	5.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	739260	32.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	644385	25.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	386953	14.56	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	413615	34.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	444245	35.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	756384	30.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	12598	0.45	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	2881403	35.87	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3370286	34.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	52268	3.46	ng/ul	0.00
58) Fluorene-d10	15.59	176	2516144	36.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	385955	31.31	ng/ul	0.00
71) Anthracene-d10	17.43	188	3978419	38.13	ng/ul	0.00
79) Pyrene-d10	19.72	212	4333627	42.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3664801	38.35	ng/ul	0.00

Target Compounds

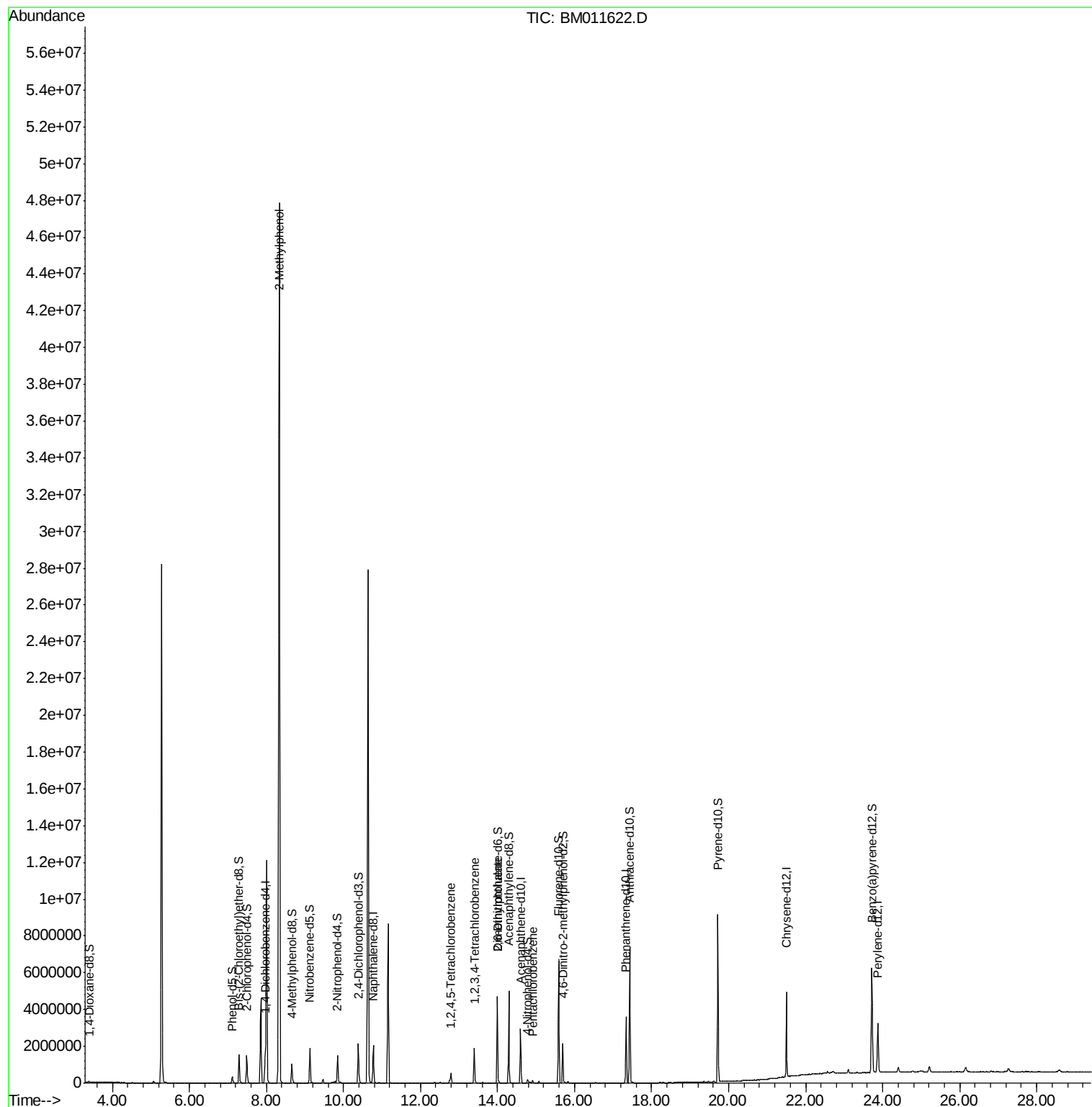
					Ovalue	
11) 2-Methylphenol	8.33	108	165150	6.447	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	174034	6.175	ng/ul#	97
46) 2,6-Dinitrotoluene	14.00	165	14388	1.059	ng/ul#	39
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	555870	19.689	ng/uL	99
74) Pentachlorobenzene	14.92	250	37691	1.316	ng/uL	90

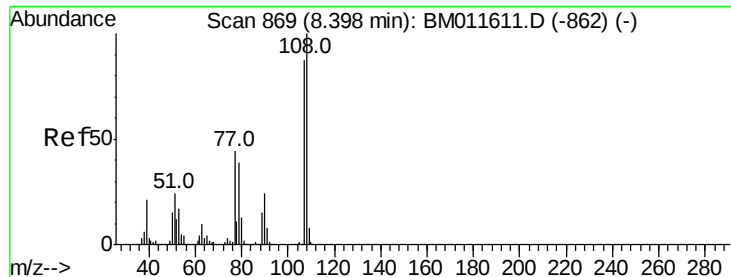
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 6.447 ng/ul

RT: 8.33 min Scan# 858

Delta R.T. -0.06 min

Lab File: BM011622.D

Acq: 20 Sep 2017 01:53

Instrument :

BNA_M

ClientSampleId :

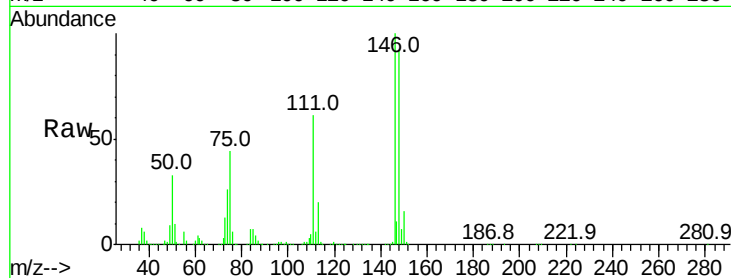
C0AK4

Tot Ion:108 Resp: 165150

Ion Ratio Lower Upper

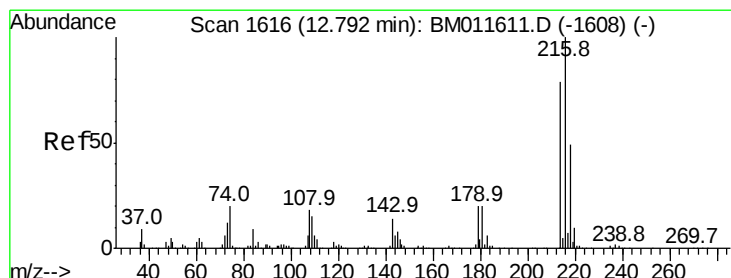
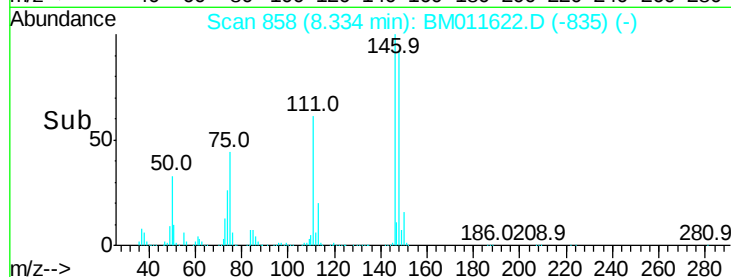
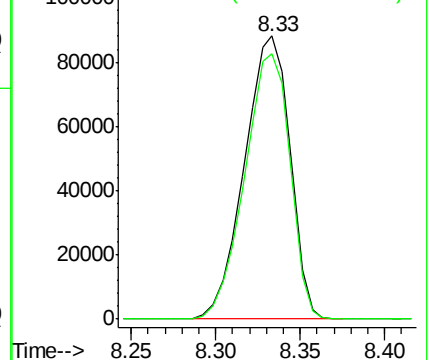
108 100

107 93.7 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 6.175 ng/ul

RT: 12.79 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BM011622.D

Acq: 20 Sep 2017 01:53

Tgt Ion:216 Resp: 174034

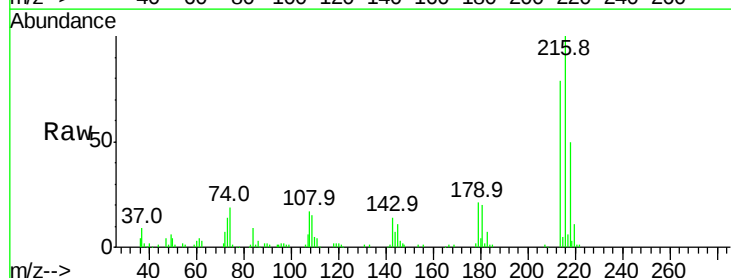
Ion Ratio Lower Upper

216 100

214 79.0 64.1 96.1

179 21.0 14.5 21.7

108 17.1 10.4 15.6#

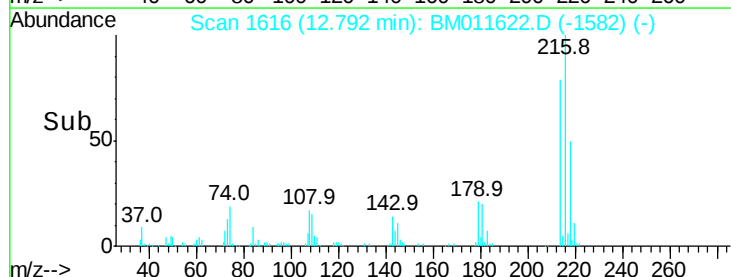
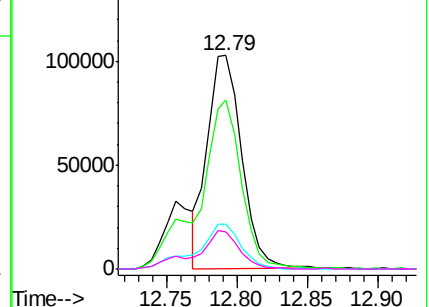


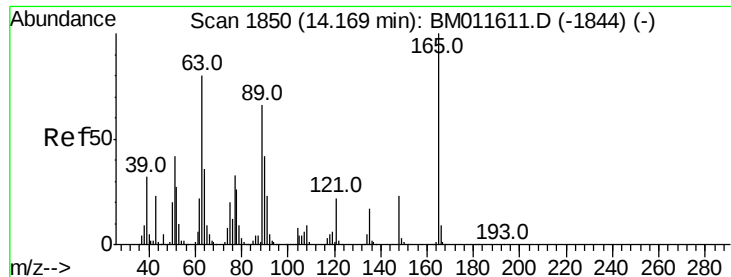
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

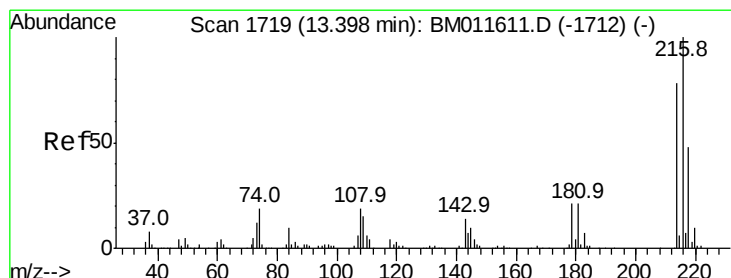
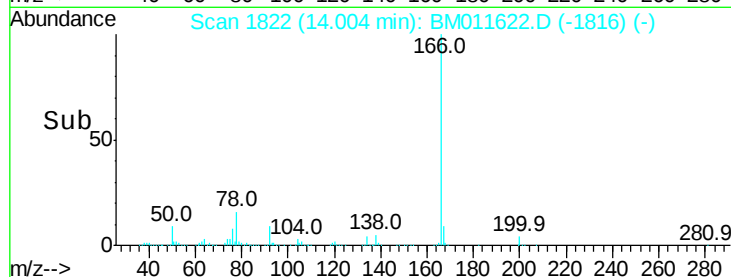
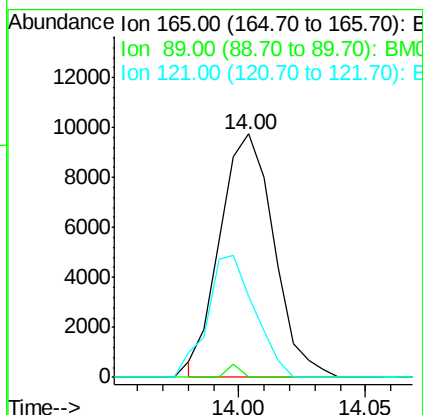
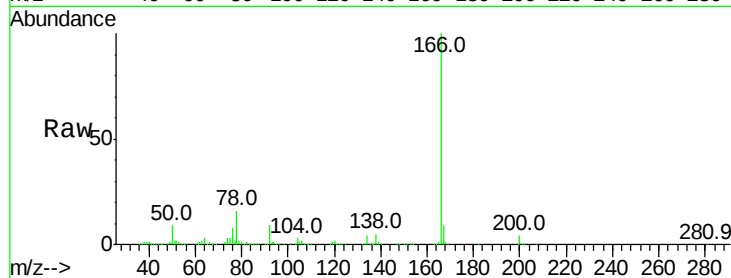




#46
 2,6-Dinitrotoluene
 Concen: 1.059 ng/uL
 RT: 14.00 min Scan# 1822
 Delta R.T. -0.16 min
 Lab File: BM011622.D
 Acq: 20 Sep 2017 01:53

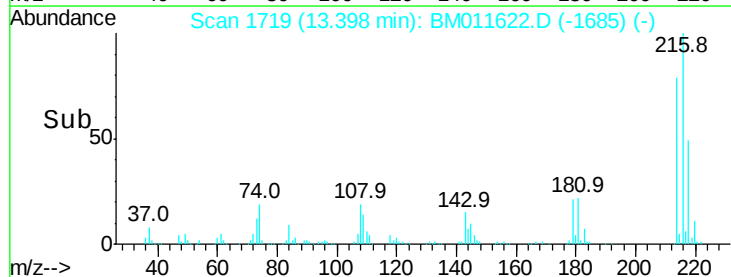
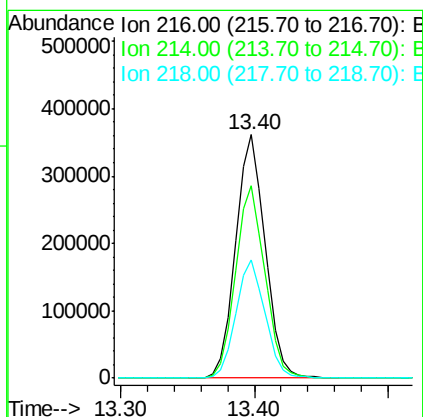
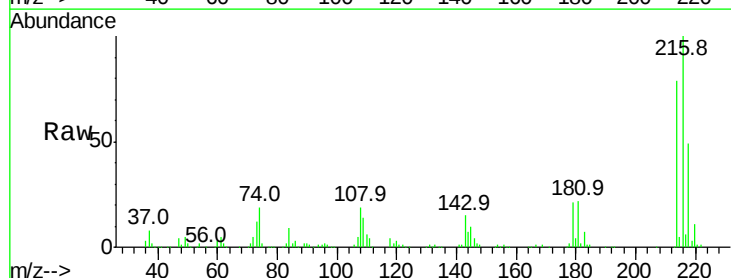
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 BNA_M
 ClientSampleId :
 C0AK4

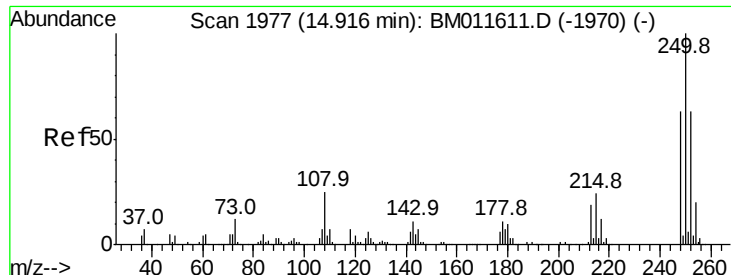
Tot Ion:165 Resp: 14388
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.8 65.8#
 121 33.1 17.8 26.6#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 19.689 ng/uL
 RT: 13.40 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BM011622.D
 Acq: 20 Sep 2017 01:53

Tgt Ion:216 Resp: 555870
 Ion Ratio Lower Upper
 216 100
 214 78.9 64.1 96.1
 218 48.6 39.4 59.0





#74

Pentachlorobenzene

Concen: 1.316 ng/uL

RT: 14.92 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BM011622.D

Acq: 20 Sep 2017 01:53

Instrument :

BNA_M

ClientSampleId :

C0AK4

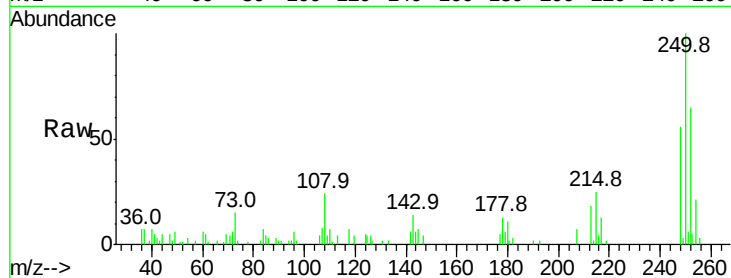
Tot Ion:250 Resp: 37691

Ion Ratio Lower Upper

250 100

248 55.9 51.4 77.2

252 69.3 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

