

Data File : BN008486.D
Acq On : 07 Nov 2019 15:50
Operator : JU
Sample : K5565-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNA1

Quant Time: Nov 08 05:45:47 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 : Fri Nov 08 05:42:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1589	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.31	136	6686	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	3641	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.95
16) Chrysene-d12	21.15	240	5533	0.40	ng/ul	-0.01
20) Perylene-d12	23.31	264	6882	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2096	0.20	ng/ul	-0.02
14) Fluoranthene-d10	18.98	212	4795	0.00	ng/ul	0.00

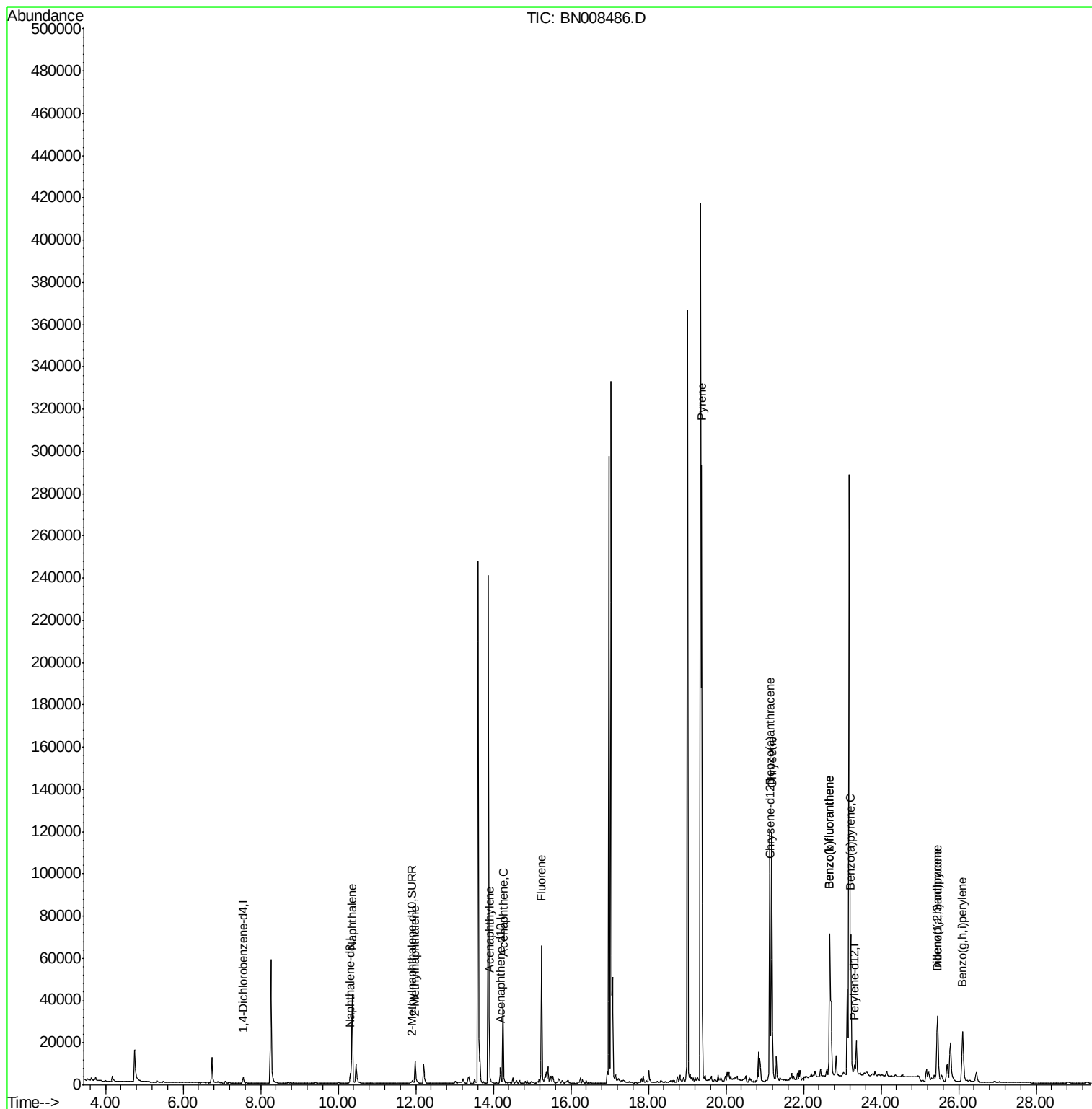
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.36	128	59311	3.117	ng/ul	97
5) 2-Methylnaphthalene	11.98	142	9340	0.737	ng/ul	98
7) Acenaphthylene	13.90	152	1318	0.078	ng/ul#	75
8) Acenaphthene	14.25	153	22565	1.643	ng/ul	98
9) Fluorene	15.25	166	38909	2.588	ng/ul	100
17) Pyrene	19.37	202	231818	8.580	ng/ul	100
18) Benzo(a)anthracene	21.13	228	98071	5.091	ng/ul	98
19) Chrysene	21.18	228	111925	4.565	ng/ul	99
21) Benzo(b)fluoranthene	22.67	252	140775	5.489	ng/ul	82
22) Benzo(k)fluoranthene	22.67	252	140775	4.827	ng/ul#	93
23) Benzo(a)pyrene	23.22	252	79136	3.065	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.45	276	49655	1.692	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.46	278	11489	0.494	ng/ul	98
26) Benzo(g,h,i)perylene	26.10	276	46827	1.780	ng/ul	96

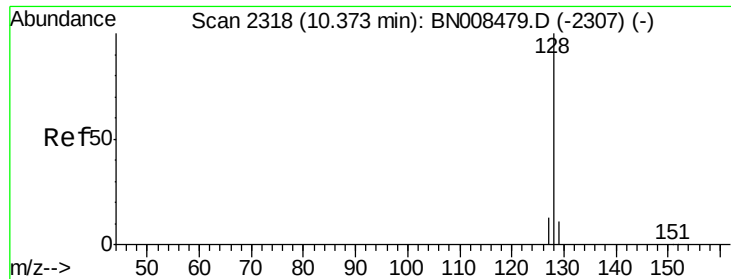
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.117 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.02 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Instrument :

BNA_N

ClientSampleId :

JLNA1

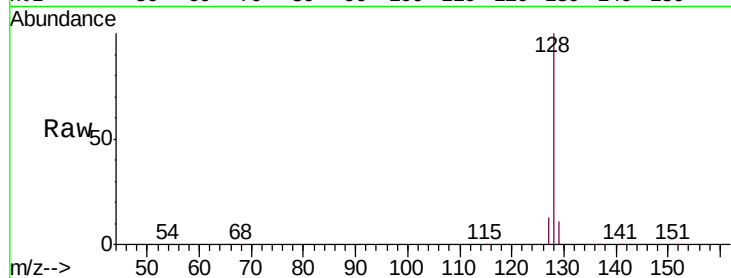
Tgt Ion:128 Resp: 59311

Ion Ratio Lower Upper

128 100

129 11.1 10.0 15.0

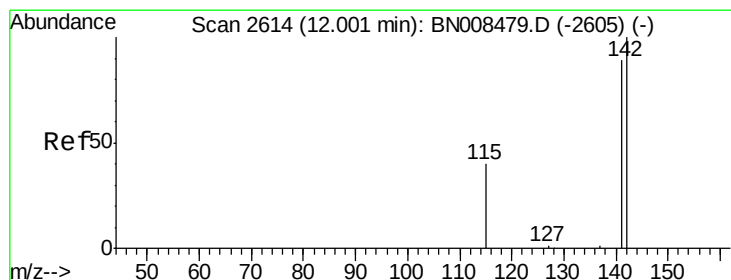
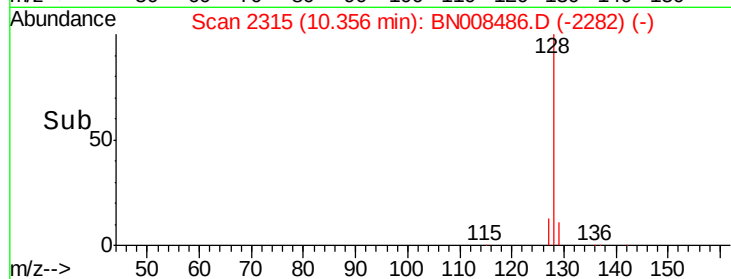
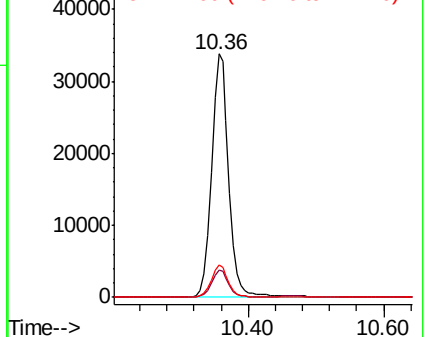
127 13.1 11.6 17.4



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: 0.737 ng/ul

RT: 11.98 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BN008486.D

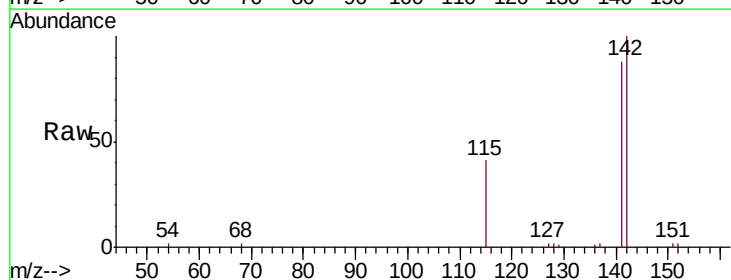
Acq: 07 Nov 2019 15:50

Tgt Ion:142 Resp: 9340

Ion Ratio Lower Upper

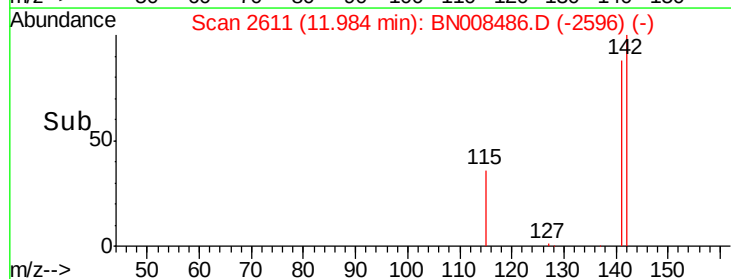
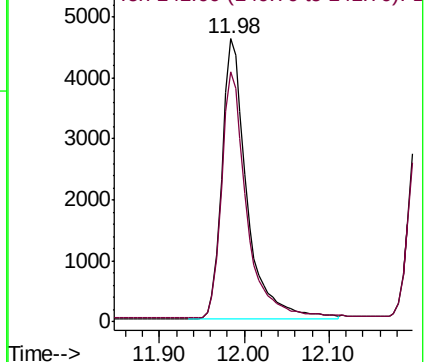
142 100

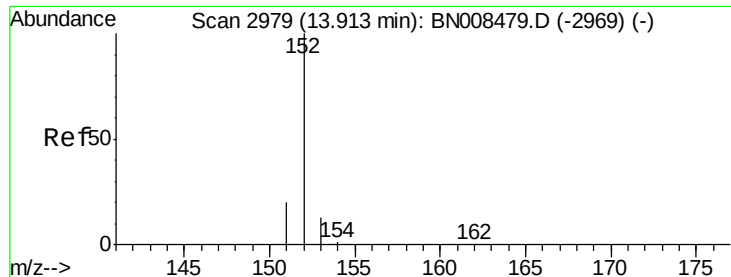
141 88.7 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.078 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Instrument :

BNA_N

ClientSampled :

JLNA1

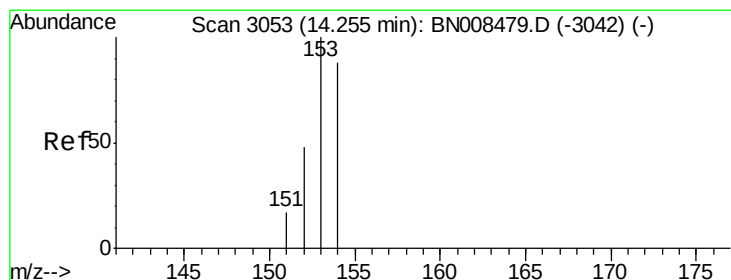
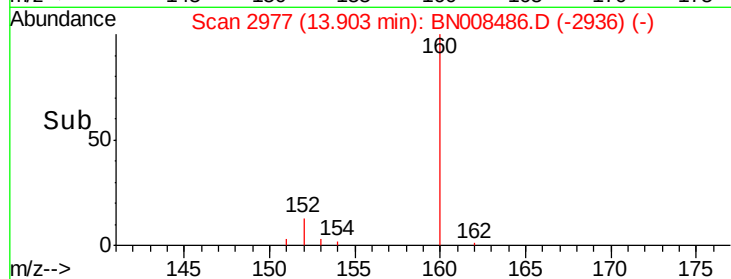
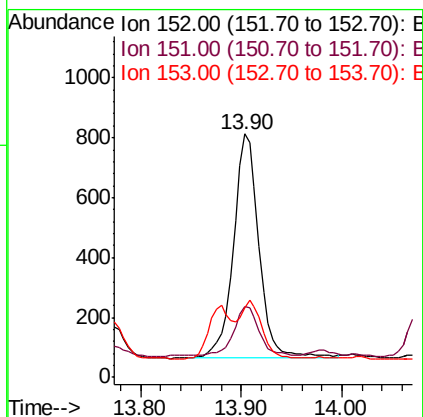
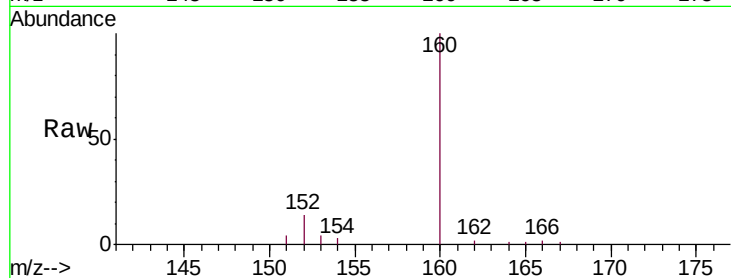
Tgt Ion:152 Resp: 1318

Ion Ratio Lower Upper

152 100

151 29.2 16.7 25.1#

153 28.7 11.4 17.2#



#8

Acenaphthene

Concen: 1.643 ng/ul

RT: 14.25 min Scan# 3052

Delta R.T. -0.00 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

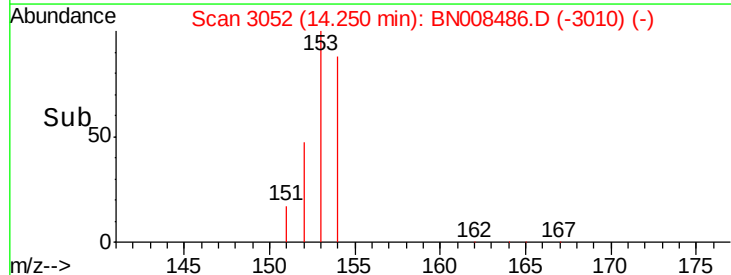
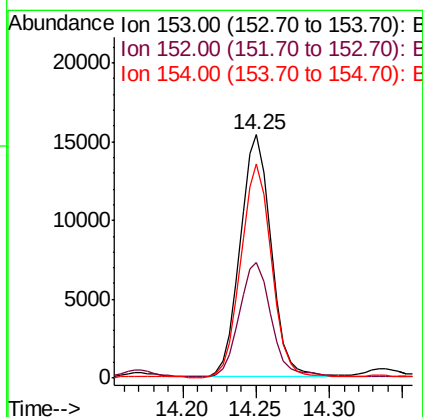
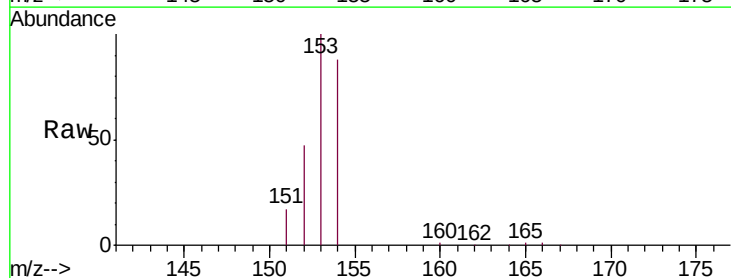
Tgt Ion:153 Resp: 22565

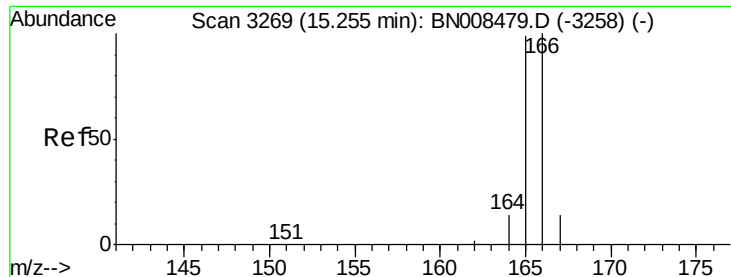
Ion Ratio Lower Upper

153 100

152 47.3 39.8 59.8

154 87.9 71.6 107.4





#9

Fluorene

Concen: 2.588 ng/ul

RT: 15.25 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Instrument :

BNA_N

ClientSampleId :

JLNA1

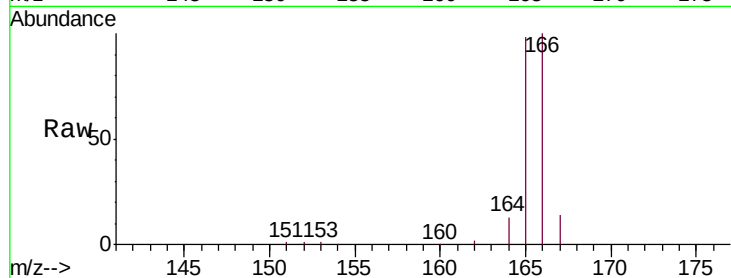
Tgt Ion:166 Resp: 38909

Ion Ratio Lower Upper

166 100

165 97.9 78.2 117.2

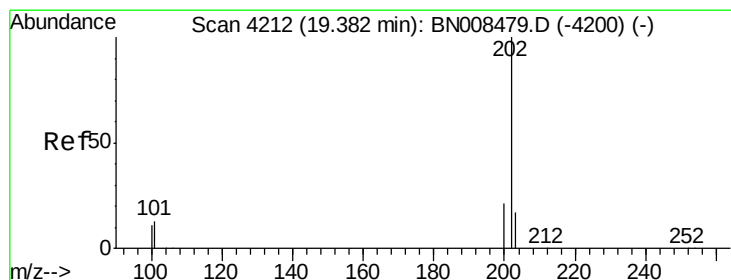
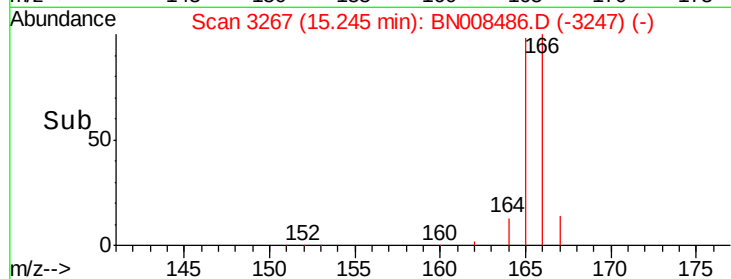
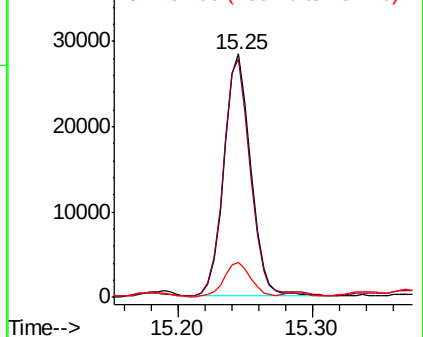
167 14.4 12.1 18.1



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: 8.580 ng/ul

RT: 19.37 min Scan# 4210

Delta R.T. -0.01 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

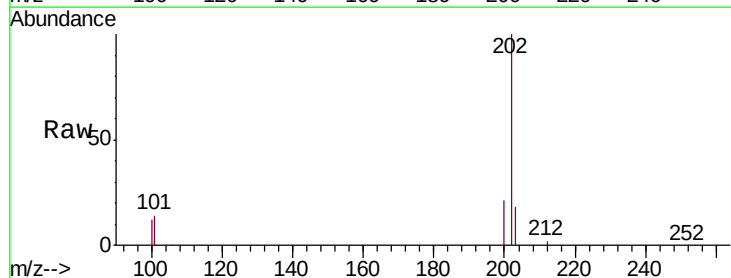
Tgt Ion:202 Resp: 231818

Ion Ratio Lower Upper

202 100

101 14.4 11.6 17.4

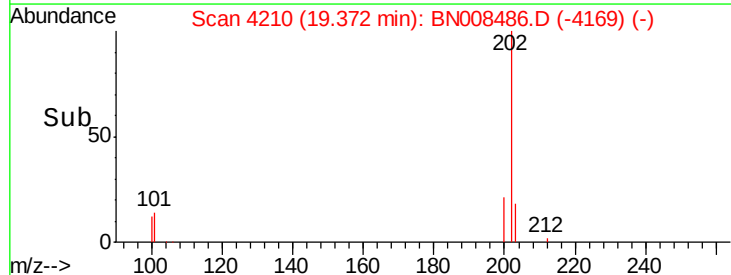
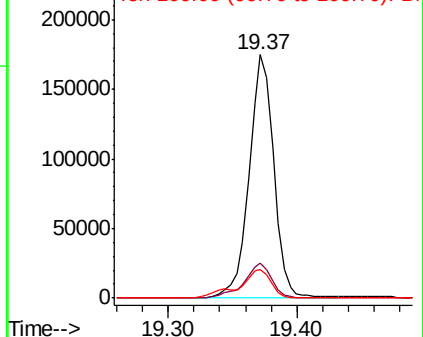
100 11.9 9.4 14.0

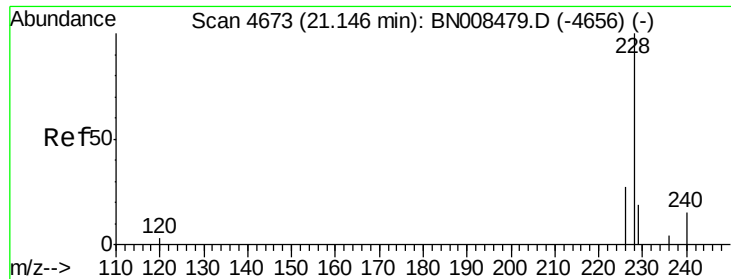


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 5.091 ng/ul

RT: 21.13 min Scan# 4669

Delta R.T. -0.01 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Instrument :

BNA_N

ClientSampled :

JLNA1

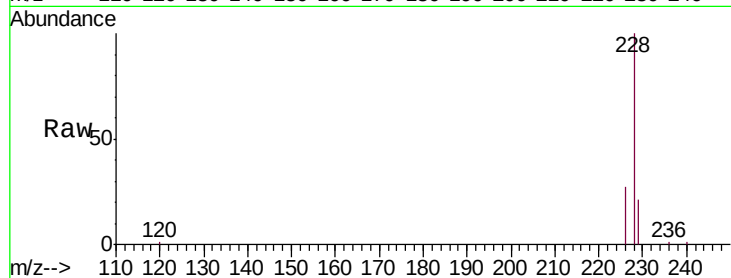
Tgt Ion:228 Resp: 98071

Ion Ratio Lower Upper

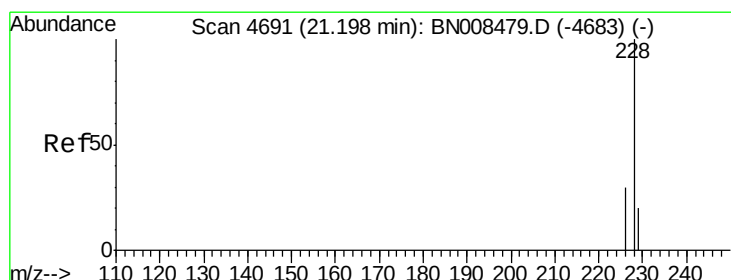
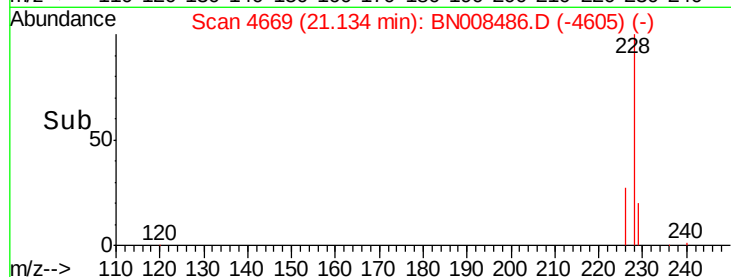
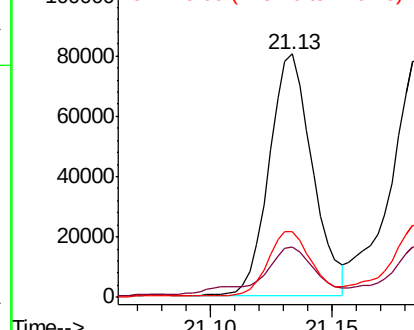
228 100

229 20.8 16.6 24.8

226 27.0 22.8 34.2



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: 4.565 ng/ul

RT: 21.18 min Scan# 4686

Delta R.T. -0.02 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

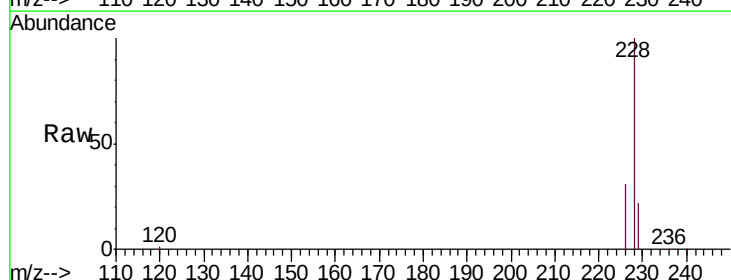
Tgt Ion:228 Resp: 111925

Ion Ratio Lower Upper

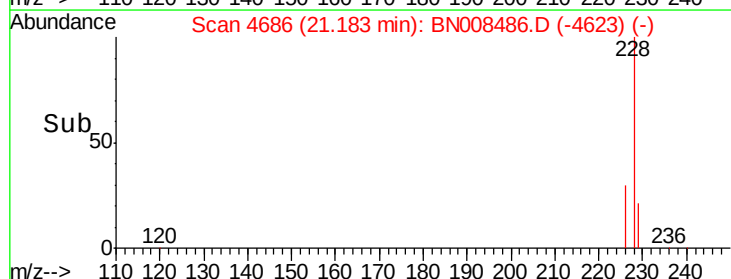
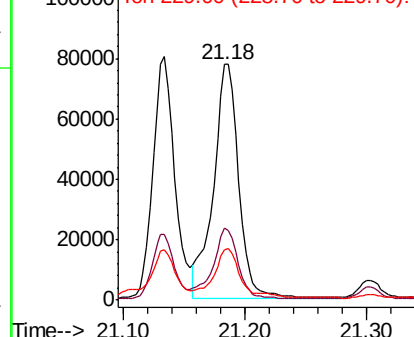
228 100

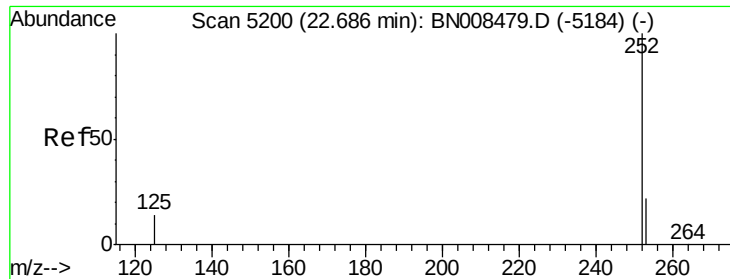
226 30.5 24.9 37.3

229 21.6 16.6 25.0



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: 5.489 ng/ul

RT: 22.67 min Scan# 5196

Delta R.T. -0.01 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Instrument :

BNA_N

ClientSampleId :

JLNA1

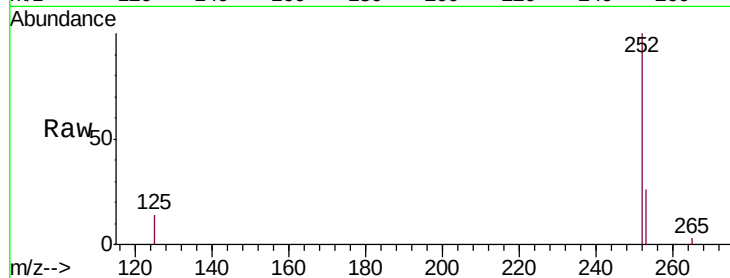
Tgt Ion:252 Resp: 140775

Ion Ratio Lower Upper

252 100

253 25.7 0.0 58.4

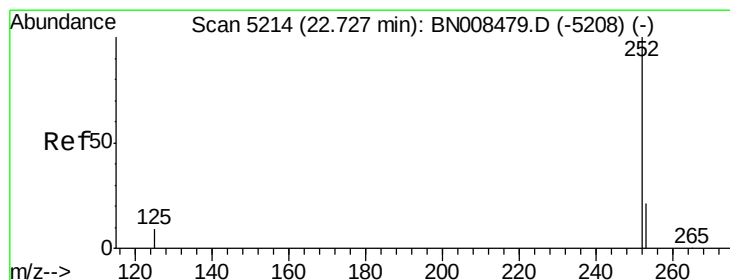
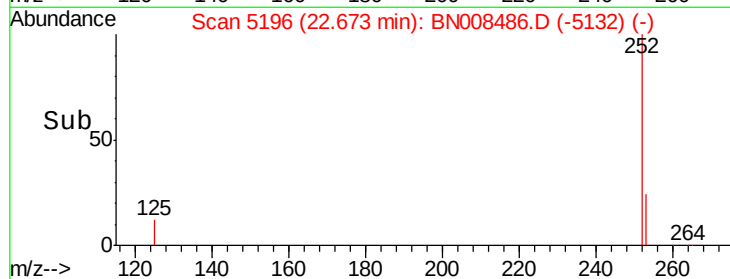
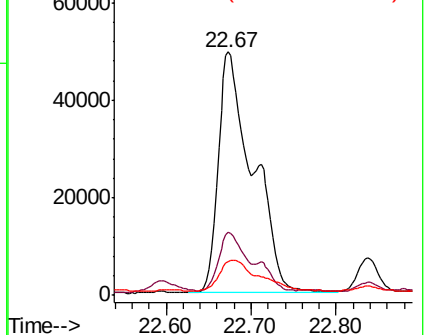
125 13.9 0.0 58.6



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: 4.827 ng/ul

RT: 22.67 min Scan# 5196

Delta R.T. -0.05 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

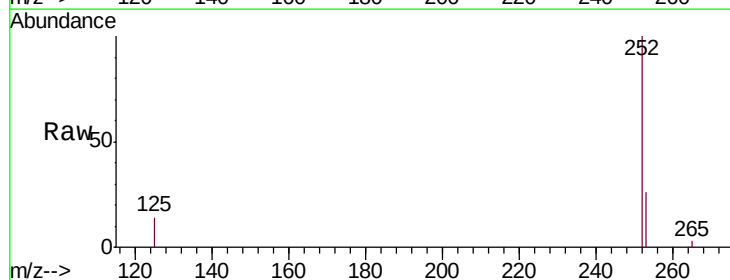
Tgt Ion:252 Resp: 140775

Ion Ratio Lower Upper

252 100

253 25.7 22.6 34.0

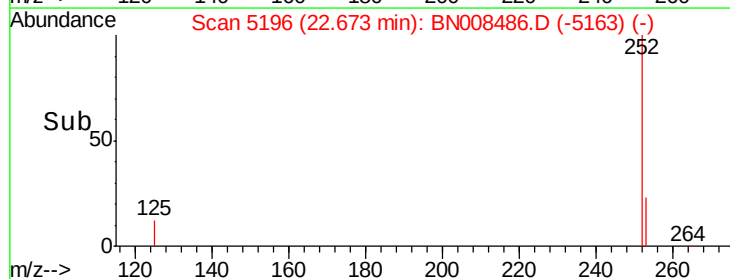
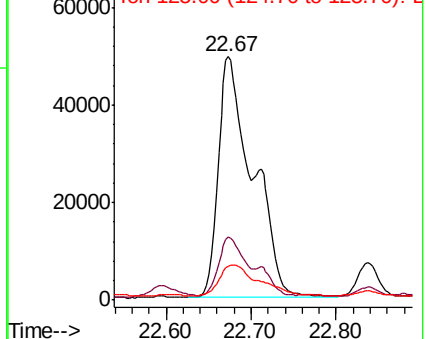
125 13.9 14.7 22.1#

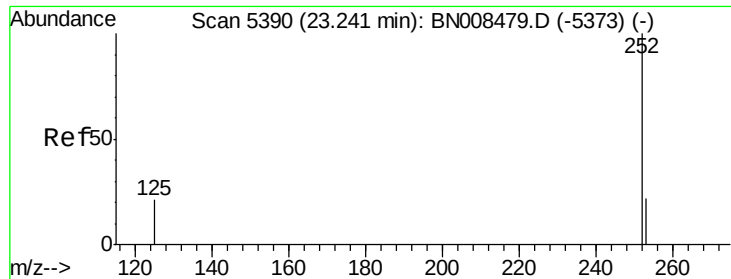


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.065 ng/ul

RT: 23.22 min Scan# 5383

Delta R.T. -0.02 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

Instrument :

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JLNA1

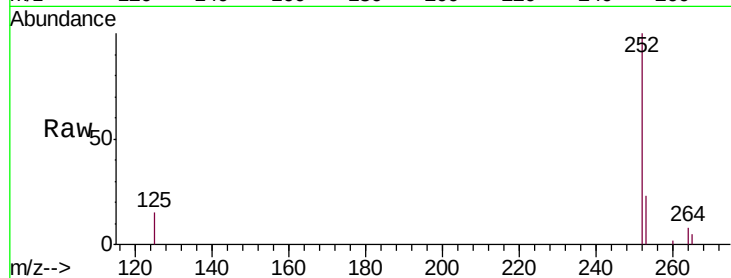
Tgt Ion:252 Resp: 79136

Ion Ratio Lower Upper

252 100

253 23.4 27.2 40.8#

125 15.1 37.0 55.6#

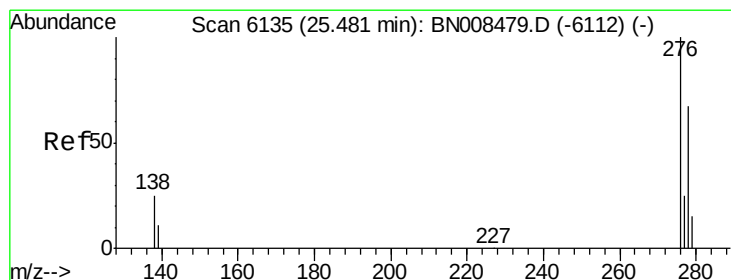
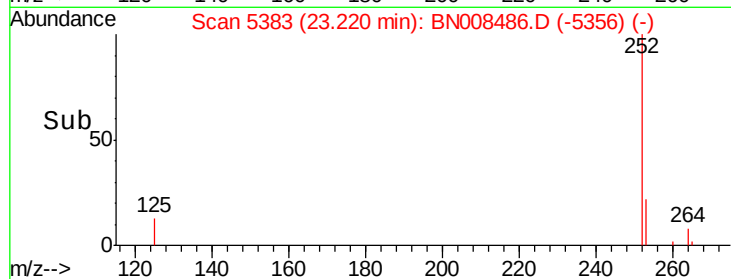
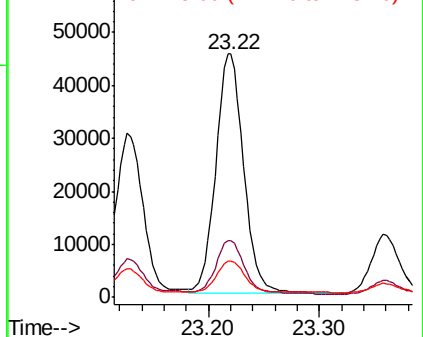


Abundance

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: 1.692 ng/ul

RT: 25.45 min Scan# 6127

Delta R.T. -0.03 min

Lab File: BN008486.D

Acq: 07 Nov 2019 15:50

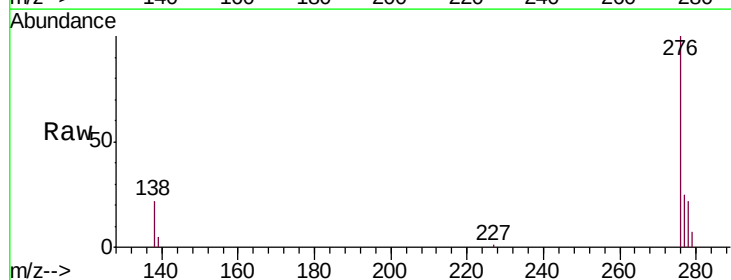
Tgt Ion:276 Resp: 49655

Ion Ratio Lower Upper

276 100

138 20.3 18.3 27.5

227 0.2 0.0 0.0#

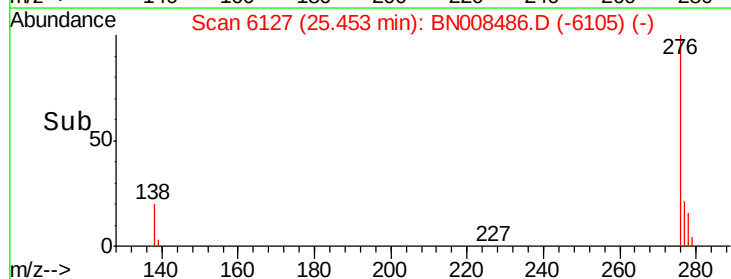
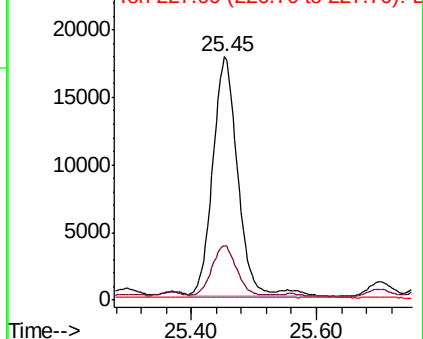


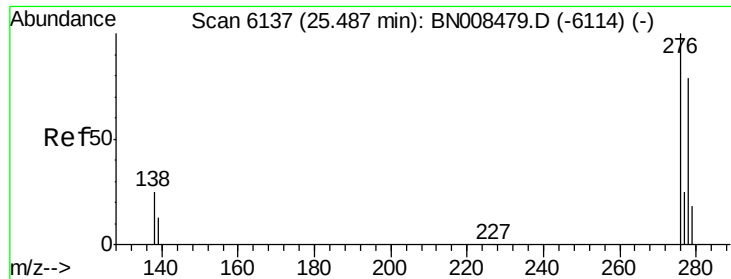
Abundance

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



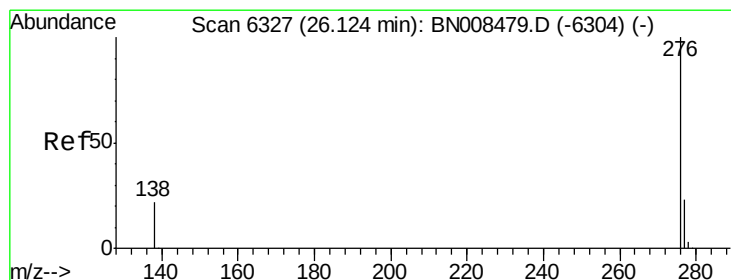
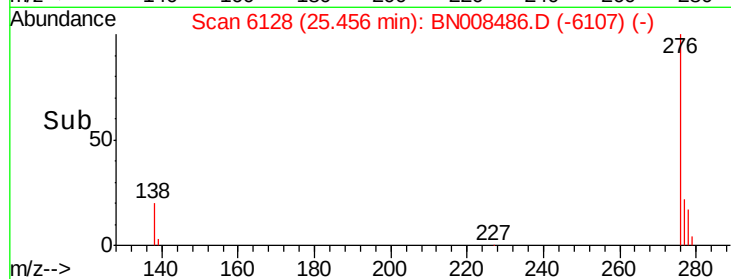
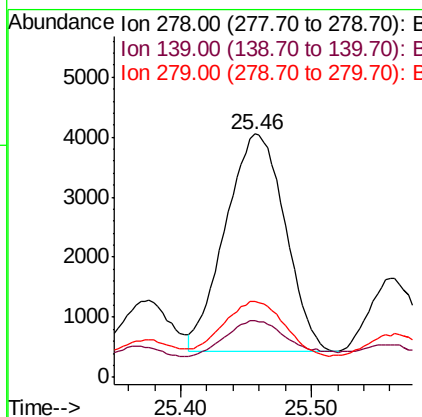
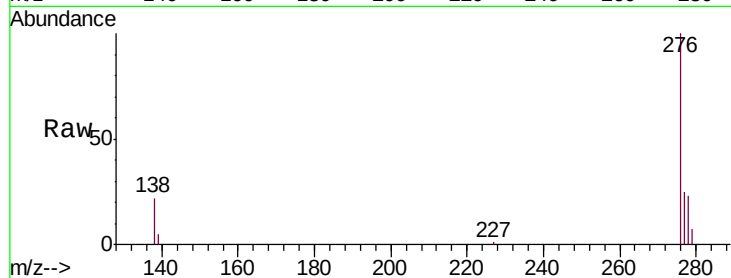


#25
Dibenzo(a,h)anthracene
Concen: 0.494 ng/ul
RT: 25.46 min Scan# 6128
Delta R.T. -0.03 min
Lab File: BN008486.D
Acq: 07 Nov 2019 15:50

Instrument :
BNA_N
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JLNA1

Tgt Ion: 278 Resp: 11489

Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.6	26.4
279	31.0	25.1	37.7



#26
Benzo(g,h,i)perylene
Concen: 1.780 ng/ul
RT: 26.10 min Scan# 6321
Delta R.T. -0.02 min
Lab File: BN008486.D
Acq: 07 Nov 2019 15:50

Tgt Ion: 276 Resp: 46827

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.1	30.1
277	24.6	20.6	31.0

