

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001093.D
 Acq On : 03 May 2018 04:19
 Operator : JU/SJ
 Sample : J2601-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAT52

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Quant Time: May 03 09:01:01 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 08:25:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	137287	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	587463	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	284948	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	507857	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	424870	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	461516	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	837259	30.59	ng/ul	0.00
10) Fluorene-d10	15.26	176	566175	31.00	ng/ul	0.00
14) Anthracene-d10	17.10	188	758303	32.65	ng/ul	0.00
18) Pyrene-d10	19.41	212	718133	32.99	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.29	264	767145	35.19	ng/ul	0.02
Target Compounds				Ovalue		
8) Acenaphthylene	13.97	152	31177	1.151	ng/ul	98
13) Phenanthrene	17.05	178	275012	9.929	ng/ul	100
15) Anthracene	17.14	178	56885	2.047	ng/ul	98
16) Fluoranthene	19.07	202	931750	33.155	ng/ul#	93
19) Pyrene	19.44	202	770000	28.215	ng/ul#	88
20) Benzo(a)anthracene	21.20	228	369920	14.565	ng/ul	95
21) Chrysene	21.25	228	515132m	21.580	ng/ul	
23) Benzo(b)fluoranthene	22.77	252	800161	30.508	ng/ul#	96
24) Benzo(k)fluoranthene	22.80	252	196907m	7.672	ng/ul	
26) Benzo(a)pyrene	23.33	252	430481	17.174	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.62	276	395513	13.064	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.62	278	92475	3.665	ng/ul#	80
29) Benzo(a,h,i)perylene	26.29	276	355040	14.021	ng/ul#	92

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

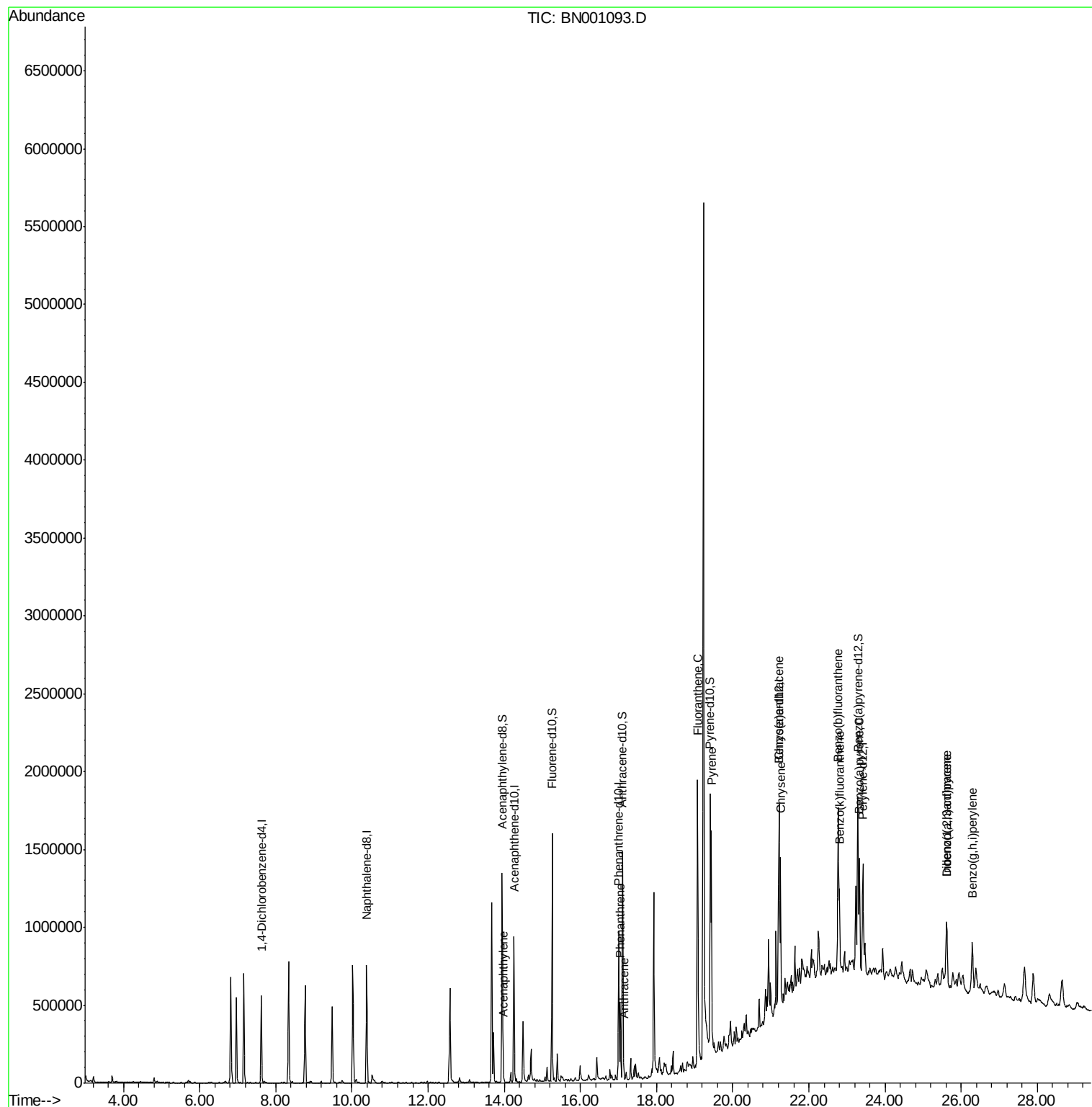
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001093.D
Acq On : 03 May 2018 04:19
Operator : JU/SJ
Sample : J2601-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

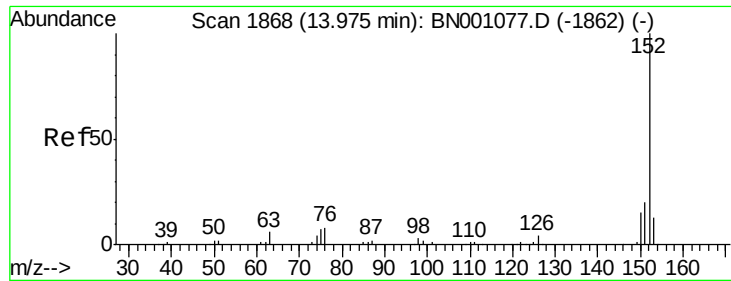
Instrument :
BNA_N
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DAT52

Quant Time: May 03 09:01:01 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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#8

Acenaphthylene

Concen: 1.151 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Instrument :

BNA_N

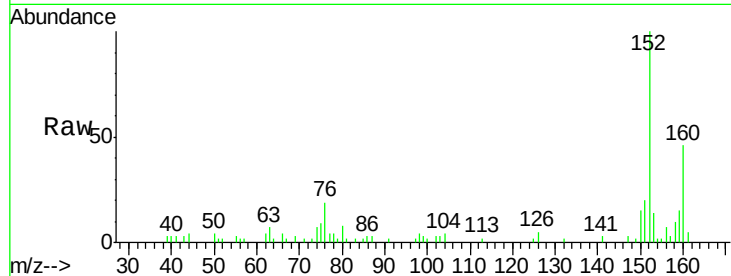
ClientSampled :

DAT52

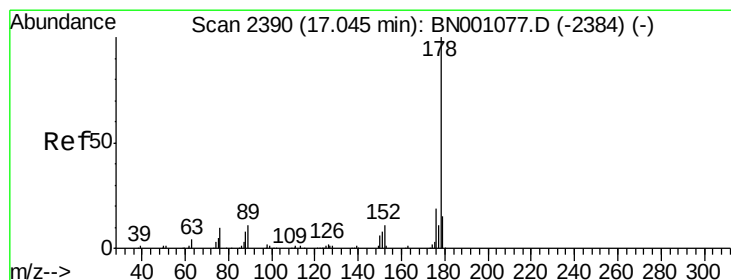
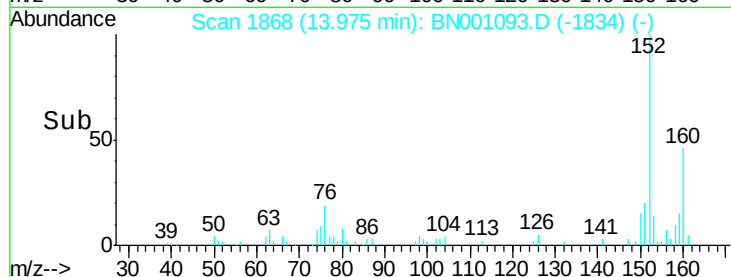
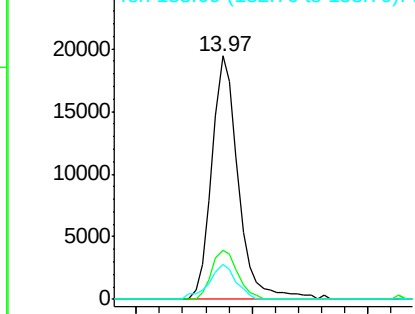
Tot Ion:	152	Resp:	31177
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.7	25.1
153	14.2	10.2	15.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#13

Phenanthrene

Concen: 9.929 ng/ul

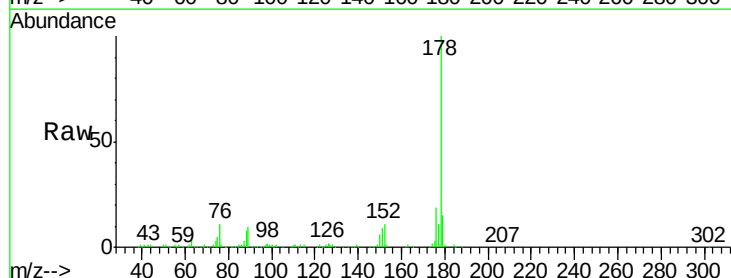
RT: 17.05 min Scan# 2391

Delta R.T. 0.01 min

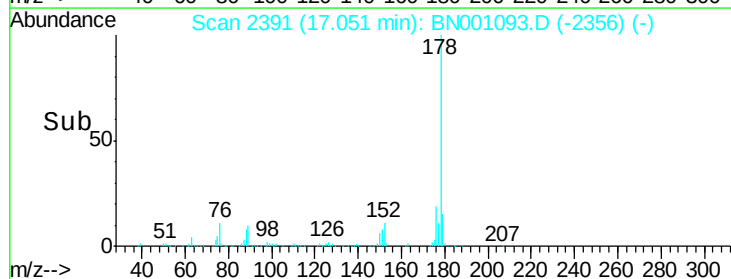
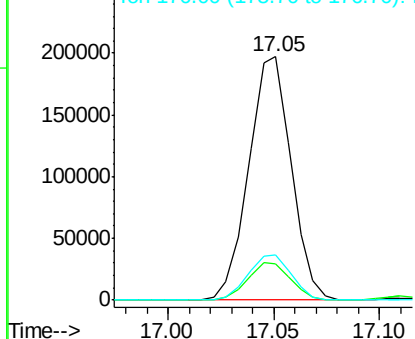
Lab File: BN001093.D

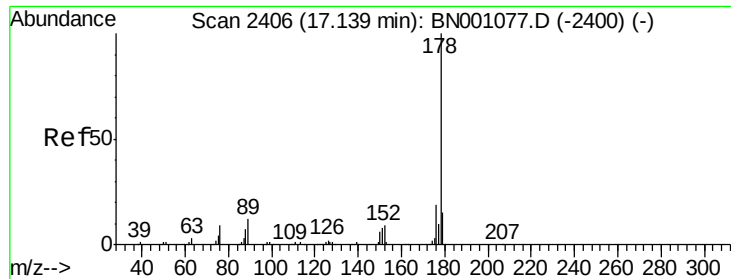
Acq: 03 May 2018 04:19

Tgt Ion:	178	Resp:	275012
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.3	18.5
176	18.8	15.1	22.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





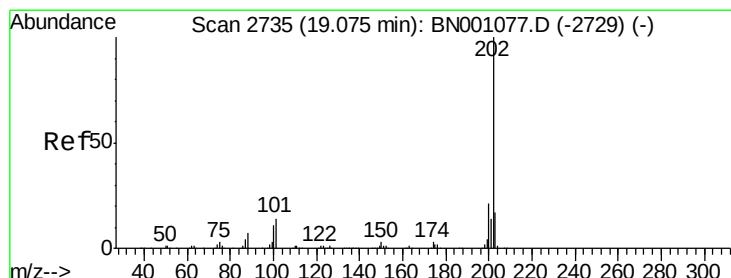
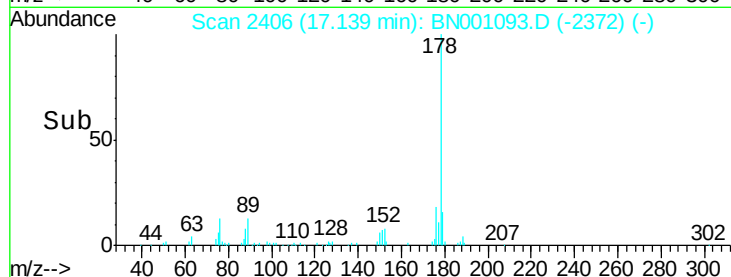
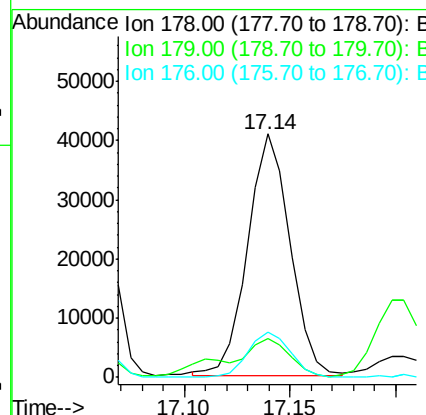
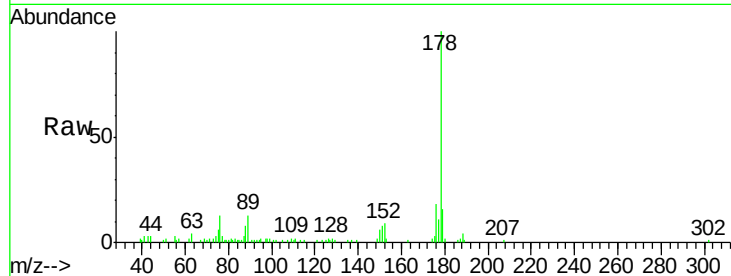
#15
 Anthracene
 Concen: 2.047 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BN001093.D
 Acq: 03 May 2018 04:19

Instrument :
 BNA_N
 ClientSampled :
 DAT52

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	18.3	15.2	22.8

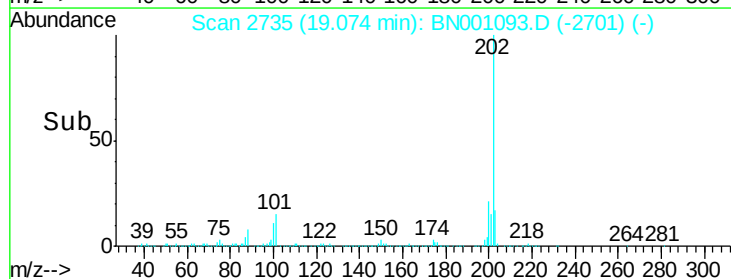
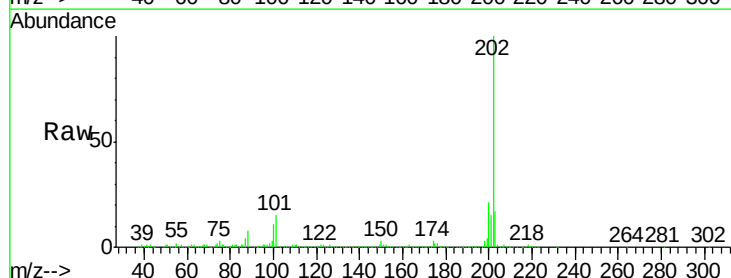
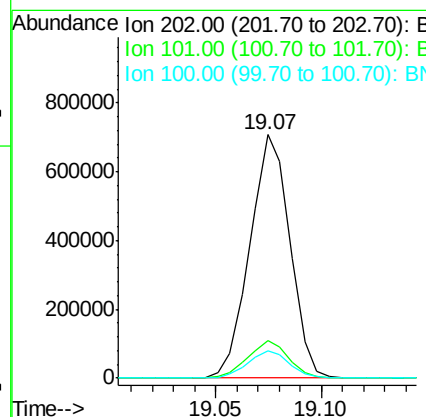
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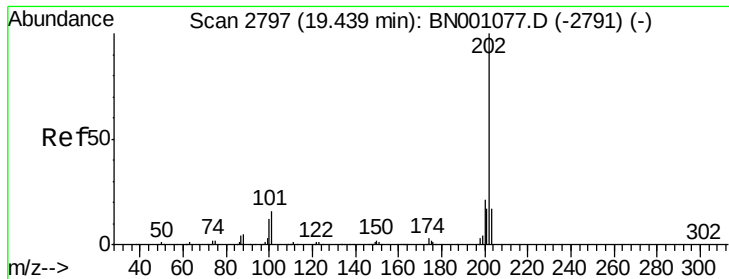
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#16
 Fluoranthene
 Concen: 33.155 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: BN001093.D
 Acq: 03 May 2018 04:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	11.5	7.4	11.0#





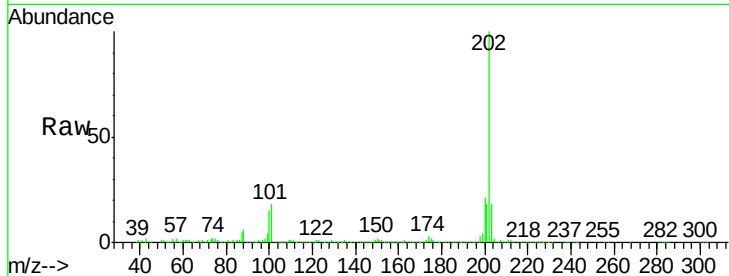
#19
Pvrene
Concen: 28.215 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN001093.D
Acq: 03 May 2018 04:19

Instrument :
BNA_N
ClientSampleId :
DAT52

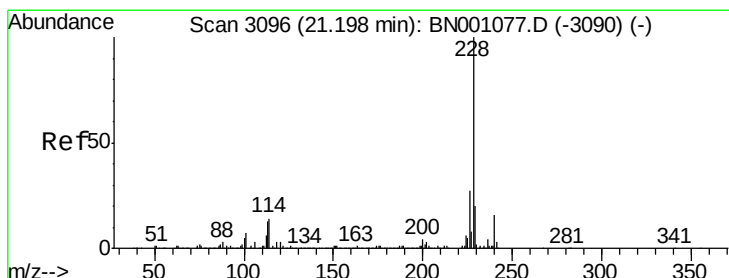
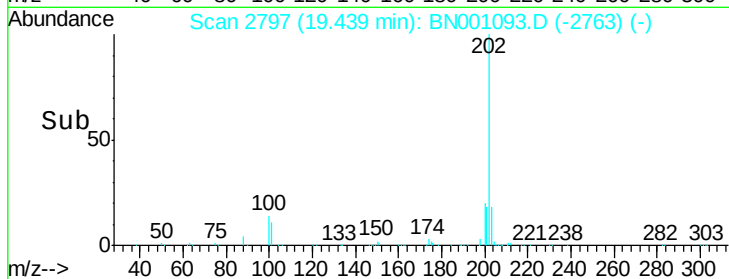
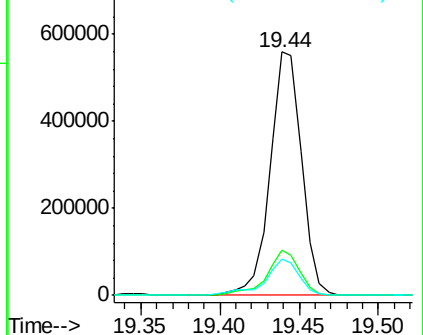
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	18.5	11.0	16.4#
100	14.8	8.1	12.1#

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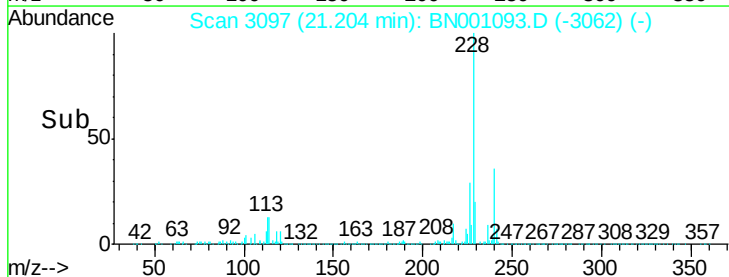
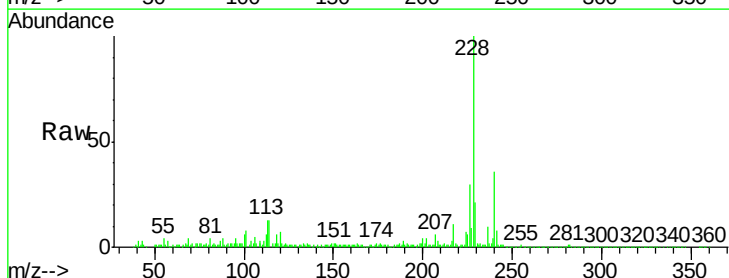
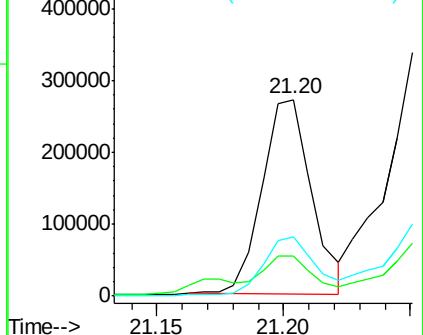
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

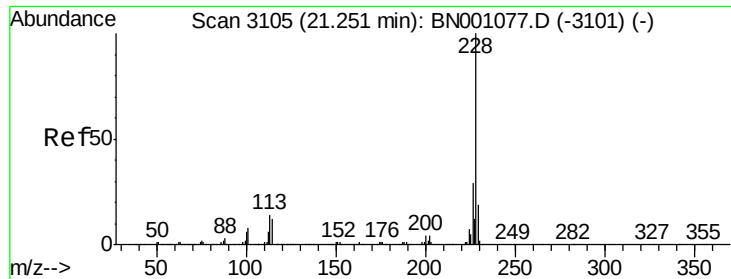


#20
Benzo(a)anthracene
Concen: 14.565 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BN001093.D
Acq: 03 May 2018 04:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.7	23.5
226	29.8	21.1	31.7

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 21.580 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Instrument :

BNA_N

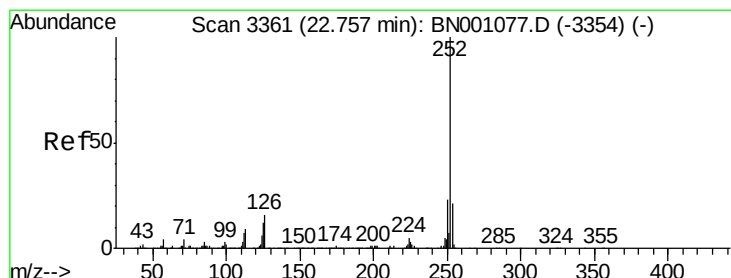
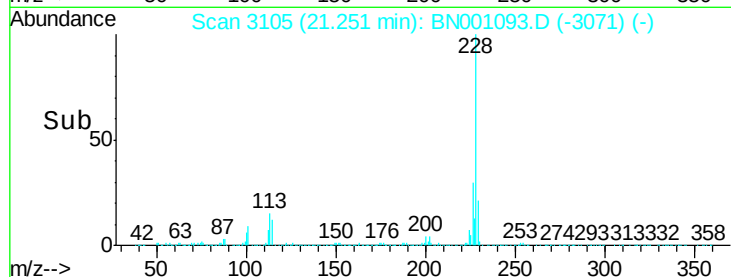
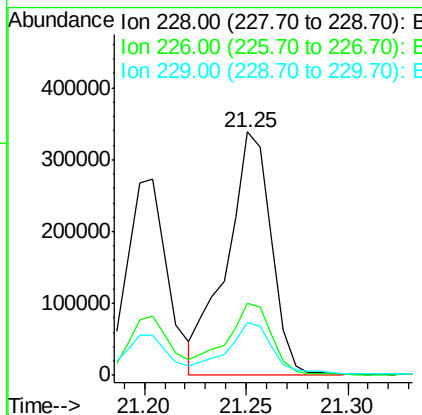
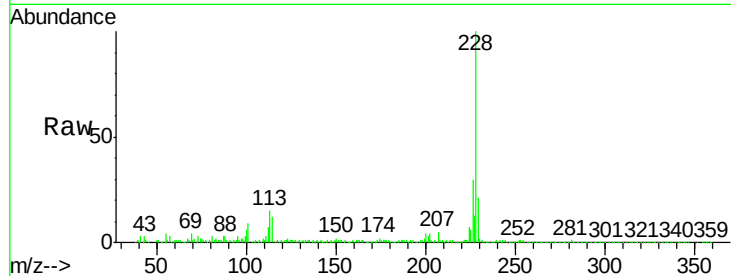
ClientSampled :

DAT52

Tot Ion:	228	Resp:	515132
Ion Ratio		Lower	Upper
228	100		
226	29.8	24.5	36.7
229	21.5	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 30.508 ng/ul

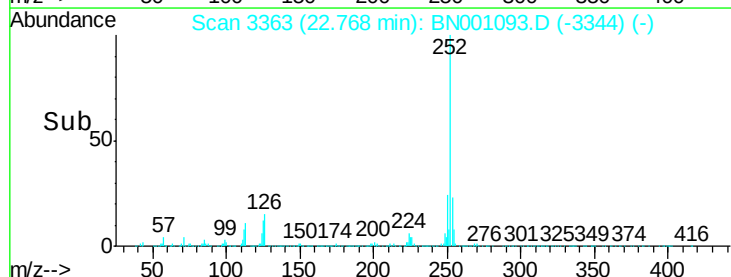
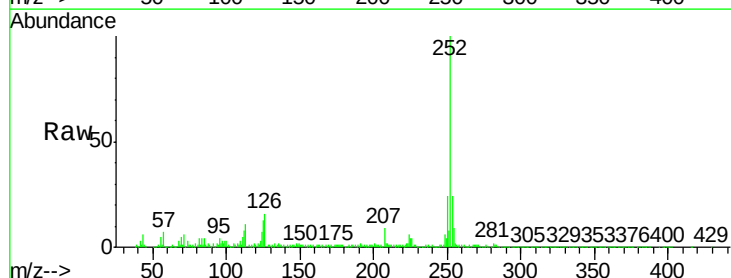
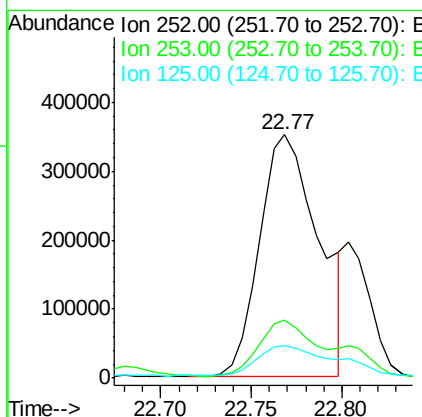
RT: 22.77 min Scan# 3363

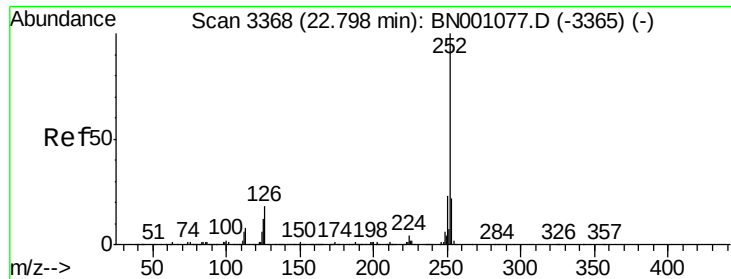
Delta R.T. 0.01 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Tgt Ion:	252	Resp:	800161
Ion Ratio		Lower	Upper
252	100		
253	23.6	18.0	27.0
125	13.1	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 7.672 ng/ul m

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Instrument :

BNA_N

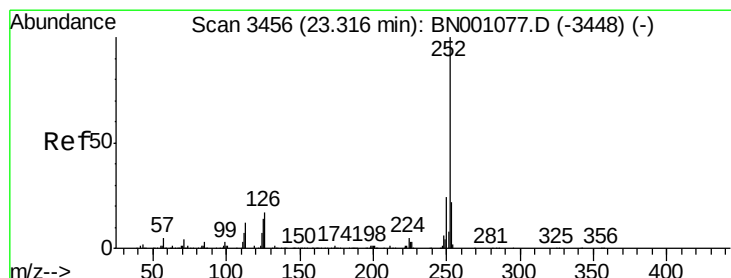
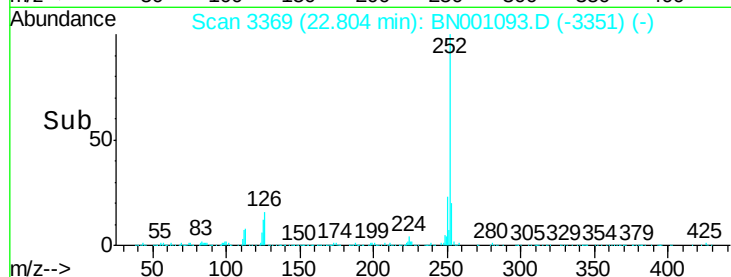
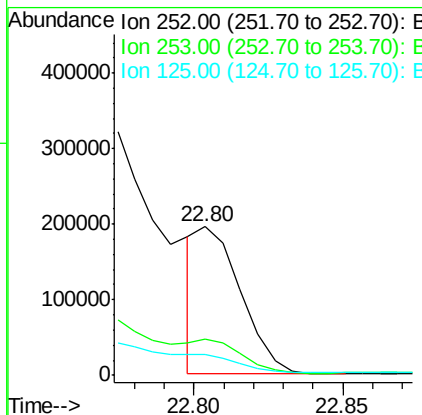
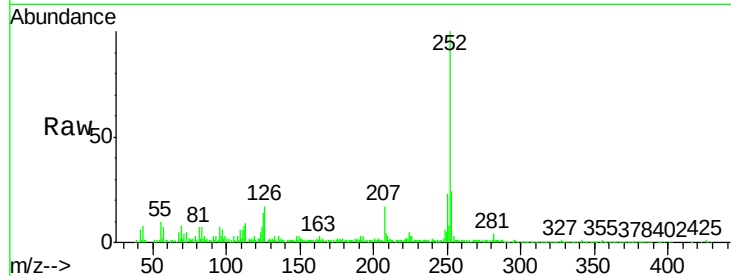
ClientSampled :

DAT52

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	14.2	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 17.174 ng/ul

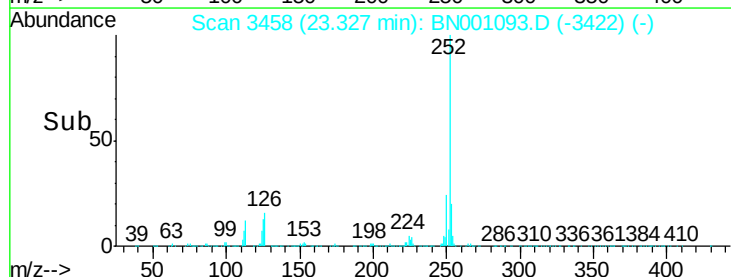
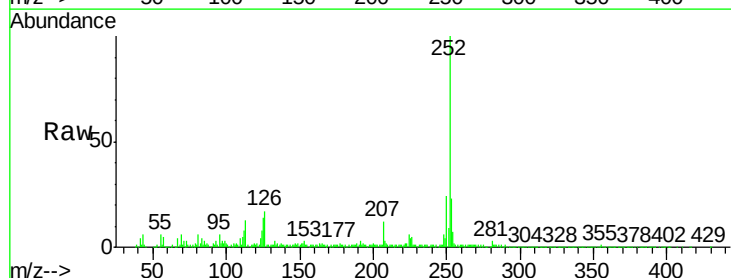
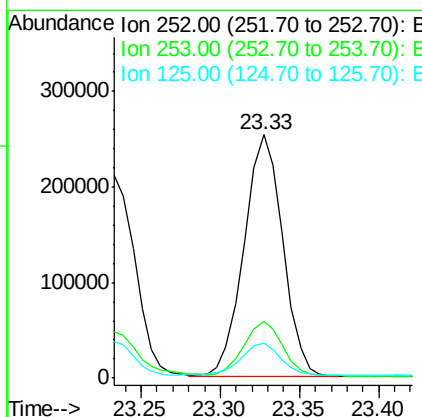
RT: 23.33 min Scan# 3458

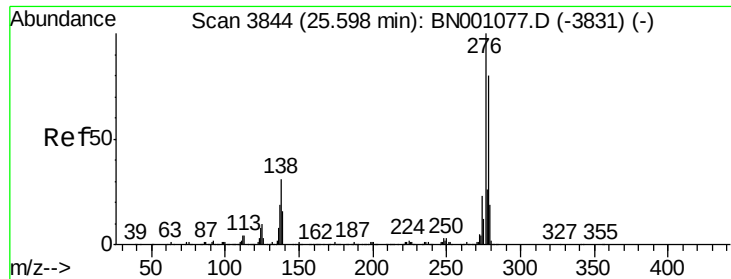
Delta R.T. 0.01 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	14.3	8.2	12.4#





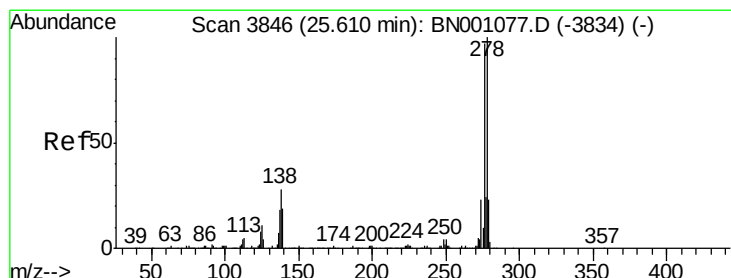
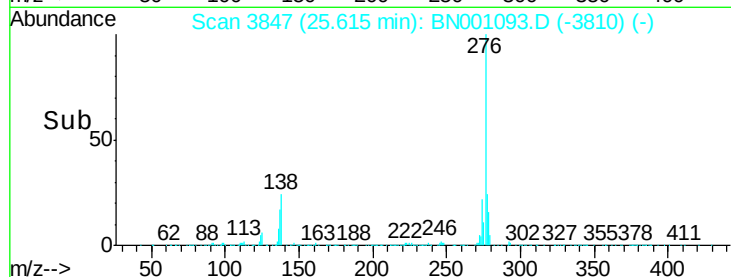
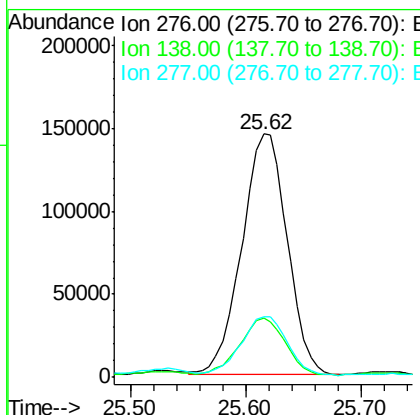
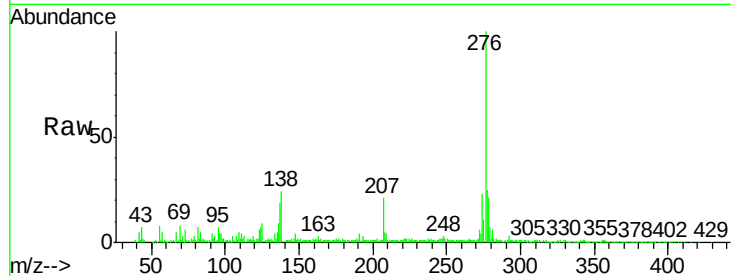
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 13.064 ng/ul
 RT: 25.62 min Scan# 3847
 Delta R.T. 0.02 min
 Lab File: BN001093.D
 Acq: 03 May 2018 04:19

Instrument :
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 ClientSampleId :
 DAT52

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	14.4	21.6#
277	24.7	18.0	27.0

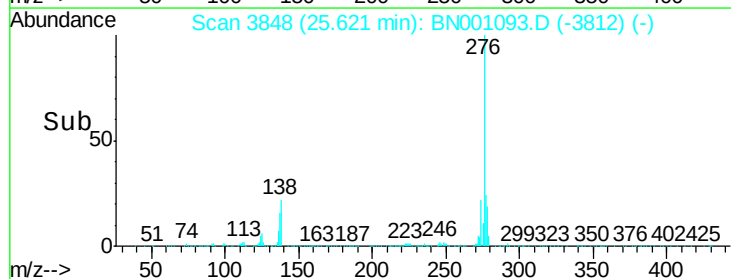
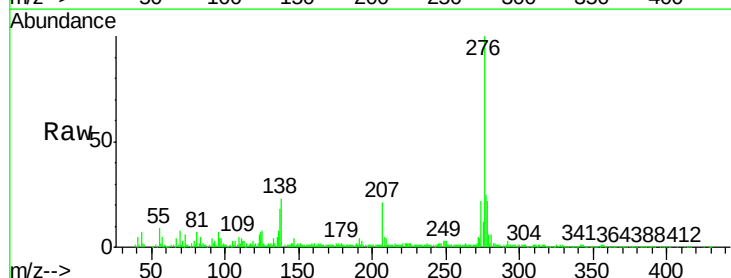
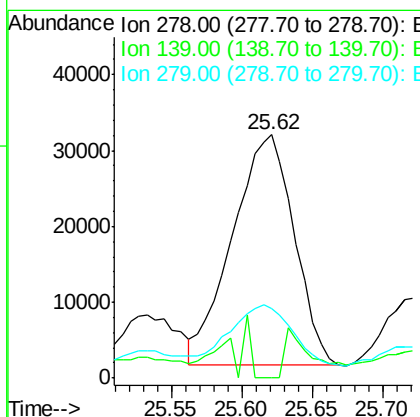
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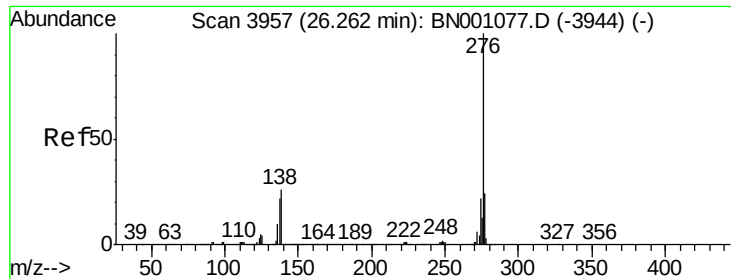
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#28
 Dibenzo(a,h)anthracene
 Concen: 3.665 ng/ul
 RT: 25.62 min Scan# 3848
 Delta R.T. 0.01 min
 Lab File: BN001093.D
 Acq: 03 May 2018 04:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	28.8	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 14.021 ng/ul

RT: 26.29 min Scan# 3962

Delta R.T. 0.03 min

Lab File: BN001093.D

Acq: 03 May 2018 04:19

Instrument :

BNA_N

ClientSampleId :

DAT52

Tot Ion: 276 Resp: 355040

Ion Ratio Lower Upper

276 100

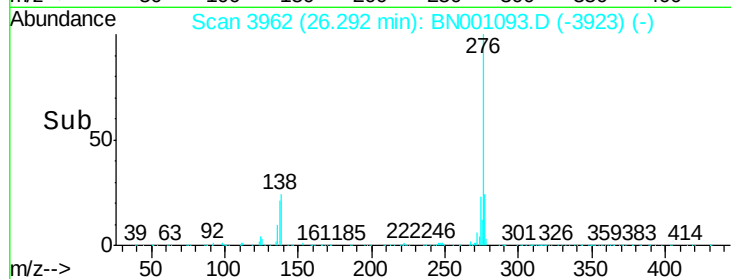
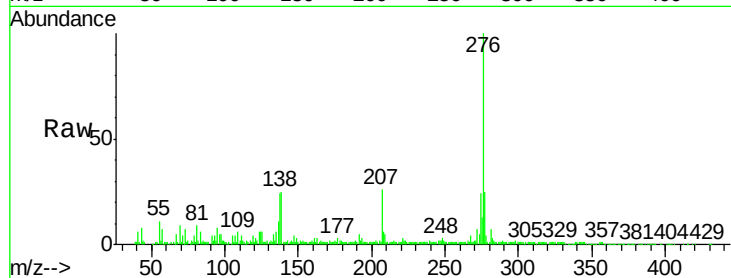
138 25.3 15.3 22.9#

277 25.2 19.0 28.4

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->

26.29

150000

100000

50000

0

26.20

26.40