

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
 Data File : BM028944.D
 Acq On : 27 Feb 2021 06:53
 Operator : CG/JU
 Sample : M1498-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8F9

Manual Integrations
 APPROVED

mohammad
 3/1/2021 12:38:34 PM

Quant Time: Feb 28 23:46:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 26 15:22:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	16541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	69145	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	40005	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	77937	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	57782	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	53972	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	2315	6.30	ng/uL	0.00
5) Phenol-d5	6.96	99	13909	11.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	32023	47.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	42084	39.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	26592	27.65	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	23854	47.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	27741	49.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	46924	45.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	5428	4.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	141868	51.59	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	184740	50.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	4878m	10.19	ng/ul	0.00
58) Fluorene-d10	15.43	176	122335	50.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	22142	47.64	ng/ul	0.00
71) Anthracene-d10	17.27	188	177302	50.05	ng/ul	0.00
79) Pyrene-d10	19.56	212	166428	58.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	139405	50.85	ng/ul	0.00

Target Compounds					Ovalue	
2) 1,4-Dioxane	3.16	88	946	2.555	ng/uL#	88
45) Dimethylphthalate	13.90	163	5599	1.952	ng/ul	99
50) Acenaphthene	14.50	153	11014	4.346	ng/ul	96
54) Dibenzofuran	14.83	168	4791	1.365	ng/ul	96
59) Fluorene	15.49	166	4095	1.423	ng/ul#	93

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

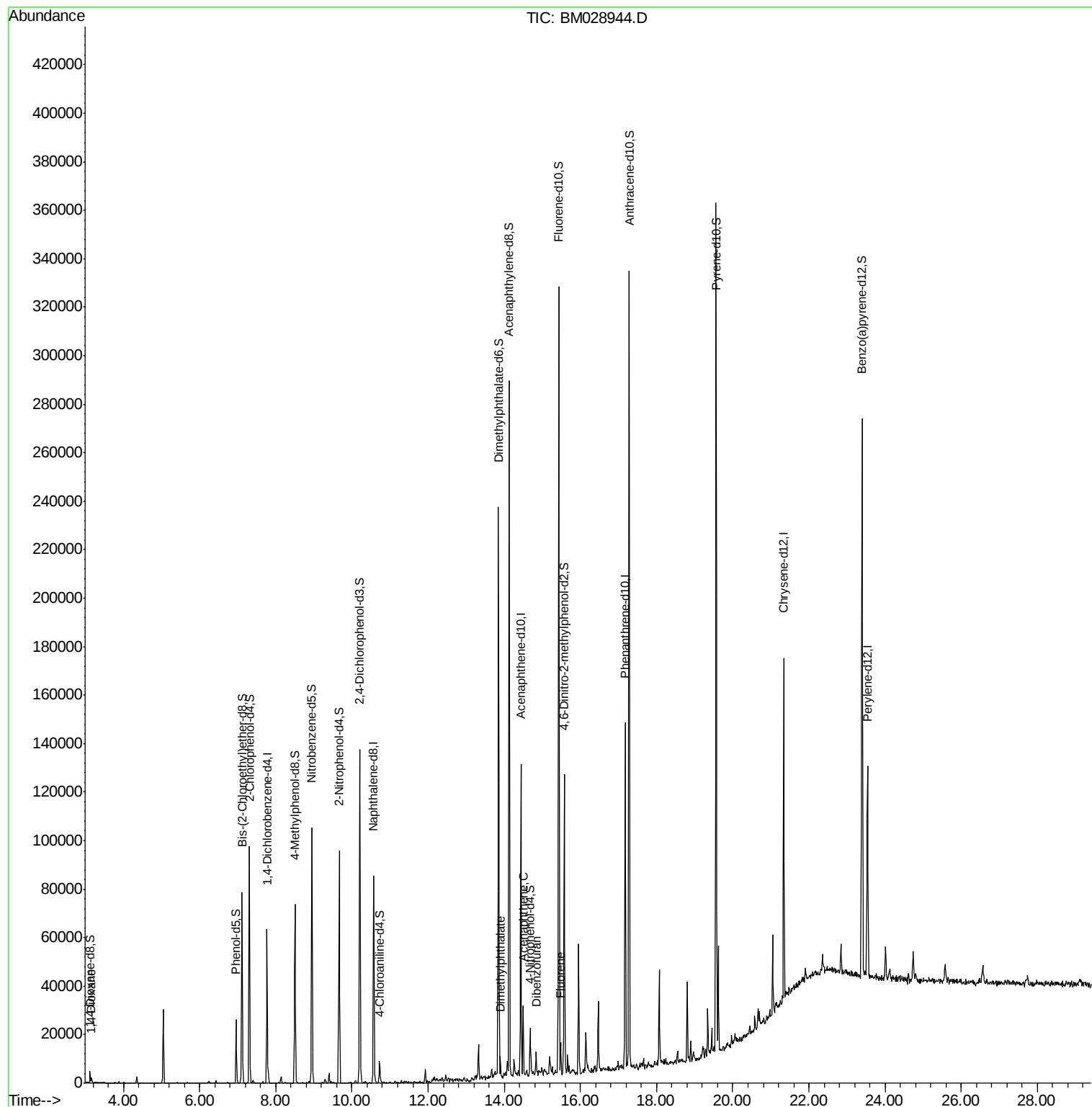
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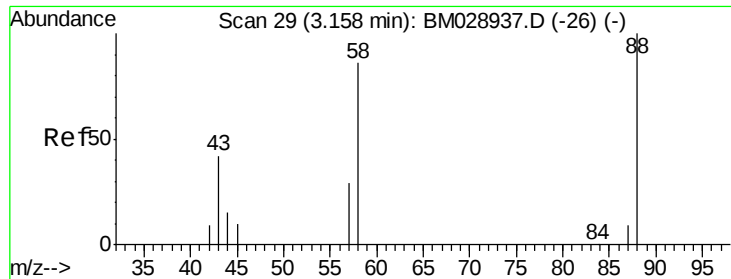
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#2

1,4-Dioxane

Concen: 2.555 ng/uL

RT: 3.16 min Scan# 29

Delta R.T. 0.00 min

Lab File: BM028944.D

Acq: 27 Feb 2021 06:53

Instrument :

BNA_M

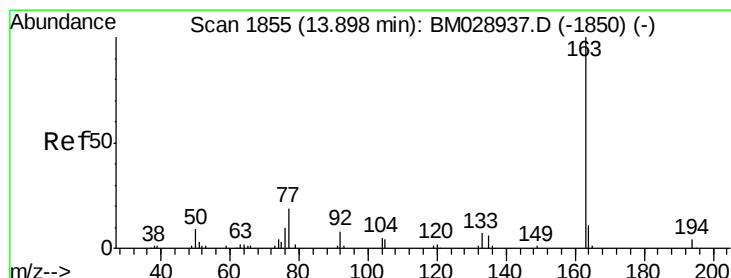
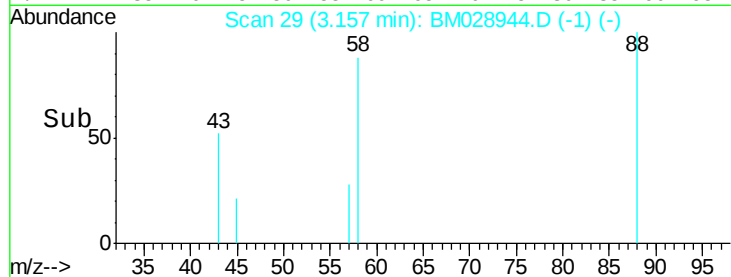
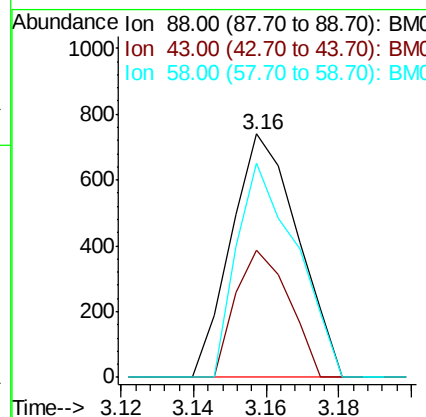
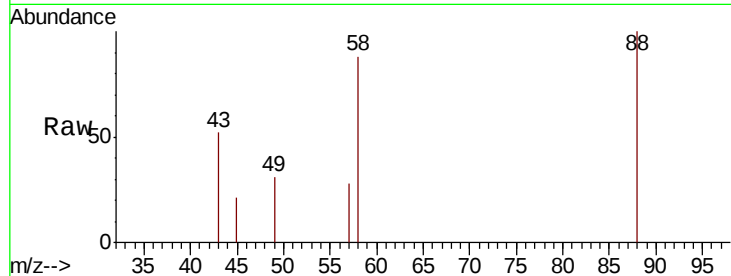
ClientSampleId :

CB8F9

Tot Ion:	88	Resp:	946
Ion	Ratio	Lower	Upper
88	100		
43	52.0	31.5	47.3#
58	87.8	64.9	97.3

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#45

Dimethylphthalate

Concen: 1.952 ng/uL

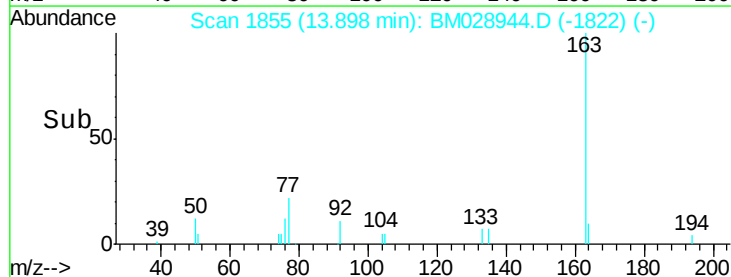
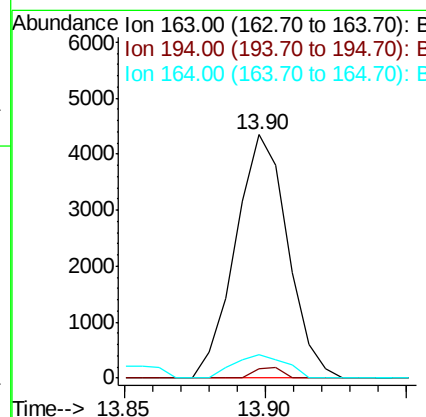
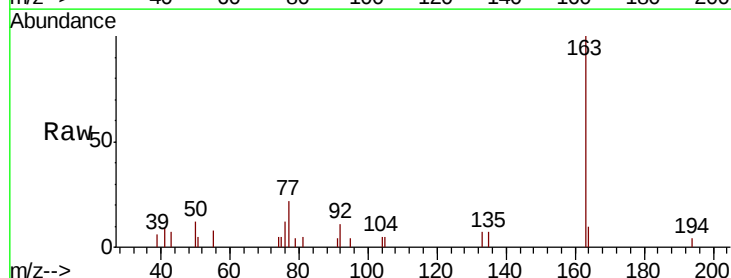
RT: 13.90 min Scan# 1855

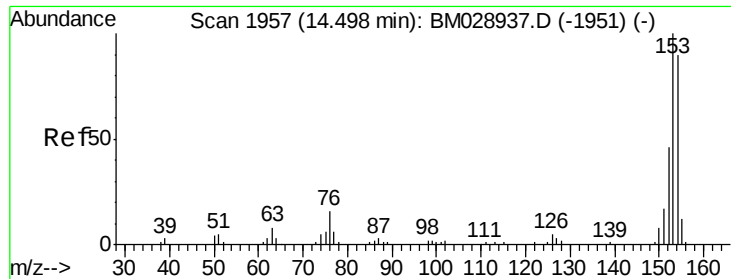
Delta R.T. -0.01 min

Lab File: BM028944.D

Acq: 27 Feb 2021 06:53

Tgt Ion:	163	Resp:	5599
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.7	8.2	12.2





#50

Acenaphthene

Concen: 4.346 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM028944.D

Acq: 27 Feb 2021 06:53

Instrument :

BNA_M

ClientSampled :

CB8F9

Tot Ion:153 Resp: 11014

Ion Ratio Lower Upper

153 100

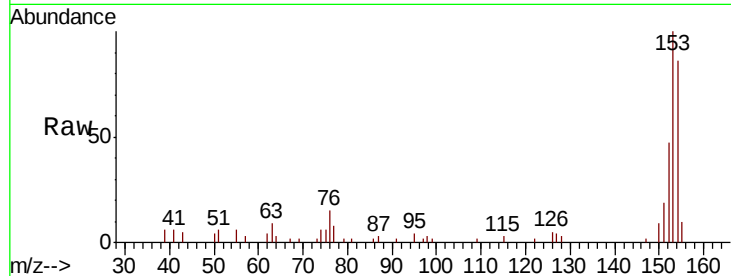
152 47.0 37.6 56.4

154 86.4 73.6 110.4

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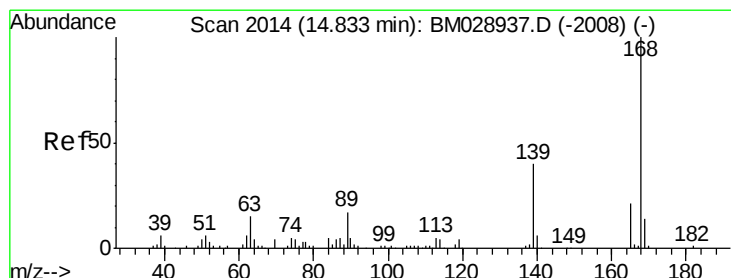
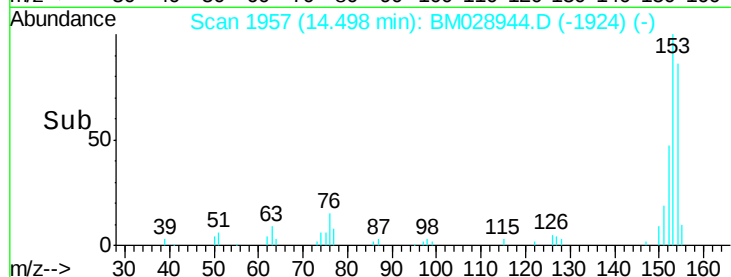
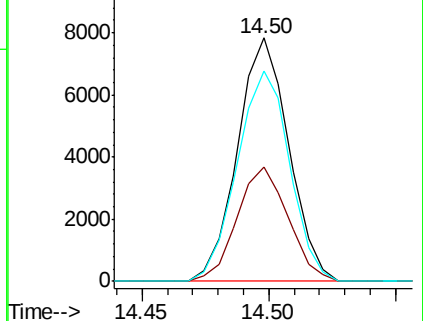
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.365 ng/ul

RT: 14.83 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BM028944.D

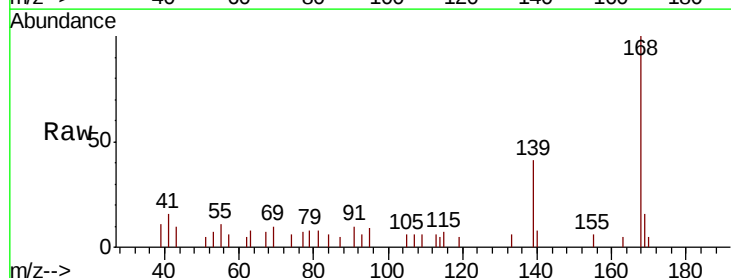
Acq: 27 Feb 2021 06:53

Tgt Ion:168 Resp: 4791

Ion Ratio Lower Upper

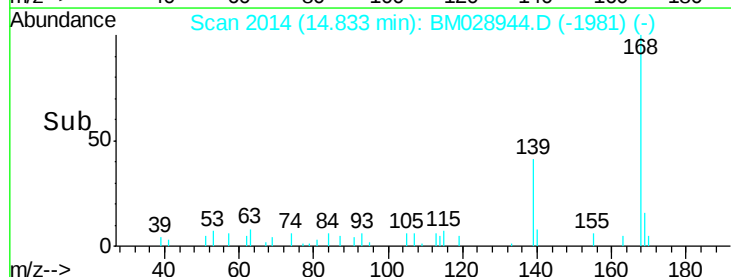
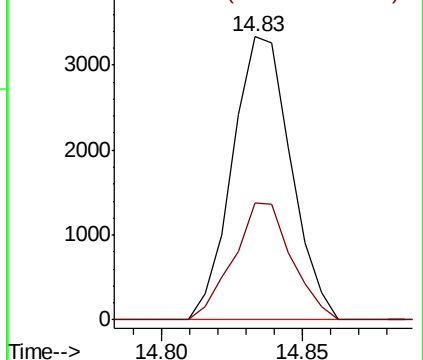
168 100

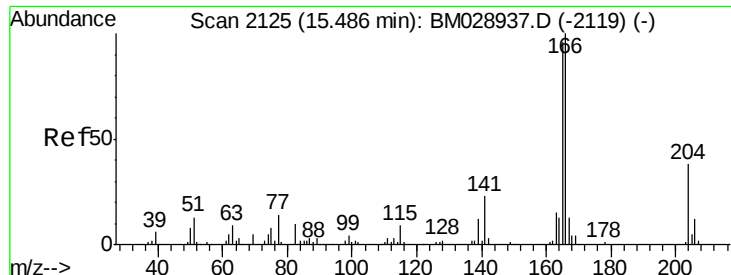
139 41.3 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.423 ng/ul

RT: 15.49 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BM028944.D

Acq: 27 Feb 2021 06:53

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Tot Ion:166 Resp: 4095

Ion Ratio Lower Upper

166 100

165 89.9 77.4 116.0

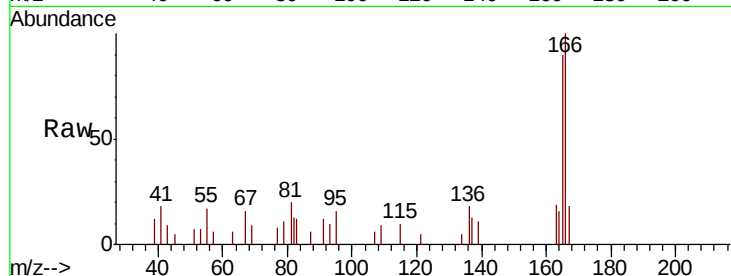
167 17.6 10.6 15.8#

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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

