

Data File : BN008457.D
Acq On : 05 Nov 2019 21:12
Operator : JU
Sample : K5567-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNC7

Quant Time: Nov 06 00:59:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 00:56:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1420	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	6233	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3771	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.95
16) Chrysene-d12	21.16	240	6498	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	7586	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2767	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	8536	0.00	ng/ul	0.00

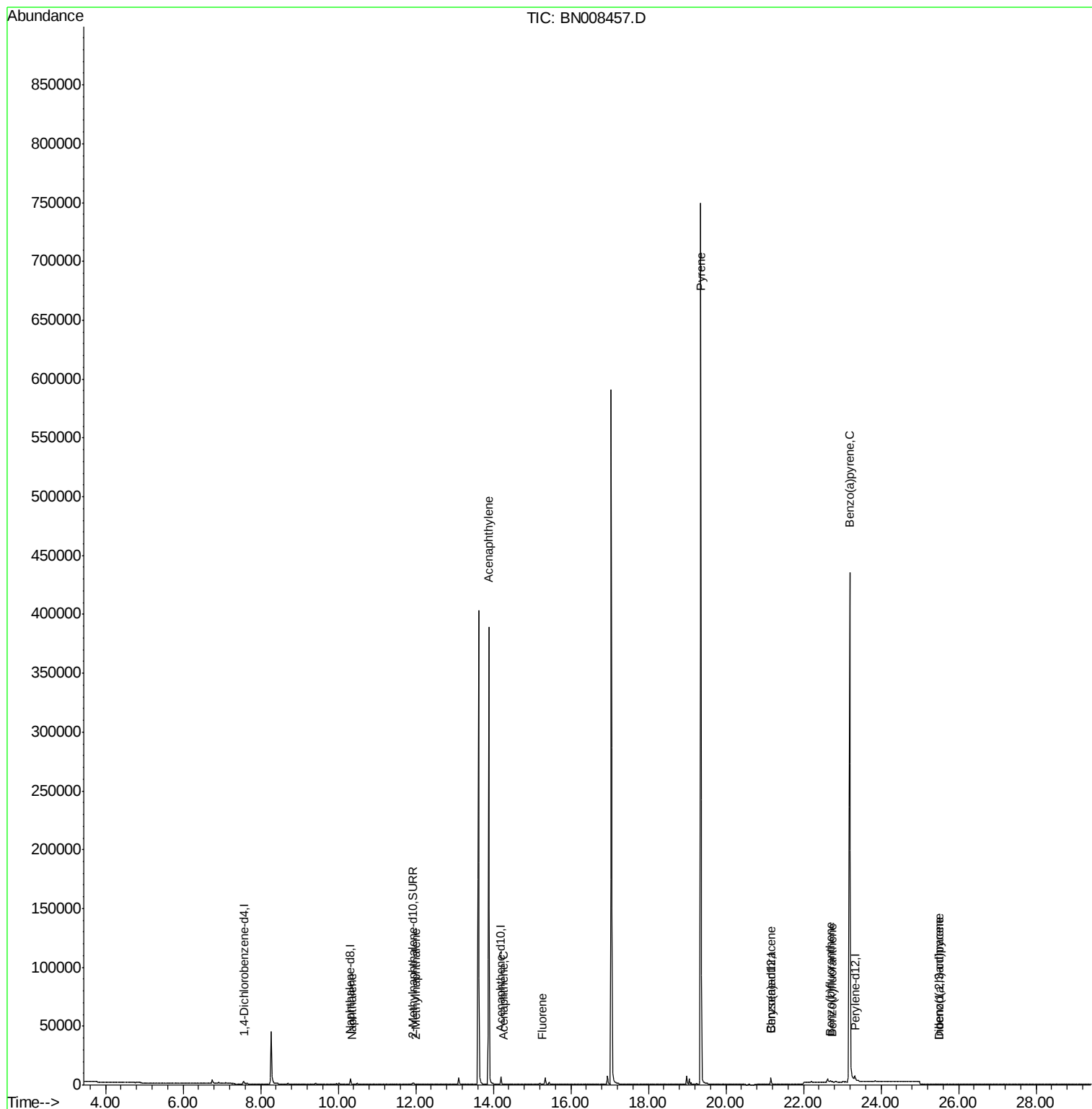
Target Compounds				Qvalue		
3) Naphthalene	10.37	128	101	0.005	ng/ul#	1
5) 2-Methylnaphthalene	12.01	142	72	0.021	ng/ul	97
7) Acenaphthylene	13.88	152	56	0.034	ng/ul#	1
8) Acenaphthene	14.26	153	13	0.018	ng/ul#	68
9) Fluorene	15.25	166	34	0.032	ng/ul#	76
17) Pyrene	19.35	202	1131	0.024	ng/ul#	1
18) Benzo(a)anthracene	21.15	228	56	0.029	ng/ul#	1
19) Chrysene	21.20	228	58	Below Cal	#	1
21) Benzo(b)fluoranthene	22.69	252	126	0.027	ng/ul#	1
22) Benzo(k)fluoranthene	22.72	252	33	0.019	ng/ul#	1
23) Benzo(a)pyrene	23.19	252	1887	0.072	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	25.50	276	41	0.005	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.49	278	6	0.009	ng/ul#	1
26) Benzo(g,h,i)perylene	26.09	276	1	Below Cal	#	1

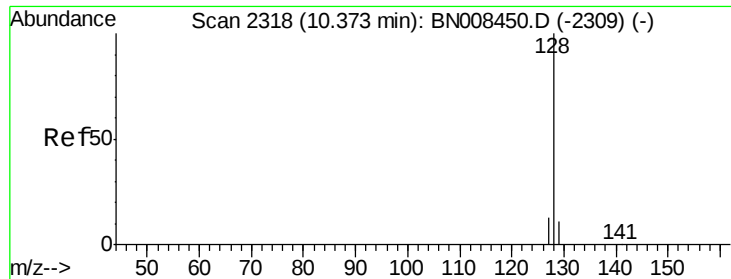
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.005 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

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Acq: 05 Nov 2019 21:12

Instrument :

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ClientSampleId :

JLNC7

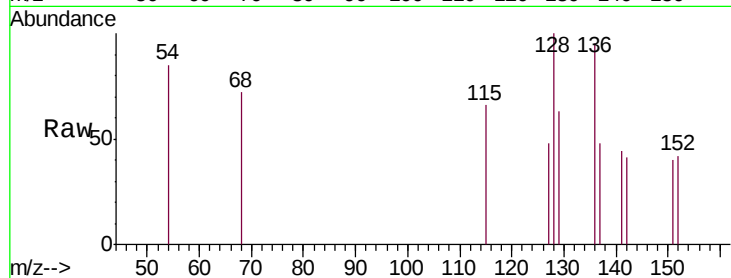
Tgt Ion:128 Resp: 101

Ion Ratio Lower Upper

128 100

129 62.8 10.2 15.2#

127 47.9 11.4 17.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.37

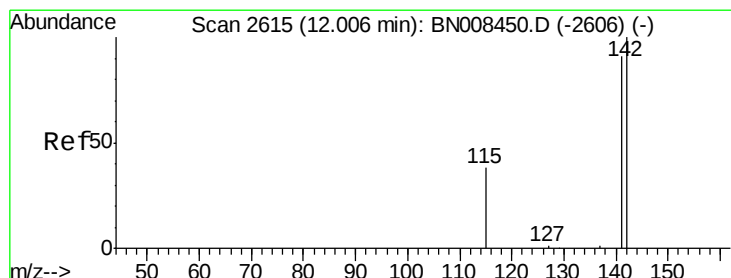
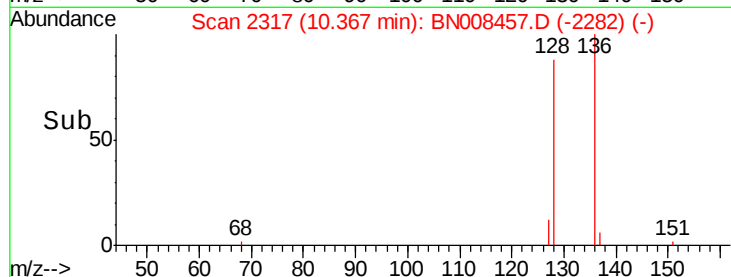
100

50

0

Time-->

10.30 10.35 10.40



#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.01 min Scan# 2615

Delta R.T. -0.00 min

Lab File: BN008457.D

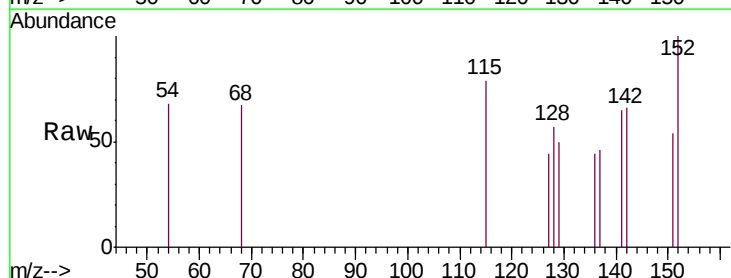
Acq: 05 Nov 2019 21:12

Tgt Ion:142 Resp: 72

Ion Ratio Lower Upper

142 100

141 87.5 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.01

80

60

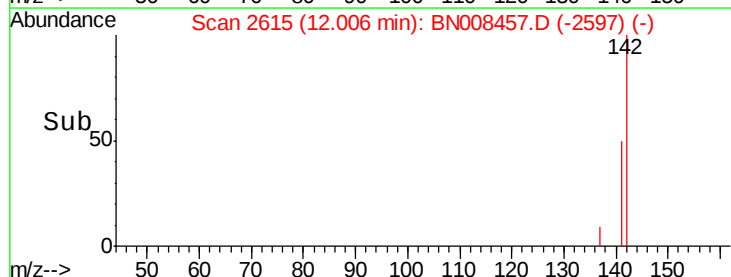
40

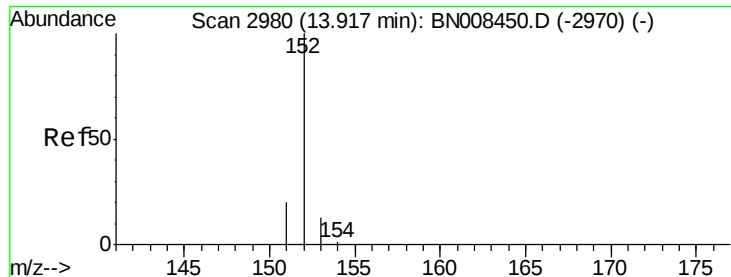
20

0

Time-->

12.00 12.10





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 13.88 min Scan# 2973

Delta R.T. -0.03 min

Lab File: BN008457.D

Acq: 05 Nov 2019 21:12

Instrument :

BNA_N

ClientSampleId :

JLNC7

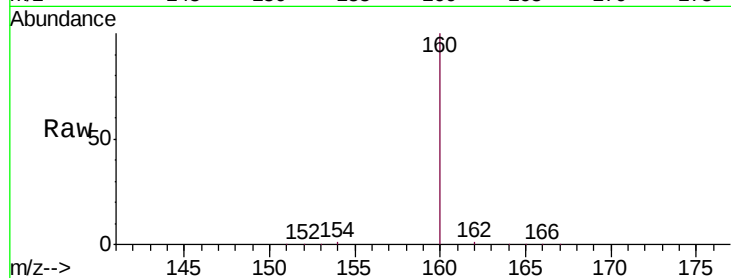
Tgt Ion:152 Resp: 56

Ion Ratio Lower Upper

152 100

151 70.1 16.6 25.0#

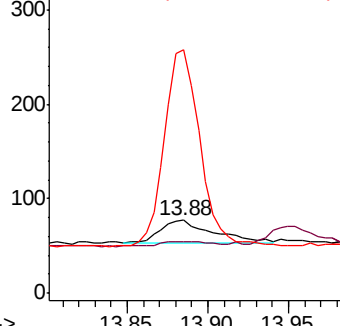
153 335.1 11.4 17.0#



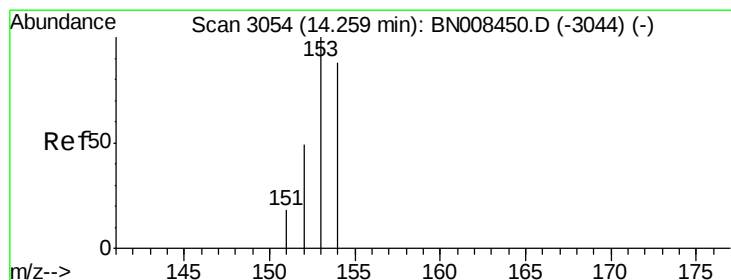
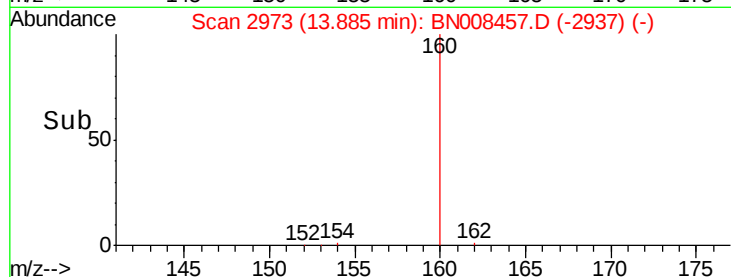
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.018 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. 0.00 min

Lab File: BN008457.D

Acq: 05 Nov 2019 21:12

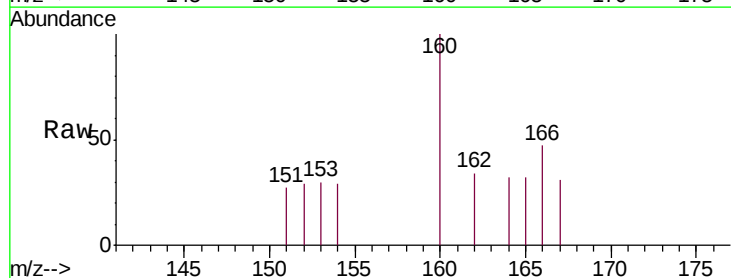
Tgt Ion:153 Resp: 13

Ion Ratio Lower Upper

153 100

152 96.6 40.2 60.2#

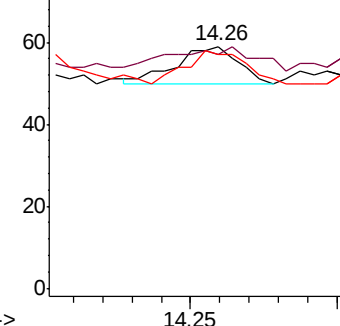
154 96.6 69.1 103.7



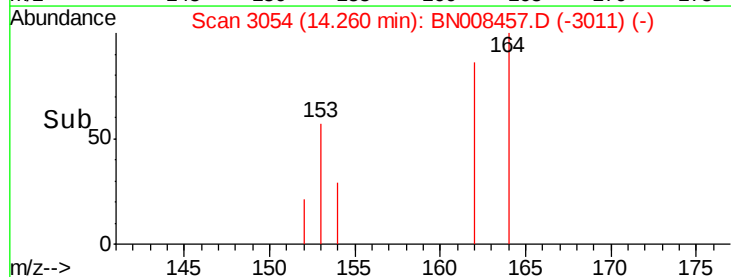
Abundance Ion 153.00 (152.70 to 153.70): E

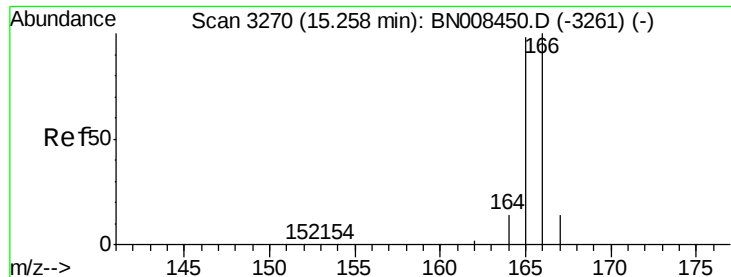
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.032 ng/ul

RT: 15.25 min Scan# 3268

Delta R.T. -0.01 min

Lab File: BN008457.D

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JLNC7

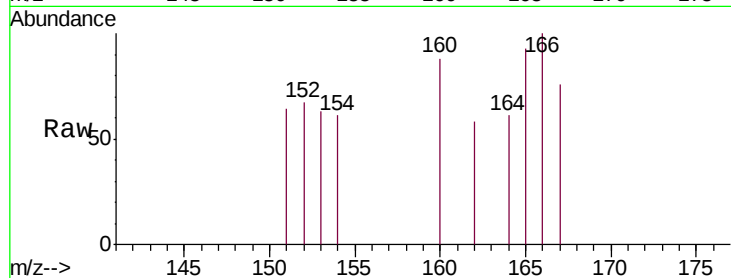
Tgt Ion:166 Resp: 34

Ion Ratio Lower Upper

166 100

165 92.9 78.5 117.7

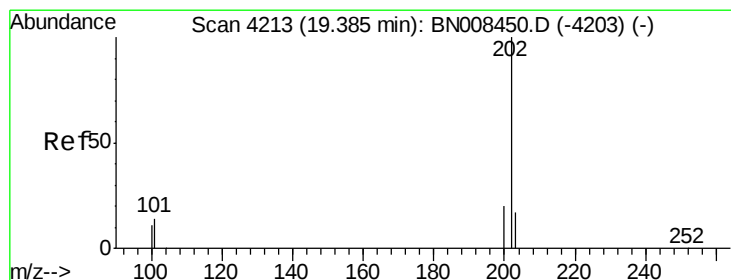
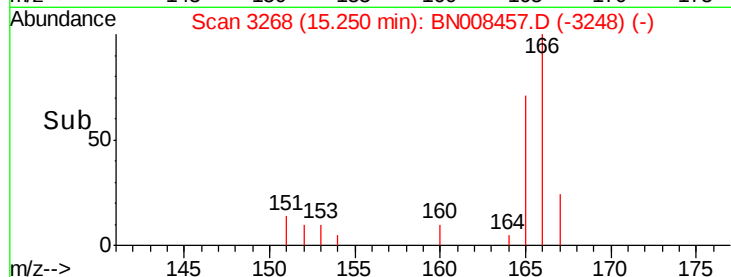
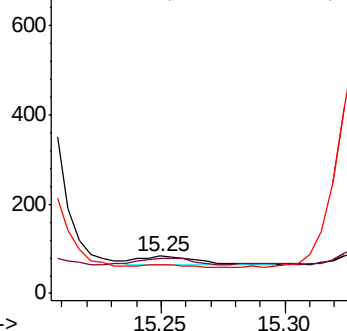
167 76.2 12.4 18.6#



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



#17

Pyrene

Concen: 0.024 ng/ul

RT: 19.35 min Scan# 4205

Delta R.T. -0.04 min

Lab File: BN008457.D

Acq: 05 Nov 2019 21:12

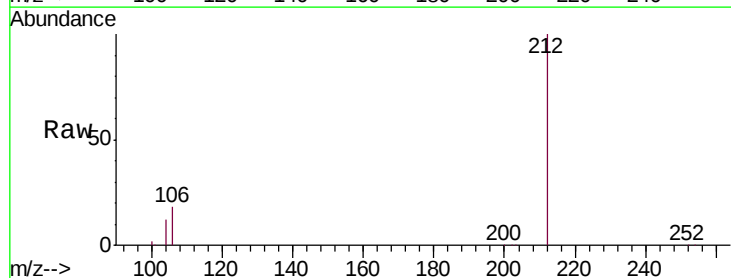
Tgt Ion:202 Resp: 1131

Ion Ratio Lower Upper

202 100

101 197.8 11.6 17.4#

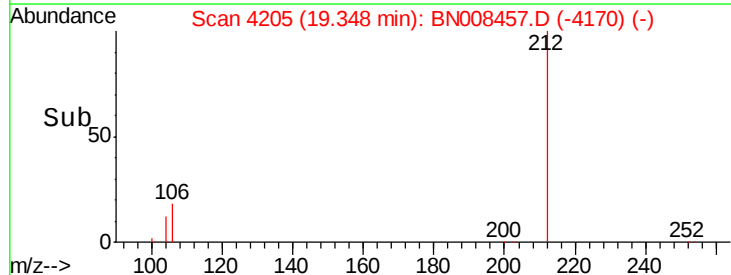
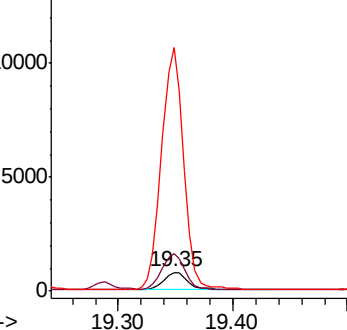
100 1296.5 9.4 14.0#

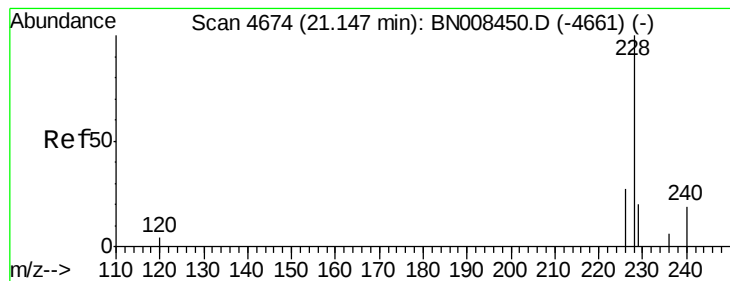


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.029 ng/ul

RT: 21.15 min Scan# 4674

Delta R.T. 0.00 min

Lab File: BN008457.D

Acq: 05 Nov 2019 21:12

Instrument :

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ClientSampleId :

JLNC7

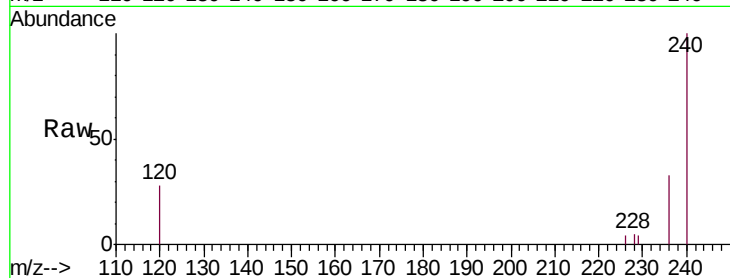
Tgt Ion:228 Resp: 56

Ion Ratio Lower Upper

228 100

229 86.7 16.8 25.2#

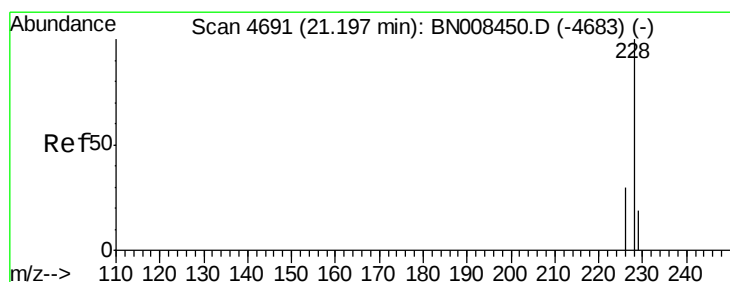
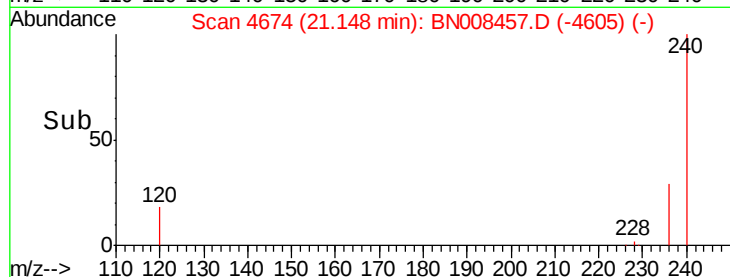
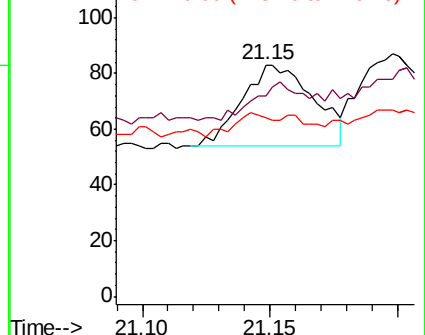
226 77.1 22.1 33.1#



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



#19

Chrysene

Concen: Below Cal

RT: 21.20 min Scan# 4691

Delta R.T. 0.00 min

Lab File: BN008457.D

Acq: 05 Nov 2019 21:12

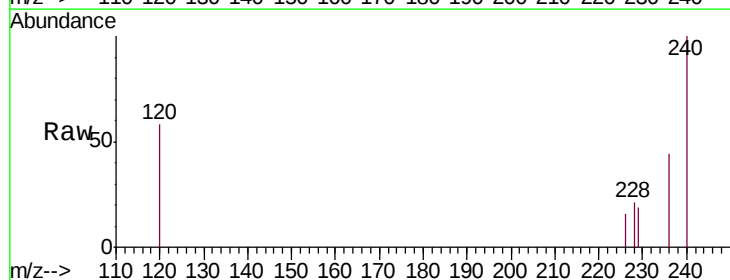
Tgt Ion:228 Resp: 58

Ion Ratio Lower Upper

228 100

226 77.0 24.6 37.0#

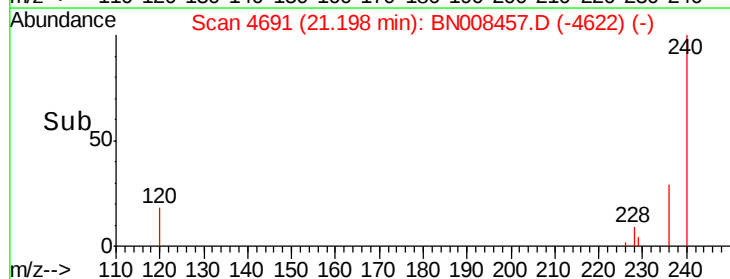
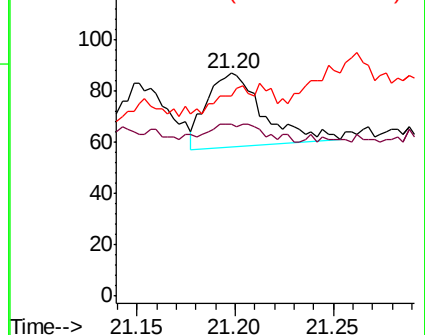
229 89.7 16.6 24.8#

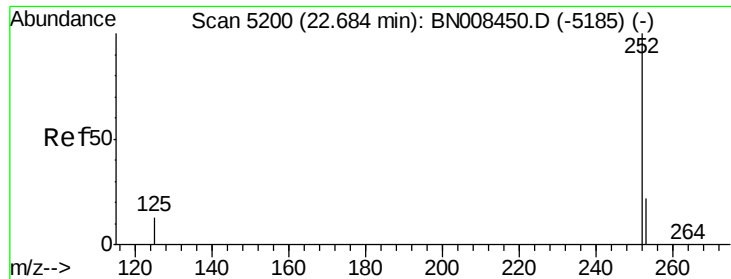


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.027 ng/ul

RT: 22.69 min Scan# 5202

Delta R.T. 0.01 min

Lab File: BN008457.D

Acq: 05 Nov 2019 21:12

Instrument :

BNA_N

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JLNC7

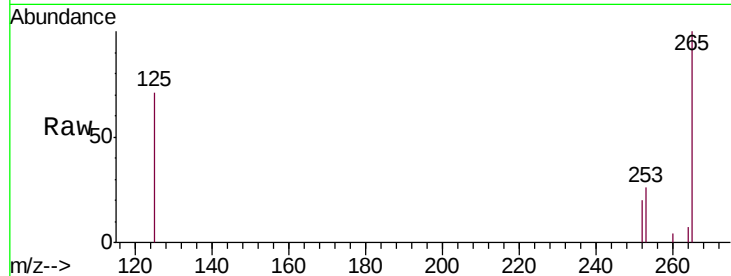
Tgt Ion:252 Resp: 126

Ion Ratio Lower Upper

252 100

253 133.3 0.0 59.6#

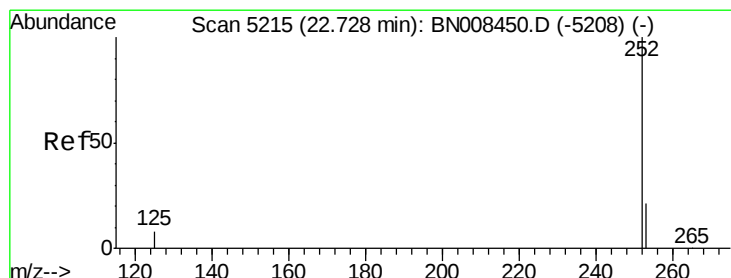
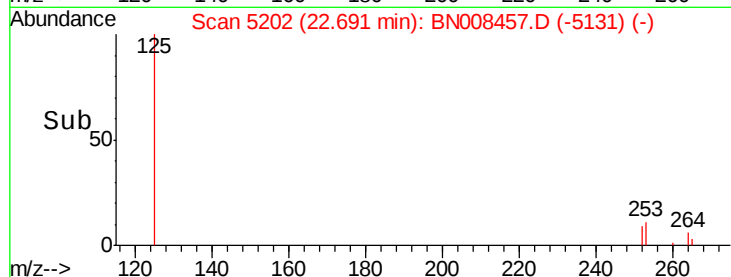
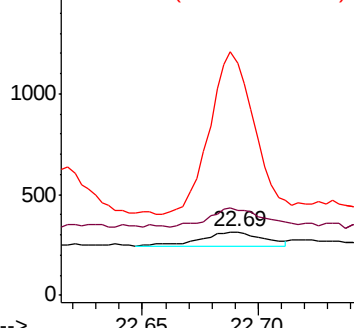
125 366.0 0.0 40.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.019 ng/ul

RT: 22.72 min Scan# 5213

Delta R.T. -0.01 min

Lab File: BN008457.D

Acq: 05 Nov 2019 21:12

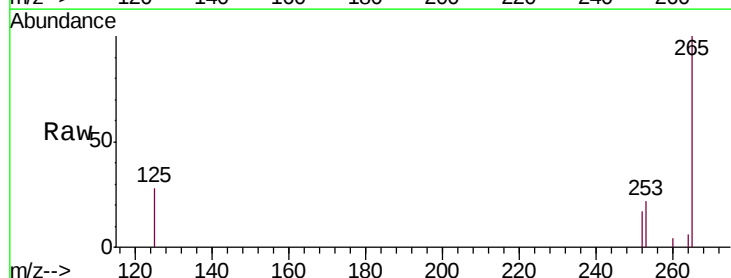
Tgt Ion:252 Resp: 33

Ion Ratio Lower Upper

252 100

253 130.2 24.3 36.5#

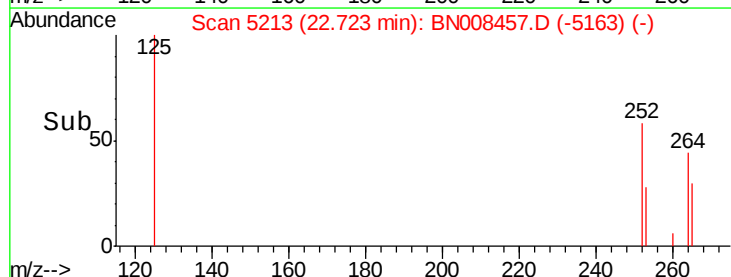
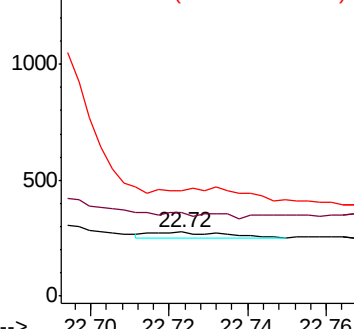
125 165.1 15.8 23.8#

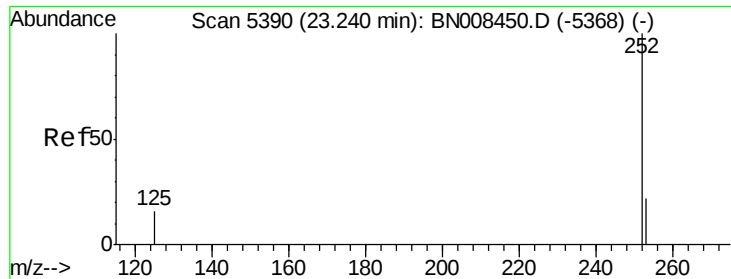


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.072 ng/u1

RT: 23.19 min Scan# 5371

Delta R.T. -0.05 min

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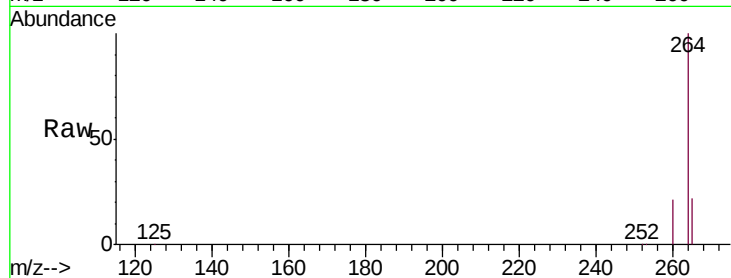
Tgt Ion:252 Resp: 1887

Ion Ratio Lower Upper

252 100

253 48.0 26.7 40.1#

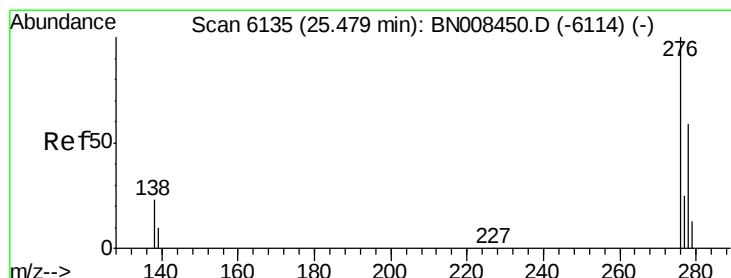
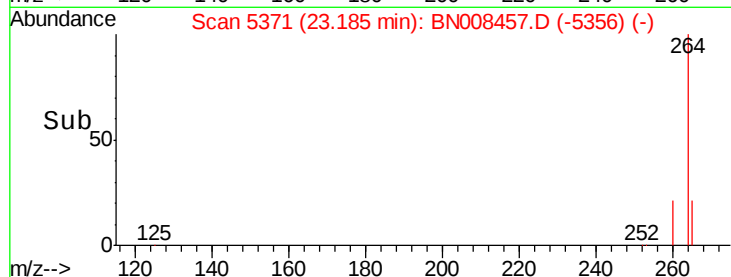
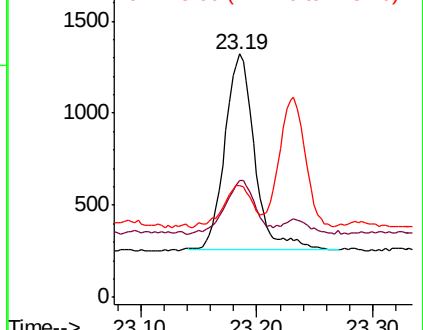
125 46.0 20.6 30.8#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.005 ng/u1

RT: 25.50 min Scan# 6141

Delta R.T. 0.02 min

Lab File: BN008457.D

Acq: 05 Nov 2019 21:12

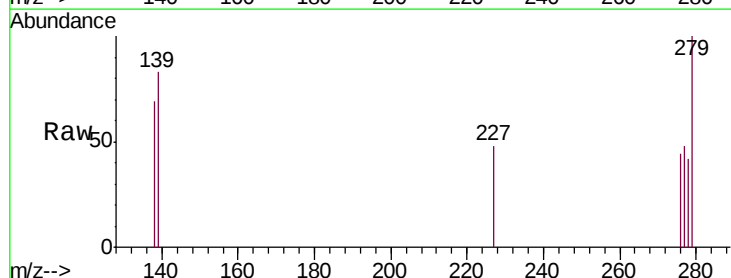
Tgt Ion:276 Resp: 41

Ion Ratio Lower Upper

276 100

138 187.8 19.4 29.0#

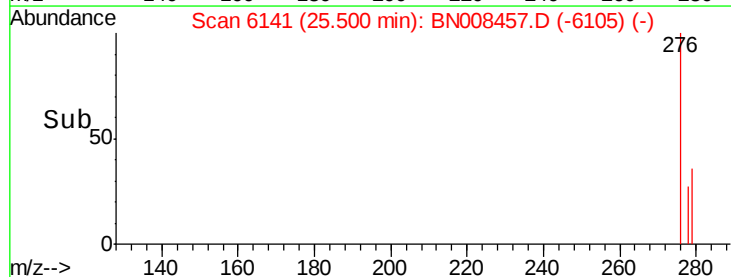
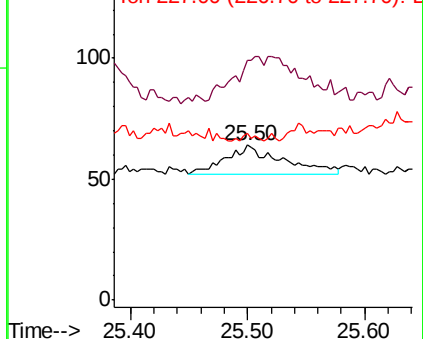
227 4.9 0.2 0.2#

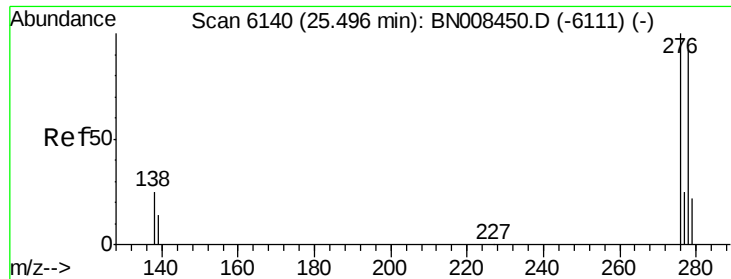


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.009 ng/ul

RT: 25.49 min Scan# 6139

Delta R.T. -0.00 min

Lab File: BN008457.D

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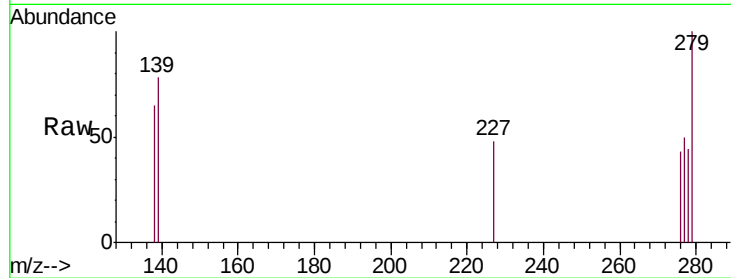
Tgt Ion: 278 Resp: 6

Ion Ratio Lower Upper

278 100

139 175.4 17.8 26.6#

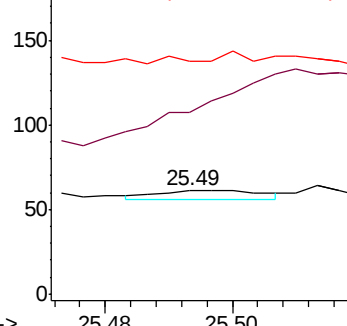
279 226.2 26.6 40.0#



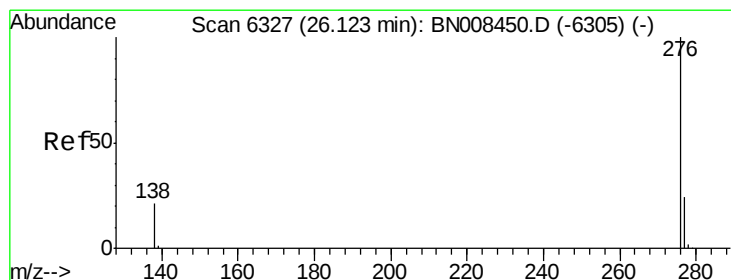
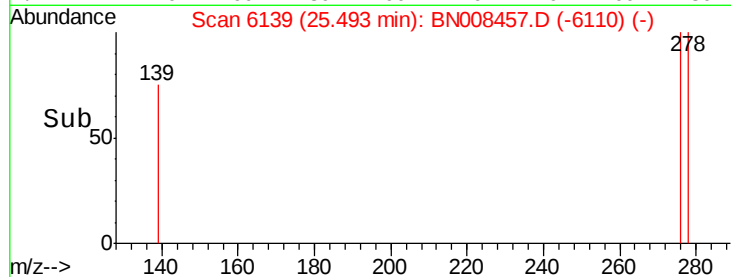
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: Below Cal

RT: 26.09 min Scan# 6318

Delta R.T. -0.03 min

Lab File: BN008457.D

Acq: 05 Nov 2019 21:12

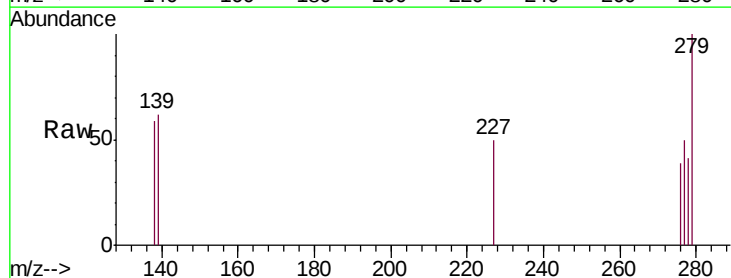
Tgt Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

138 151.9 19.9 29.9#

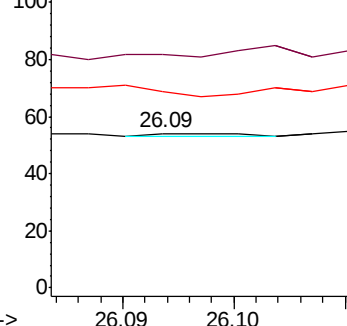
277 127.8 20.9 31.3#



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-->

