

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
 Data File : BG028420.D
 Acq On : 22 Aug 2017 15:59
 Operator : SJ/JU
 Sample : I4713-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB4

Quant Time: Aug 23 03:45:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 02:58:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	32796	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	151048	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	110884	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	271879	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	292570	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	284329	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	1755	2.49	ng/uL	0.00
5) Phenol-d5	7.50	99	42754	11.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	29754	13.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	33304	14.66	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	13662	4.54	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	19074	16.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	22210	17.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	37966	14.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	22512	7.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	156905	15.91	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	177429	15.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	16189	10.32	ng/ul	0.02
57) Fluorene-d10	15.94	176	135543	15.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	20227	11.45	ng/ul	0.00
70) Anthracene-d10	17.79	188	202073	15.50	ng/ul	0.00
76) Pyrene-d10	20.07	212	250192	16.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	216179	16.24	ng/ul	0.00

Target Compounds

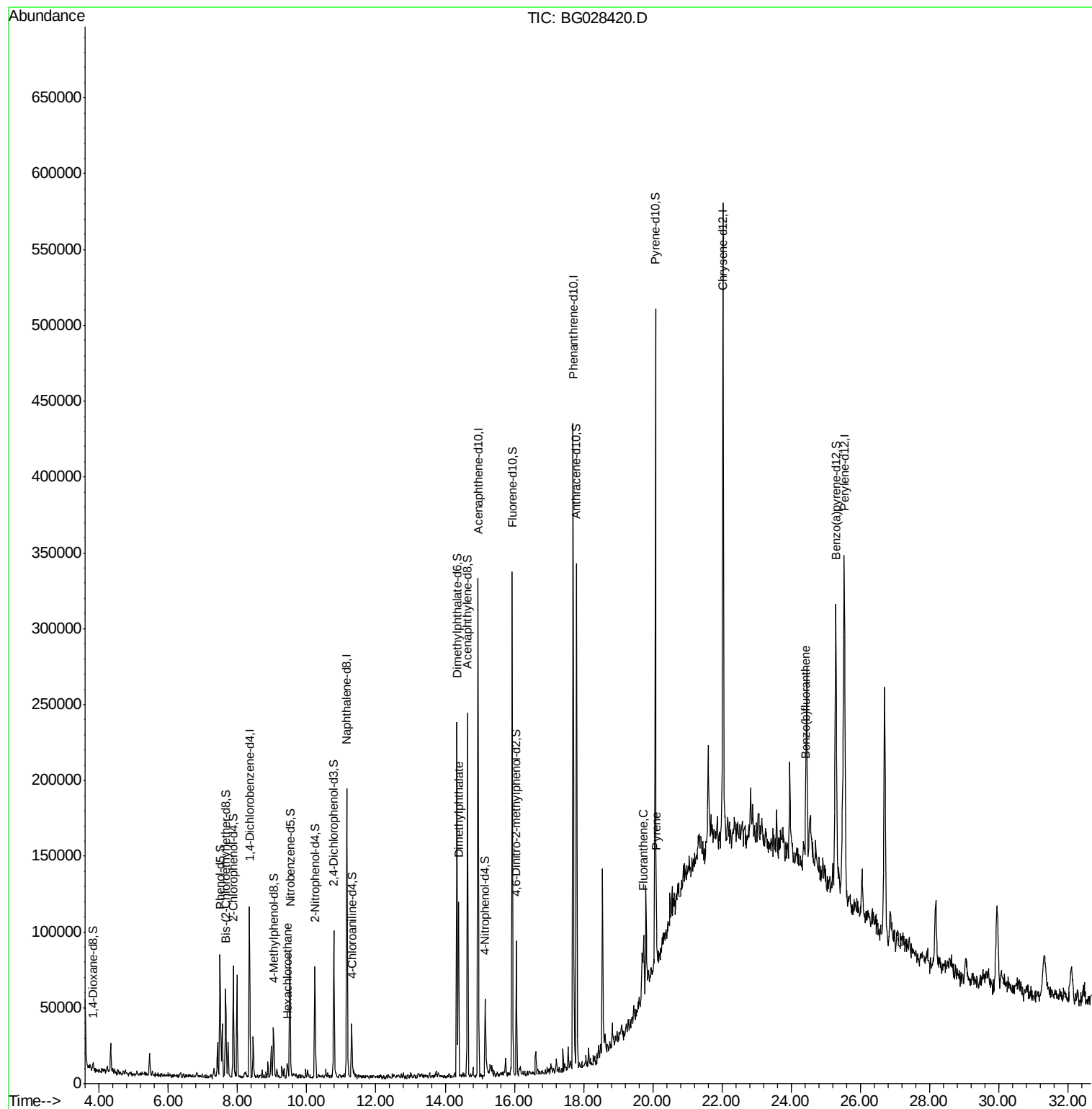
					Ovalue	
17) Hexachloroethane	9.45	117	1094	1.192	ng/ul#	1
44) Dimethylphthalate	14.39	163	72134	7.944	ng/ul#	98
74) Fluoranthene	19.74	202	20596	1.239	ng/ul#	95
77) Pyrene	20.10	202	18532	1.062	ng/ul#	92
85) Benzo(b)fluoranthene	24.41	252	33764	1.984	ng/ul#	79

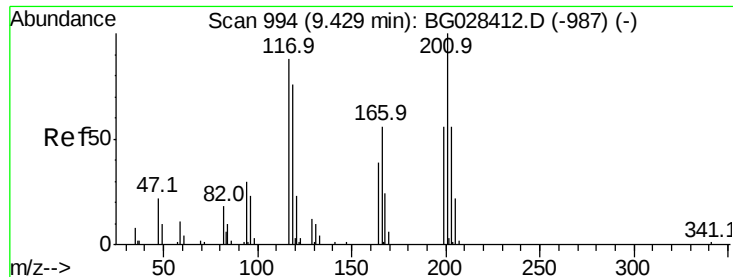
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Hexachloroethane

Concen: 1.192 ng/ul

RT: 9.45 min Scan# 997

Delta R.T. 0.02 min

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Acq: 22 Aug 2017 15:59

Instrument :

BNA_G

ClientSampleId :

E7GB4

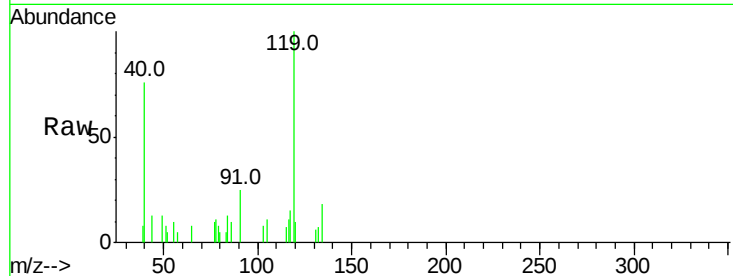
Tot Ion:117 Resp: 1094

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

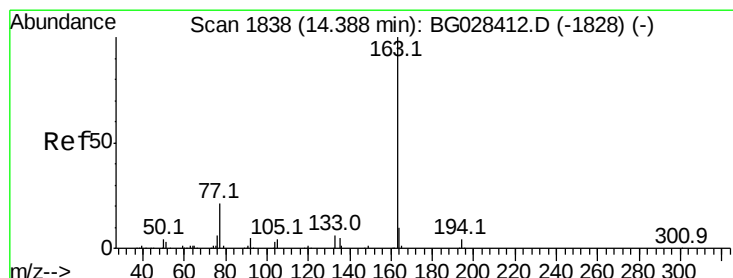
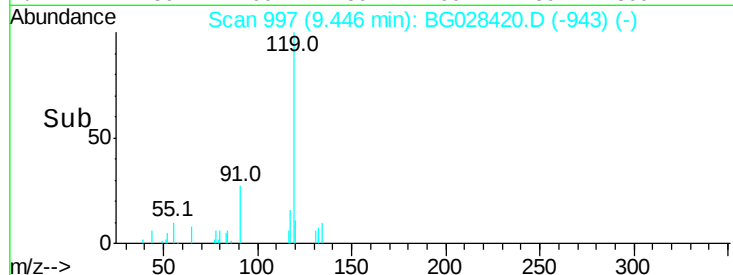
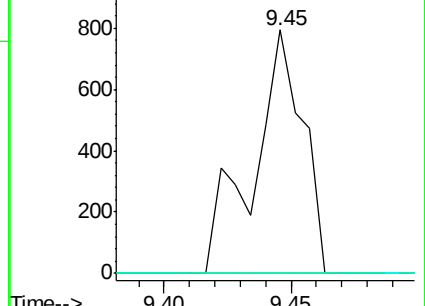
199 0.0 64.3 96.5#



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



#44

Dimethylphthalate

Concen: 7.944 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BG028420.D

Acq: 22 Aug 2017 15:59

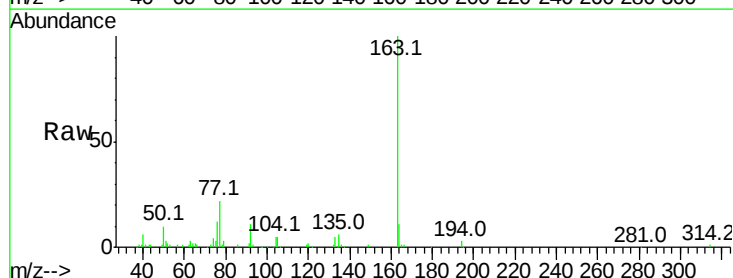
Tgt Ion:163 Resp: 72134

Ion Ratio Lower Upper

163 100

194 3.3 3.4 5.0#

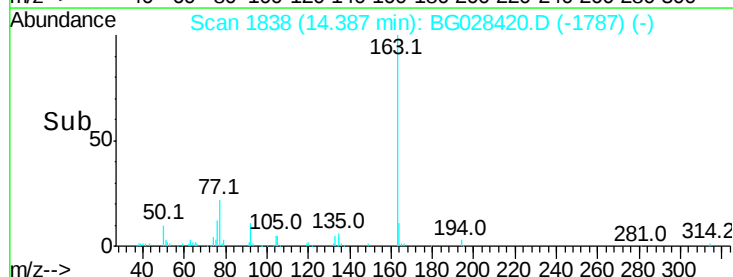
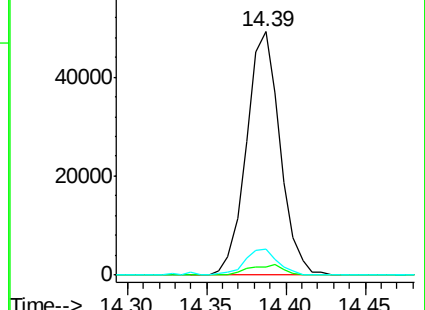
164 10.7 9.0 13.4

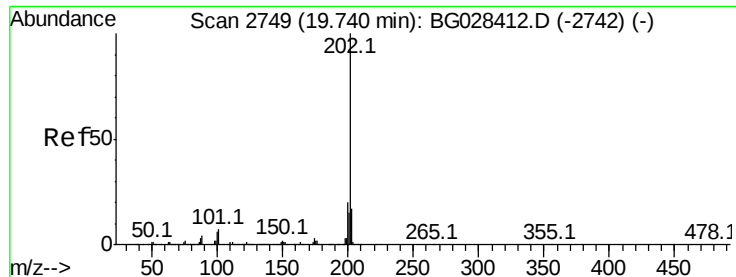


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#74

Fluoranthene

Concen: 1.239 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. -0.00 min

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Acq: 22 Aug 2017 15:59

Instrument :

BNA_G

ClientSampleId :

E7GB4

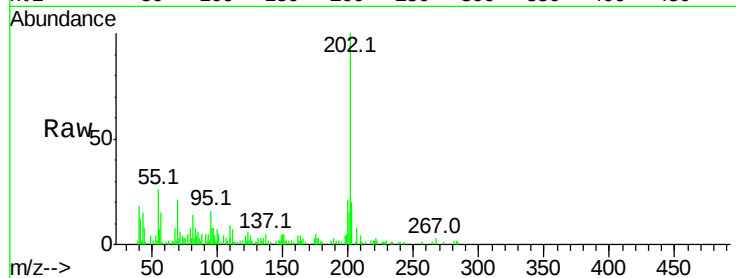
Tot Ion:202 Resp: 20596

Ion Ratio Lower Upper

202 100

101 5.2 6.2 9.2#

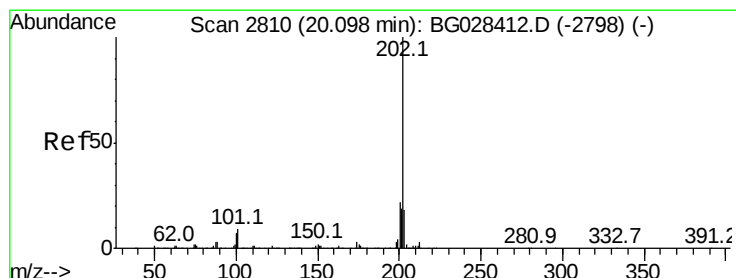
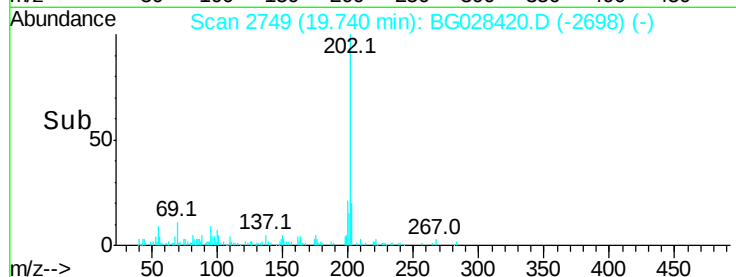
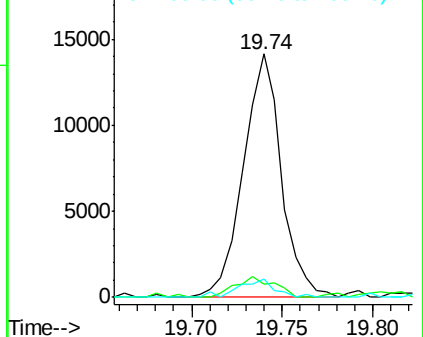
100 7.5 5.2 7.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 1.062 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BG028420.D

Acq: 22 Aug 2017 15:59

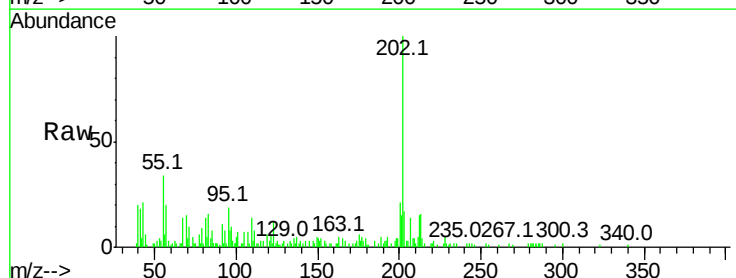
Tgt Ion:202 Resp: 18532

Ion Ratio Lower Upper

202 100

101 6.6 6.9 10.3#

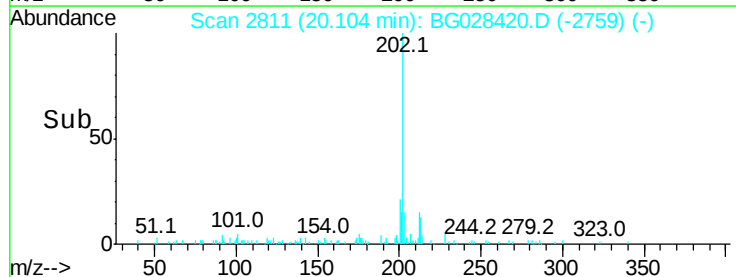
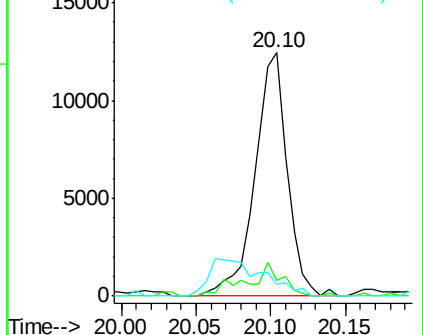
100 4.8 6.6 10.0#

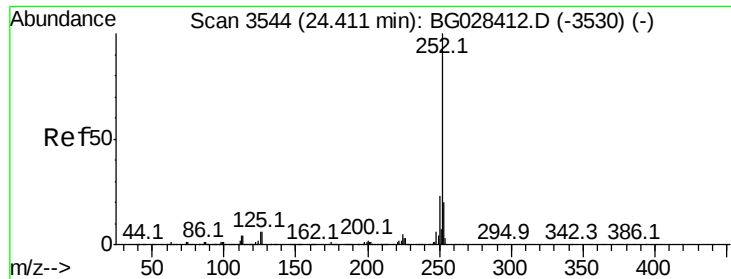


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 1.984 ng/ul

RT: 24.41 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG028420.D

Acq: 22 Aug 2017 15:59

Instrument :

BNA_G

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E7GB4

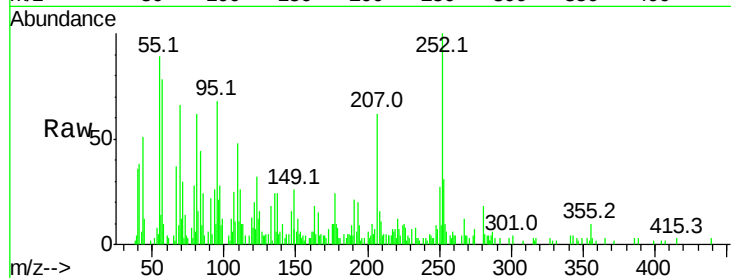
Tot Ion:252 Resp: 33764

Ion Ratio Lower Upper

252 100

253 30.8 17.7 26.5#

125 16.2 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

