

Data File : BN008454.D
Acq On : 05 Nov 2019 19:25
Operator : JU
Sample : K5567-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNC4

Quant Time: Nov 06 00:59:27 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	1214	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	5290	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3126	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	5220	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	6585	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2628	0.32	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	8777	0.00	ng/ul	0.00

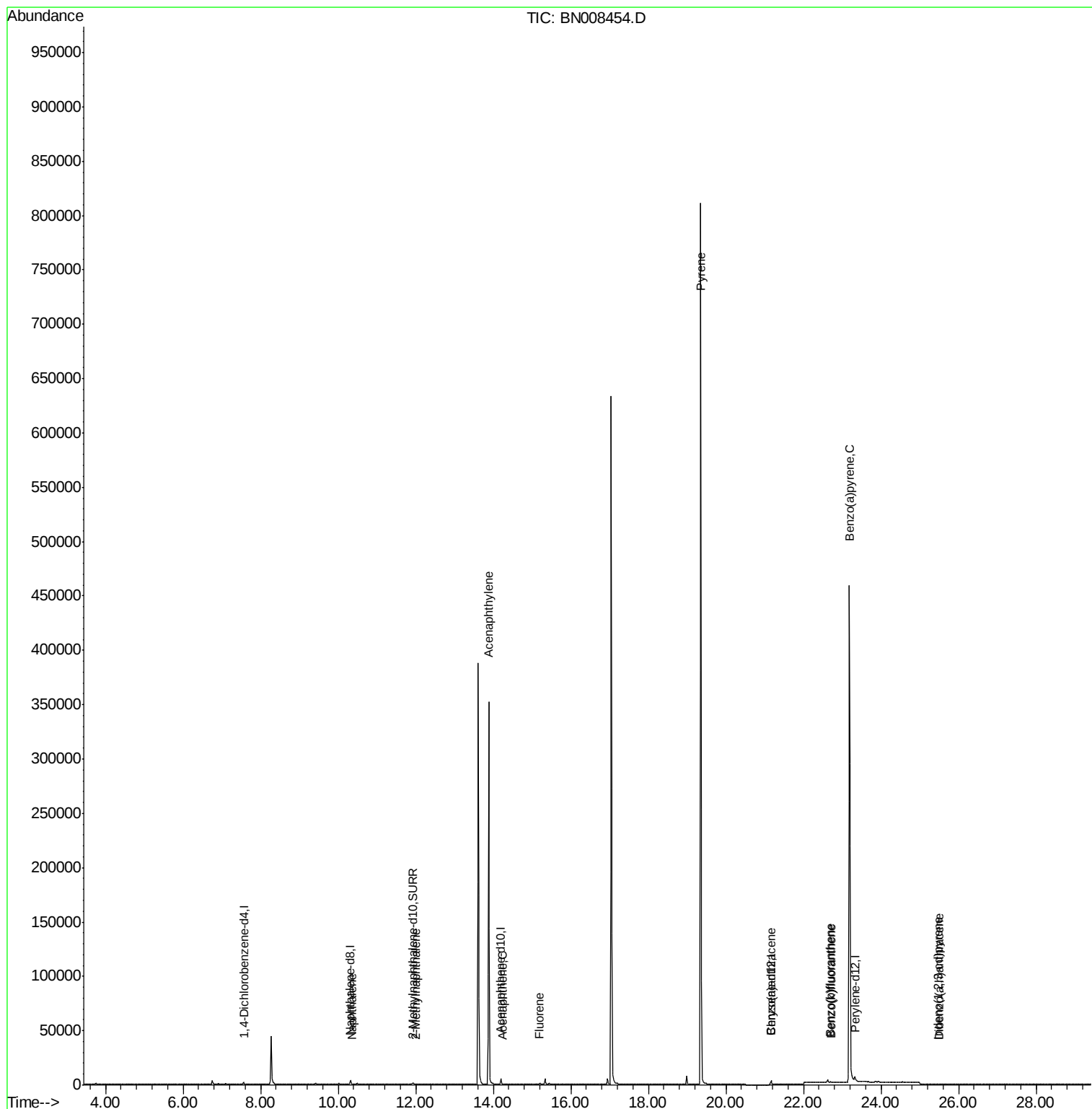
Target Compounds				Qvalue		
3) Naphthalene	10.37	128	153	0.010	ng/ul#	15
5) 2-Methylnaphthalene	12.01	142	104	0.025	ng/ul	86
7) Acenaphthylene	13.88	152	41	0.034	ng/ul#	1
8) Acenaphthene	14.26	153	11	0.018	ng/ul#	68
9) Fluorene	15.19	166	999	0.102	ng/ul#	17
17) Pyrene	19.35	202	1183	0.035	ng/ul#	1
18) Benzo(a)anthracene	21.15	228	36	0.029	ng/ul#	1
19) Chrysene	21.20	228	36	Below Cal	#	1
21) Benzo(b)fluoranthene	22.69	252	60	0.025	ng/ul#	1
22) Benzo(k)fluoranthene	22.72	252	5	0.018	ng/ul#	1
23) Benzo(a)pyrene	23.19	252	2052	0.089	ng/ul#	71
24) Indeno(1,2,3-cd)pyrene	25.47	276	5	0.004	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.49	278	4	0.009	ng/ul#	1
26) Benzo(g,h,i)perylene	26.11	276	1	Below Cal	#	1

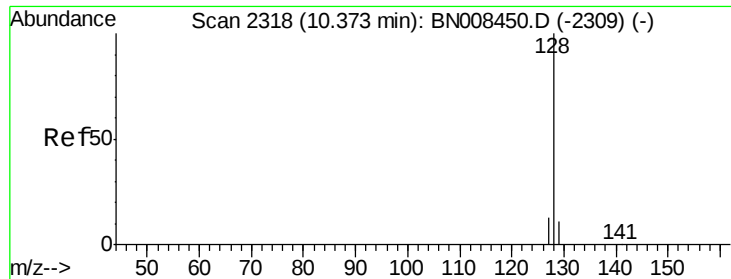
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.010 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN008454.D

Acq: 05 Nov 2019 19:25

Instrument :

BNA_N

ClientSampleId :

JLNC4

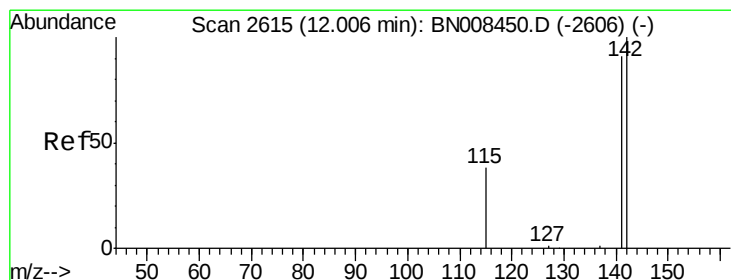
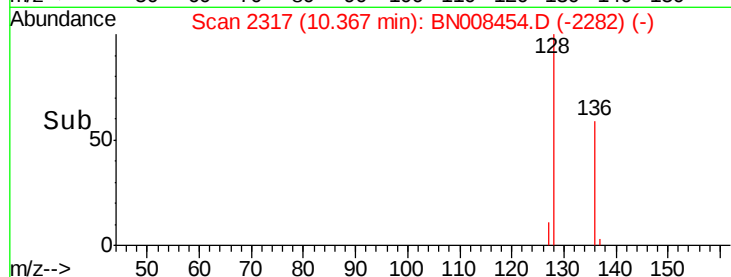
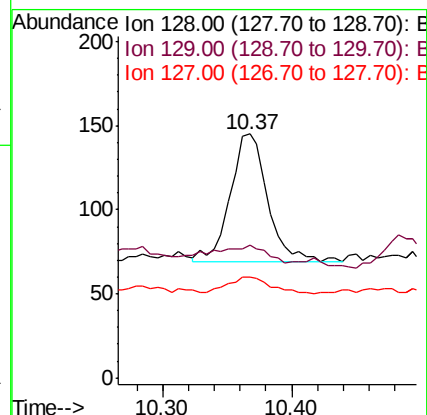
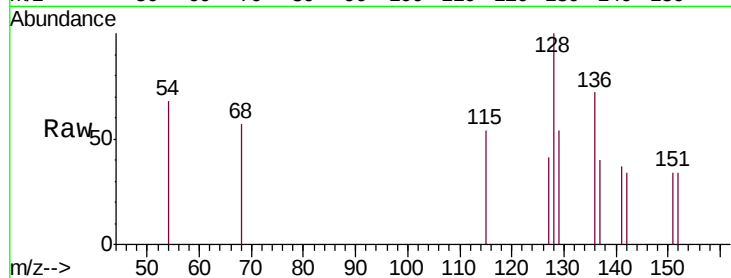
Tgt Ion:128 Resp: 153

Ion Ratio Lower Upper

128 100

129 54.5 10.2 15.2#

127 41.4 11.4 17.2#



#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.01 min Scan# 2615

Delta R.T. -0.00 min

Lab File: BN008454.D

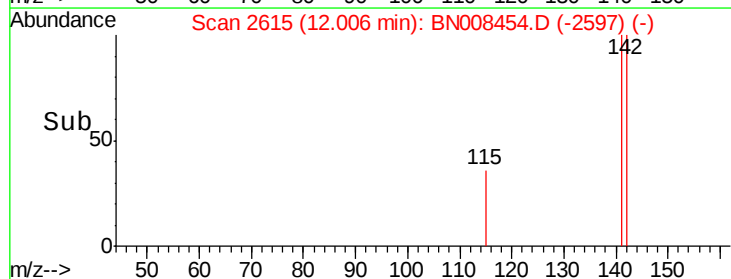
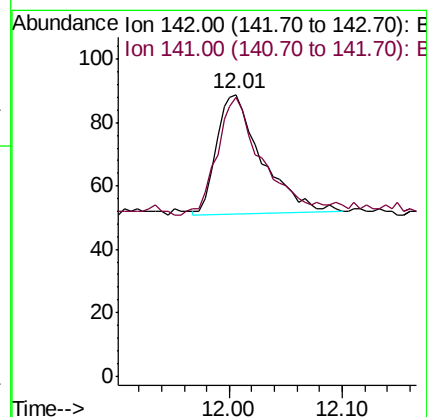
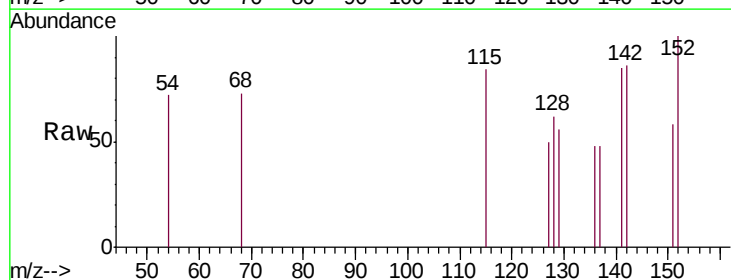
Acq: 05 Nov 2019 19:25

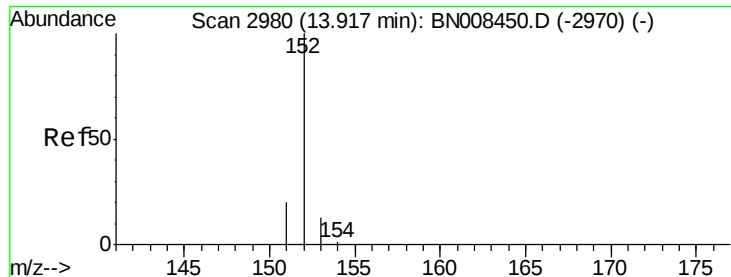
Tgt Ion:142 Resp: 104

Ion Ratio Lower Upper

142 100

141 102.9 72.1 108.1





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 13.88 min Scan# 2972

Delta R.T. -0.04 min

Lab File: BN008454.D

Acq: 05 Nov 2019 19:25

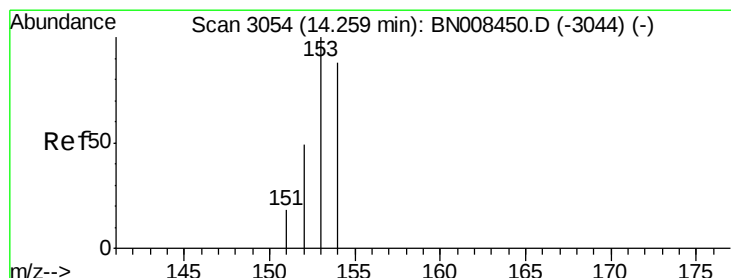
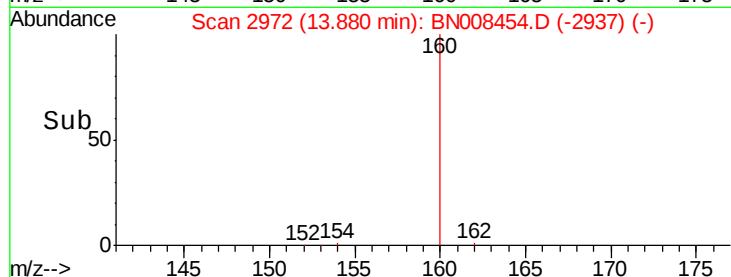
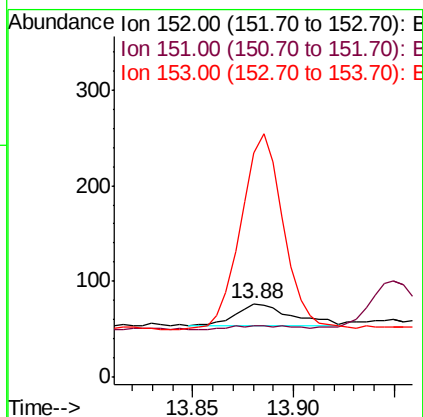
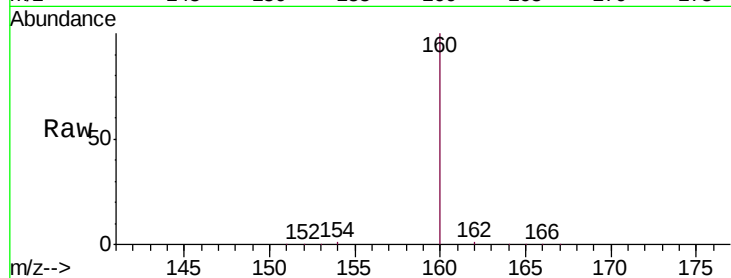
Instrument :

BNA_N

ClientSampleId :

JLNC4

Tgt Ion:	152	Resp:	41
Ion	Ratio	Lower	Upper
152	100		
151	68.8	16.6	25.0#
153	303.9	11.4	17.0#



#8

Acenaphthene

Concen: 0.018 ng/ul

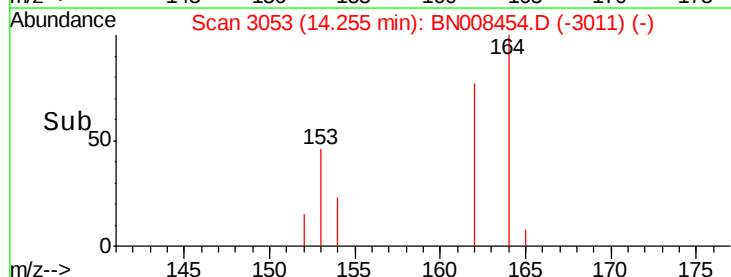
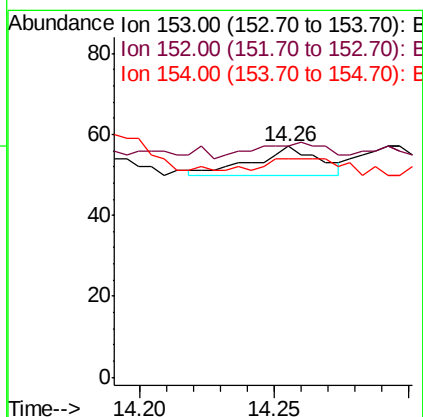
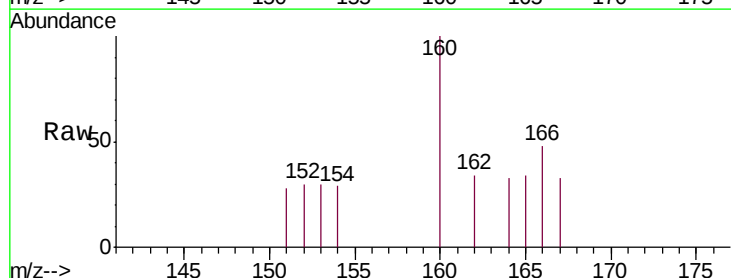
RT: 14.26 min Scan# 3053

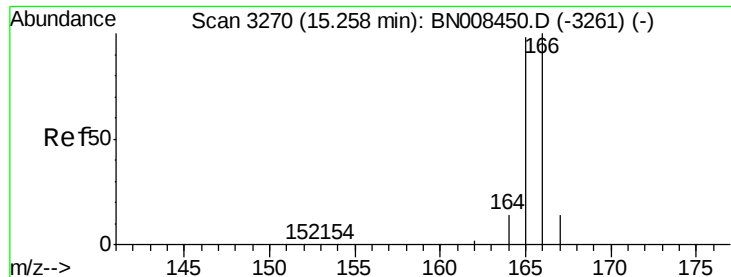
Delta R.T. -0.00 min

Lab File: BN008454.D

Acq: 05 Nov 2019 19:25

Tgt Ion:	153	Resp:	11
Ion	Ratio	Lower	Upper
153	100		
152	100.0	40.2	60.2#
154	94.7	69.1	103.7





#9

Fluorene

Concen: 0.102 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. -0.06 min

Lab File: BN008454.D

Acq: 05 Nov 2019 19:25

Instrument :

BNA_N

ClientSampleId :

JLNC4

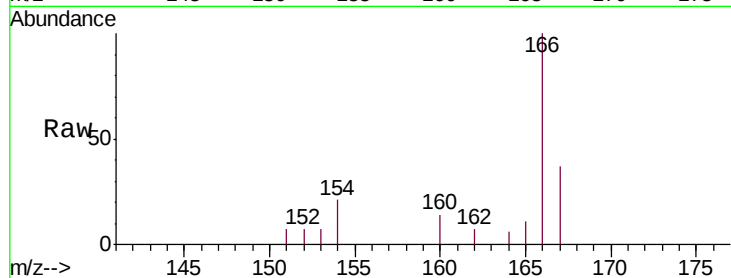
Tgt Ion:166 Resp: 999

Ion Ratio Lower Upper

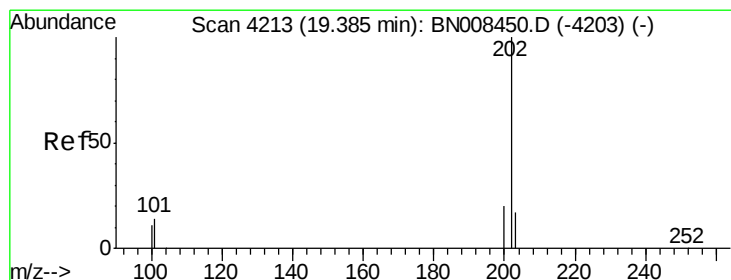
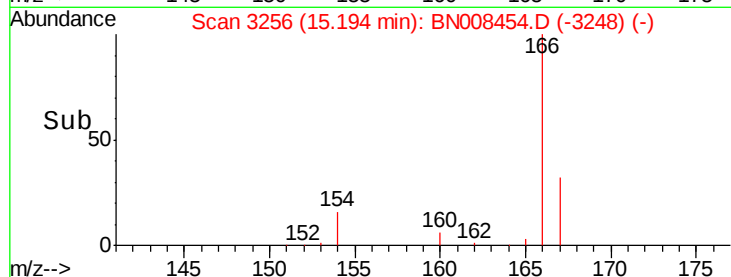
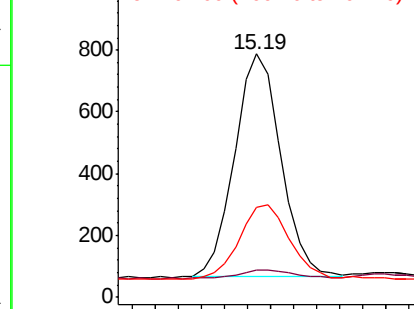
166 100

165 11.2 78.5 117.7#

167 36.8 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: 0.035 ng/ul

RT: 19.35 min Scan# 4205

Delta R.T. -0.04 min

Lab File: BN008454.D

Acq: 05 Nov 2019 19:25

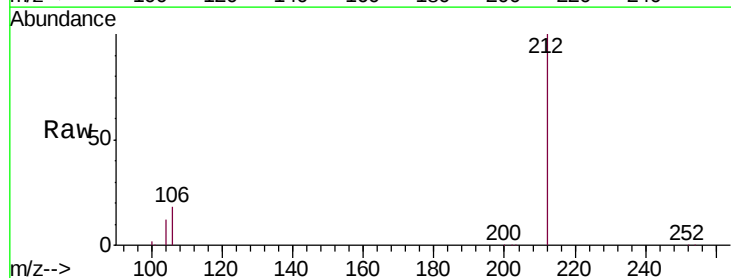
Tgt Ion:202 Resp: 1183

Ion Ratio Lower Upper

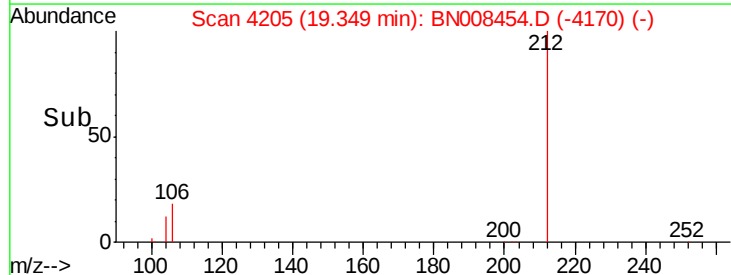
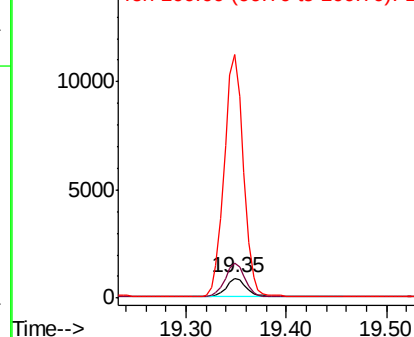
202 100

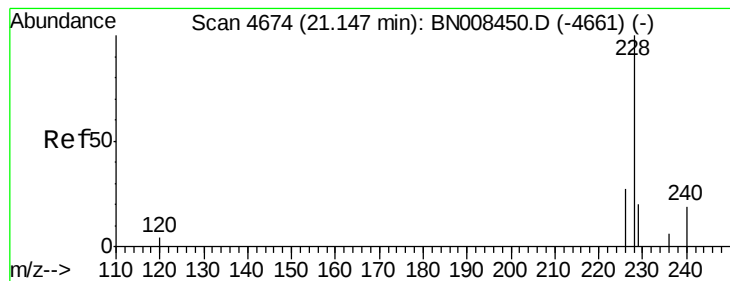
101 178.2 11.6 17.4#

100 1227.3 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# 4676

Delta R.T. 0.01 min

Lab File: BN008454.D

Acq: 05 Nov 2019 19:25

Instrument :

BNA_N

ClientSampleId :

JLNC4

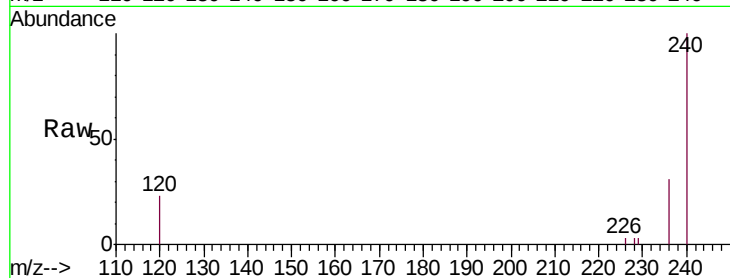
Tgt Ion:228 Resp: 36

Ion Ratio Lower Upper

228 100

229 98.6 16.8 25.2#

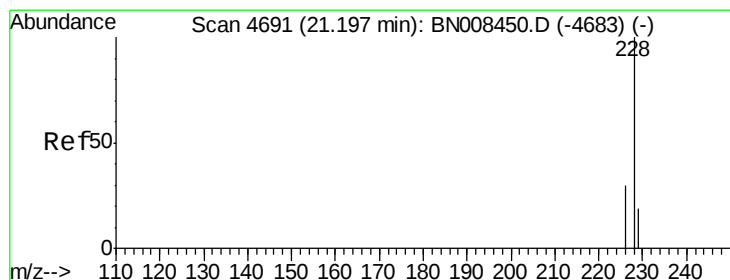
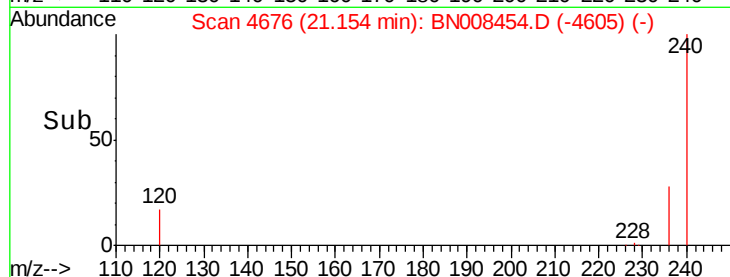
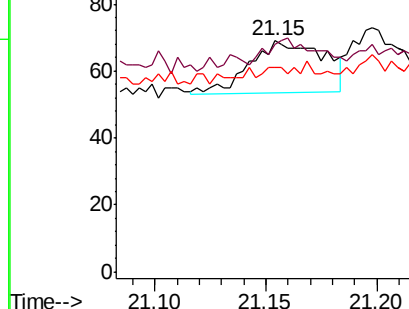
226 88.4 22.1 33.1#



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: BN008454.D

Acq: 05 Nov 2019 19:25

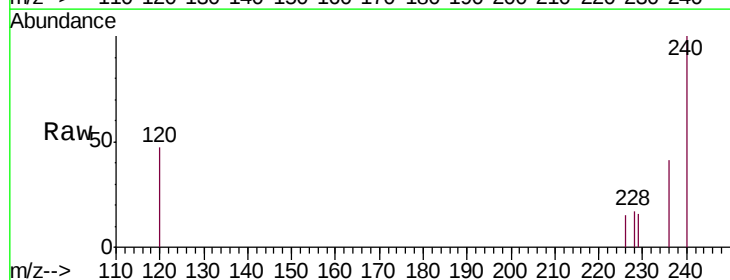
Tgt Ion:228 Resp: 36

Ion Ratio Lower Upper

228 100

226 89.0 24.6 37.0#

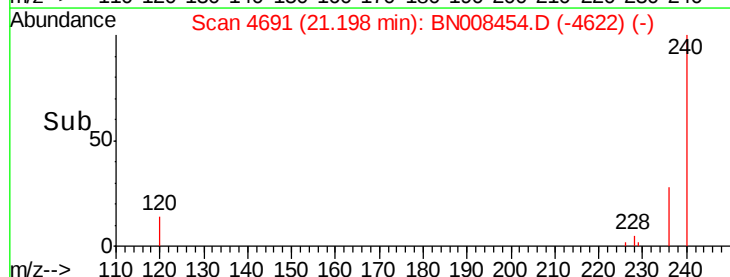
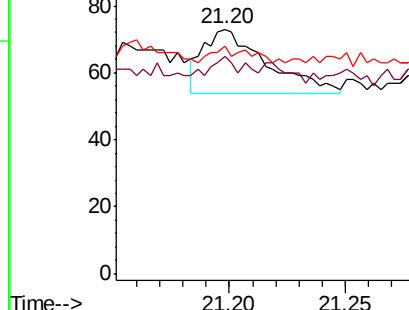
229 93.2 16.6 24.8#

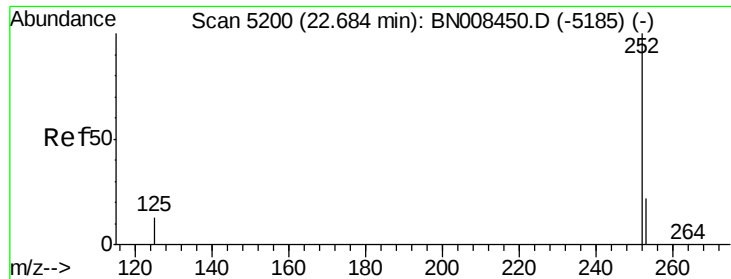


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.025 ng/ul

RT: 22.69 min Scan# 5202

Delta R.T. 0.01 min

Lab File: BN008454.D

Acq: 05 Nov 2019 19:25

Instrument :

BNA_N

ClientSampleId :

JLNC4

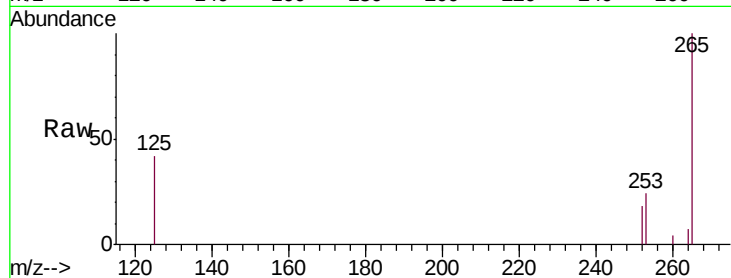
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

253 133.6 0.0 59.6#

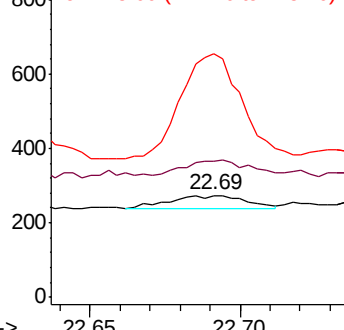
125 238.7 0.0 40.0#



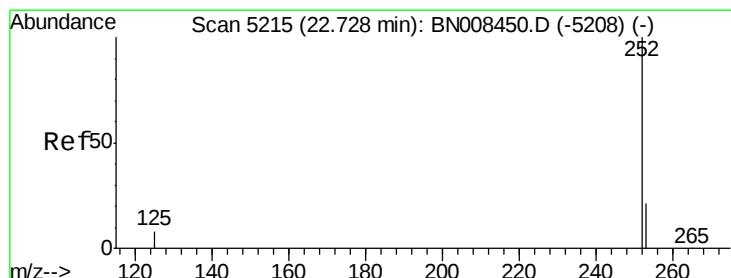
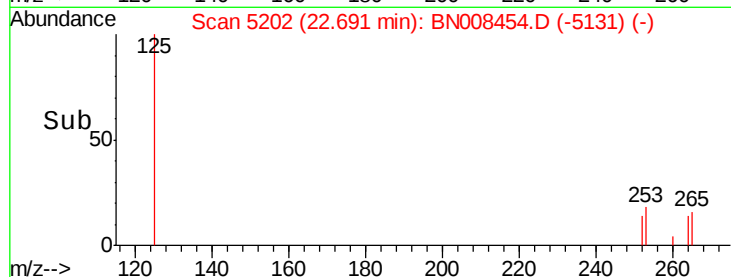
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.018 ng/ul

RT: 22.72 min Scan# 5211

Delta R.T. -0.01 min

Lab File: BN008454.D

Acq: 05 Nov 2019 19:25

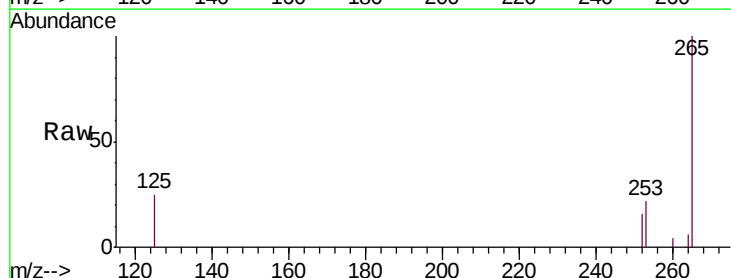
Tgt Ion:252 Resp: 5

Ion Ratio Lower Upper

252 100

253 133.1 24.3 36.5#

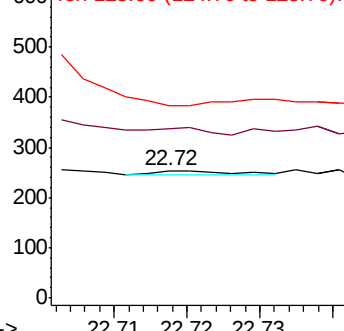
125 150.8 15.8 23.8#



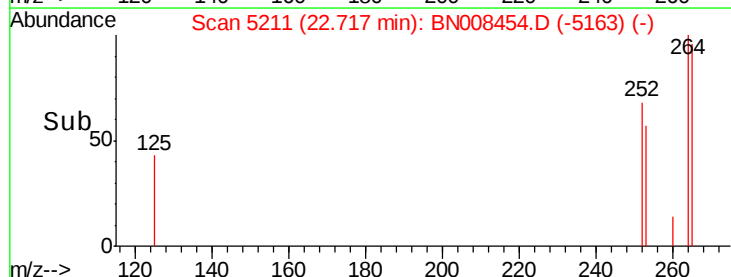
Abundance Ion 252.00 (251.70 to 252.70): E

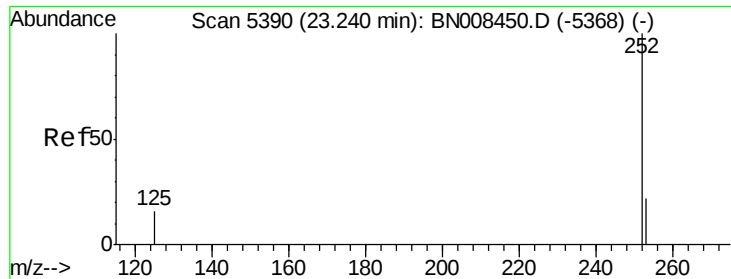
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.089 ng/u1

RT: 23.19 min Scan# 5371

Delta R.T. -0.05 min

Lab File: BN008454.D

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Instrument :

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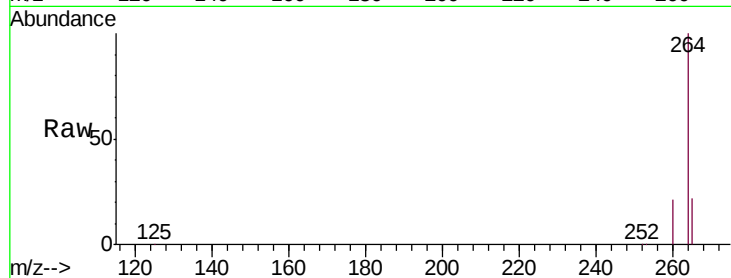
Tgt Ion: 252 Resp: 2052

Ion Ratio Lower Upper

252 100

253 46.5 26.7 40.1#

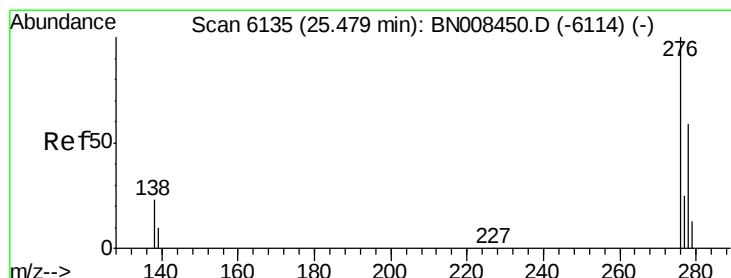
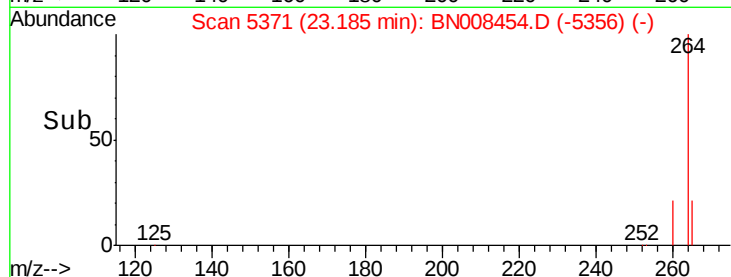
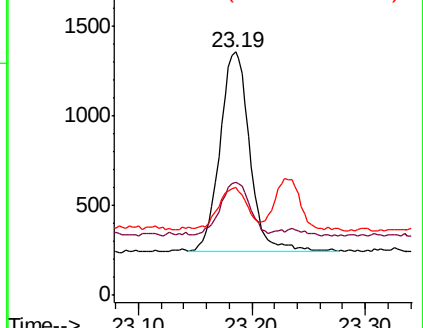
125 44.3 20.6 30.8#



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: 0.004 ng/u1

RT: 25.47 min Scan# 6132

Delta R.T. -0.01 min

Lab File: BN008454.D

Acq: 05 Nov 2019 19:25

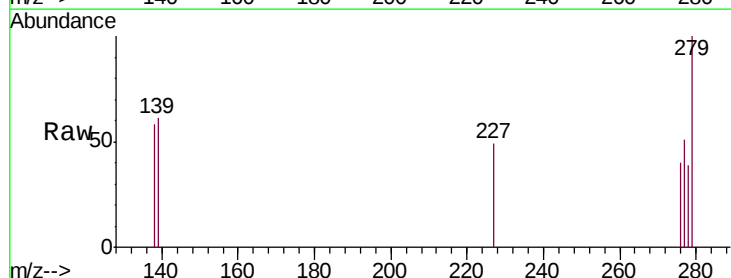
Tgt Ion: 276 Resp: 5

Ion Ratio Lower Upper

276 100

138 0.0 19.4 29.0#

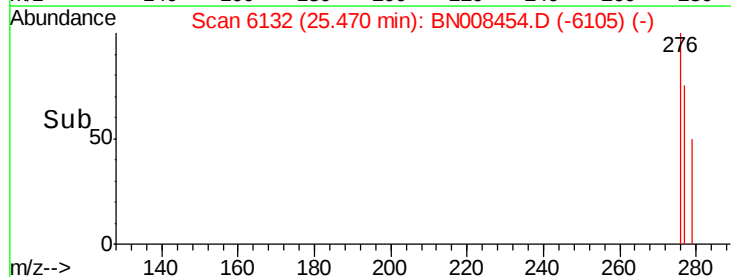
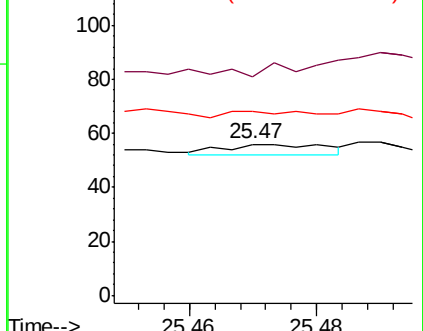
227 40.0 0.2 0.2#

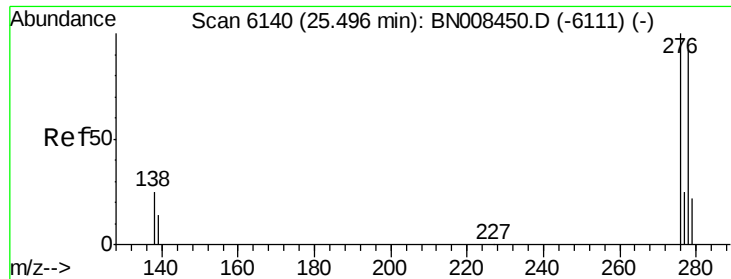


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.009 ng/ul

RT: 25.49 min Scan# 6137

Delta R.T. -0.01 min

Lab File: BN008454.D

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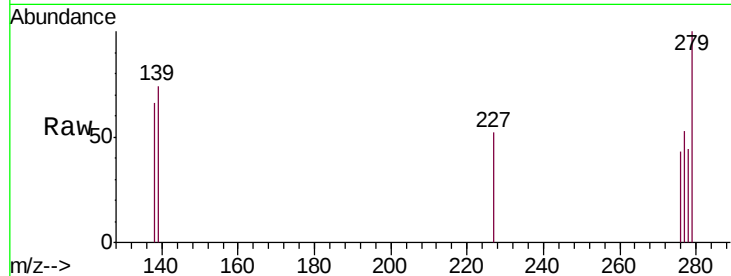
Tgt Ion: 278 Resp: 4

Ion Ratio Lower Upper

278 100

139 166.1 17.8 26.6#

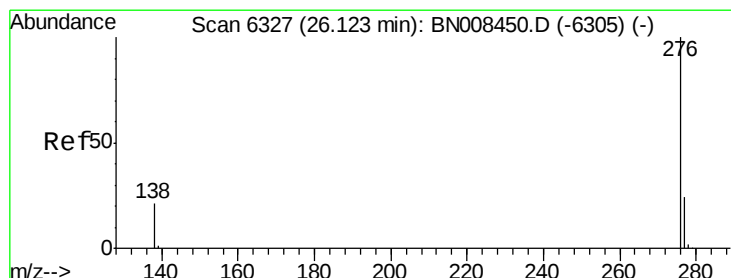
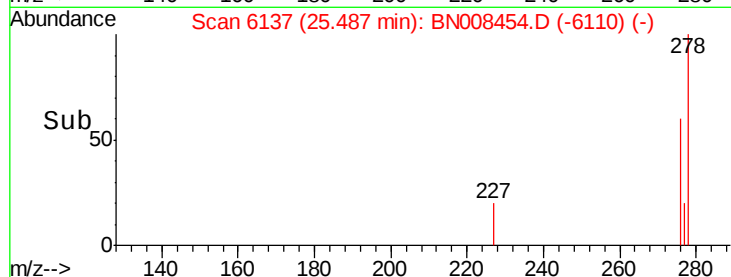
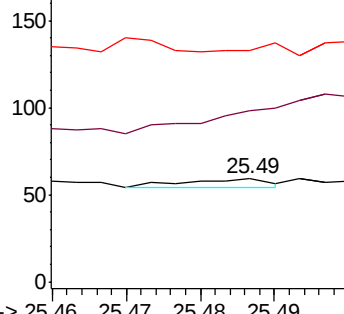
279 225.4 26.6 40.0#



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: 26.11 min Scan# 6322

Delta R.T. -0.02 min

Lab File: BN008454.D

Acq: 05 Nov 2019 19:25

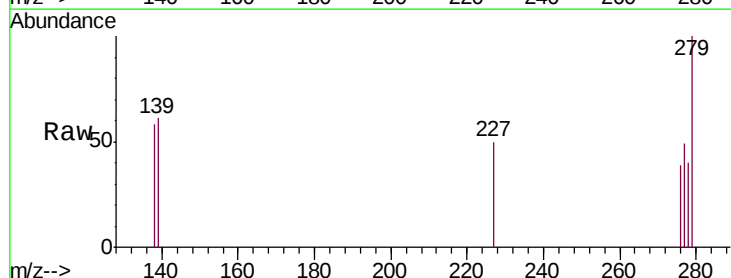
Tgt Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

138 148.1 19.9 29.9#

277 125.9 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

