

Data File : BN008458.D
Acq On : 05 Nov 2019 21:48
Operator : JU
Sample : K5567-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLND0

Quant Time: Nov 06 01:00:03 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	1494	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	6708	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3931	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	6382	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	6919	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2047	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	5660	0.00	ng/ul	0.00

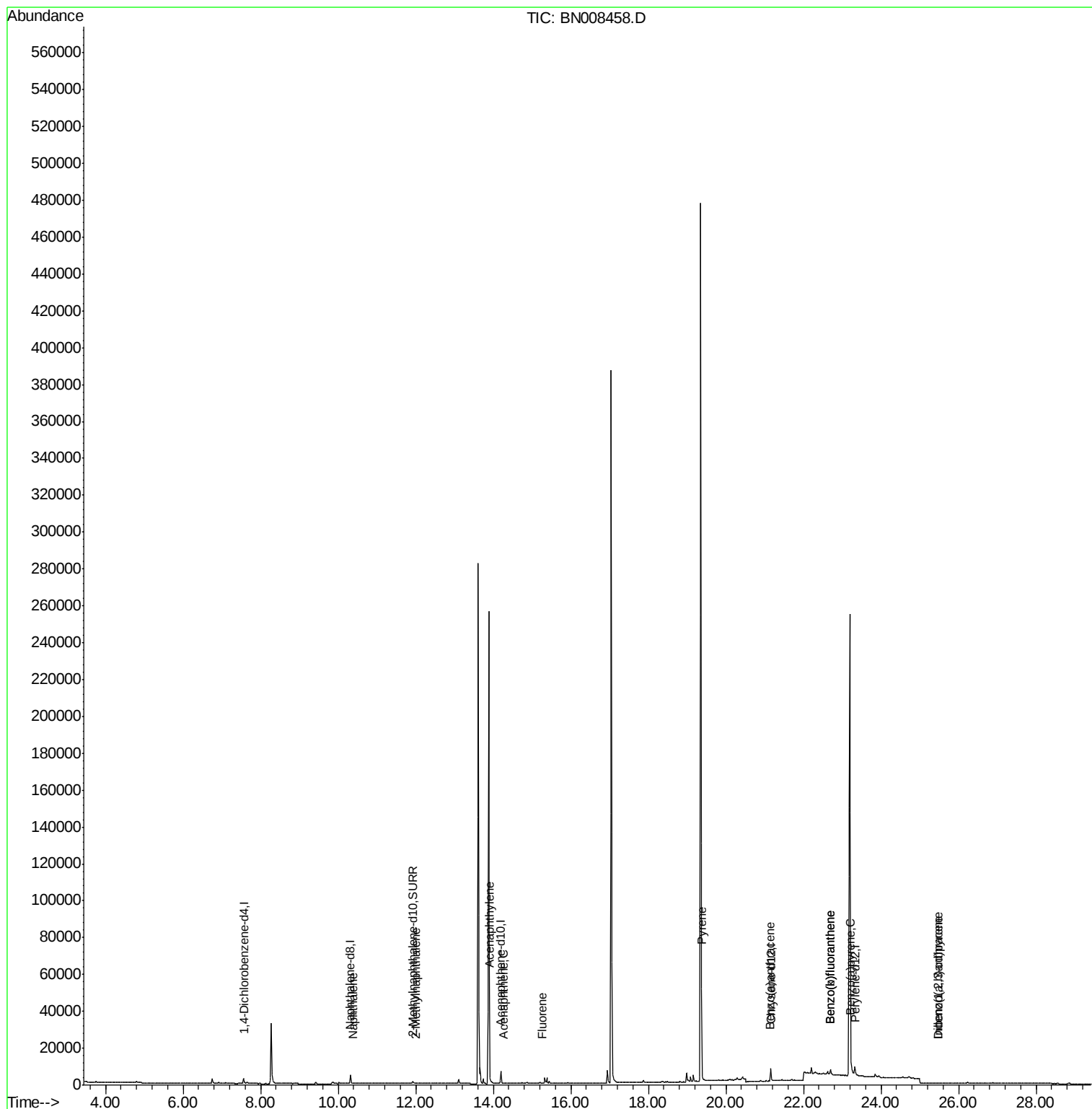
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.37	128	312	0.016	ng/ul#	46
5) 2-Methylnaphthalene	12.00	142	162	0.027	ng/ul	91
7) Acenaphthylene	13.91	152	39	0.033	ng/ul#	1
8) Acenaphthene	14.26	153	45	0.020	ng/ul#	80
9) Fluorene	15.25	166	47	0.033	ng/ul#	67
17) Pyrene	19.38	202	687	0.010	ng/ul#	28
18) Benzo(a)anthracene	21.14	228	96	0.031	ng/ul#	1
19) Chrysene	21.17	228	86	Below Cal	#	1
21) Benzo(b)fluoranthene	22.69	252	490	0.041	ng/ul#	1
22) Benzo(k)fluoranthene	22.69	252	490	0.034	ng/ul#	1
23) Benzo(a)pyrene	23.23	252	195	0.014	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.47	276	79	0.006	ng/ul#	62
25) Dibenzo(a,h)anthracene	25.48	278	27	0.010	ng/ul#	1
26) Benzo(g,h,i)perylene	26.12	276	109	Below Cal	#	1

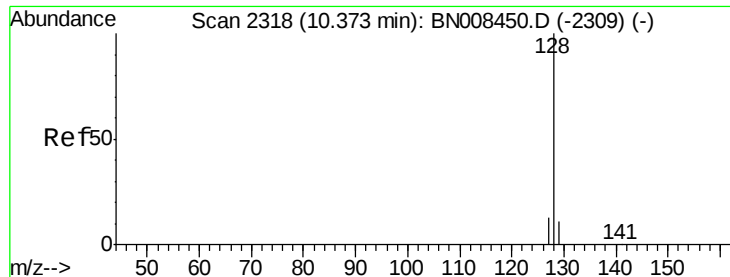
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.016 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

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Acq: 05 Nov 2019 21:48

Instrument :

BNA_N

ClientSampleId :

JLND0

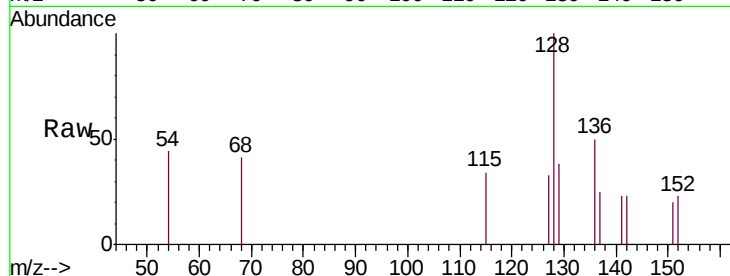
Tgt Ion:128 Resp: 312

Ion Ratio Lower Upper

128 100

129 37.5 10.2 15.2#

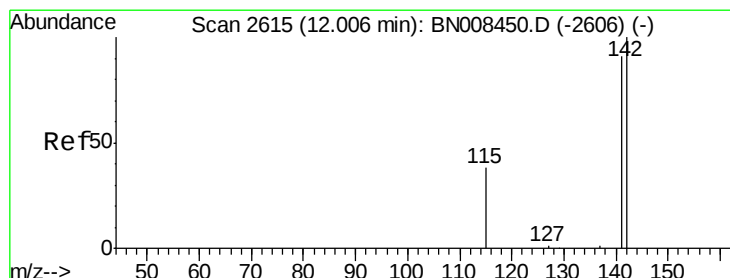
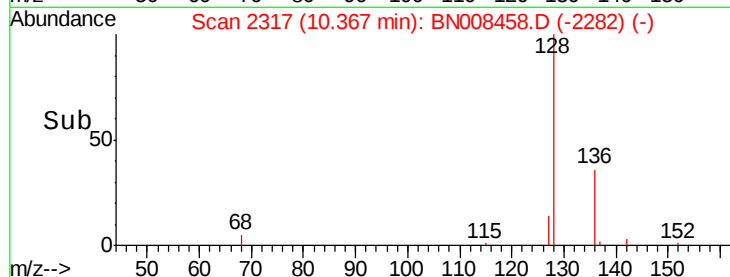
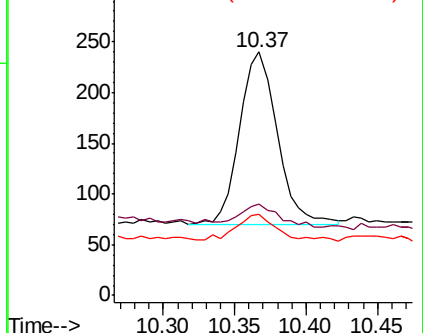
127 33.3 11.4 17.2#



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



#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.00 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BN008458.D

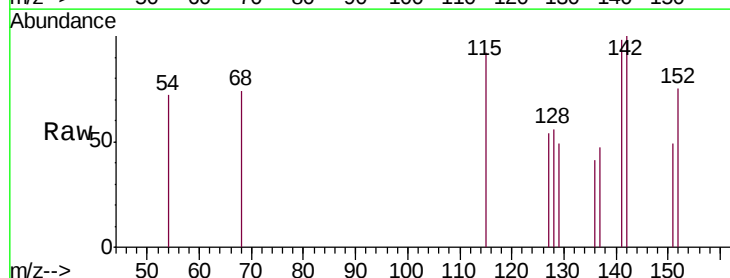
Acq: 05 Nov 2019 21:48

Tgt Ion:142 Resp: 162

Ion Ratio Lower Upper

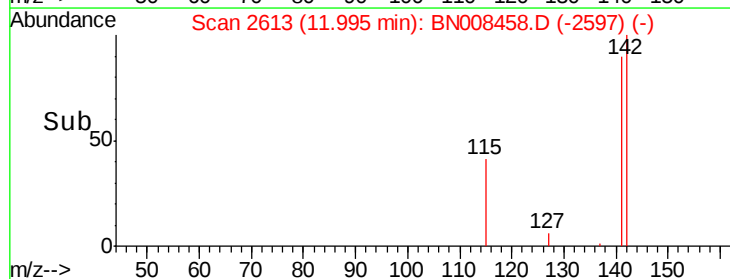
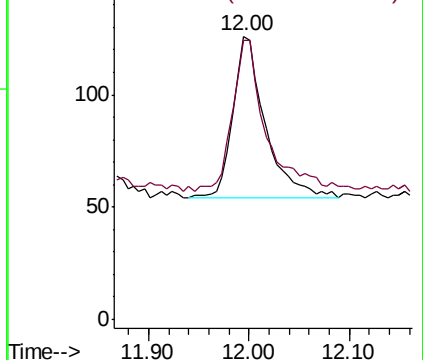
142 100

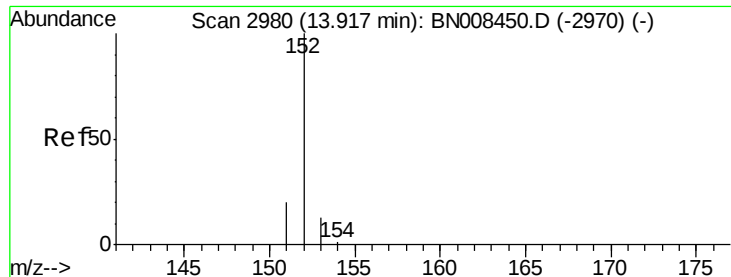
141 98.1 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BN008458.D

Acq: 05 Nov 2019 21:48

Instrument :

BNA_N

ClientSampleId :

JLND0

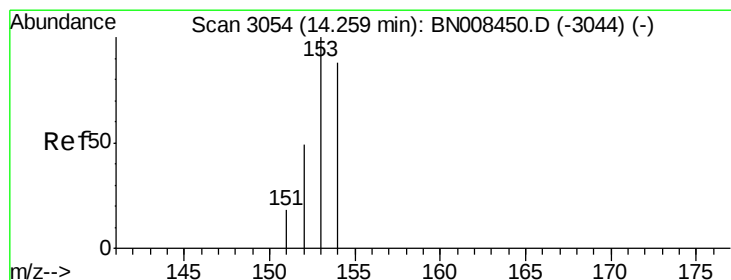
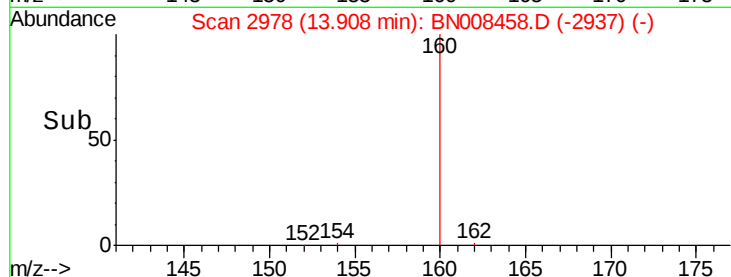
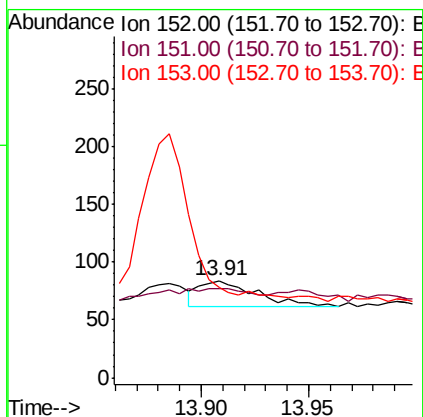
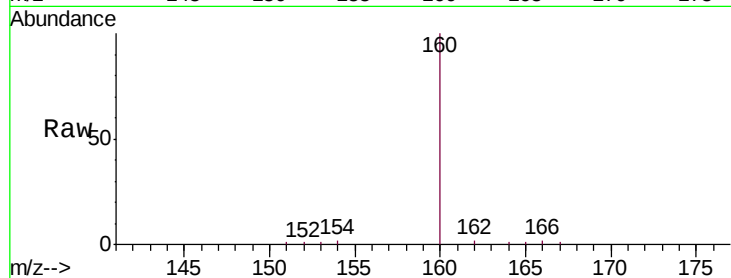
Tgt Ion:152 Resp: 39

Ion Ratio Lower Upper

152 100

151 91.7 16.6 25.0#

153 92.9 11.4 17.0#



#8

Acenaphthene

Concen: 0.020 ng/ul

RT: 14.26 min Scan# 3053

Delta R.T. -0.00 min

Lab File: BN008458.D

Acq: 05 Nov 2019 21:48

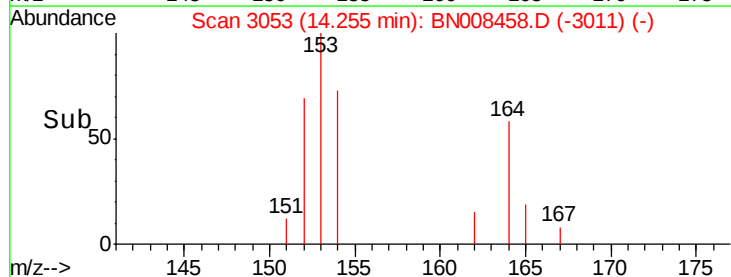
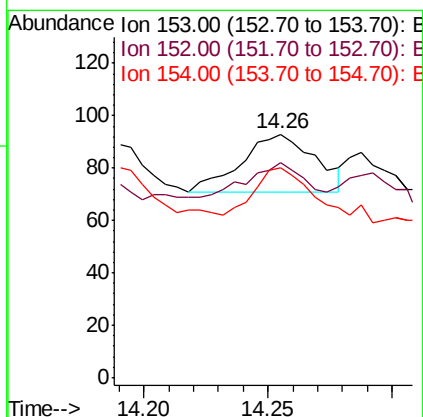
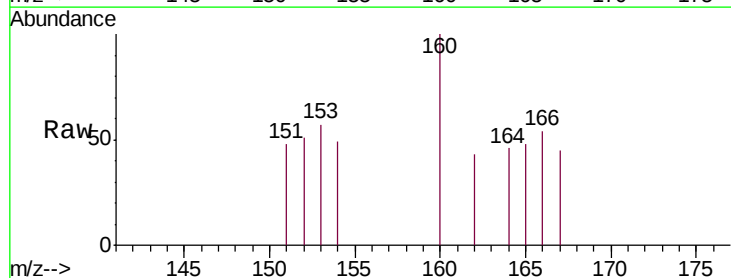
Tgt Ion:153 Resp: 45

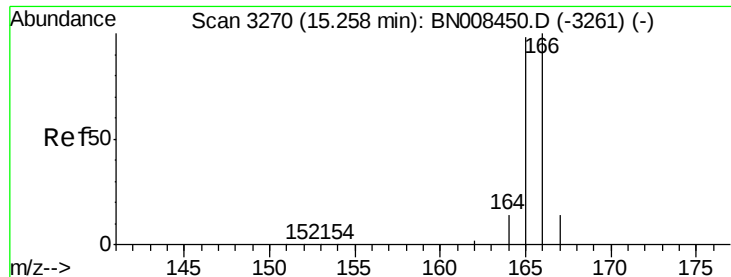
Ion Ratio Lower Upper

153 100

152 88.2 40.2 60.2#

154 86.0 69.1 103.7





#9

Fluorene

Concen: 0.033 ng/ul

RT: 15.25 min Scan# 3268

Delta R.T. -0.01 min

Lab File: BN008458.D

Acq: 05 Nov 2019 21:48

Instrument :

BNA_N

ClientSampleId :

JLND0

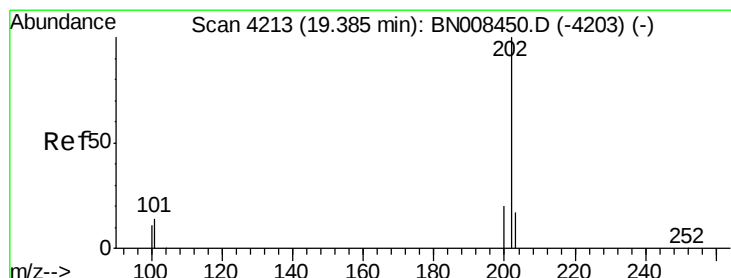
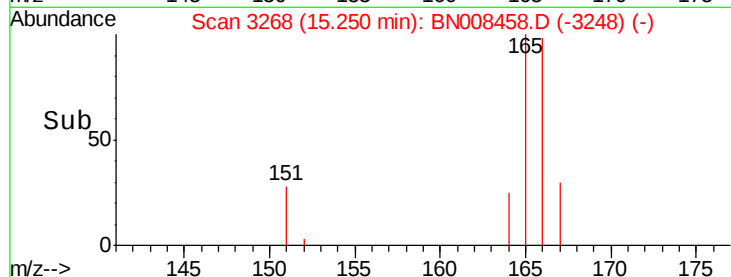
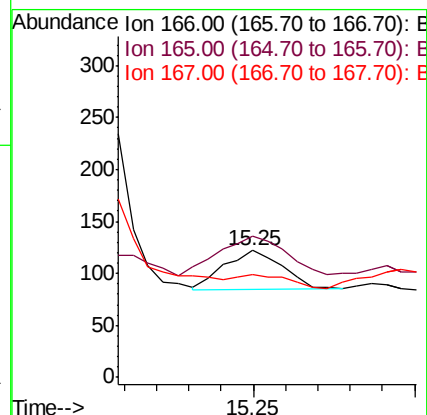
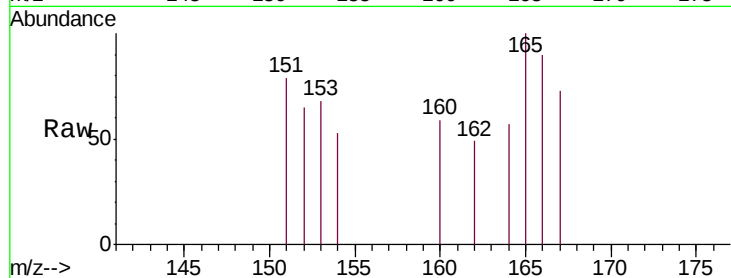
Tgt Ion:166 Resp: 47

Ion Ratio Lower Upper

166 100

165 111.5 78.5 117.7

167 81.1 12.4 18.6#



#17

Pyrene

Concen: 0.010 ng/ul

RT: 19.38 min Scan# 4211

Delta R.T. -0.01 min

Lab File: BN008458.D

Acq: 05 Nov 2019 21:48

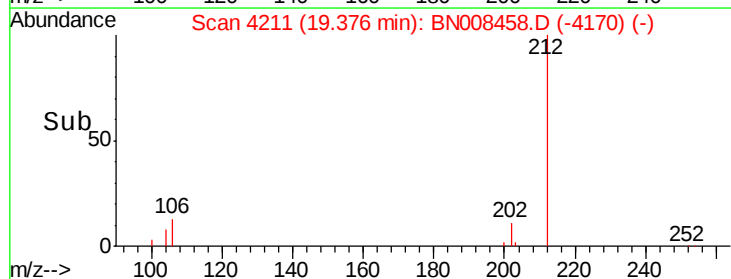
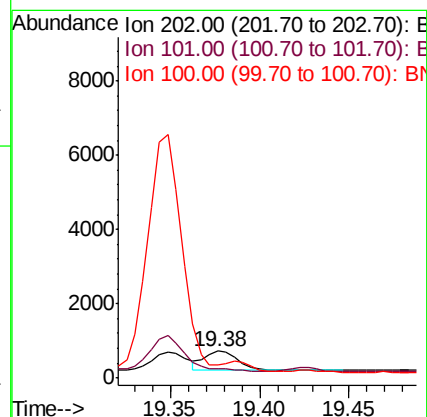
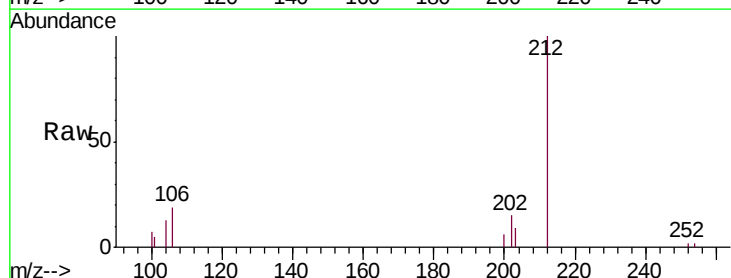
Tgt Ion:202 Resp: 687

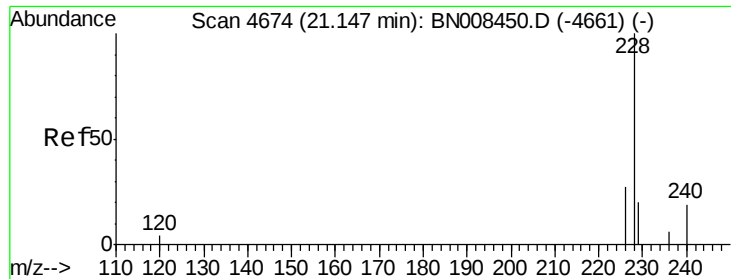
Ion Ratio Lower Upper

202 100

101 37.2 11.6 17.4#

100 47.2 9.4 14.0#





#18

Benzo(a)anthracene

Concen: 0.031 ng/ul

RT: 21.14 min Scan# 4671

Delta R.T. -0.01 min

Lab File: BN008458.D

Acq: 05 Nov 2019 21:48

Instrument :

BNA_N

ClientSampleId :

JLND0

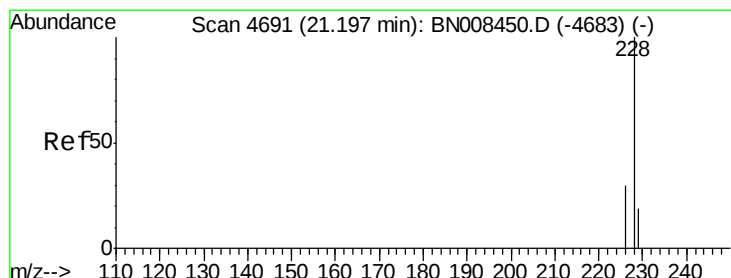
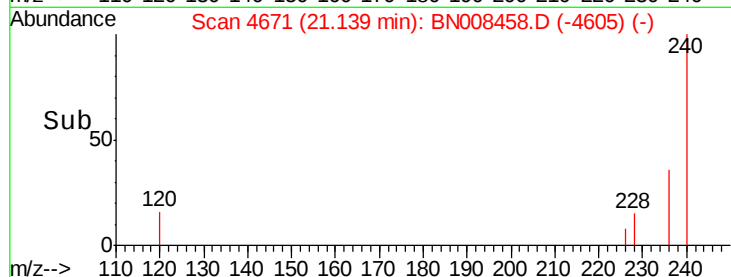
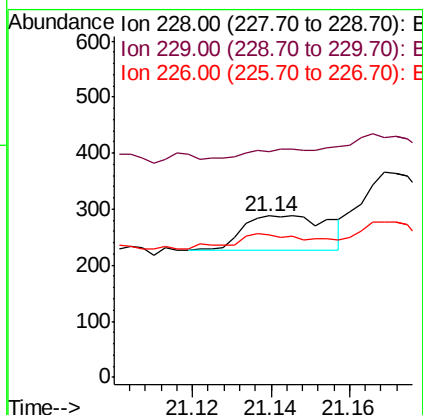
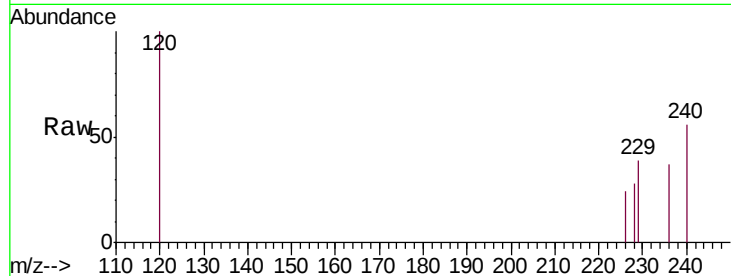
Tgt Ion:228 Resp: 96

Ion Ratio Lower Upper

228 100

229 139.6 16.8 25.2#

226 88.2 22.1 33.1#



#19

Chrysene

Concen: Below Cal

RT: 21.17 min Scan# 4681

Delta R.T. -0.03 min

Lab File: BN008458.D

Acq: 05 Nov 2019 21:48

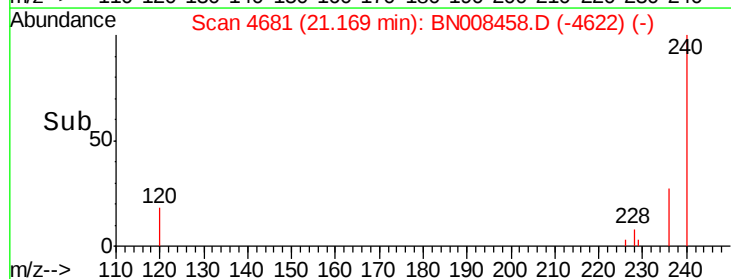
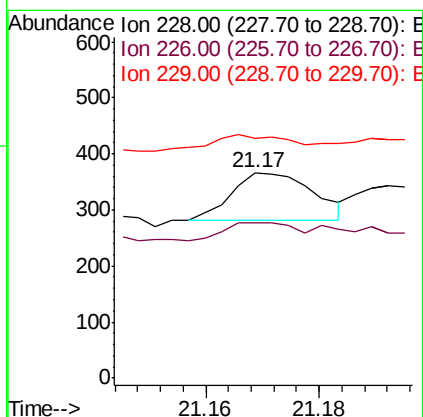
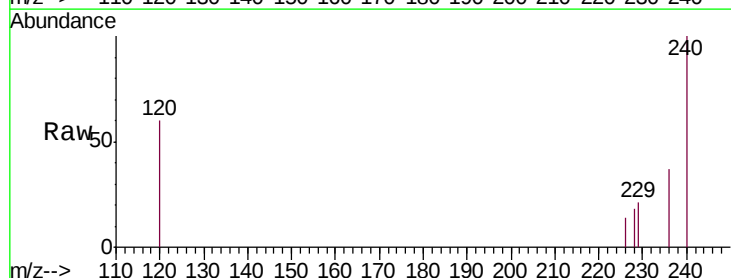
Tgt Ion:228 Resp: 86

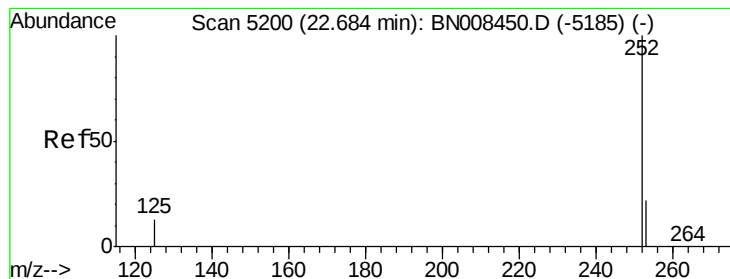
Ion Ratio Lower Upper

228 100

226 75.5 24.6 37.0#

229 116.6 16.6 24.8#





#21

Benzo(b)fluoranthene

Concen: 0.041 ng/u1

RT: 22.69 min Scan# 5202

Delta R.T. 0.01 min

Lab File: BN008458.D

Acq: 05 Nov 2019 21:48

Instrument :

BNA_N

ClientSampleId :

JLND0

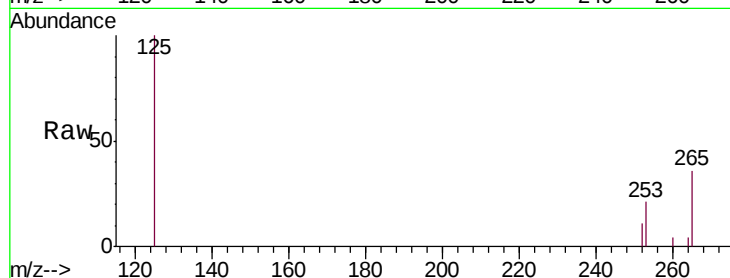
Tgt Ion:252 Resp: 490

Ion Ratio Lower Upper

252 100

253 182.0 0.0 59.6#

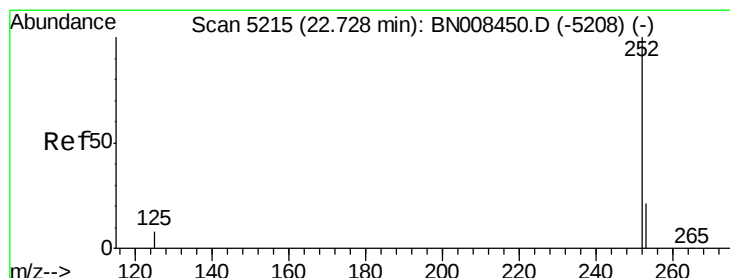
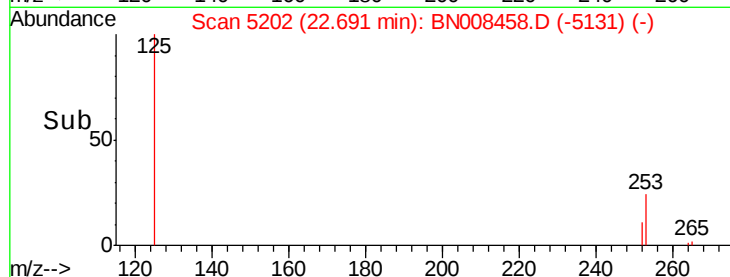
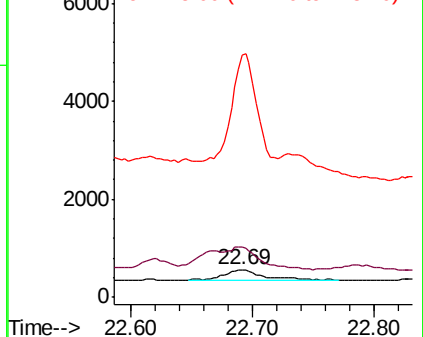
125 873.9 0.0 40.0#



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: 0.034 ng/u1

RT: 22.69 min Scan# 5202

Delta R.T. -0.04 min

Lab File: BN008458.D

Acq: 05 Nov 2019 21:48

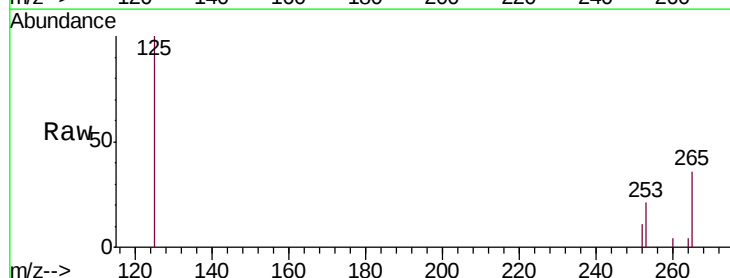
Tgt Ion:252 Resp: 490

Ion Ratio Lower Upper

252 100

253 182.0 24.3 36.5#

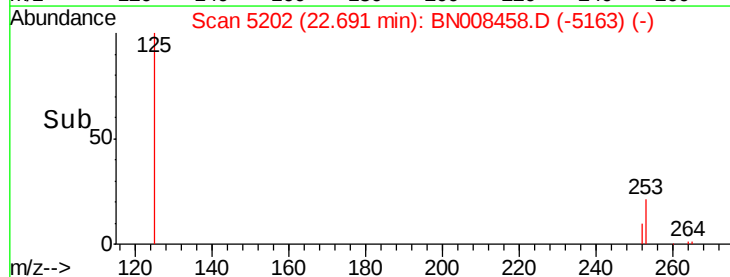
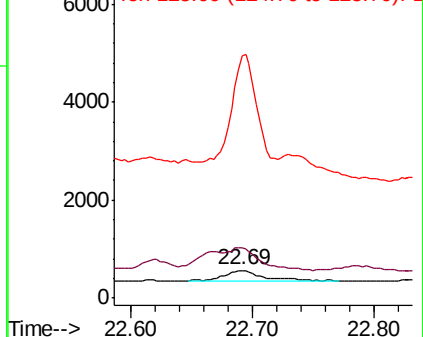
125 873.9 15.8 23.8#

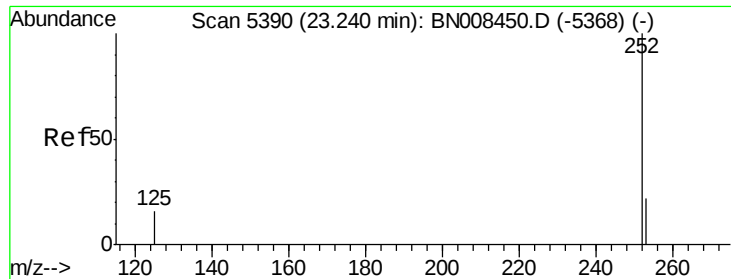


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.014 ng/ul

RT: 23.23 min Scan# 5387

Delta R.T. -0.01 min

Lab File: BN008458.D

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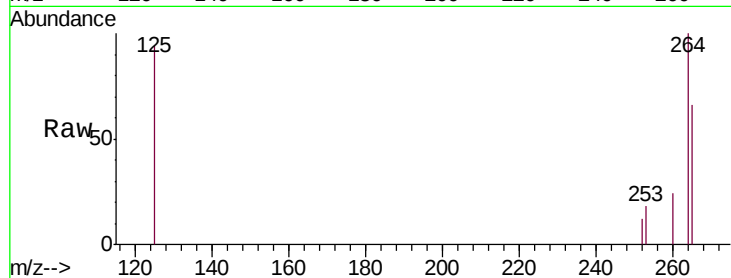
Tgt Ion:252 Resp: 195

Ion Ratio Lower Upper

252 100

253 149.2 26.7 40.1#

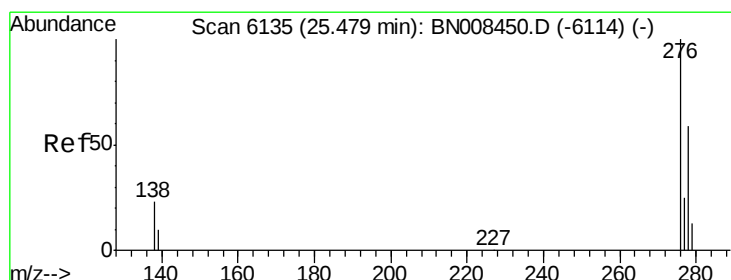
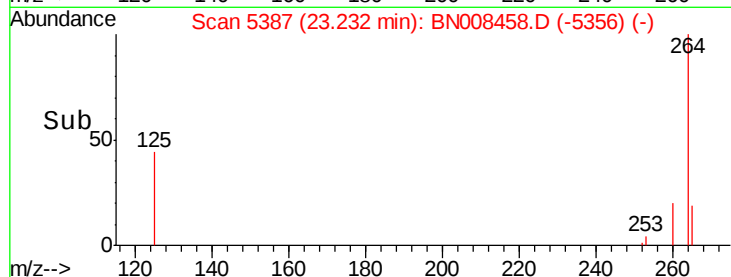
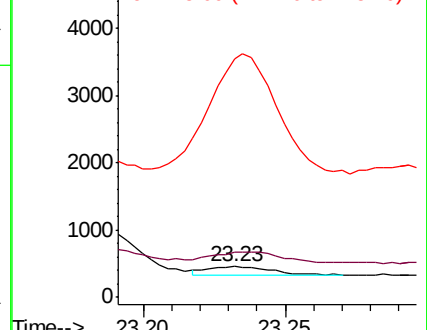
125 779.1 20.6 30.8#



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: 0.006 ng/ul

RT: 25.47 min Scan# 6133

Delta R.T. -0.01 min

Lab File: BN008458.D

Acq: 05 Nov 2019 21:48

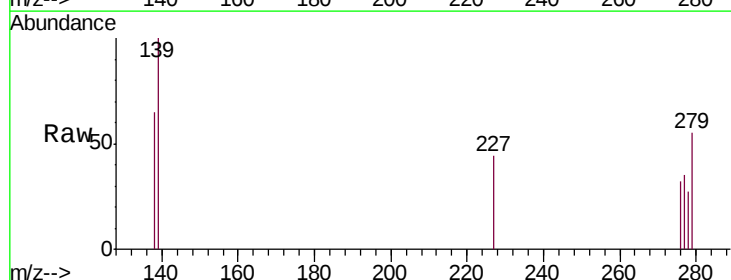
Tgt Ion:276 Resp: 79

Ion Ratio Lower Upper

276 100

138 5.1 19.4 29.0#

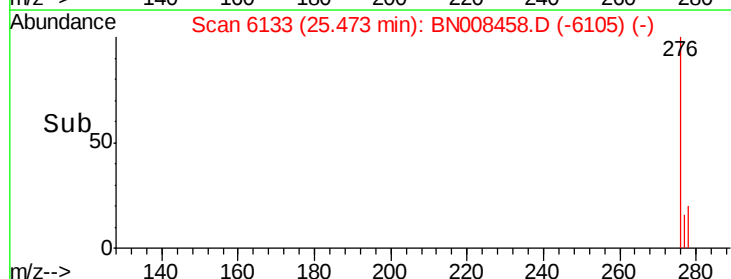
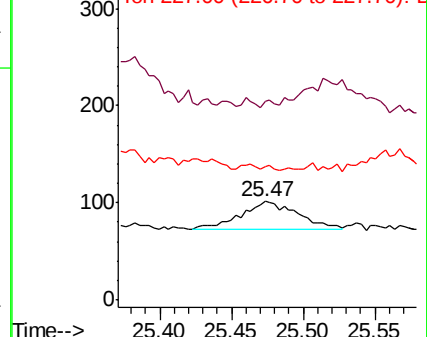
227 0.0 0.2 0.2#

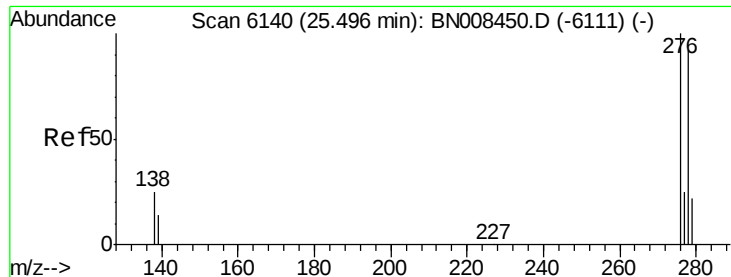


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.010 ng/ul

RT: 25.48 min Scan# 6134

Delta R.T. -0.02 min

Lab File: BN008458.D

Acq: 05 Nov 2019 21:48

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JLND0

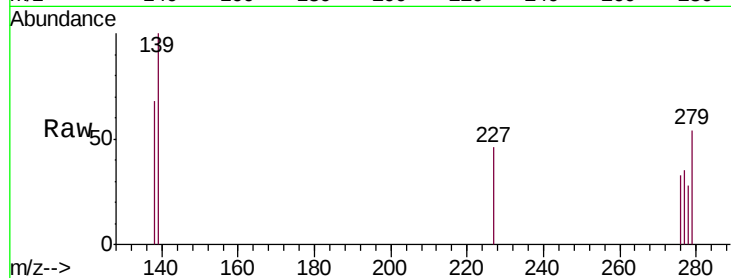
Tgt Ion: 278 Resp: 27

Ion Ratio Lower Upper

278 100

139 358.8 17.8 26.6#

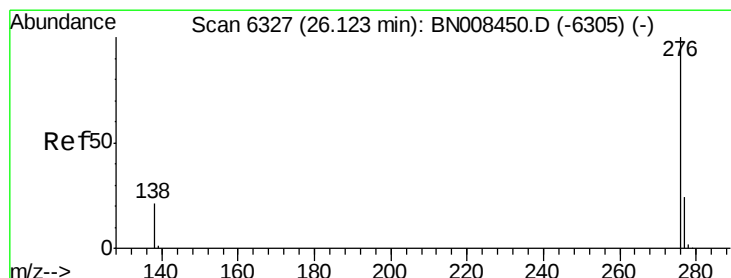
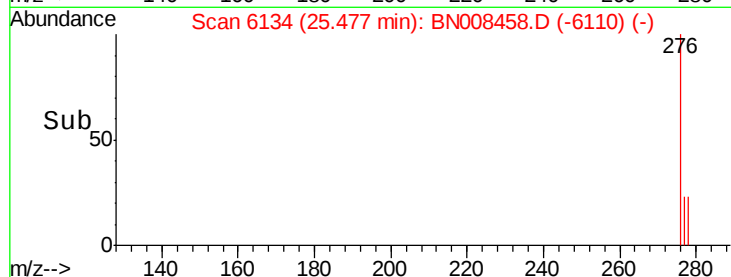
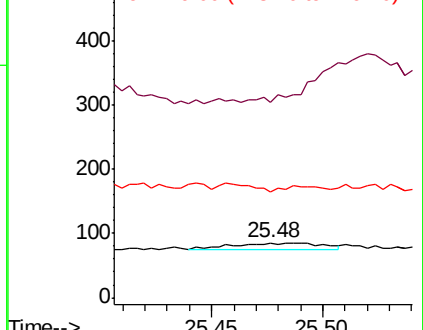
279 194.1 26.6 40.0#



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



#26

Benzo(g,h,i)perylene

Concen: Below Cal

RT: 26.12 min Scan# 6327

Delta R.T. 0.00 min

Lab File: BN008458.D

Acq: 05 Nov 2019 21:48

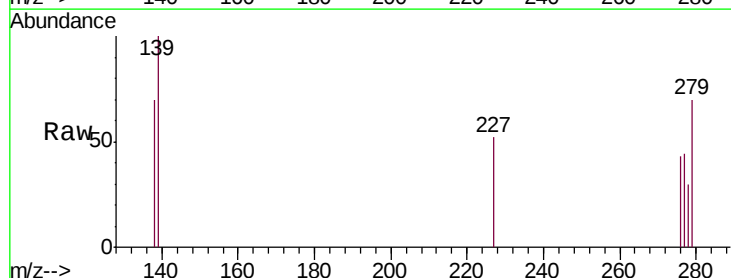
Tgt Ion: 276 Resp: 109

Ion Ratio Lower Upper

276 100

138 162.9 19.9 29.9#

277 101.9 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

