

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
 Data File : BM013023.D
 Acq On : 18 Nov 2017 05:07
 Operator : SJ/JU
 Sample : I6451-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2X1

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:30:36 PM

Quant Time: Nov 18 05:55:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 03:21:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	156159	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	619669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	365605	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	864170	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1054976	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1066309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	19527	5.79	ng/uL	0.00
5) Phenol-d5	6.89	99	99539	7.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	247568	32.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	278113	25.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	181758	16.40	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	170390	38.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	180032	42.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	339322	31.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	3450m	0.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.77	166	1149829	35.85	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1404274	34.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	41908	8.62	ng/ul	0.00
57) Fluorene-d10	15.35	176	985689	36.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	154441	41.22	ng/ul	0.00
70) Anthracene-d10	17.20	188	1605634	36.29	ng/ul	0.00
76) Pyrene-d10	19.50	212	1856686	34.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	2020485	37.37	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.28	88	6686	1.805	ng/uL# 52
8) Bis(2-Chloroethyl)ether	7.15	93	30570	3.041	ng/ul 86
16) 4-Methylphenol	8.47	108	18680	1.736	ng/ul 93
28) Naphthalene	10.55	128	81976	2.567	ng/ul 97
64) N-Nitrosodiphenylamine	15.62	169	63296	2.333	ng/ul 97

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

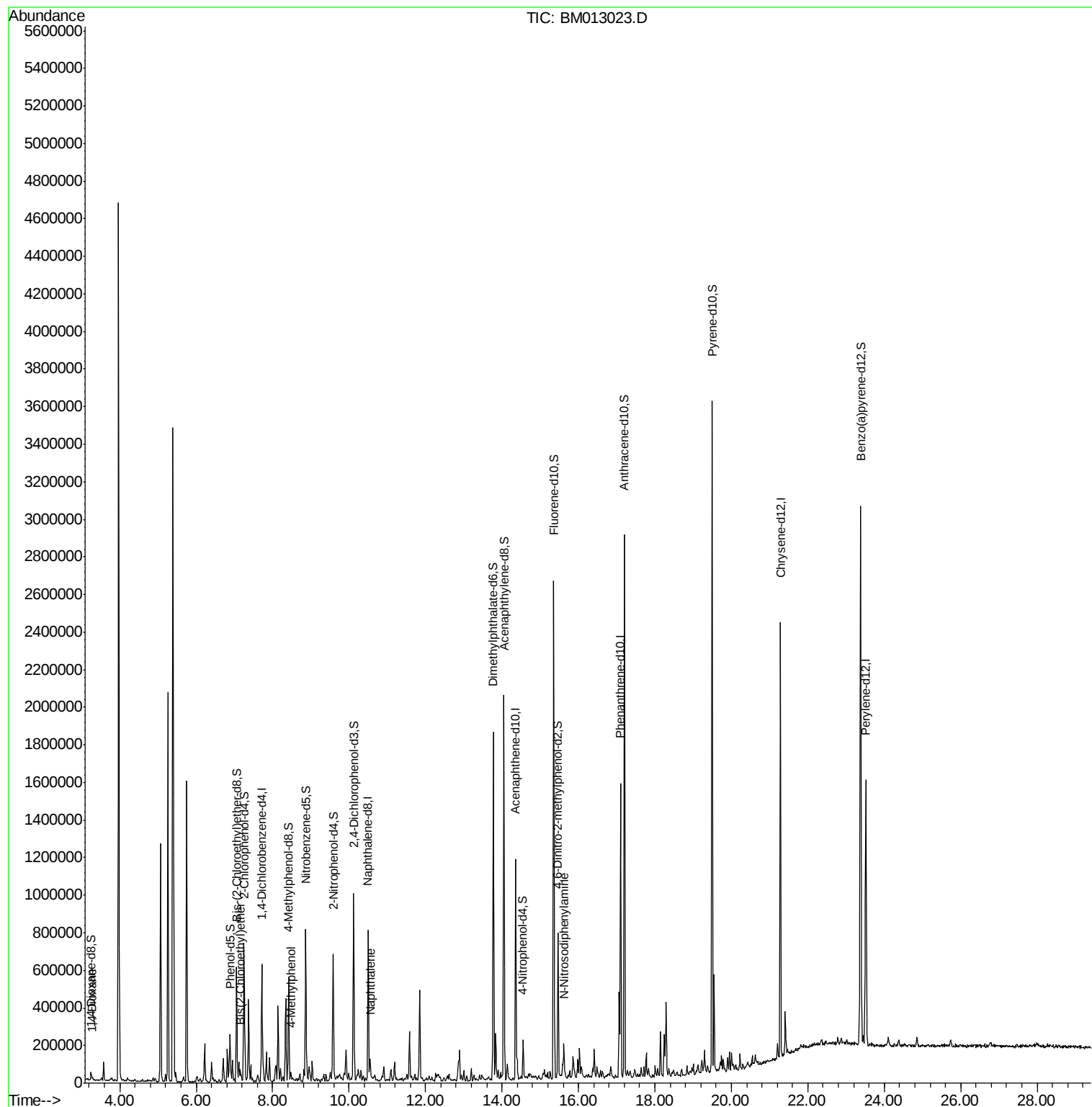
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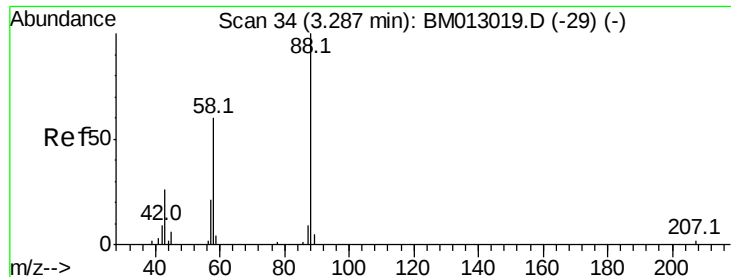
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#2

1,4-Dioxane

Concen: 1.805 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. -0.01 min

Lab File: BM013023.D

Acq: 18 Nov 2017 05:07

Instrument :

BNA_M

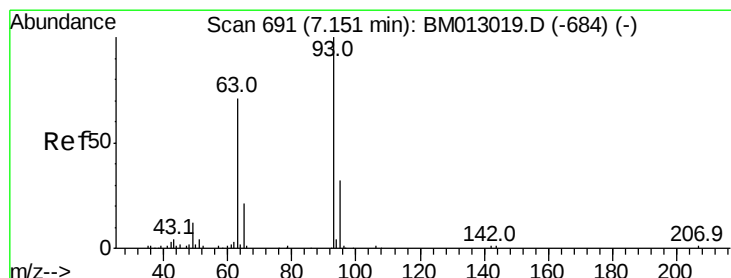
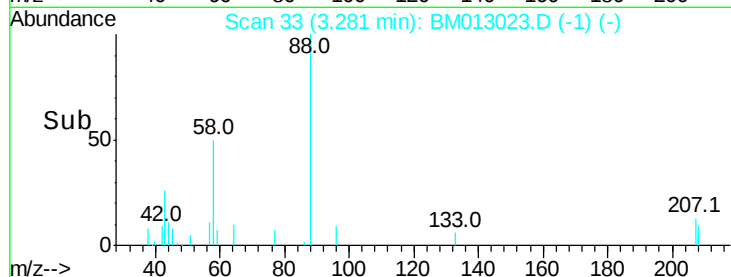
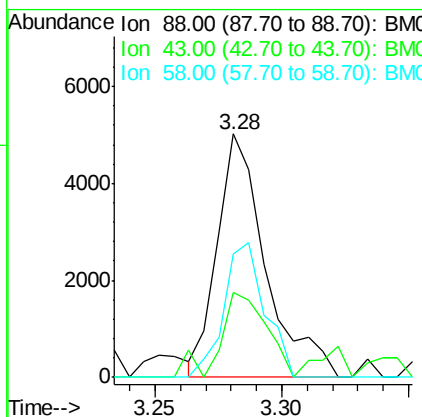
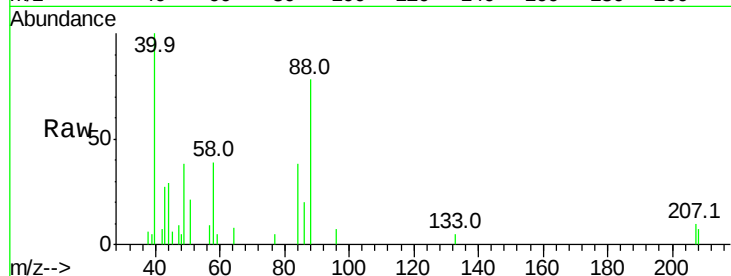
ClientSampled :

BE2X1

Tot Ion:	88	Resp:	6686
Ion	Ratio	Lower	Upper
88	100		
43	30.4	48.0	72.0#
58	46.7	80.0	120.0#

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#8

Bis(2-Chloroethyl)ether

Concen: 3.041 ng/uL

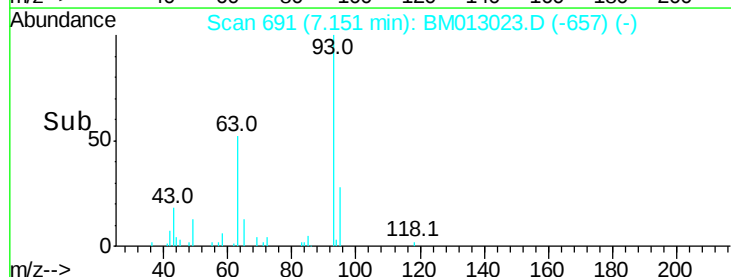
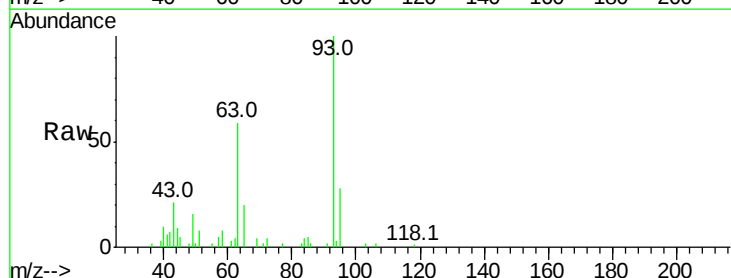
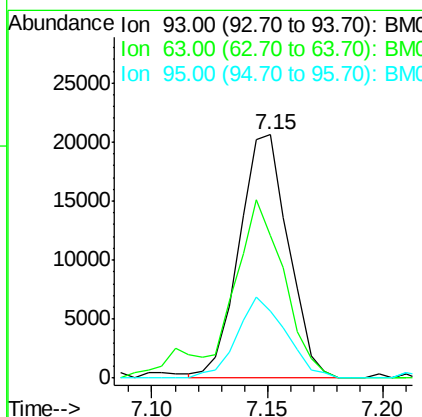
RT: 7.15 min Scan# 691

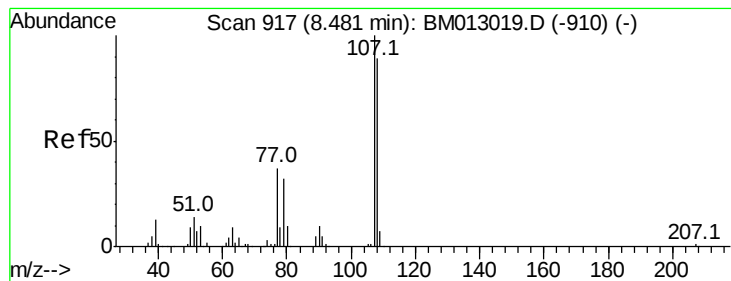
Delta R.T. -0.00 min

Lab File: BM013023.D

Acq: 18 Nov 2017 05:07

Tgt Ion:	93	Resp:	30570
Ion	Ratio	Lower	Upper
93	100		
63	58.8	57.3	85.9
95	27.6	26.6	39.8





#16

4-Methylphenol

Concen: 1.736 ng/ul

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BM013023.D

Acq: 18 Nov 2017 05:07

Instrument :

BNA_M

ClientSampled :

BE2X1

Tot Ion:108 Resp: 18680

Ion Ratio Lower Upper

108 100

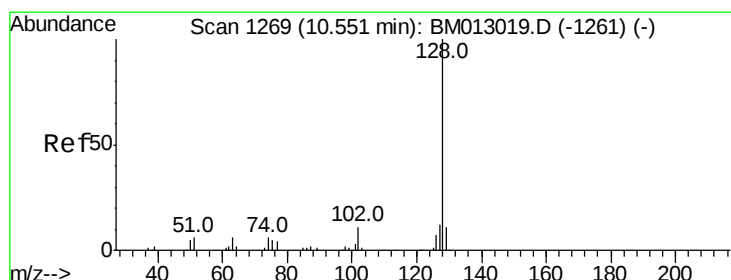
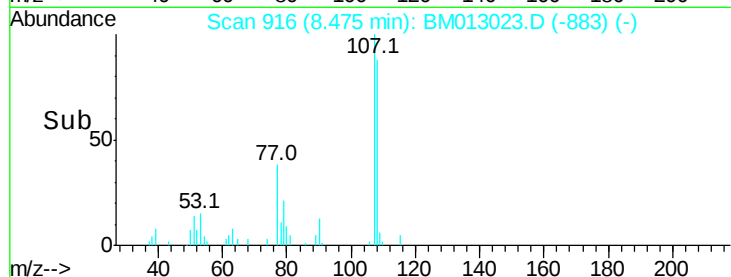
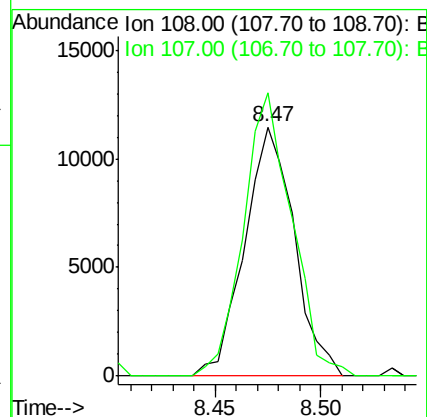
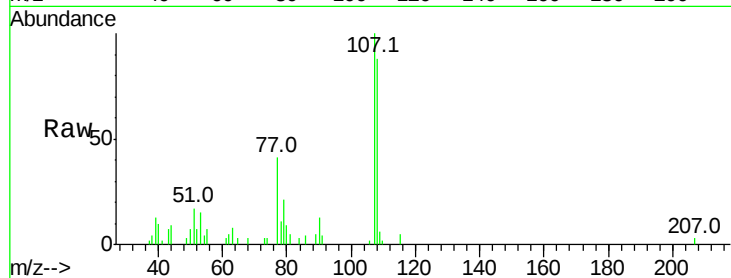
107 113.7 84.9 127.3

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#28

Naphthalene

Concen: 2.567 ng/ul

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM013023.D

Acq: 18 Nov 2017 05:07

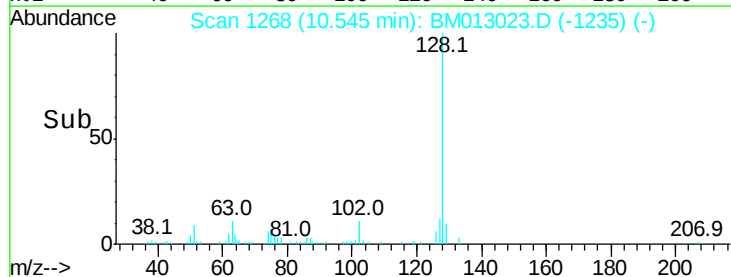
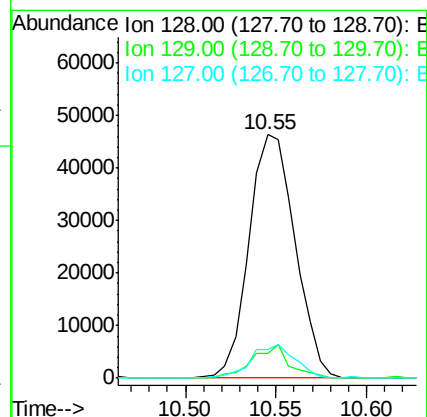
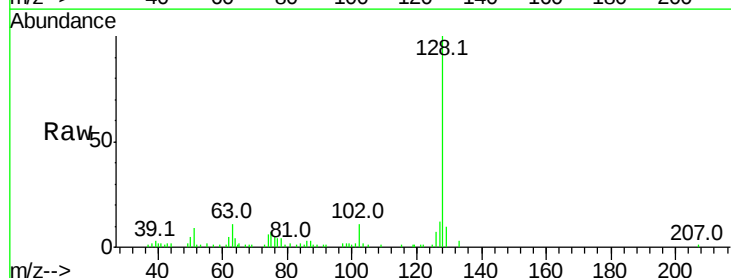
Tgt Ion:128 Resp: 81976

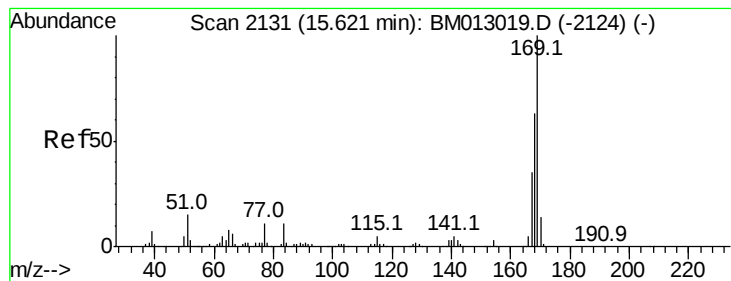
Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

127 11.7 10.6 16.0





#64

N-Nitrosodiphenylamine

Concen: 2.333 ng/ul

RT: 15.62 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BM013023.D

Acq: 18 Nov 2017 05:07

Instrument :

BNA_M

ClientSampleId :

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Tot Ion:169 Resp: 63296

Ion Ratio Lower Upper

169 100

168 66.6 54.0 81.0

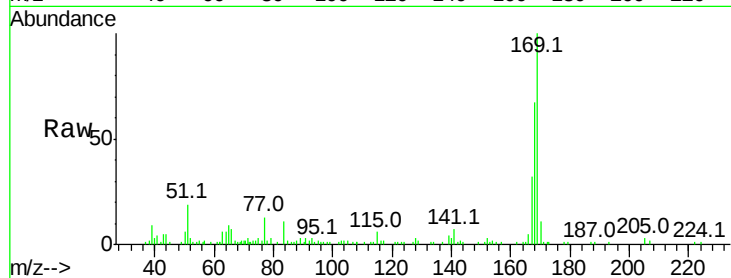
167 32.3 29.1 43.7

Manual Integrations

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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

