

Data File : BN008455.D
Acq On : 05 Nov 2019 20:01
Operator : JU
Sample : K5567-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNC5

Quant Time: Nov 06 00:59:36 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	1495	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.32	136	6609	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3938	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	6612	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	7855	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2811	0.28	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	9130	0.00	ng/ul	0.00

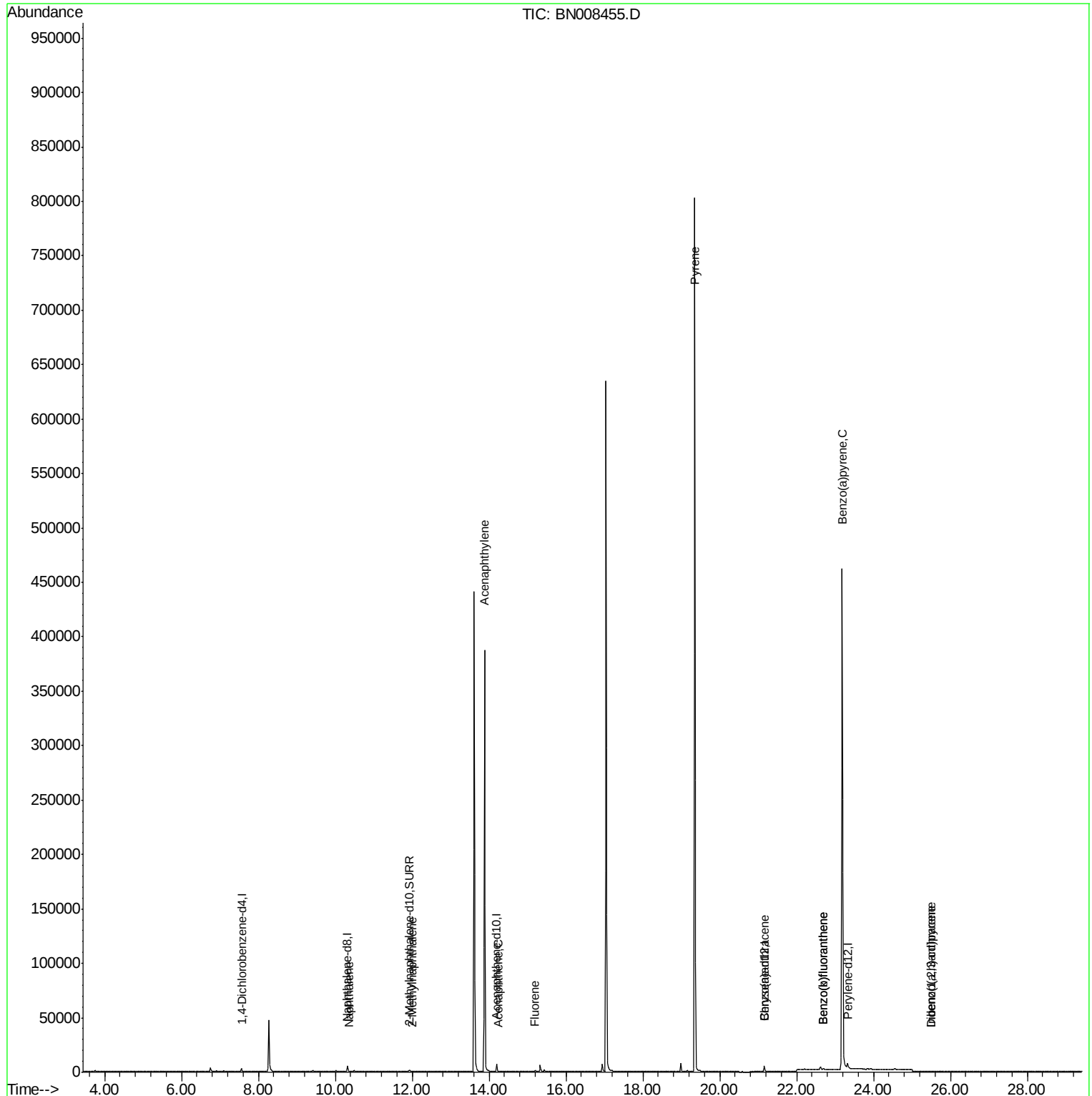
Target Compounds				Qvalue		
3) Naphthalene	10.37	128	147	0.007	ng/ul#	18
5) 2-Methylnaphthalene	12.00	142	141	0.026	ng/ul	99
7) Acenaphthylene	13.89	152	63	0.034	ng/ul#	1
8) Acenaphthene	14.26	153	11	0.018	ng/ul#	65
9) Fluorene	15.19	166	1108	0.093	ng/ul#	16
17) Pyrene	19.35	202	1220	0.026	ng/ul#	1
18) Benzo(a)anthracene	21.15	228	58	0.029	ng/ul#	1
19) Chrysene	21.20	228	40	Below Cal	#	1
21) Benzo(b)fluoranthene	22.69	252	152	0.028	ng/ul#	1
22) Benzo(k)fluoranthene	22.69	252	152	0.022	ng/ul#	1
23) Benzo(a)pyrene	23.19	252	2050	0.075	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	25.49	276	17	0.004	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.49	278	4	0.009	ng/ul#	1
26) Benzo(g,h,i)perylene	26.13	276	25	Below Cal	#	1

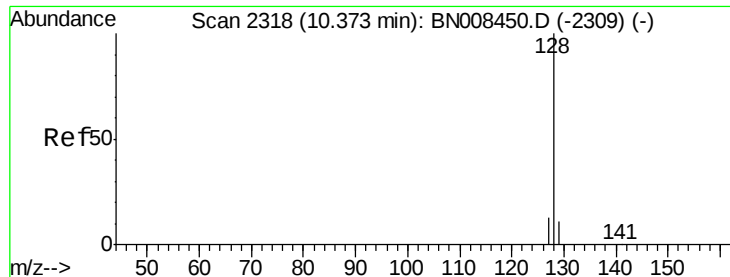
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.007 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN008455.D

Acq: 05 Nov 2019 20:01

Instrument :

BNA_N

ClientSampled :

JLNC5

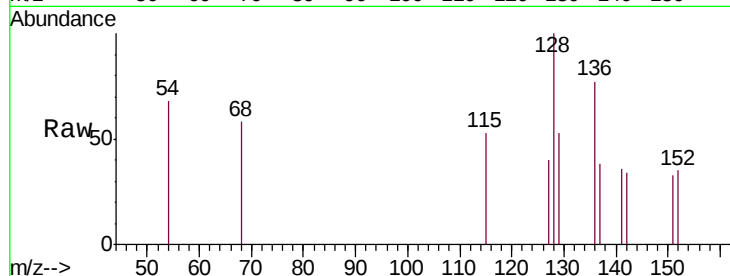
Tgt Ion:128 Resp: 147

Ion Ratio Lower Upper

128 100

129 53.0 10.2 15.2#

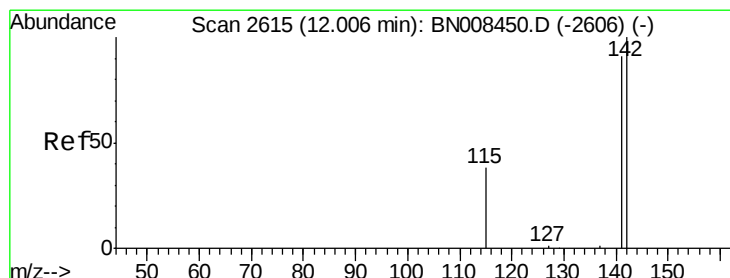
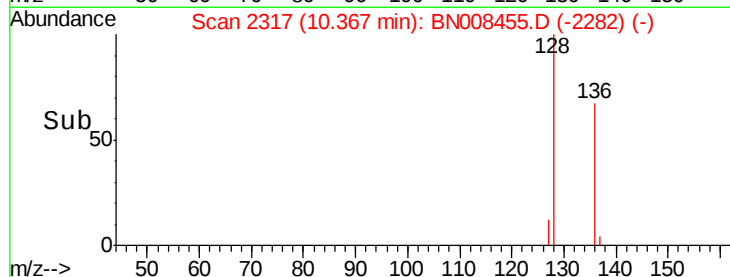
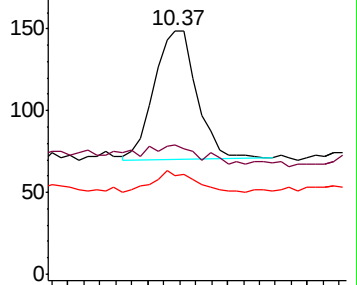
127 40.3 11.4 17.2#



Abundance Ion 128.00 (127.70 to 128.70): E

200 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 12.00 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BN008455.D

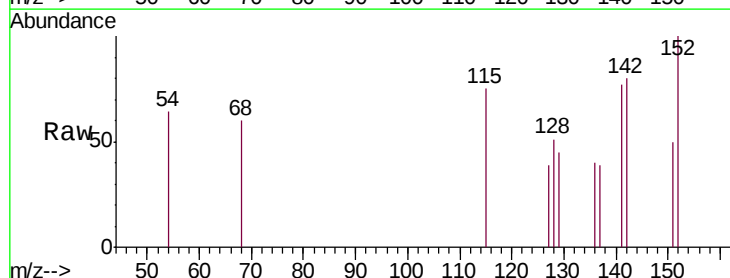
Acq: 05 Nov 2019 20:01

Tgt Ion:142 Resp: 141

Ion Ratio Lower Upper

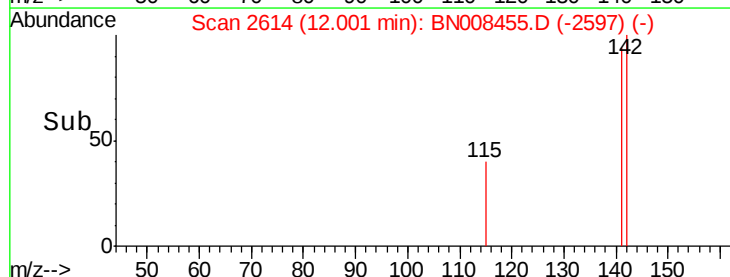
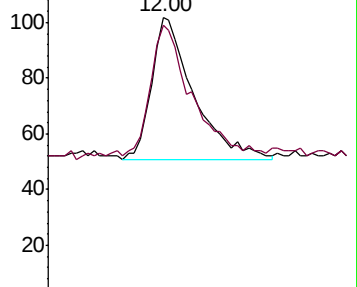
142 100

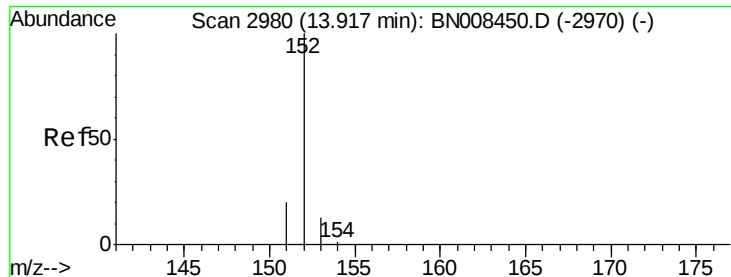
141 90.8 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

120 Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 13.89 min Scan# 2973

Delta R.T. -0.03 min

Lab File: BN008455.D

Acq: 05 Nov 2019 20:01

Instrument :

BNA_N

ClientSampleId :

JLNC5

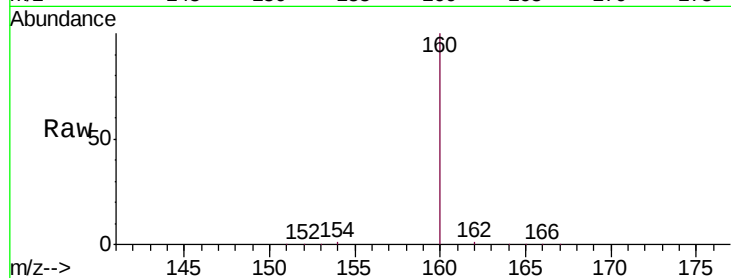
Tgt Ion:152 Resp: 63

Ion Ratio Lower Upper

152 100

151 67.5 16.6 25.0#

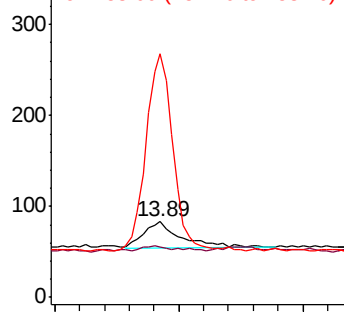
153 322.9 11.4 17.0#



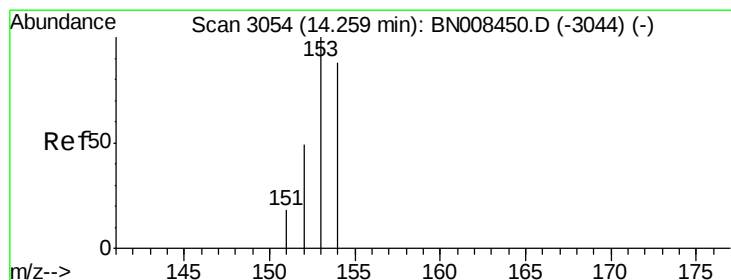
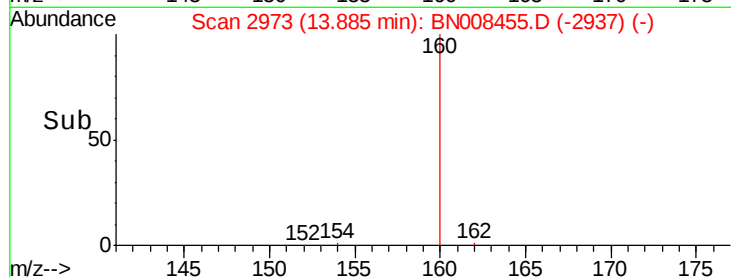
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 13.80 13.90 14.00



#8

Acenaphthene

Concen: 0.018 ng/ul

RT: 14.26 min Scan# 3053

Delta R.T. -0.00 min

Lab File: BN008455.D

Acq: 05 Nov 2019 20:01

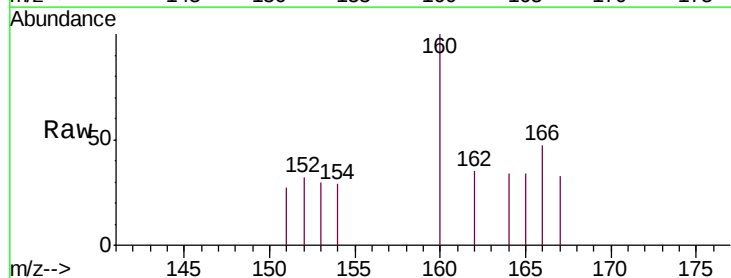
Tgt Ion:153 Resp: 11

Ion Ratio Lower Upper

153 100

152 105.2 40.2 60.2#

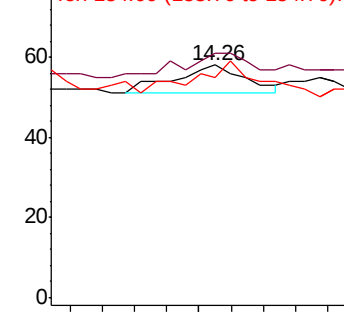
154 94.8 69.1 103.7



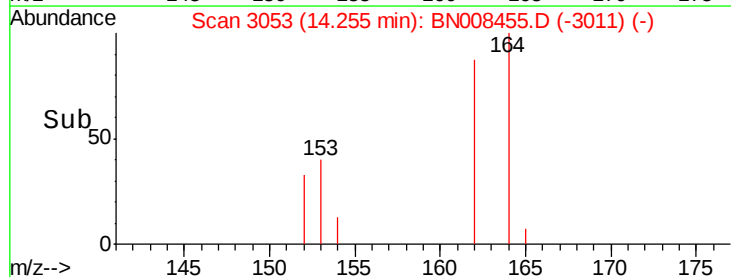
Abundance Ion 153.00 (152.70 to 153.70): E

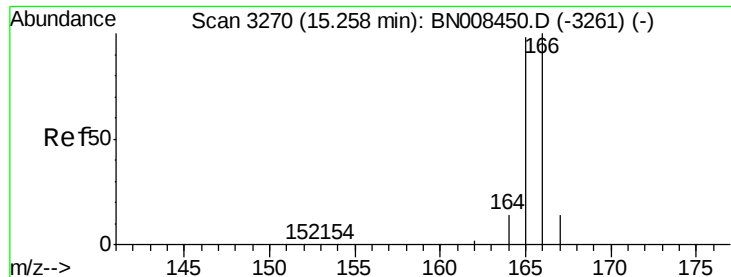
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time--> 14.25





#9

Fluorene

Concen: 0.093 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. -0.06 min

Lab File: BN008455.D

Acq: 05 Nov 2019 20:01

Instrument :

BNA_N

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JLNC5

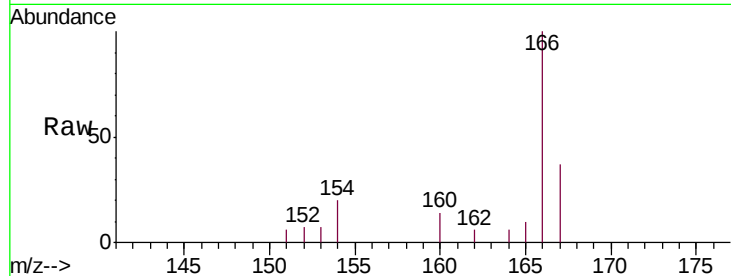
Tgt Ion:166 Resp: 1108

Ion Ratio Lower Upper

166 100

165 10.4 78.5 117.7#

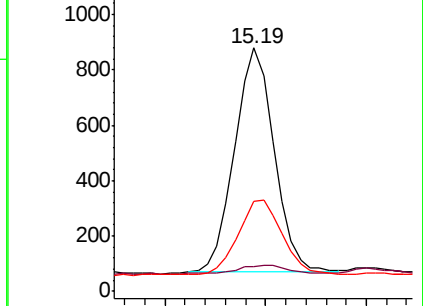
167 36.9 12.4 18.6#



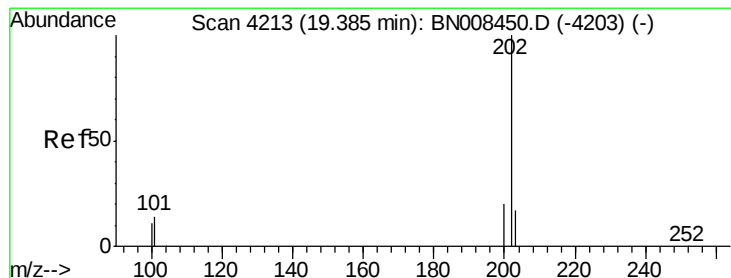
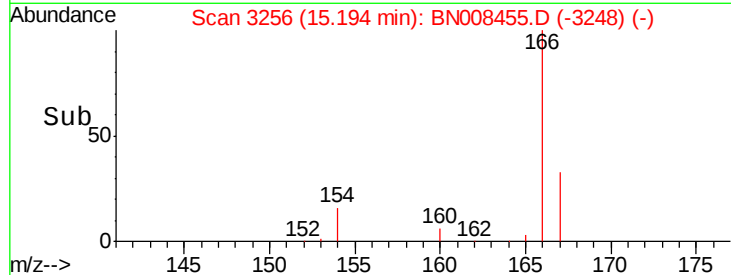
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#17

Pyrene

Concen: 0.026 ng/ul

RT: 19.35 min Scan# 4205

Delta R.T. -0.04 min

Lab File: BN008455.D

Acq: 05 Nov 2019 20:01

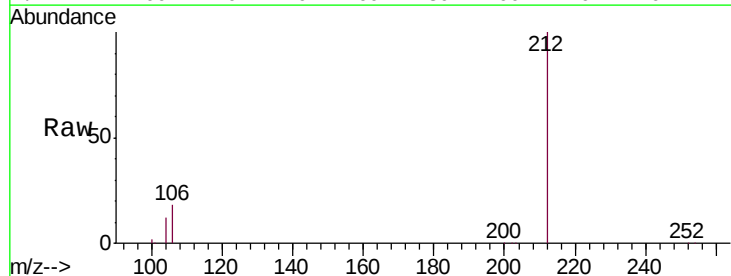
Tgt Ion:202 Resp: 1220

Ion Ratio Lower Upper

202 100

101 183.4 11.6 17.4#

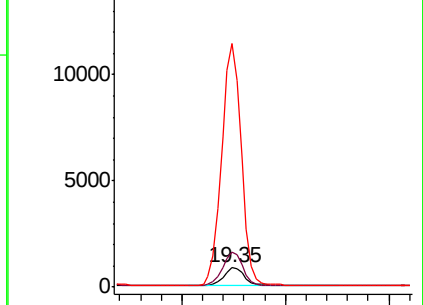
100 1280.8 9.4 14.0#



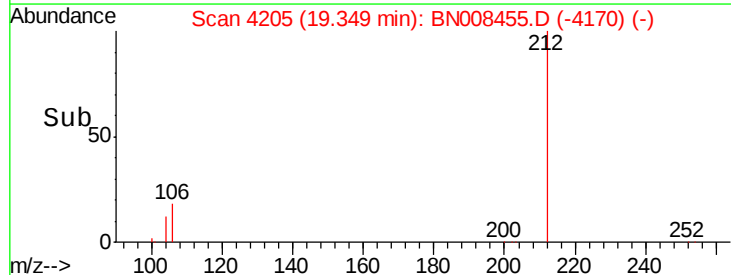
Abundance Ion 202.00 (201.70 to 202.70): E

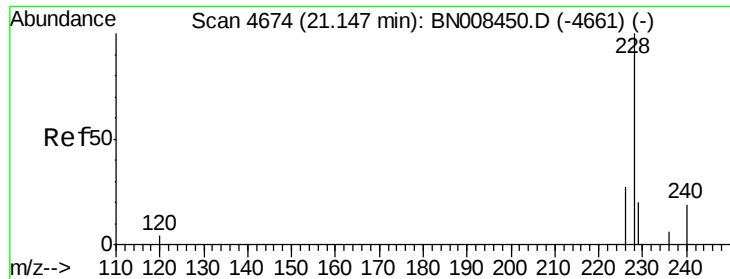
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->





#18

Benzo(a)anthracene

Concen: 0.029 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. 0.00 min

Lab File: BN008455.D

Acq: 05 Nov 2019 20:01

Instrument :

BNA_N

ClientSampleId :

JLNC5

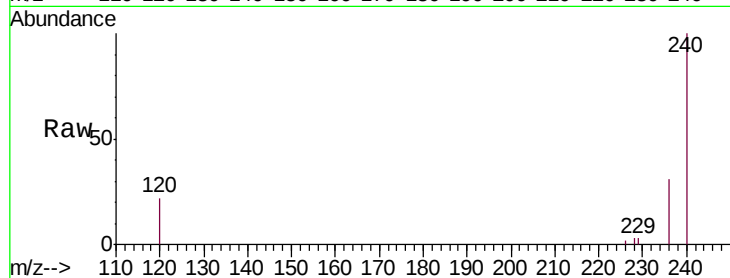
Tgt Ion:228 Resp: 58

Ion Ratio Lower Upper

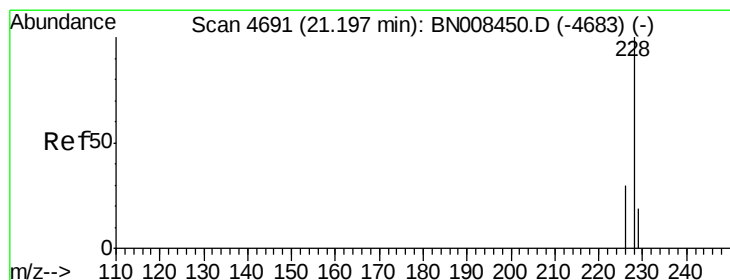
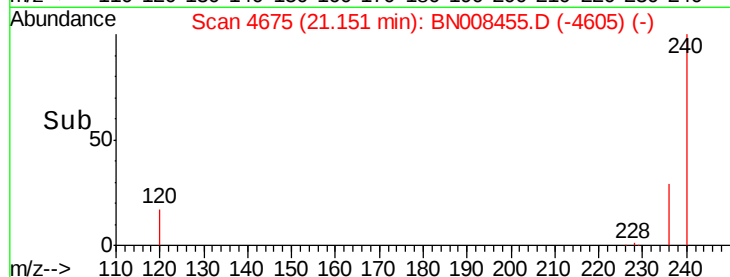
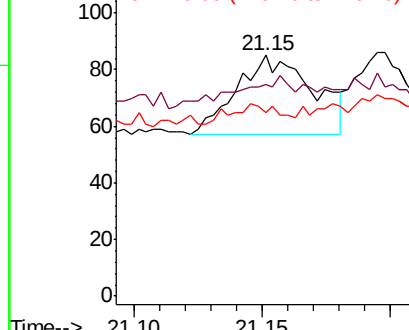
228 100

229 88.2 16.8 25.2#

226 76.5 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# 4690

Delta R.T. -0.00 min

Lab File: BN008455.D

Acq: 05 Nov 2019 20:01

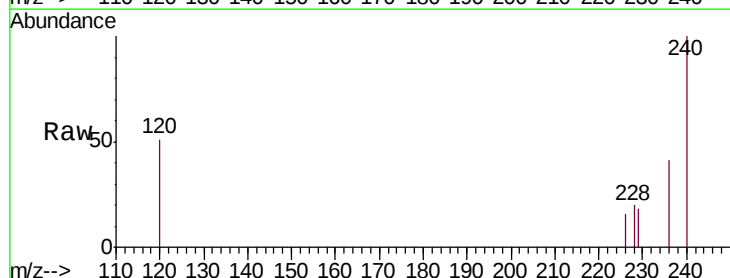
Tgt Ion:228 Resp: 40

Ion Ratio Lower Upper

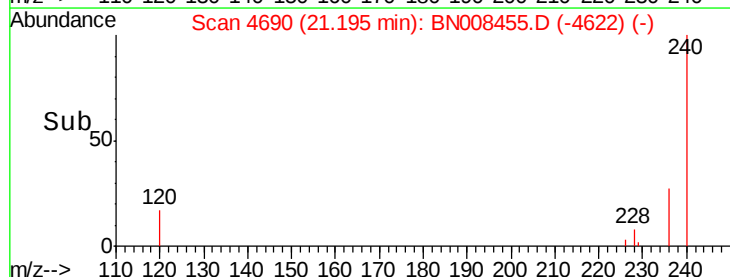
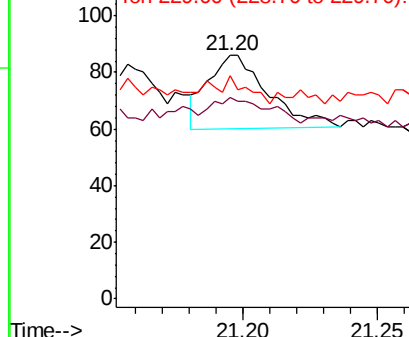
228 100

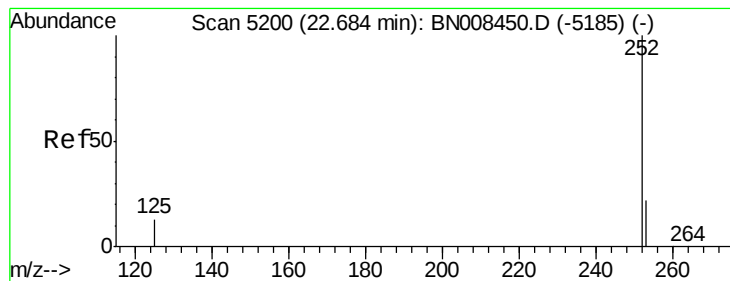
226 82.6 24.6 37.0#

229 91.9 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: 0.028 ng/ul

RT: 22.69 min Scan# 5200

Delta R.T. 0.00 min

Lab File: BN008455.D

Acq: 05 Nov 2019 20:01

Instrument :

BNA_N

ClientSampleId :

JLNC5

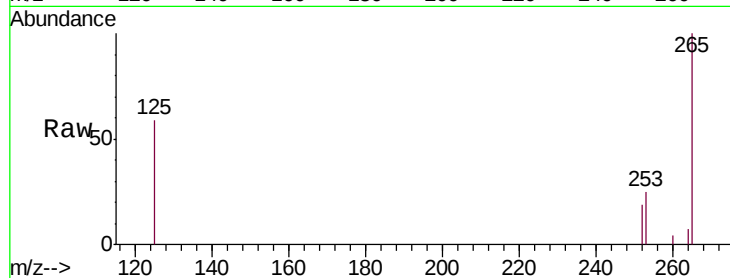
Tgt Ion:252 Resp: 152

Ion Ratio Lower Upper

252 100

253 130.7 0.0 59.6#

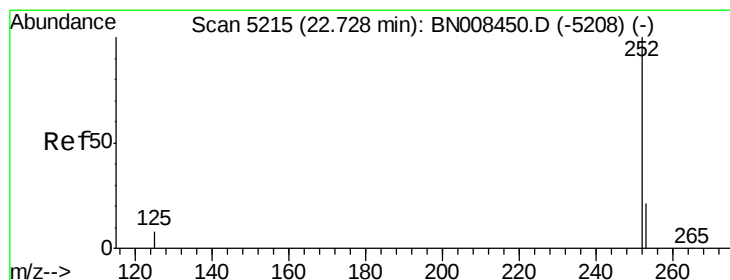
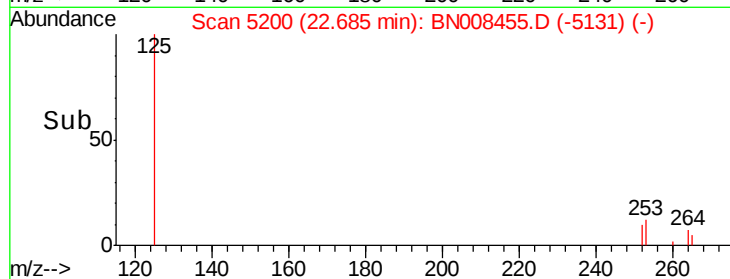
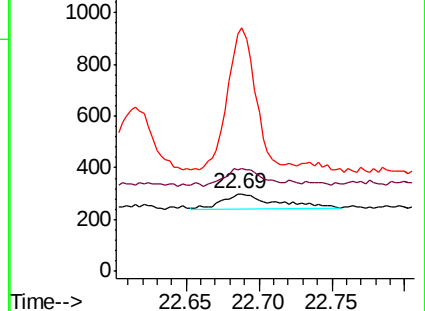
125 305.7 0.0 40.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.022 ng/ul

RT: 22.69 min Scan# 5200

Delta R.T. -0.04 min

Lab File: BN008455.D

Acq: 05 Nov 2019 20:01

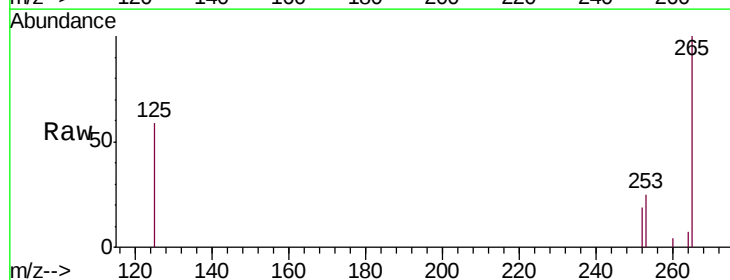
Tgt Ion:252 Resp: 152

Ion Ratio Lower Upper

252 100

253 130.7 24.3 36.5#

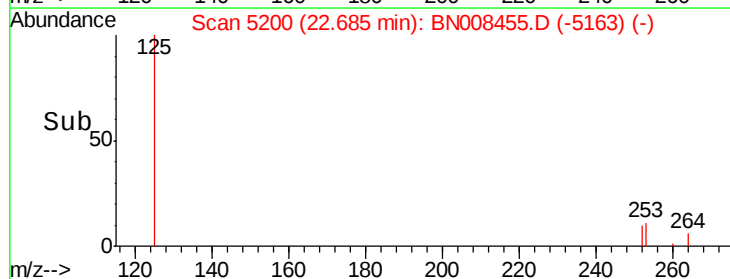
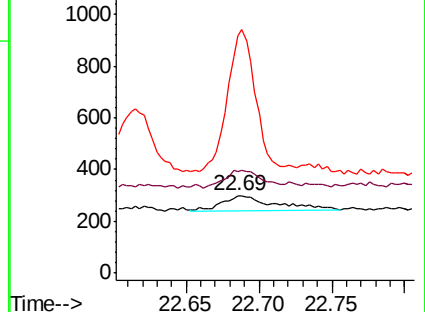
125 305.7 15.8 23.8#

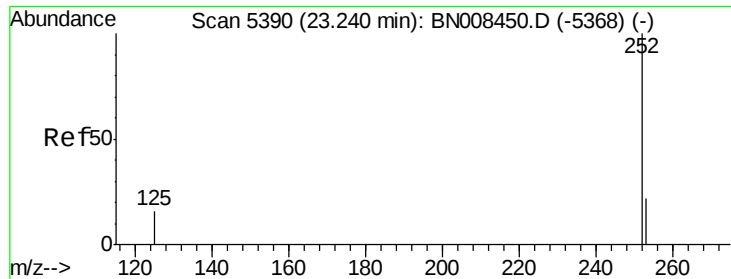


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.075 ng/u1

RT: 23.19 min Scan# 5371

Delta R.T. -0.05 min

Lab File: BN008455.D

Acq: 05 Nov 2019 20:01

Instrument :

BNA_N

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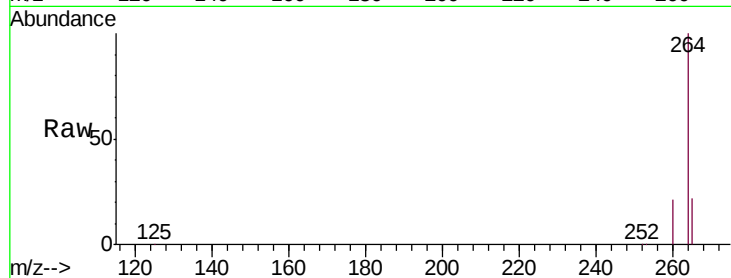
Tgt Ion:252 Resp: 2050

Ion Ratio Lower Upper

252 100

253 45.5 26.7 40.1#

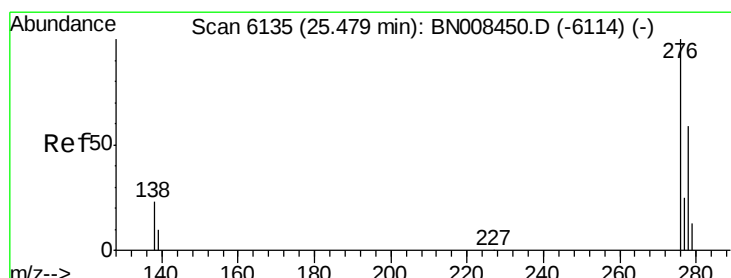
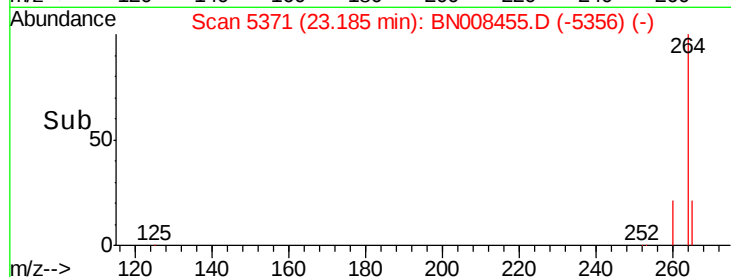
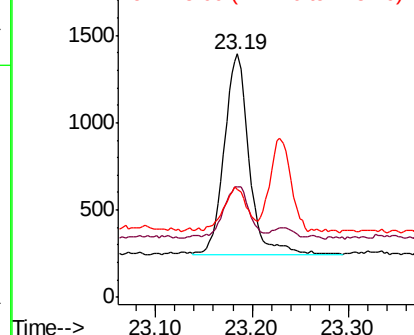
125 44.5 20.6 30.8#



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: 25.49 min Scan# 6138

Delta R.T. 0.01 min

Lab File: BN008455.D

Acq: 05 Nov 2019 20:01

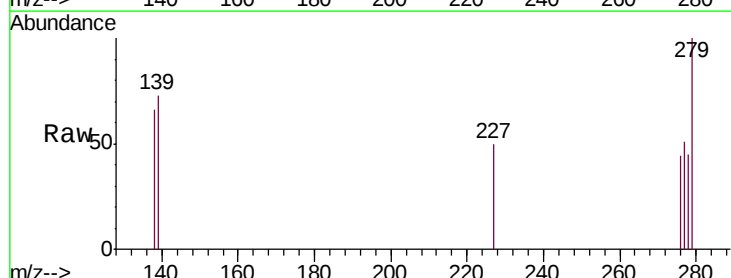
Tgt Ion:276 Resp: 17

Ion Ratio Lower Upper

276 100

138 88.2 19.4 29.0#

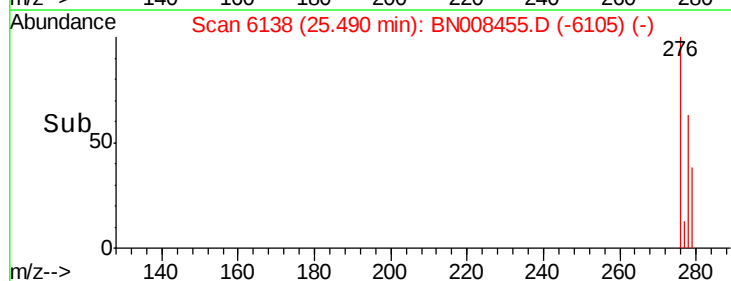
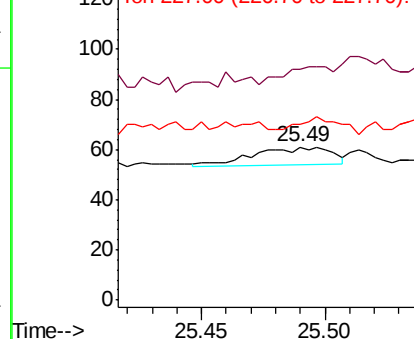
227 47.1 0.2 0.2#

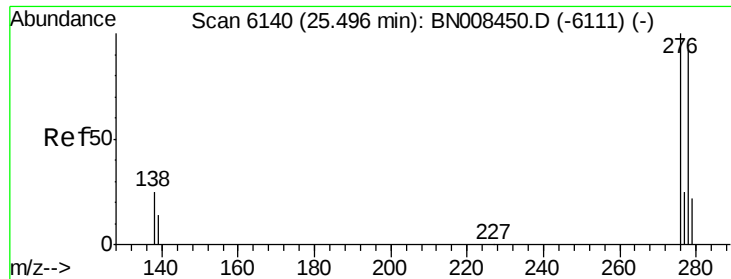


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

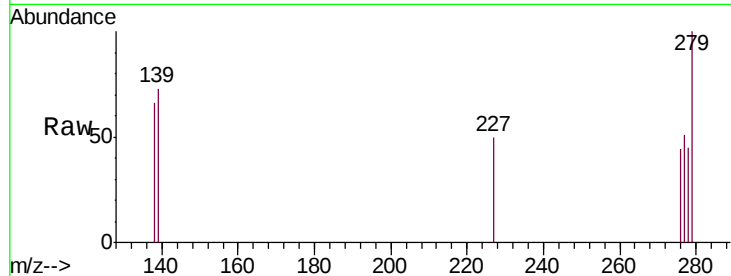




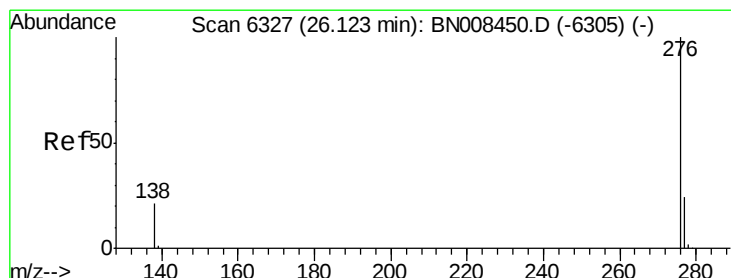
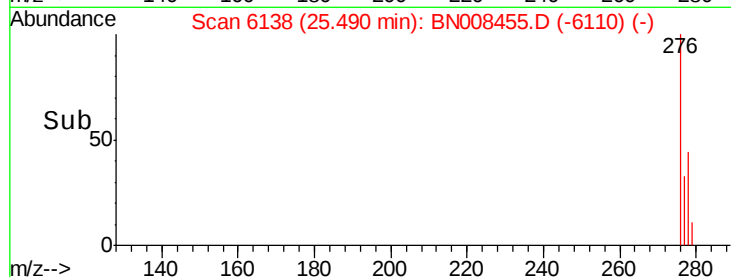
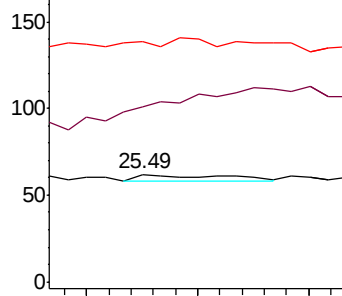
#25
Dibenzo(a,h)anthracene
Concen: 0.009 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.01 min
Lab File: BN008455.D
Acq: 05 Nov 2019 20:01

Instrument :
BNA_N
ClientSampleId :
JLNC5

Tgt Ion: 278 Resp: 4
Ion Ratio Lower Upper
278 100
139 162.9 17.8 26.6#
279 224.2 26.6 40.0#

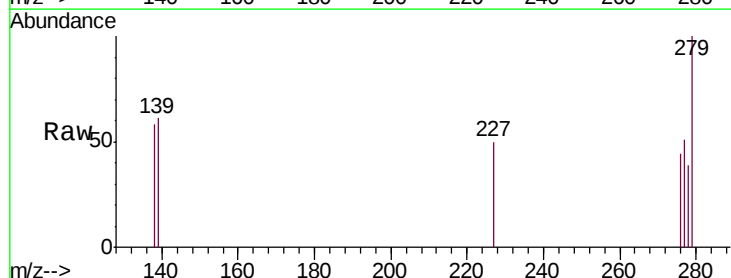


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: Below Cal
RT: 26.13 min Scan# 6329
Delta R.T. 0.01 min
Lab File: BN008455.D
Acq: 05 Nov 2019 20:01

Tgt Ion: 276 Resp: 25
Ion Ratio Lower Upper
276 100
138 133.9 19.9 29.9#
277 116.1 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

