

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022416\
 Data File : BM004391.D
 Acq On : 24 Feb 2016 18:44
 Operator : SJ/UM
 Sample : H1515-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0311-S16-0312

Quant Time: Feb 25 02:15:44 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 25 02:09:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	25823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	127731	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	81049	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	187364	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	194688	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	141056	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	2413	4.92	ng/uL	0.00
5) Phenol-d5	6.81	99	55834	25.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	31456	28.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	52573	28.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	43059	22.25	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	27278	28.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	31128	28.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	53556	26.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	56932	22.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	186421	26.82	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	233567	28.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	19247	17.23	ng/ul	0.00
58) Fluorene-d10	15.28	176	169332	28.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	19998	17.37	ng/ul	0.00
71) Anthracene-d10	17.14	188	263838	28.74	ng/ul	0.00
79) Pyrene-d10	19.44	212	301548	32.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	221329	29.90	ng/ul	0.00

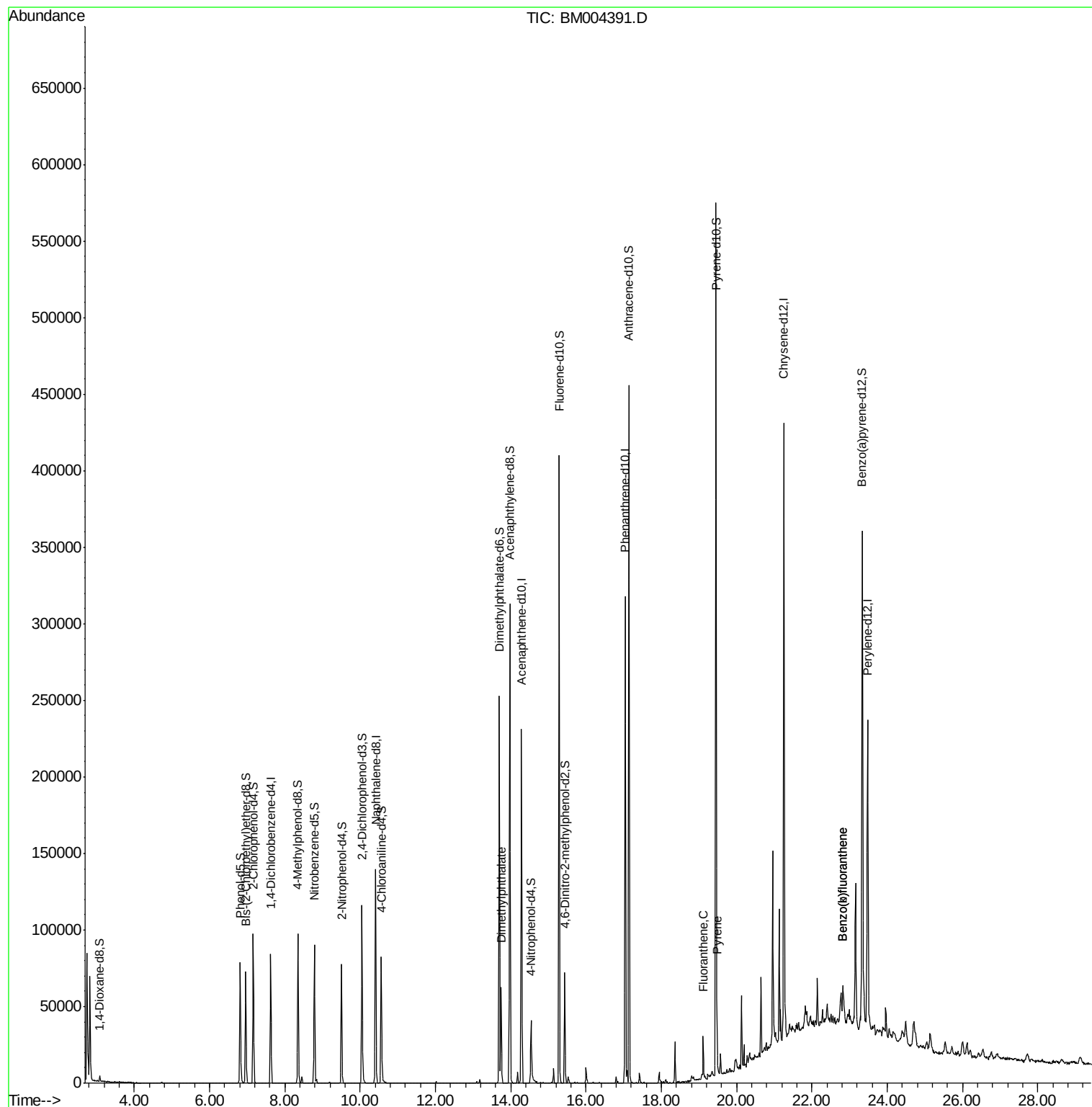
Target Compounds						Qvalue
45) Dimethylphthalate	13.75	163	43772	6.04	ng/ul	100
77) Fluoranthene	19.11	202	17960	1.41	ng/ul	99
80) Pyrene	19.47	202	18093	1.42	ng/ul	99
88) Benzo(b)fluoranthene	22.82	252	12872	1.35	ng/ul#	83
89) Benzo(k)fluoranthene	22.82	252	12872	1.43	ng/ul#	82

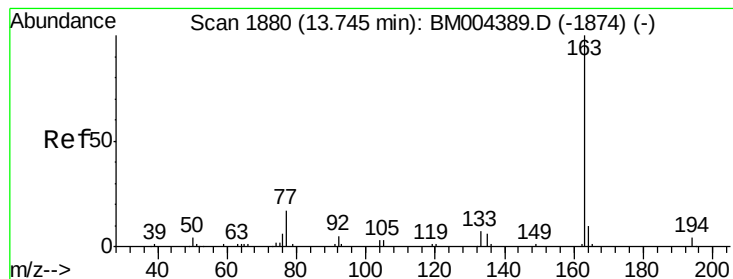
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 6.04 ng/ul

RT: 13.75 min Scan# 1880

Delta R.T. 0.00 min

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Acq: 24 Feb 2016 18:44

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BNA_M

ClientSampleId :

0311-S16-0312

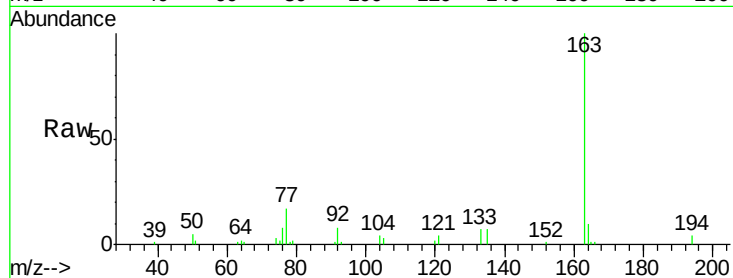
Tgt Ion:163 Resp: 43772

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

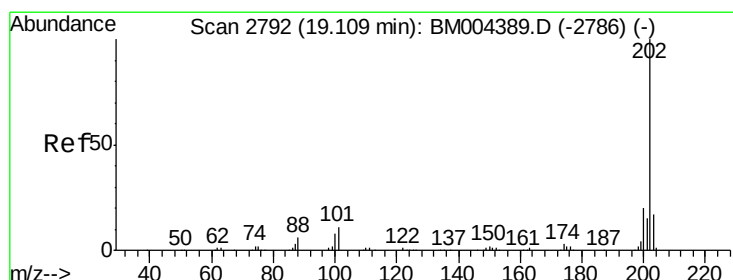
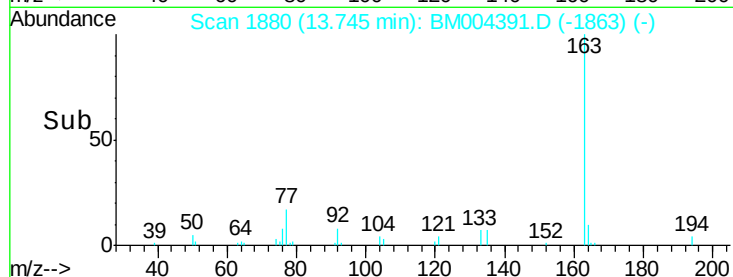
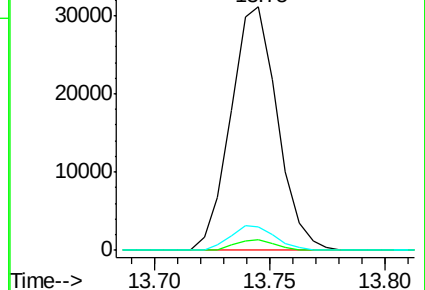
164 9.7 7.8 11.8



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



#77

Fluoranthene

Concen: 1.41 ng/ul

RT: 19.11 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM004391.D

Acq: 24 Feb 2016 18:44

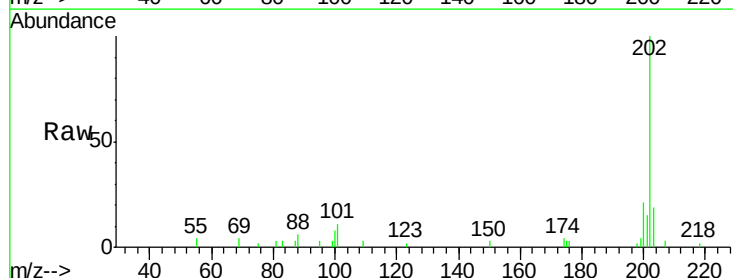
Tgt Ion:202 Resp: 17960

Ion Ratio Lower Upper

202 100

101 11.4 8.8 13.2

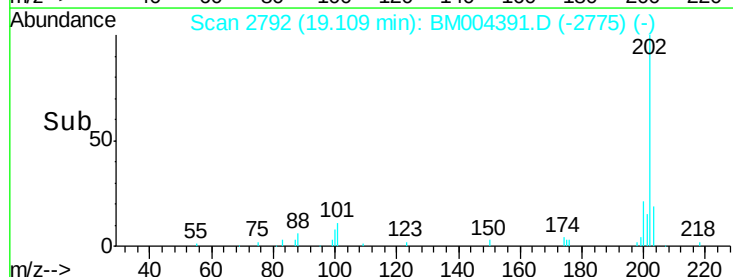
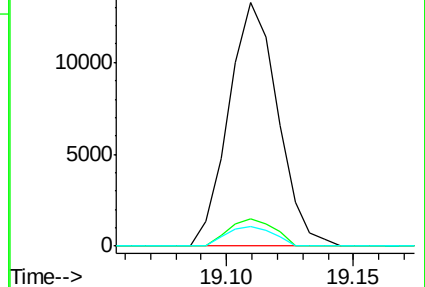
100 7.9 6.6 9.8

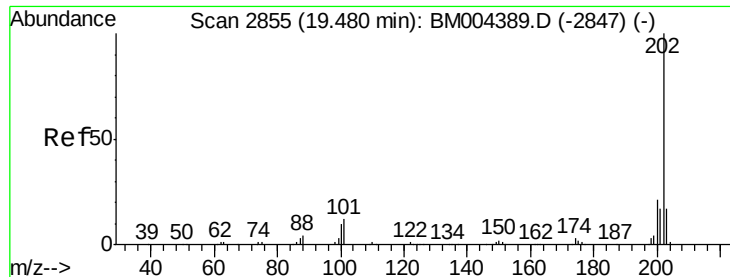


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pyrene

Concen: 1.42 ng/ul

RT: 19.47 min Scan# 2854

Delta R.T. -0.00 min

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Instrument :

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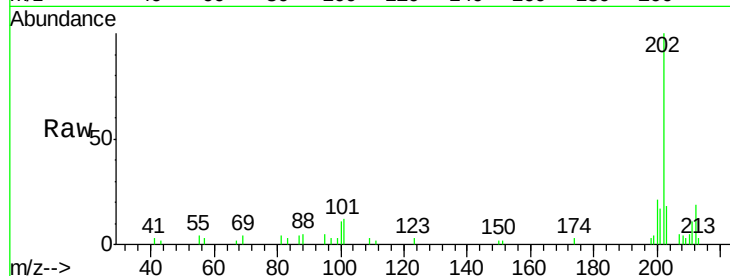
Tgt Ion:202 Resp: 18093

Ion Ratio Lower Upper

202 100

101 12.2 10.2 15.2

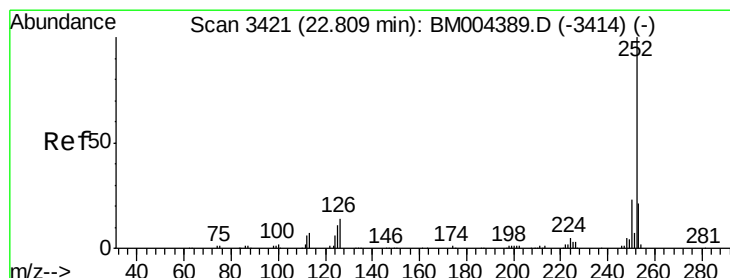
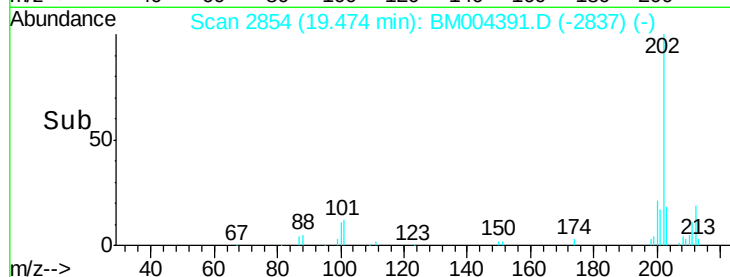
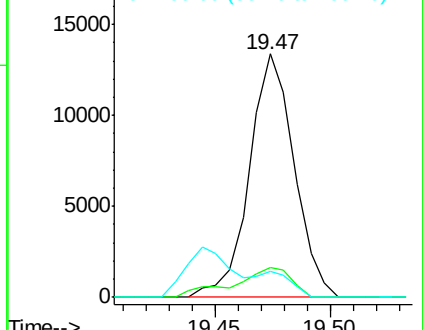
100 10.8 8.5 12.7



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



#88

Benzo(b)fluoranthene

Concen: 1.35 ng/ul

RT: 22.82 min Scan# 3422

Delta R.T. 0.01 min

Lab File: BM004391.D

Acq: 24 Feb 2016 18:44

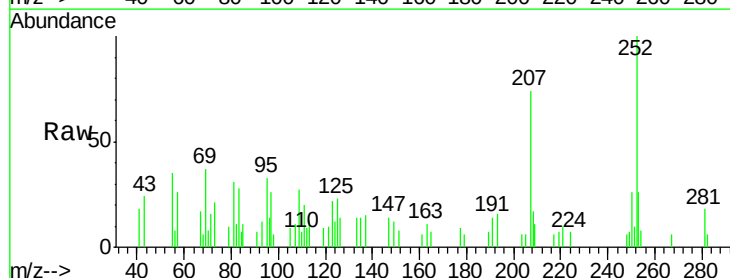
Tgt Ion:252 Resp: 12872

Ion Ratio Lower Upper

252 100

253 26.2 17.5 26.3

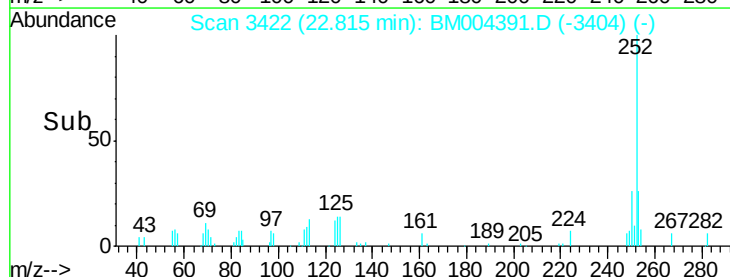
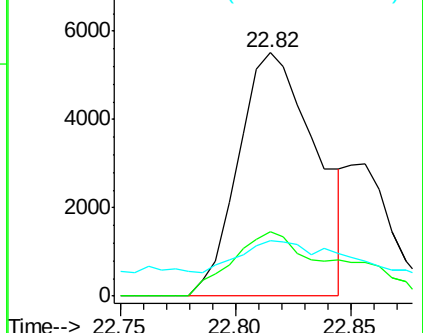
125 22.8 8.5 12.7#

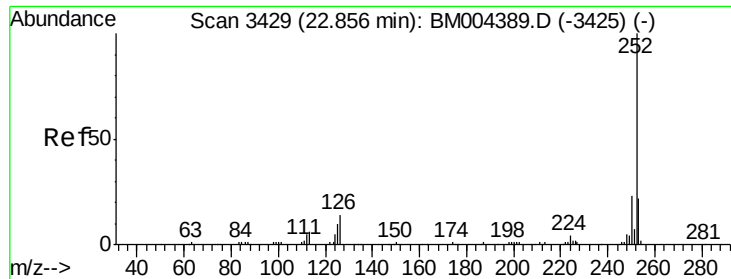


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.43 ng/ul

RT: 22.82 min Scan# 3422

Delta R.T. -0.04 min

Lab File: BM004391.D

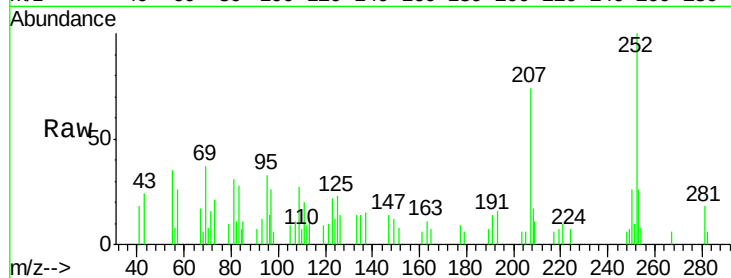
Acq: 24 Feb 2016 18:44

Instrument :

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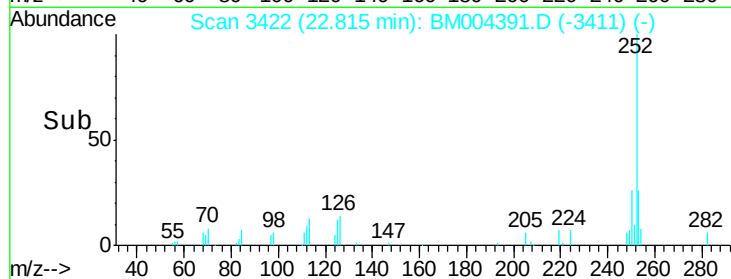
Tgt Ion: 252 Resp: 12872

Ion Ratio Lower Upper

252 100

253 26.2 17.3 25.9#

125 22.8 8.2 12.2#



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

