

Data File : BN008460.D
Acq On : 05 Nov 2019 23:00
Operator : JU
Sample : K5567-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNE0

Quant Time: Nov 06 01:00:21 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	1524	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	6748	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	4001	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	6177	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	7447	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	3293	0.31	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	8962	0.00	ng/ul	0.00

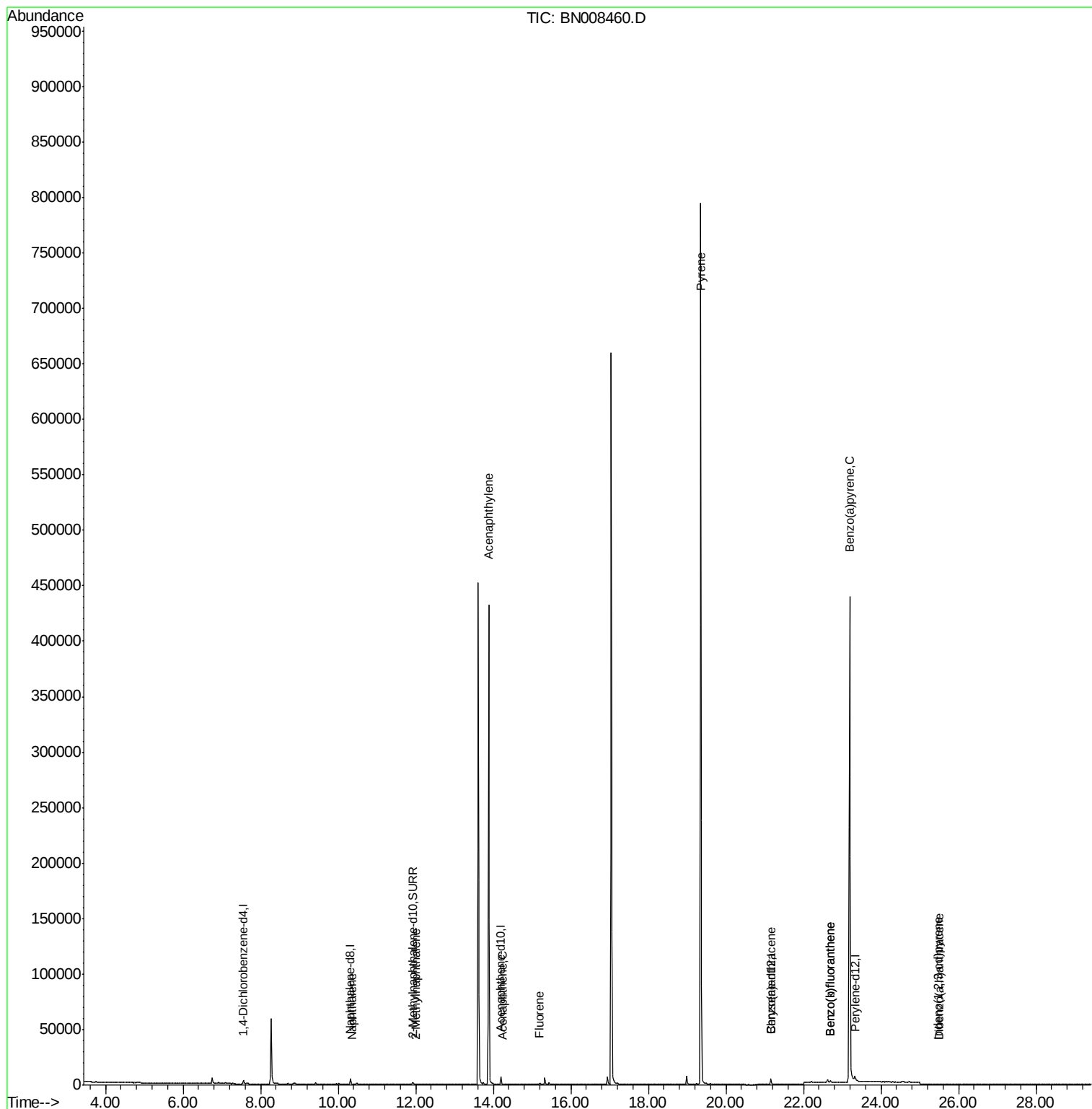
Target Compounds						Qvalue
3) Naphthalene	10.37	128	181	0.009	ng/ul#	27
5) 2-Methylnaphthalene	12.00	142	81	0.021	ng/ul	89
7) Acenaphthylene	13.88	152	59	0.034	ng/ul#	1
8) Acenaphthene	14.26	153	5	0.017	ng/ul#	67
9) Fluorene	15.19	166	1136	0.094	ng/ul#	17
17) Pyrene	19.35	202	1272	0.031	ng/ul#	1
18) Benzo(a)anthracene	21.16	228	42	0.029	ng/ul#	1
19) Chrysene	21.20	228	39	Below Cal	#	1
21) Benzo(b)fluoranthene	22.69	252	117	0.027	ng/ul#	1
22) Benzo(k)fluoranthene	22.69	252	127	0.022	ng/ul#	1
23) Benzo(a)pyrene	23.19	252	1820	0.071	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	25.47	276	3	0.004	ng/ul#	52
25) Dibenzo(a,h)anthracene	25.49	278	2	0.009	ng/ul#	1
26) Benzo(g,h,i)perylene	26.12	276	1	Below Cal	#	1

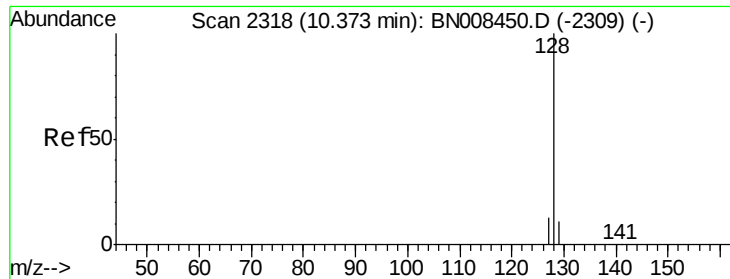
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.009 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN008460.D

Acq: 05 Nov 2019 23:00

Instrument :

BNA_N

ClientSampleId :

JLNE0

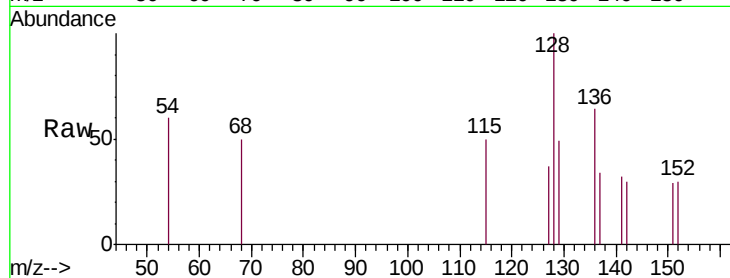
Tgt Ion:128 Resp: 181

Ion Ratio Lower Upper

128 100

129 48.5 10.2 15.2#

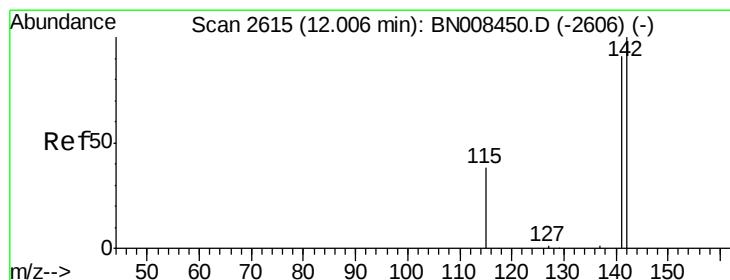
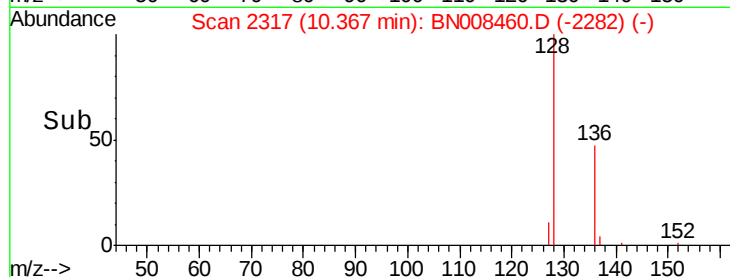
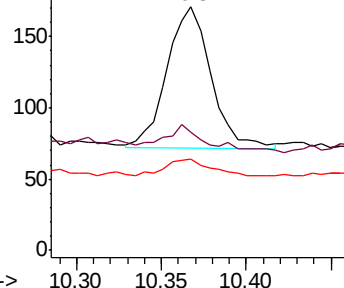
127 37.4 11.4 17.2#



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: 0.021 ng/ul

RT: 12.00 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BN008460.D

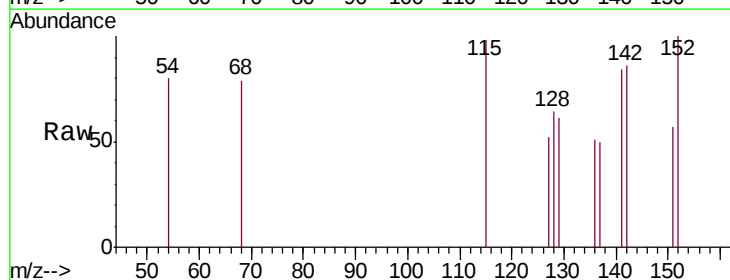
Acq: 05 Nov 2019 23:00

Tgt Ion:142 Resp: 81

Ion Ratio Lower Upper

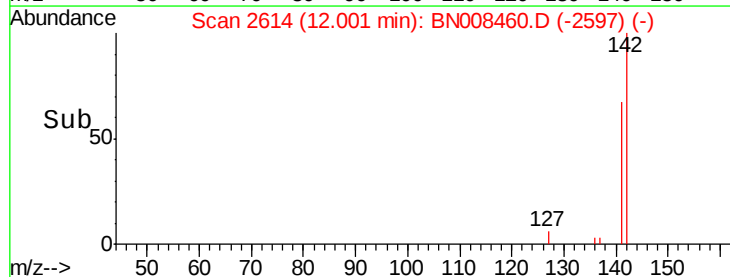
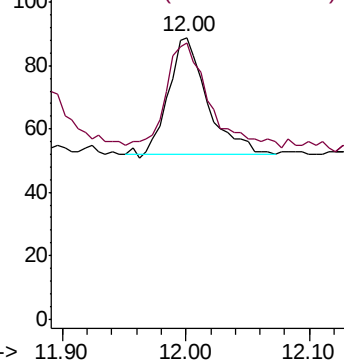
142 100

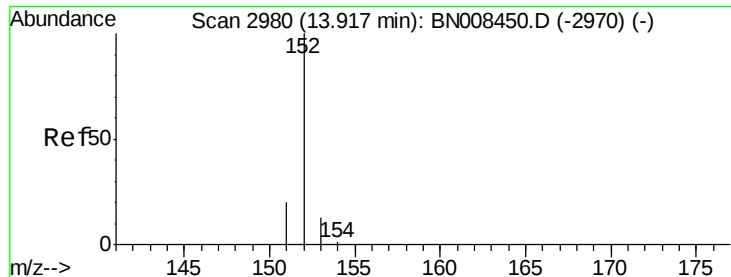
141 100.0 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 13.88 min Scan# 2972

Delta R.T. -0.04 min

Lab File: BN008460.D

Acq: 05 Nov 2019 23:00

Instrument :

BNA_N

ClientSampleId :

JLNE0

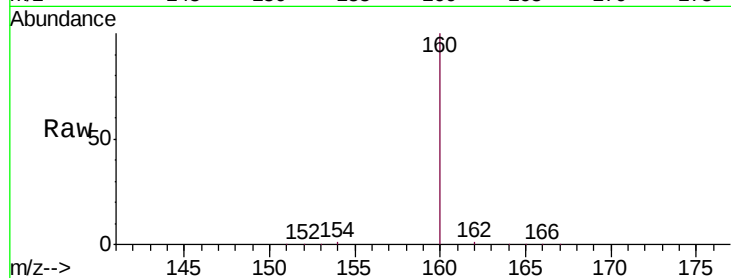
Tgt Ion:152 Resp: 59

Ion Ratio Lower Upper

152 100

151 64.7 16.6 25.0#

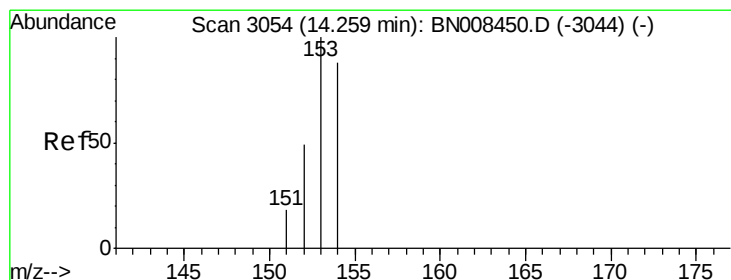
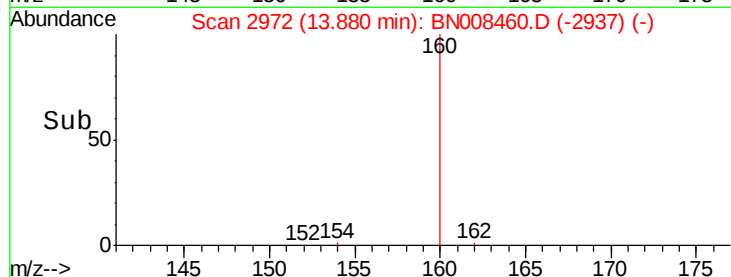
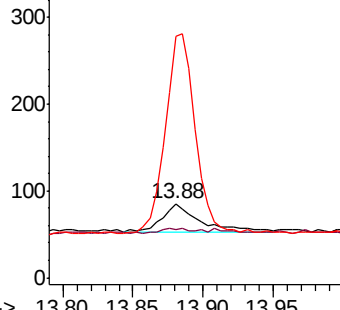
153 327.1 11.4 17.0#



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



#8

Acenaphthene

Concen: 0.017 ng/ul

RT: 14.26 min Scan# 3053

Delta R.T. -0.00 min

Lab File: BN008460.D

Acq: 05 Nov 2019 23:00

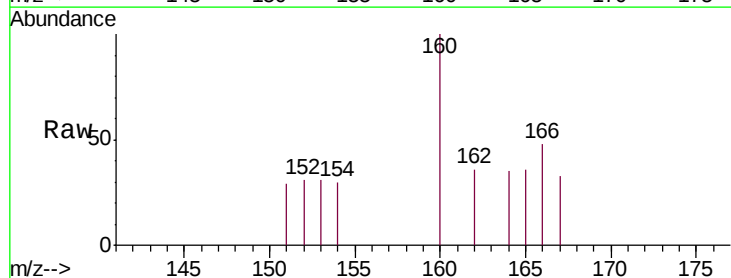
Tgt Ion:153 Resp: 5

Ion Ratio Lower Upper

153 100

152 100.0 40.2 60.2#

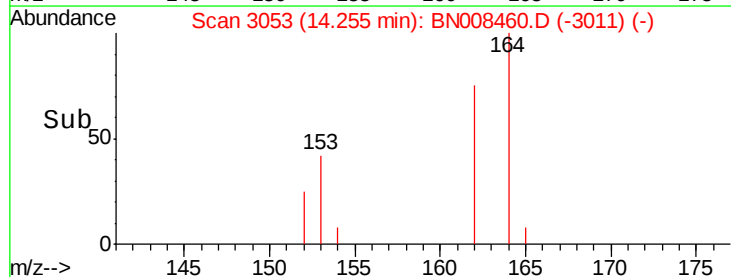
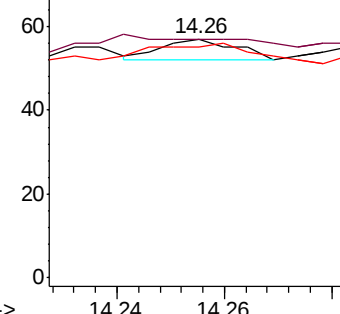
154 96.5 69.1 103.7

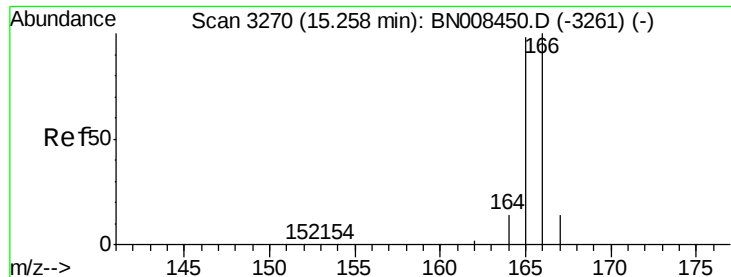


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





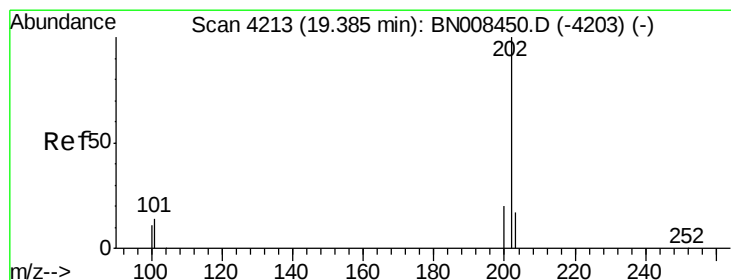
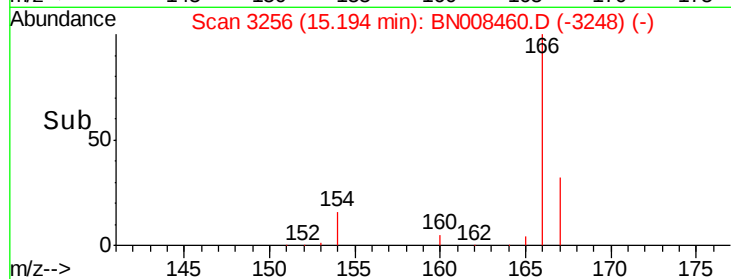
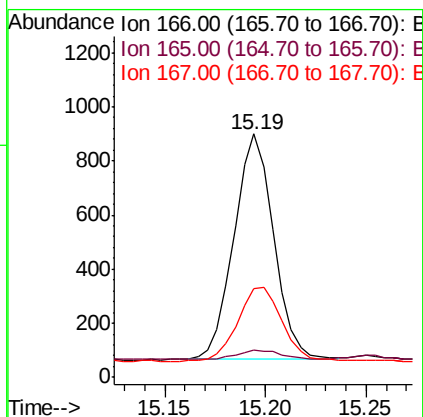
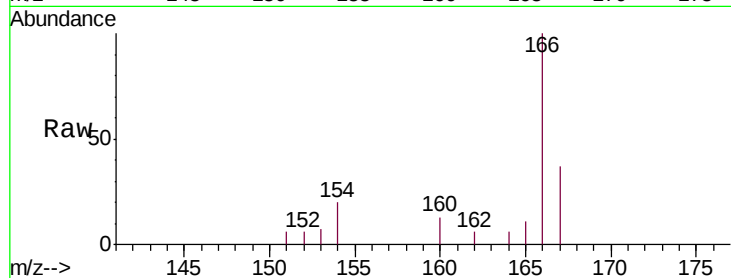
#9

Fluorene

Concen: 0.094 ng/ul
 RT: 15.19 min Scan# 3256
 Delta R.T. -0.06 min
 Lab File: BN008460.D
 Acq: 05 Nov 2019 23:00

Instrument :
 BNA_N
 ClientSampleId :
 JLNE0

Tgt Ion:166 Resp: 1136
 Ion Ratio Lower Upper
 166 100
 165 11.0 78.5 117.7#
 167 36.6 12.4 18.6#

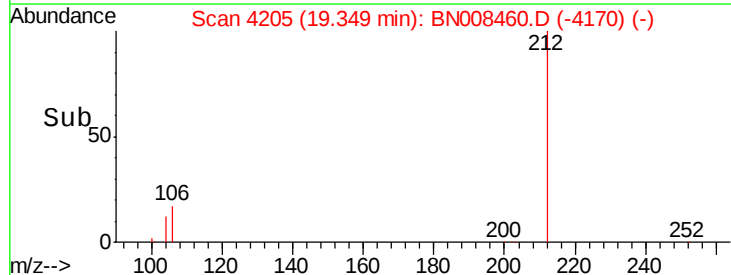
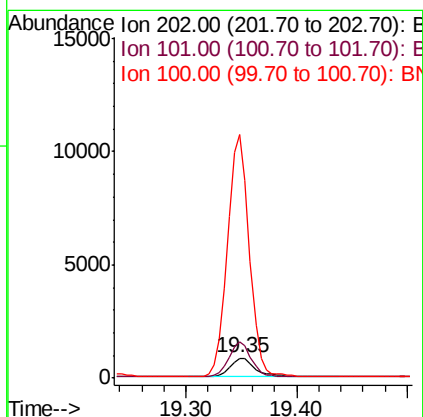
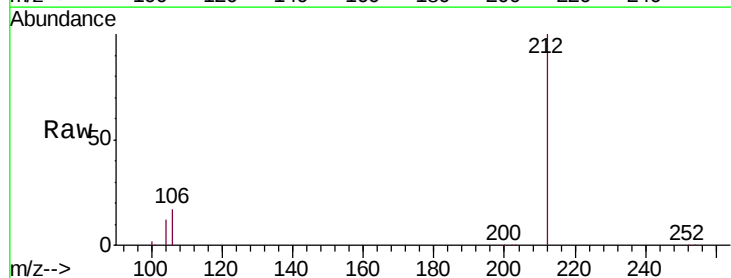


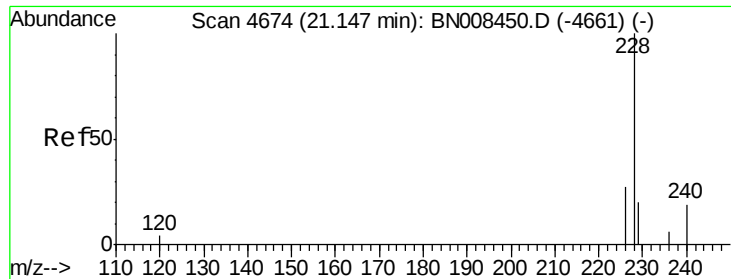
#17

Pyrene

Concen: 0.031 ng/ul
 RT: 19.35 min Scan# 4205
 Delta R.T. -0.04 min
 Lab File: BN008460.D
 Acq: 05 Nov 2019 23:00

Tgt Ion:202 Resp: 1272
 Ion Ratio Lower Upper
 202 100
 101 182.0 11.6 17.4#
 100 1226.2 9.4 14.0#





#18

Benzo(a)anthracene

Concen: 0.029 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. 0.01 min

Lab File: BN008460.D

Acq: 05 Nov 2019 23:00

Instrument :

BNA_N

ClientSampleId :

JLNE0

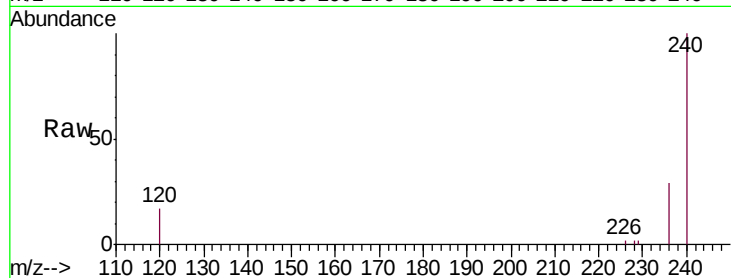
Tgt Ion:228 Resp: 42

Ion Ratio Lower Upper

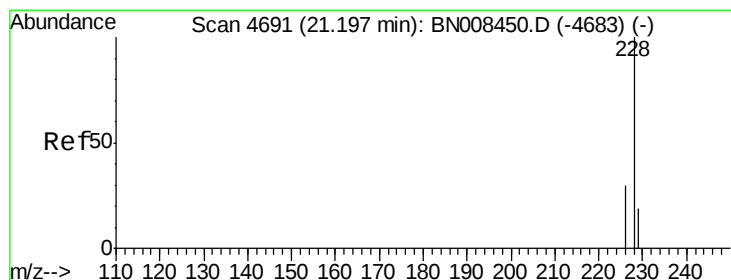
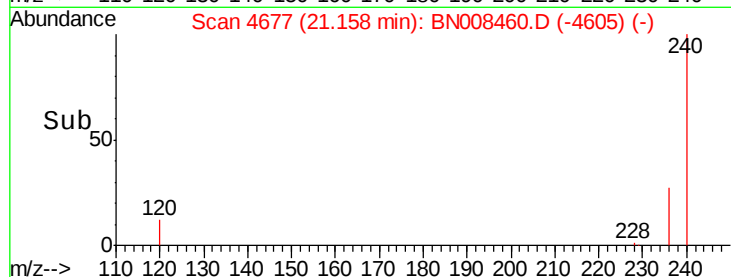
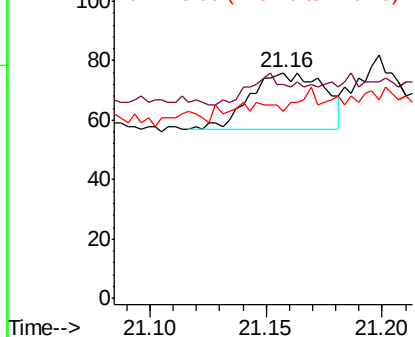
228 100

229 94.7 16.8 25.2#

226 82.9 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: BN008460.D

Acq: 05 Nov 2019 23:00

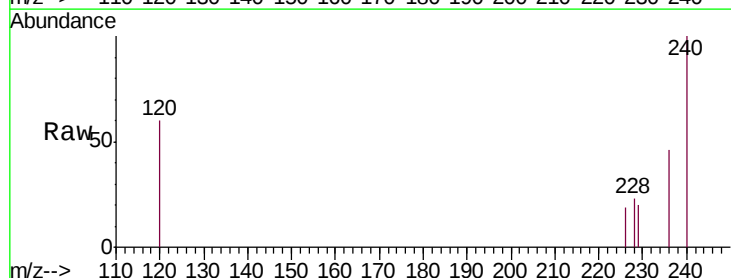
Tgt Ion:228 Resp: 39

Ion Ratio Lower Upper

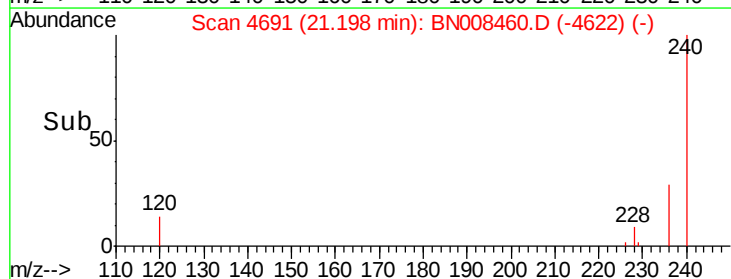
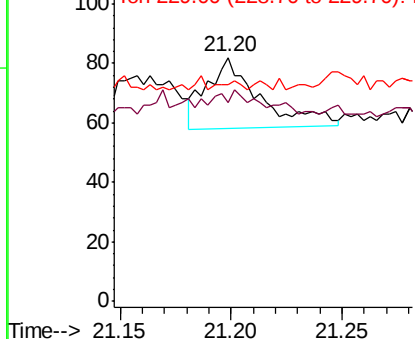
228 100

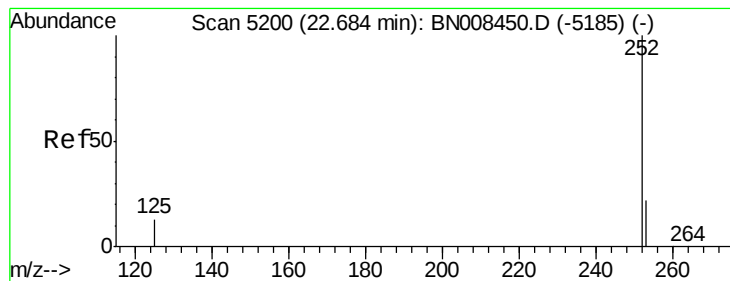
226 81.7 24.6 37.0#

229 89.0 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# 5201

Delta R.T. 0.00 min

Lab File: BN008460.D

Acq: 05 Nov 2019 23:00

Instrument :

BNA_N

ClientSampleId :

JLNE0

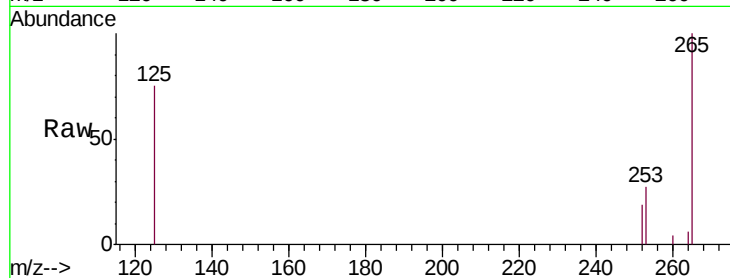
Tgt Ion:252 Resp: 117

Ion Ratio Lower Upper

252 100

253 139.7 0.0 59.6#

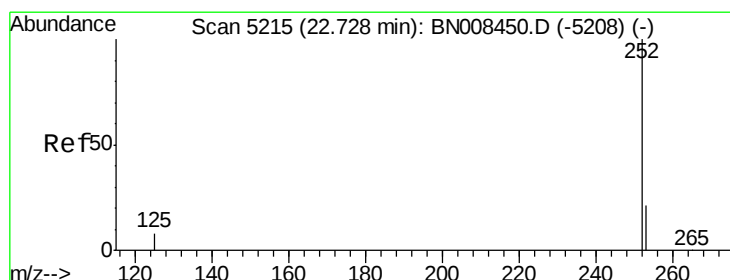
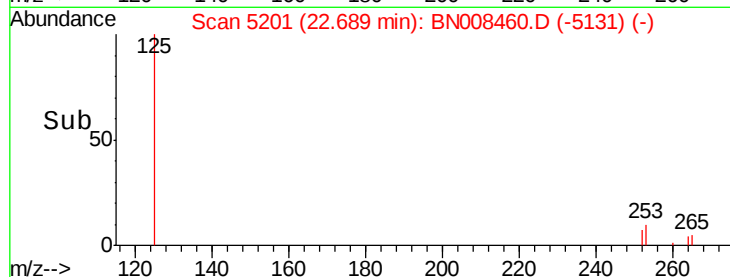
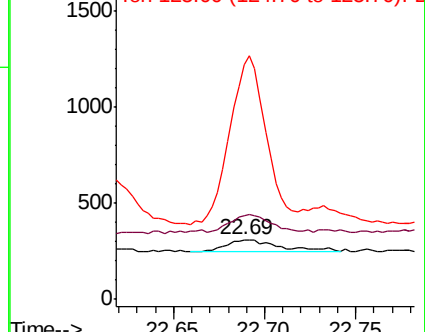
125 393.9 0.0 40.0#



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: 0.022 ng/ul

RT: 22.69 min Scan# 5201

Delta R.T. -0.04 min

Lab File: BN008460.D

Acq: 05 Nov 2019 23:00

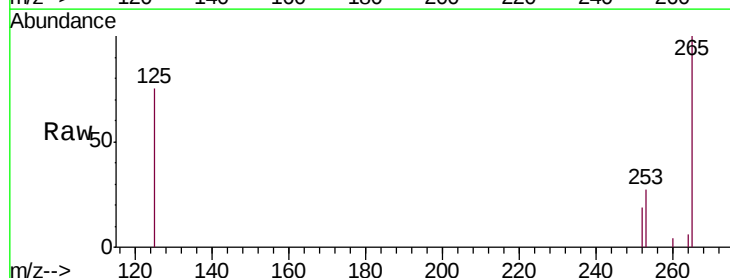
Tgt Ion:252 Resp: 127

Ion Ratio Lower Upper

252 100

253 139.7 24.3 36.5#

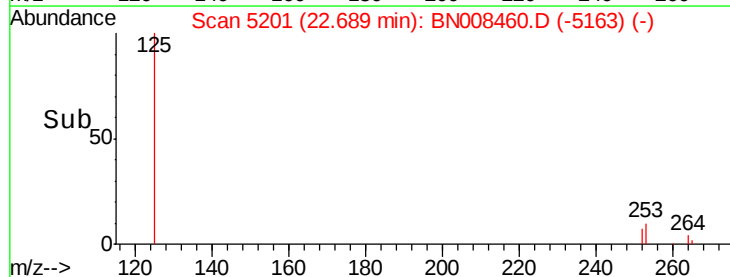
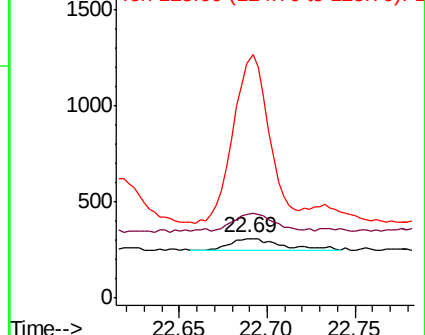
125 393.9 15.8 23.8#

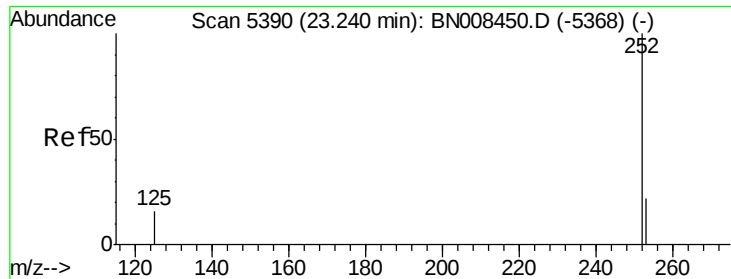


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.071 ng/u1

RT: 23.19 min Scan# 5372

Delta R.T. -0.05 min

Lab File: BN008460.D

Acq: 05 Nov 2019 23:00

Instrument :

BNA_N

ClientSampleId :

JLNE0

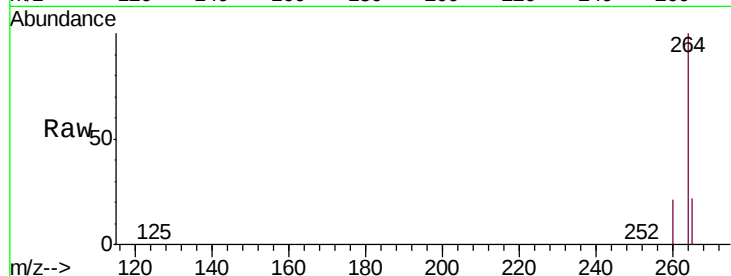
Tgt Ion:252 Resp: 1820

Ion Ratio Lower Upper

252 100

253 48.6 26.7 40.1#

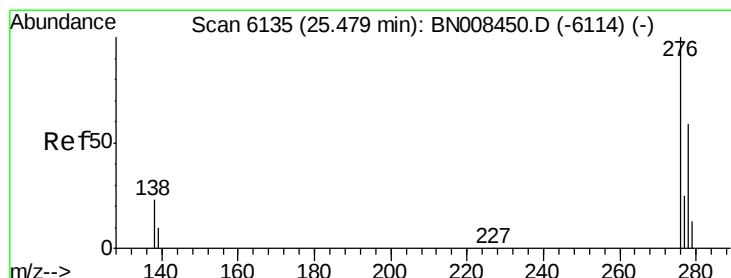
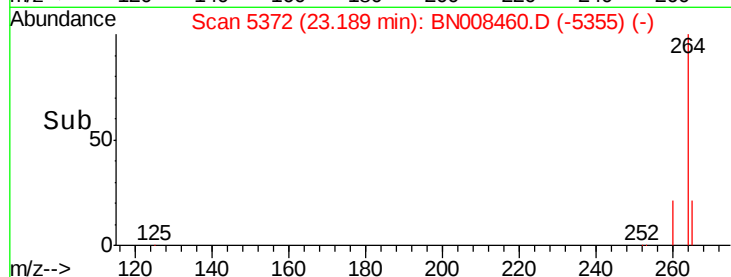
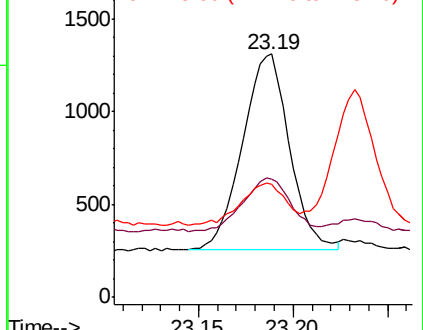
125 46.6 20.6 30.8#



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: BN008460.D

Acq: 05 Nov 2019 23:00

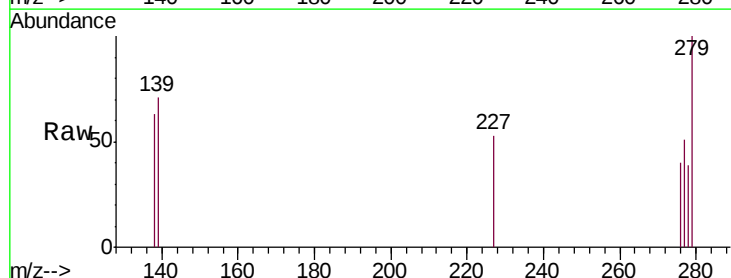
Tgt Ion:276 Resp: 3

Ion Ratio Lower Upper

276 100

138 0.0 19.4 29.0#

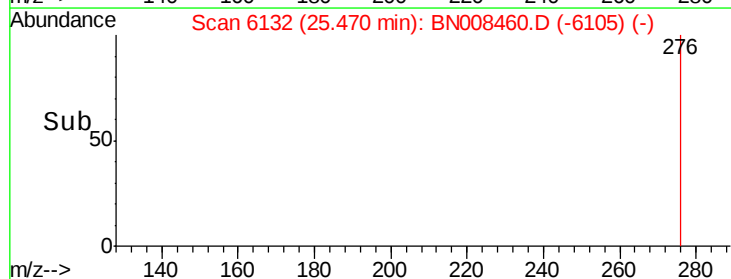
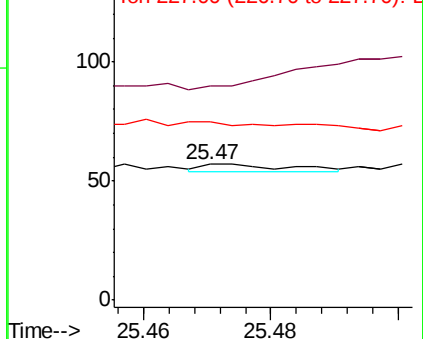
227 0.0 0.2 0.2#

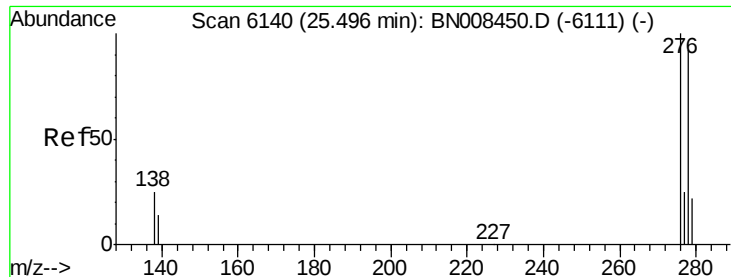


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



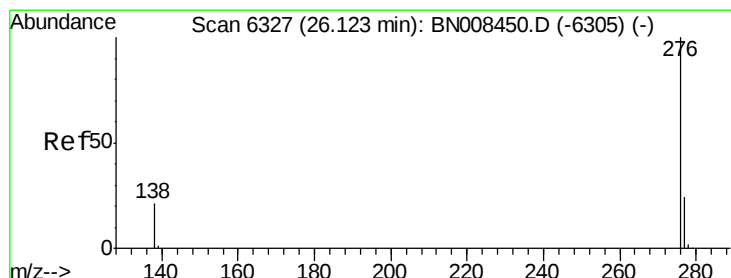
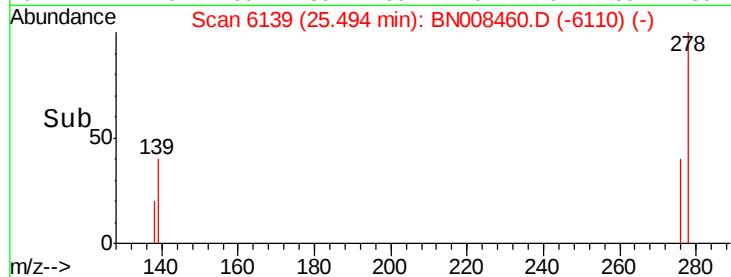
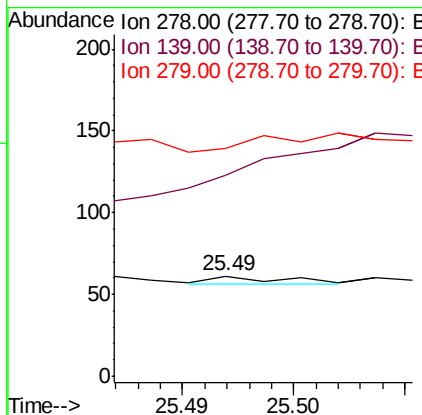
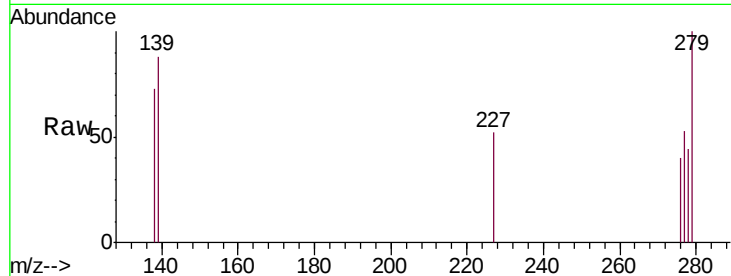


#25
Dibenzo(a,h)anthracene
Concen: 0.009 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.00 min
Lab File: BN008460.D
Acq: 05 Nov 2019 23:00

Instrument :
BNA_N
ClientSampleId :
JLNE0

Tgt Ion: 278 Resp: 2

Ion	Ratio	Lower	Upper
278	100		
139	201.6	17.8	26.6#
279	227.9	26.6	40.0#



#26
Benzo(g,h,i)perylene
Concen: Below Cal
RT: 26.12 min Scan# 6325
Delta R.T. -0.00 min
Lab File: BN008460.D
Acq: 05 Nov 2019 23:00

Tgt Ion: 276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
138	157.1	19.9	29.9#
277	130.4	20.9	31.3#

