

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
 Data File : BM019453.D
 Acq On : 26 Mar 2019 04:15
 Operator : JU/SJ
 Sample : K2027-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09E1

Quant Time: Mar 26 07:37:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 03:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	219049	20.00	ng/ul	0.03
18) Naphthalene-d8	10.42	136	826580	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.26	164	434187	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	893928	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	857805	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	913291	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	19823	3.54	ng/uL	0.00
5) Phenol-d5	6.79	99	125820	6.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	337460	25.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	361047	24.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	226565	15.47	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	203273	34.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	233440	35.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	385099	31.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	3177	0.21	ng/ul	0.03
44) Dimethylphthalate-d6	13.68	166	1150022	32.83	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1491856	34.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	24436	4.45	ng/ul	0.02
58) Fluorene-d10	15.26	176	977805	32.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	181971	30.78	ng/ul	0.00
71) Anthracene-d10	17.12	188	1460654	34.05	ng/ul	0.00
79) Pyrene-d10	19.42	212	1471599	37.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1537836	31.76	ng/ul	0.00

Target Compounds

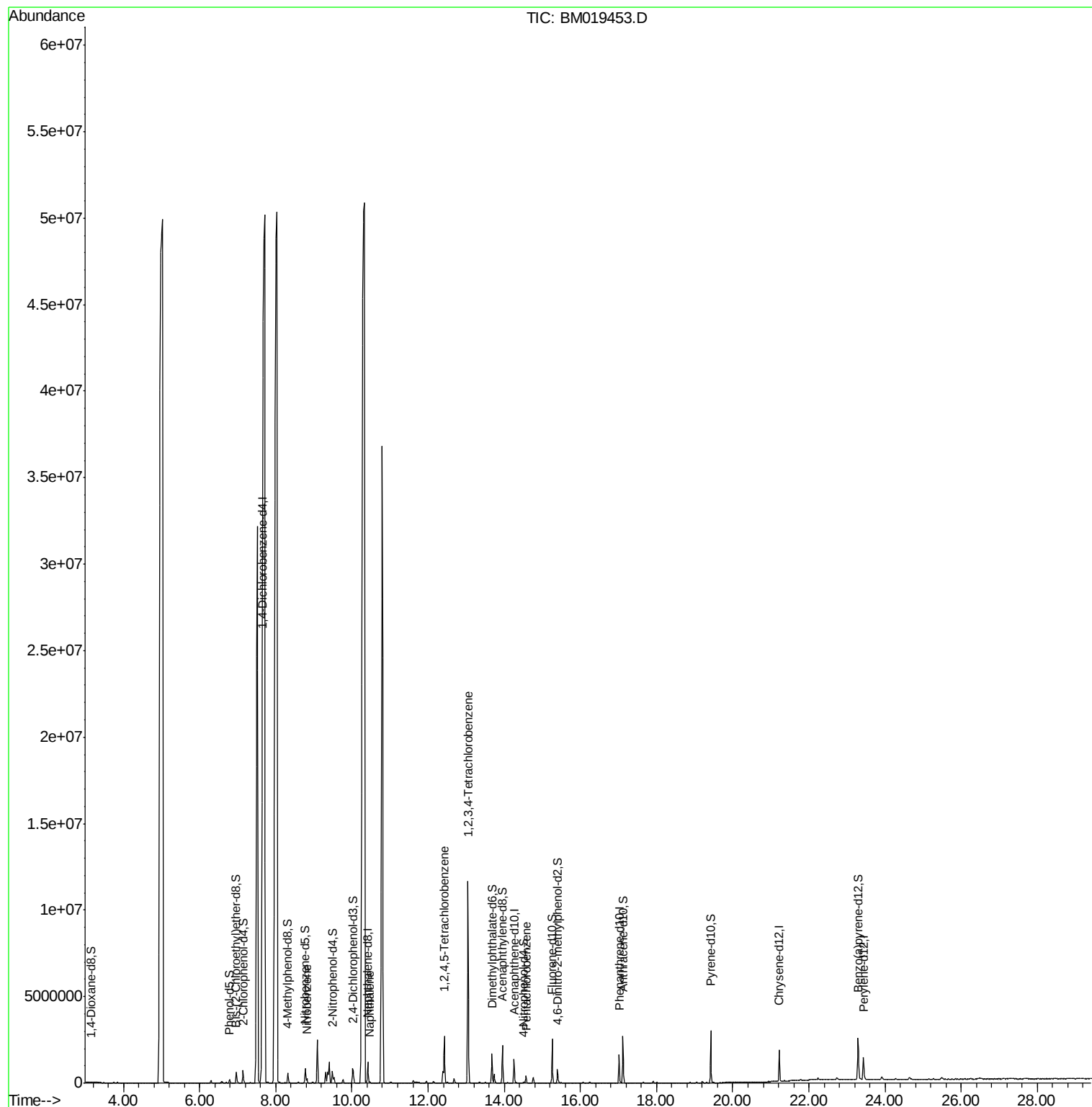
					Ovalue
20) Nitrobenzene	8.82	77	170963	9.740 ng/ul	98
28) Naphthalene	10.46	128	60803	1.420 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	804936	58.261 ng/ul#	97
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	3574519	275.805 ng/uL	99
74) Pentachlorobenzene	14.57	250	114042	8.412 ng/uL	98

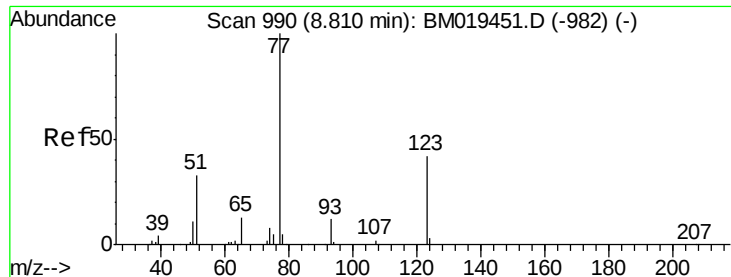
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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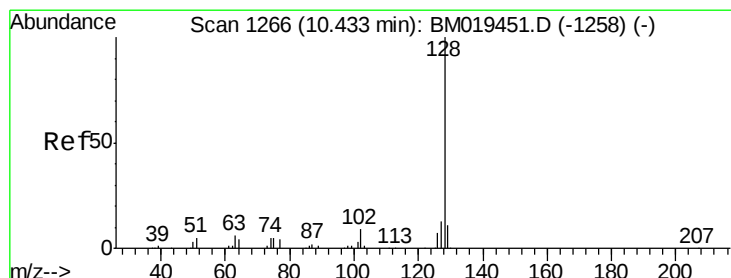
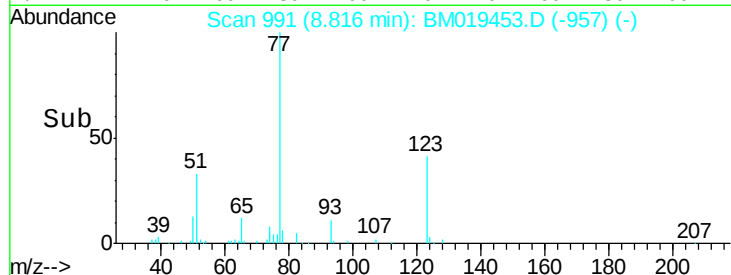
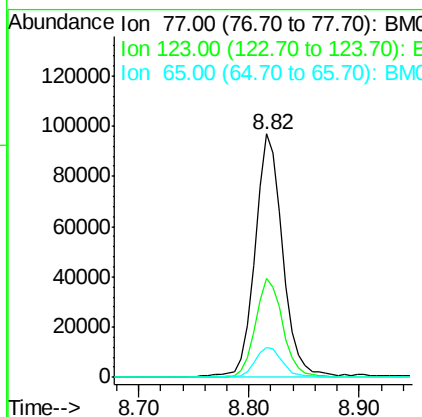
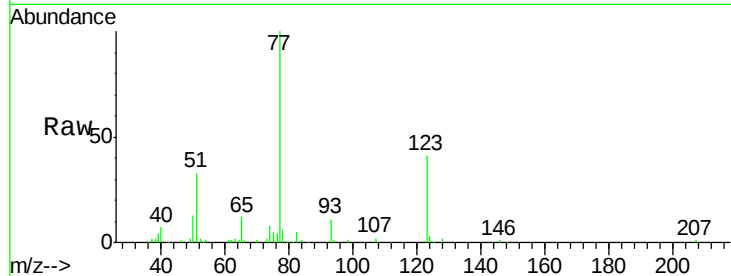




#20
Nitrobenzene
Concen: 9.740 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. 0.00 min
Lab File: BM019453.D
Acq: 26 Mar 2019 04:15

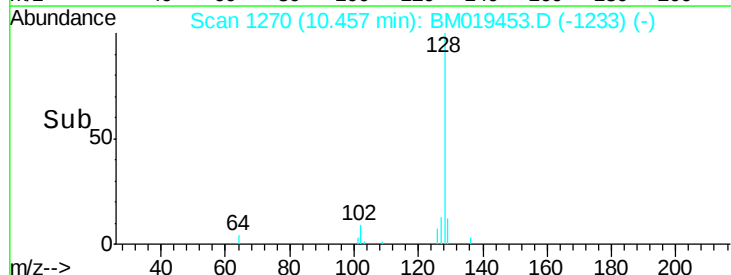
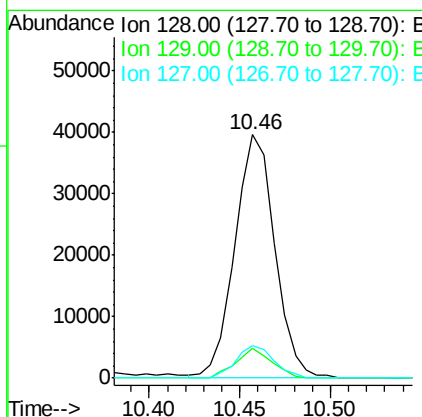
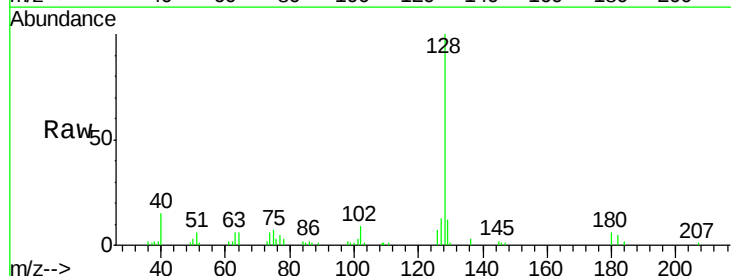
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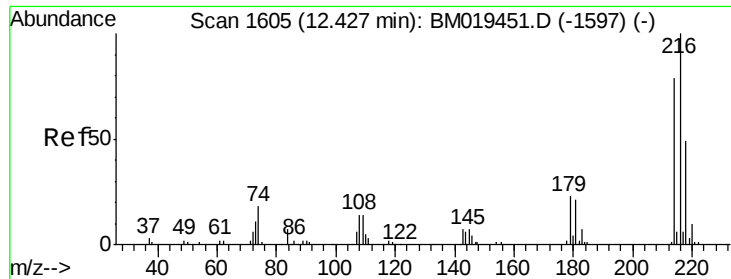
Tot Ion	Ratio	Lower	Upper
77	100		
123	40.8	31.8	47.8
65	12.3	10.6	16.0



#28
Naphthalene
Concen: 1.420 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. 0.02 min
Lab File: BM019453.D
Acq: 26 Mar 2019 04:15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.3	12.5
127	13.5	10.8	16.2

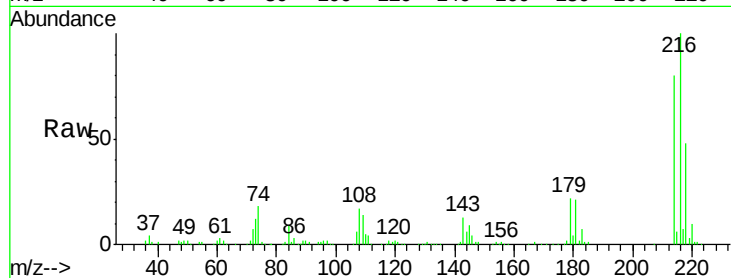




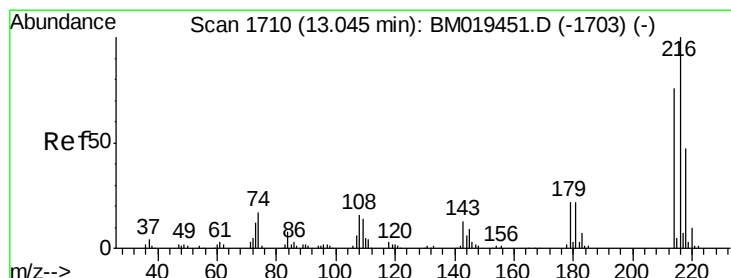
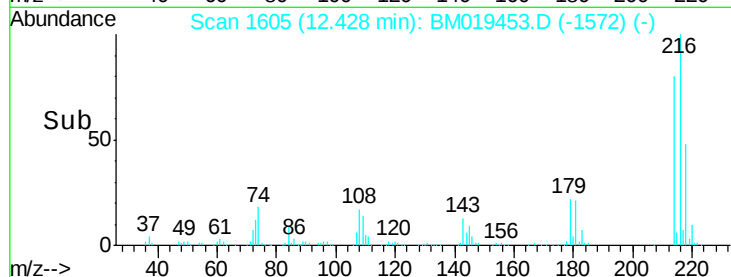
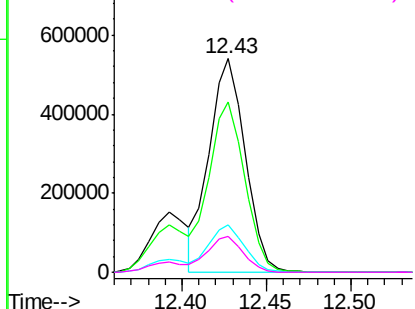
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.261 ng/uL
 RT: 12.43 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BM019453.D
 Acq: 26 Mar 2019 04:15

Instrument :
 BNA_M
 ClientSampleID :
 C09E1

Tot Ion:216 Resp: 804936
 Ion Ratio Lower Upper
 216 100
 214 79.9 64.1 96.1
 179 22.2 14.5 21.7#
 108 17.0 10.4 15.6#

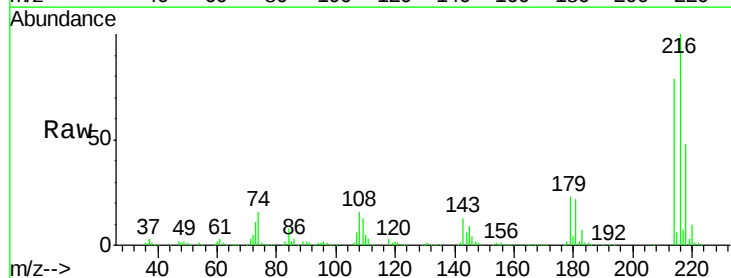


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

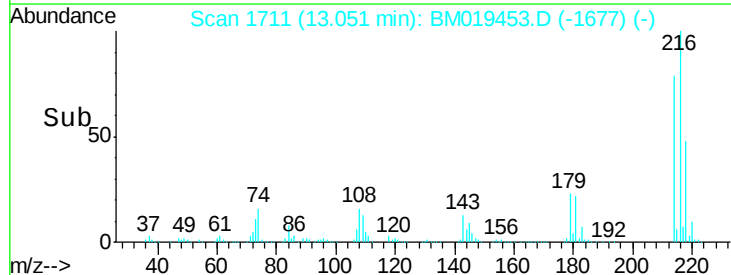
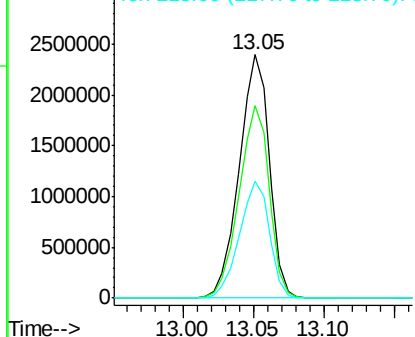


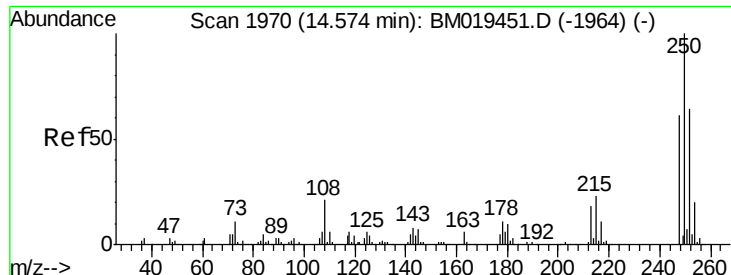
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 275.805 ng/uL
 RT: 13.05 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BM019453.D
 Acq: 26 Mar 2019 04:15

Tgt Ion:216 Resp: 3574519
 Ion Ratio Lower Upper
 216 100
 214 79.2 64.1 96.1
 218 48.1 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





#74

Pentachlorobenzene

Concen: 8.412 ng/uL

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM019453.D

Acq: 26 Mar 2019 04:15

Instrument :

BNA_M

ClientSampleId :

C09E1

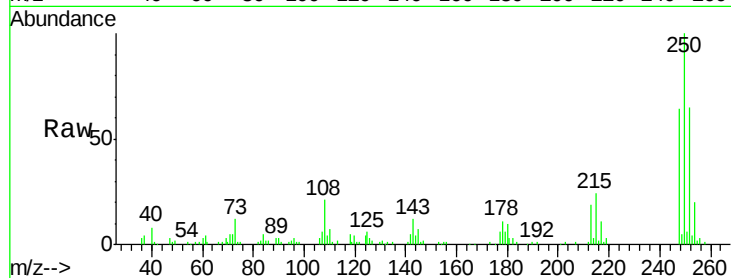
Tot Ion:250 Resp: 114042

Ion Ratio Lower Upper

250 100

248 63.9 51.4 77.2

252 65.3 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

