

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022416\
 Data File : BM004397.D
 Acq On : 24 Feb 2016 22:25
 Operator : SJ/UM
 Sample : H1515-25
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0311-S36-0312

Quant Time: Feb 25 02:18:48 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	24663	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	123653	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	77699	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	182952	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	195301	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	145094	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	2403	5.14	ng/uL	0.00
5) Phenol-d5	6.81	99	57946	28.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	31479	29.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	53035	29.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	38386	20.77	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	28060	29.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	32342	30.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	54654	28.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	73875	30.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	197647	29.66	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	245735	31.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	24741	23.10	ng/ul	0.00
58) Fluorene-d10	15.29	176	176429	31.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	18731	16.67	ng/ul	0.00
71) Anthracene-d10	17.14	188	277842	30.99	ng/ul	0.00
79) Pyrene-d10	19.45	212	322585	34.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	247207	32.47	ng/ul	0.00

Target Compounds

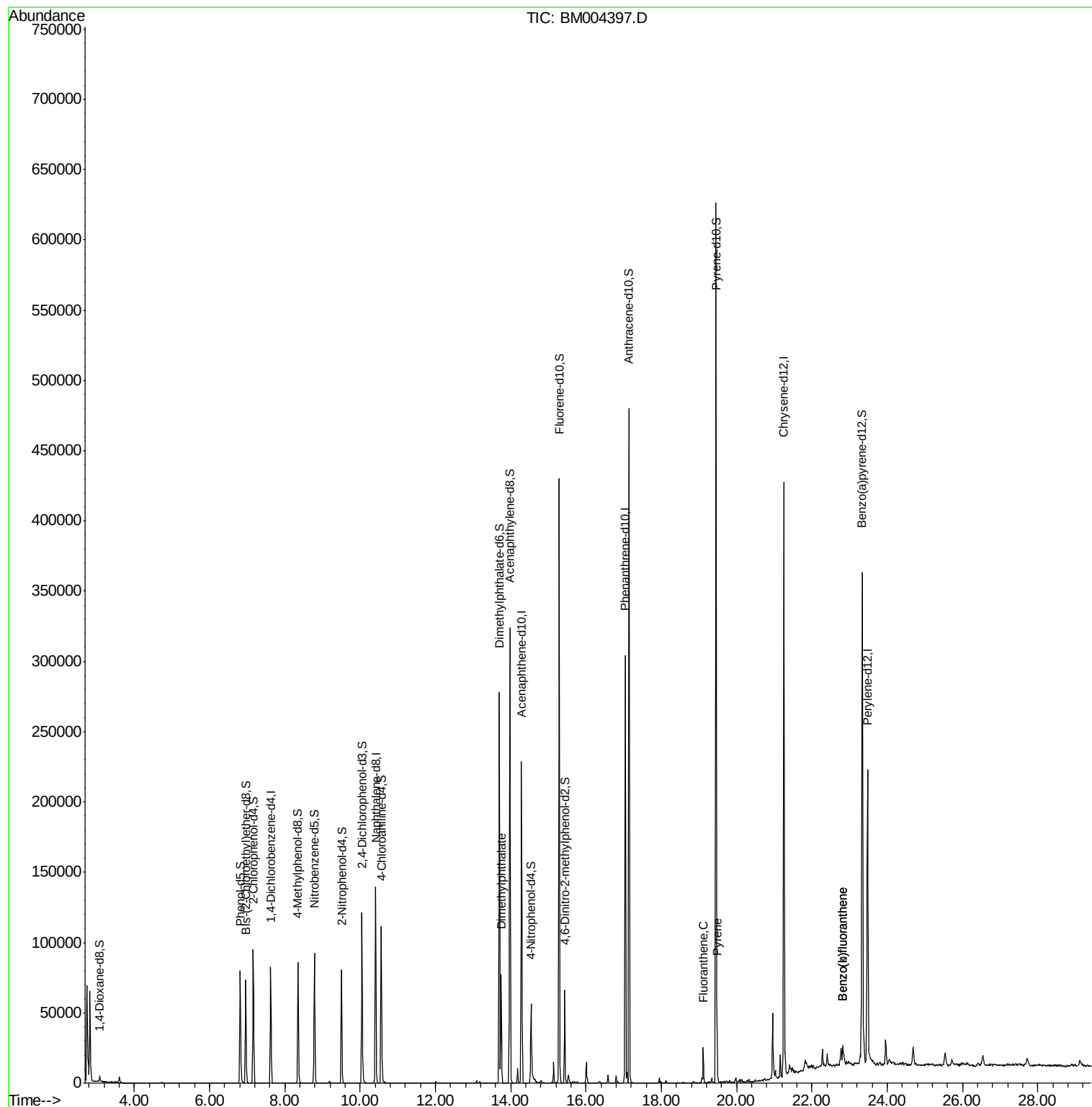
						Qvalue
45) Dimethylphthalate	13.74	163	54635	7.86	ng/ul	100
77) Fluoranthene	19.11	202	17073	1.37	ng/ul	99
80) Pyrene	19.47	202	17301	1.36	ng/ul	99
88) Benzo(b)fluoranthene	22.81	252	11300	1.15	ng/ul#	96
89) Benzo(k)fluoranthene	22.81	252	11300	1.22	ng/ul#	95

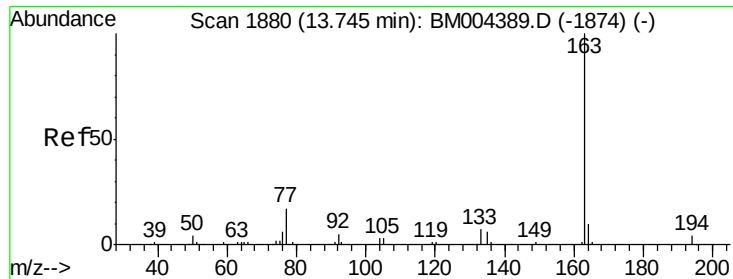
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022416\
Data File : BM004397.D
Acq On : 24 Feb 2016 22:25
Operator : SJ/UM
Sample : H1515-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0311-S36-0312

Quant Time: Feb 25 02:18:48 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





#45

Dimethylphthalate

Concen: 7.86 ng/ul

RT: 13.74 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BM004397.D

Acq: 24 Feb 2016 22:25

Instrument :

BNA_M

ClientSampleId :

0311-S36-0312

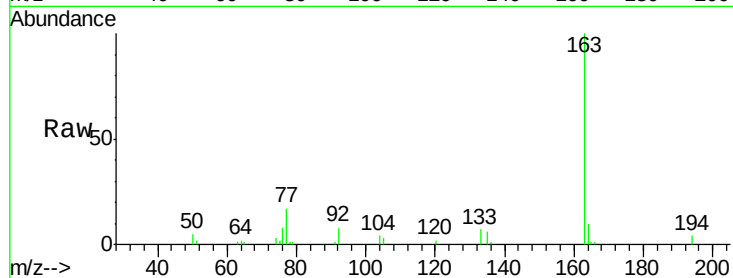
Tgt Ion:163 Resp: 54635

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

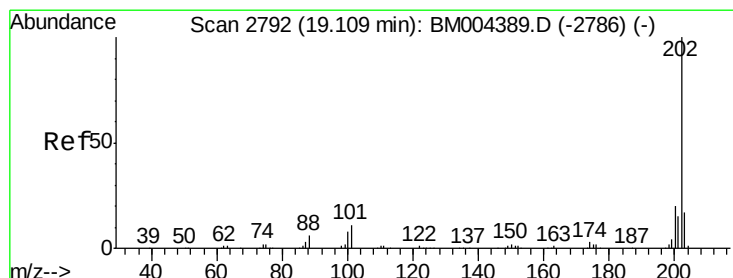
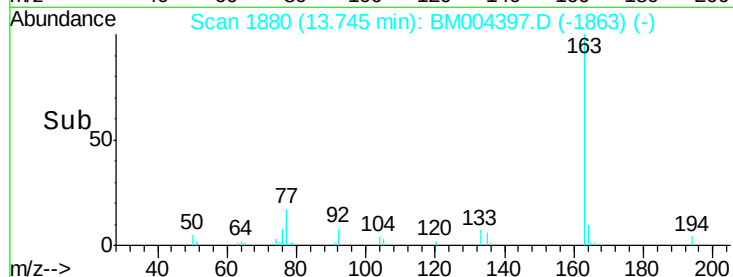
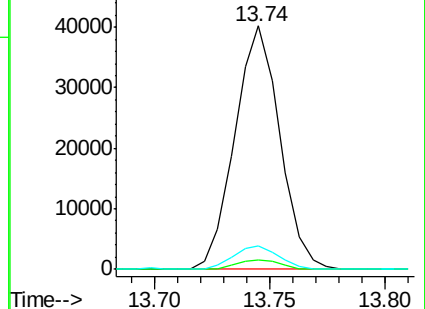
164 9.8 7.8 11.8



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: 1.37 ng/ul

RT: 19.11 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM004397.D

Acq: 24 Feb 2016 22:25

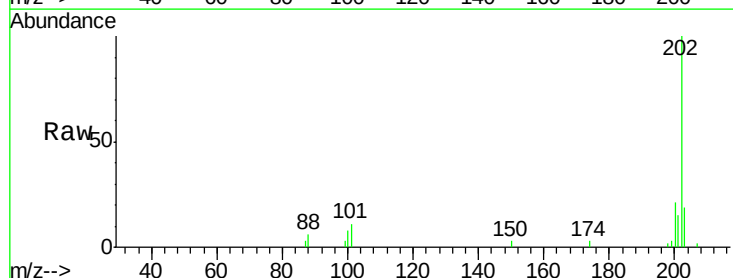
Tgt Ion:202 Resp: 17073

Ion Ratio Lower Upper

202 100

101 10.7 8.8 13.2

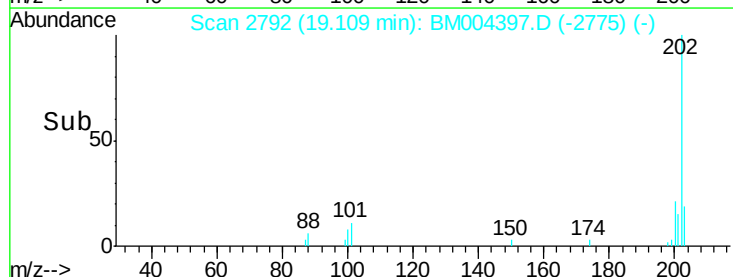
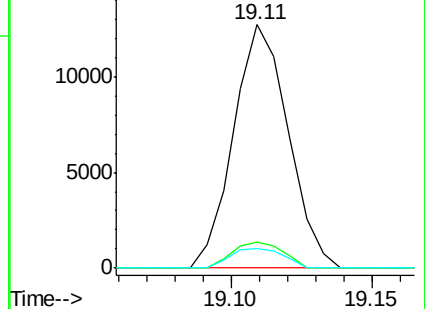
100 8.0 6.6 9.8

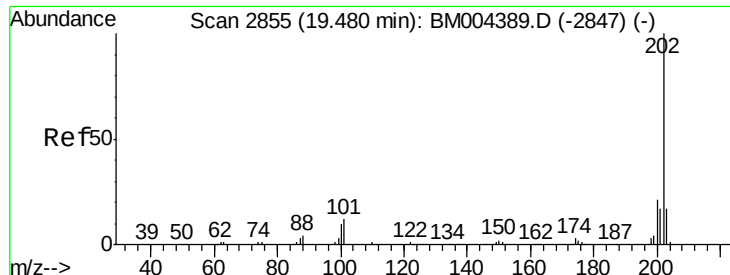


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 1.36 ng/ul

RT: 19.47 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BM004397.D

Acq: 24 Feb 2016 22:25

Instrument :

BNA_M

ClientSampleId :

0311-S36-0312

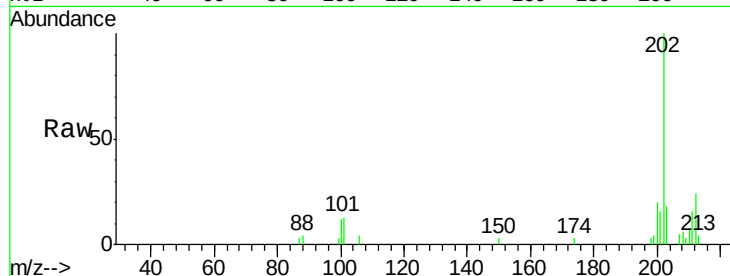
Tgt Ion:202 Resp: 17301

Ion Ratio Lower Upper

202 100

101 12.7 10.2 15.2

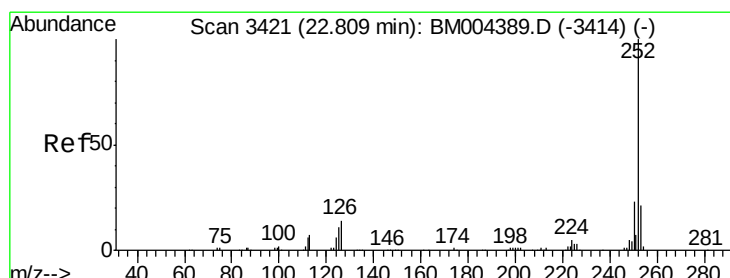
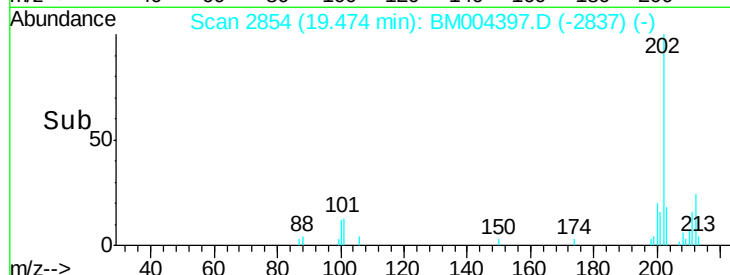
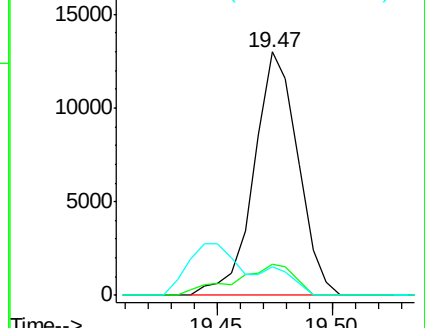
100 11.6 8.5 12.7



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: 1.15 ng/ul

RT: 22.81 min Scan# 3422

Delta R.T. 0.01 min

Lab File: BM004397.D

Acq: 24 Feb 2016 22:25

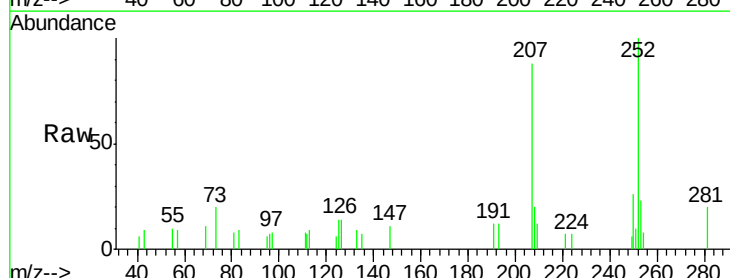
Tgt Ion:252 Resp: 11300

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

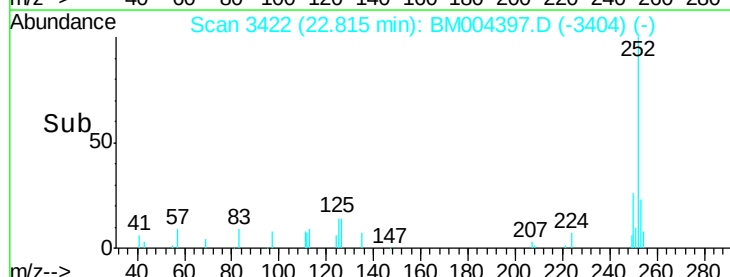
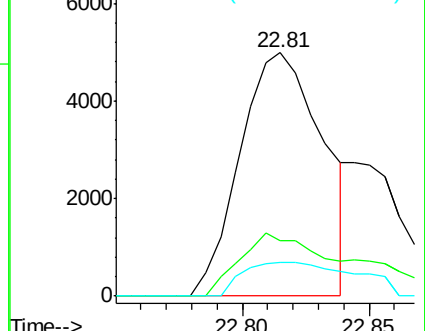
125 13.8 8.5 12.7#

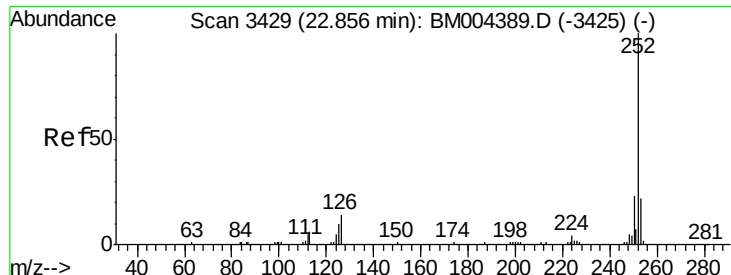


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.22 ng/ul

RT: 22.81 min Scan# 3422

Delta R.T. -0.04 min

Lab File: BM004397.D

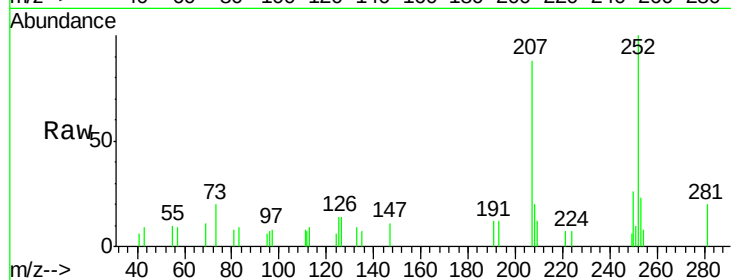
Acq: 24 Feb 2016 22:25

Instrument :

BNA_M

ClientSampleId :

0311-S36-0312



Tgt Ion:	252	Resp:	11300
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	13.8	8.2	12.2

