

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
 Data File : BM019346.D
 Acq On : 23 Mar 2019 11:32
 Operator : JU/SJ
 Sample : K2027-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09D5

Quant Time: Mar 24 04:56:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 24 04:53:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	123996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	500549	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	280609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	621481	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	674254	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	762570	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	11780	3.72	ng/uL	0.00
5) Phenol-d5	6.80	99	65079	5.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	178557	24.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	174935	20.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	109935	13.26	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	93236	26.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	102877	25.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	173256	23.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	14564	1.62	ng/ul	0.03
44) Dimethylphthalate-d6	13.69	166	678634	29.97	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	775886	27.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	8221	2.32	ng/ul	0.04
58) Fluorene-d10	15.27	176	574804	29.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	93353	22.71	ng/ul	0.00
71) Anthracene-d10	17.13	188	955333	32.03	ng/ul	0.00
79) Pyrene-d10	19.43	212	1072516	34.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	1246325	30.83	ng/ul	-0.01

Target Compounds

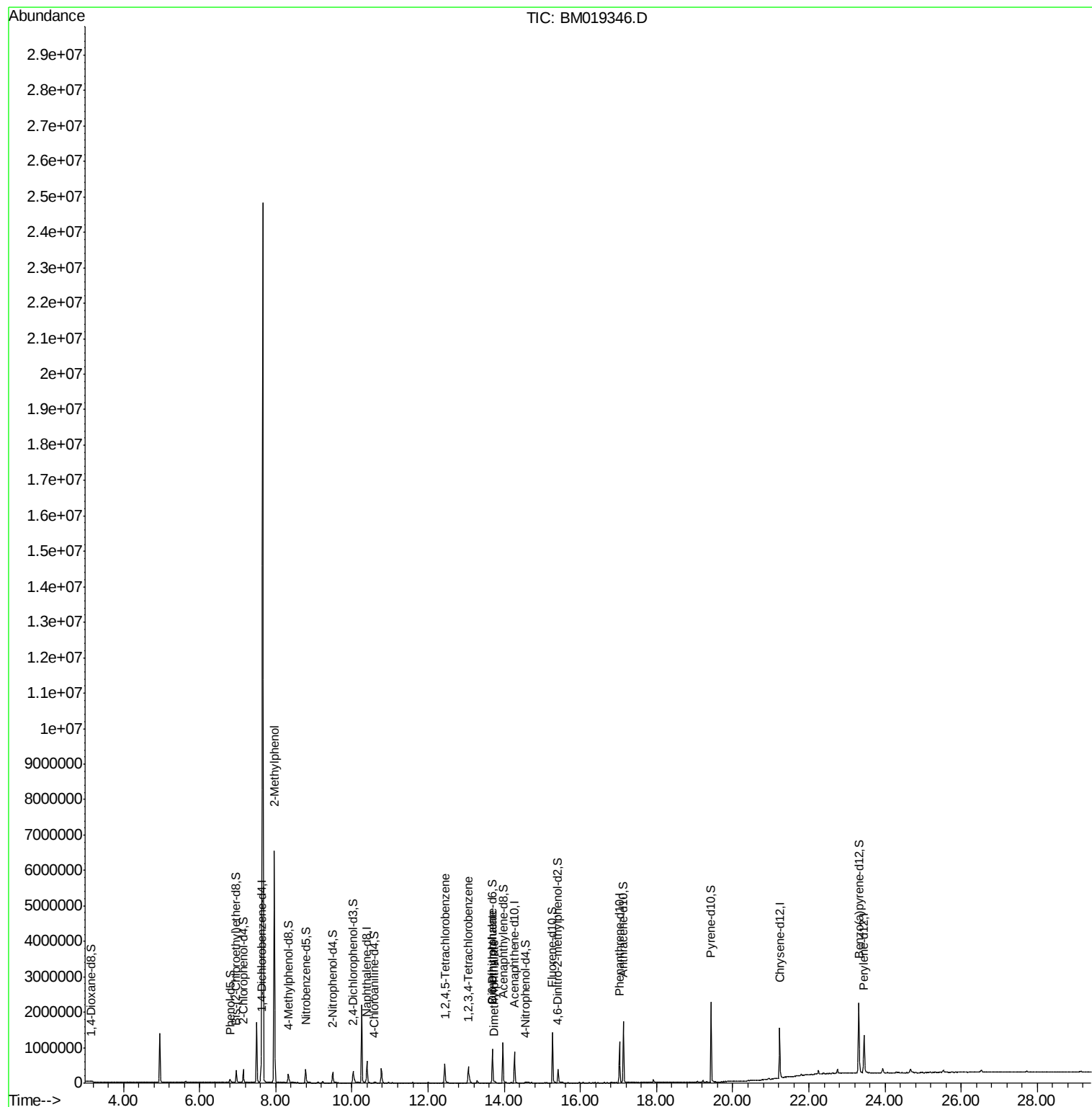
					Qvalue
11) 2-Methylphenol	7.96	108	19625	2.442 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	178882	20.033 ng/ul#	96
45) Dimethylphthalate	13.74	163	26582	1.170 ng/ul#	97
46) 2,6-Dinitrotoluene	13.69	165	4598	1.103 ng/ul#	44
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	140615	15.606 ng/uL	99

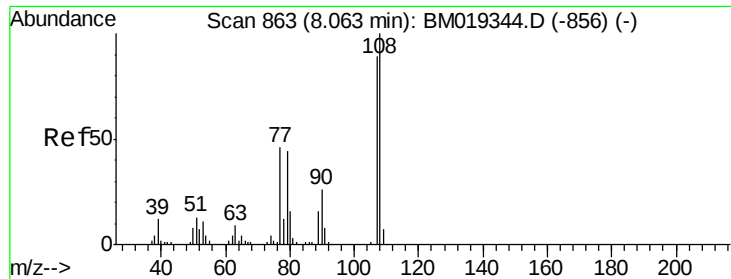
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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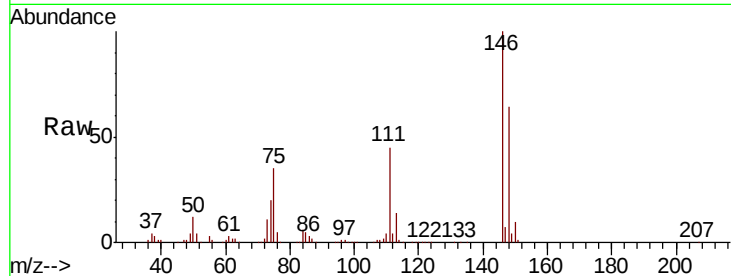




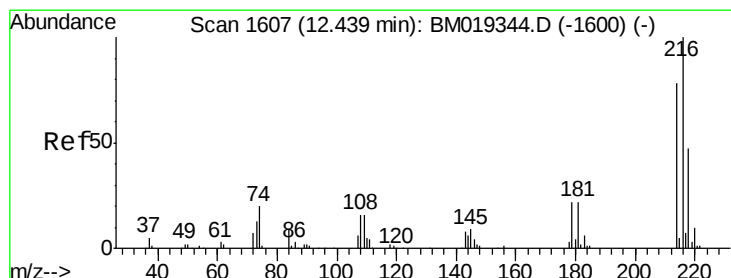
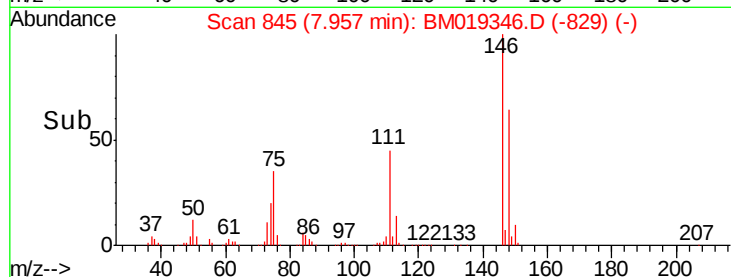
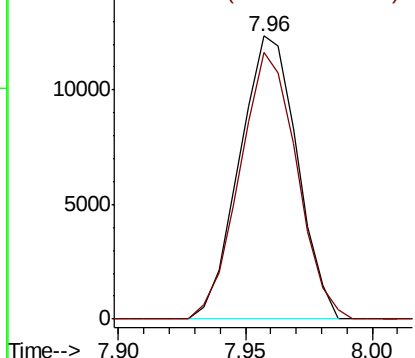
#11
2-Methylphenol
Concen: 2.442 ng/ul
RT: 7.96 min Scan# 845
Delta R.T. -0.11 min
Lab File: BM019346.D
Acq: 23 Mar 2019 11:32

Instrument :
BNA_M
ClientSampleId :
C09D5

Tgt Ion:108 Resp: 19625
Ion Ratio Lower Upper
108 100
107 94.1 74.1 111.1

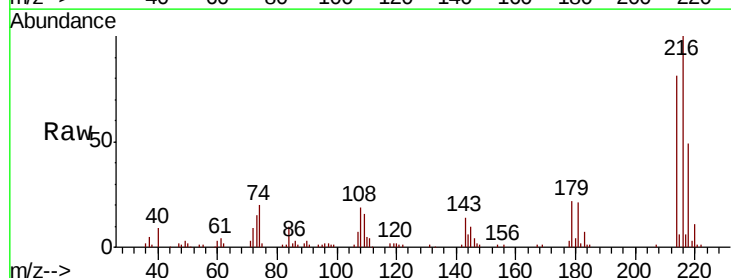


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

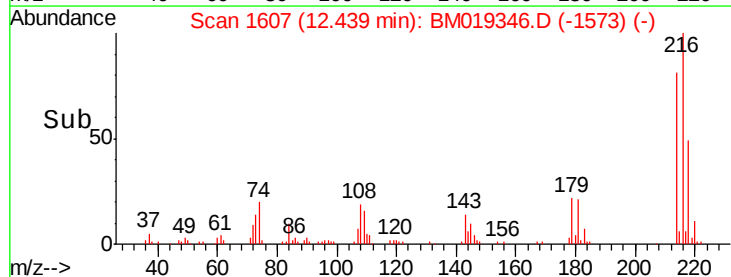
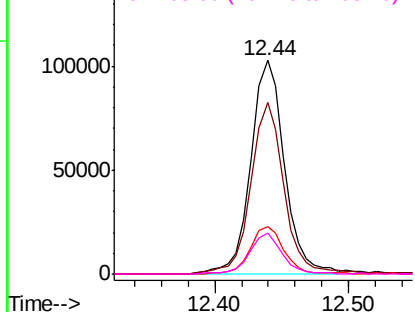


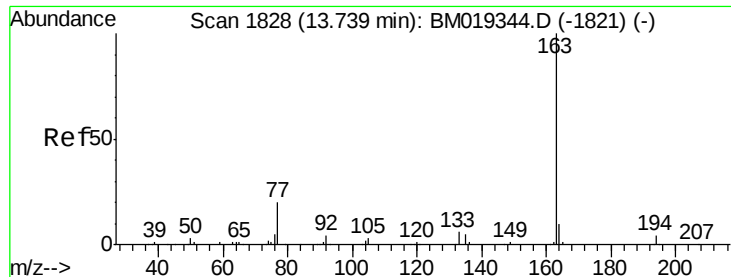
#37
1,2,4,5-Tetrachlorobenzene
Concen: 20.033 ng/ul
RT: 12.44 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BM019346.D
Acq: 23 Mar 2019 11:32

Tgt Ion:216 Resp: 178882
Ion Ratio Lower Upper
216 100
214 80.6 64.1 96.1
179 22.0 14.5 21.7#
108 19.0 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





#45

Dimethylphthalate

Concen: 1.170 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BM019346.D

Acq: 23 Mar 2019 11:32

Instrument :

BNA_M

ClientSampleId :

C09D5

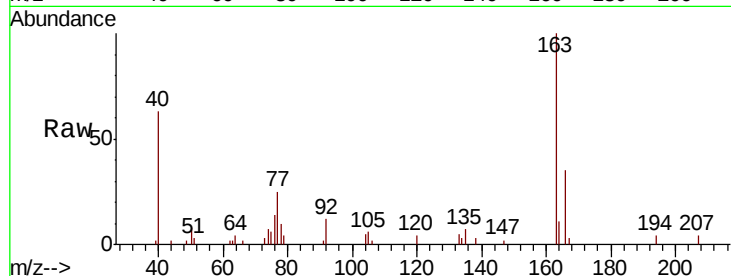
Tgt Ion:163 Resp: 26582

Ion Ratio Lower Upper

163 100

194 4.0 4.0 6.0#

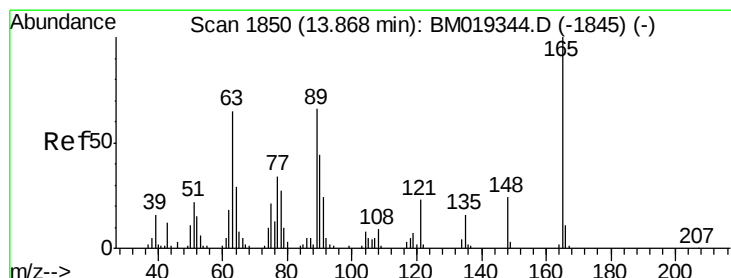
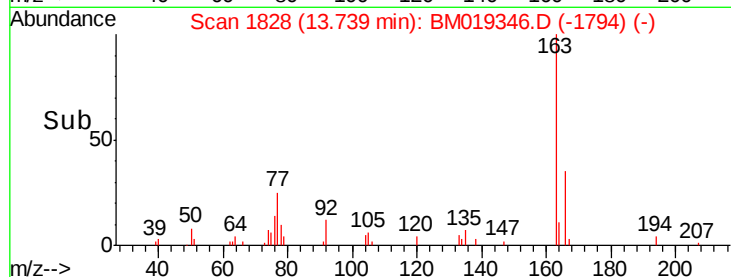
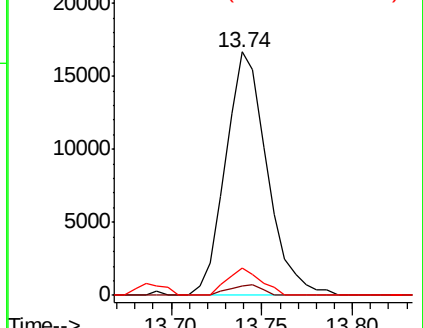
164 11.5 8.4 12.6



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



#46

2,6-Dinitrotoluene

Concen: 1.103 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.18 min

Lab File: BM019346.D

Acq: 23 Mar 2019 11:32

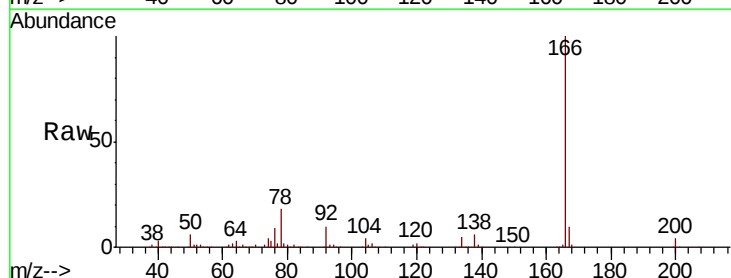
Tgt Ion:165 Resp: 4598

Ion Ratio Lower Upper

165 100

89 0.0 43.8 65.8#

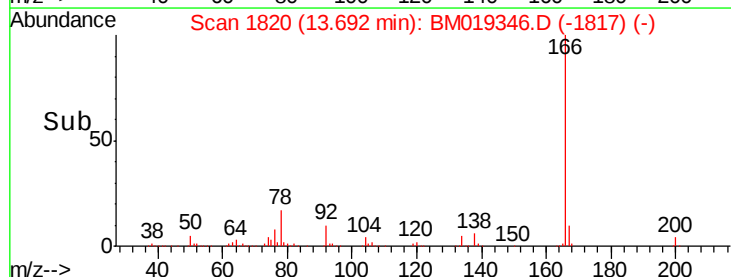
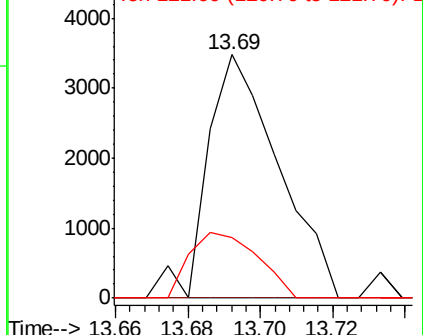
121 24.7 17.8 26.6

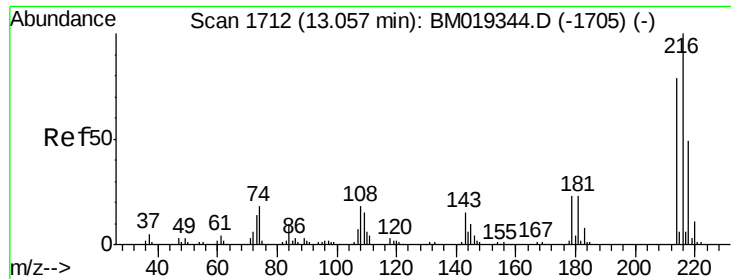


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 15.606 ng/uL

RT: 13.06 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BM019346.D

Acq: 23 Mar 2019 11:32

Instrument :

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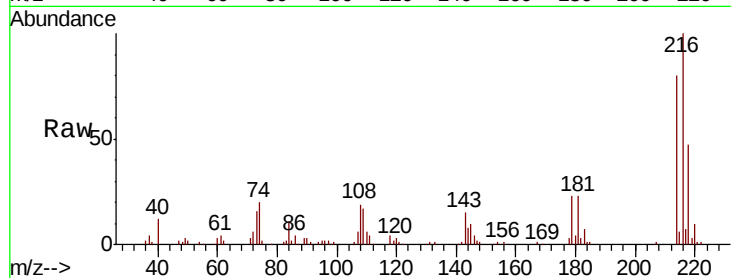
Tgt Ion: 216 Resp: 140615

Ion Ratio Lower Upper

216 100

214 79.8 64.1 96.1

218 47.0 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

