

Data File : BN008485.D
Acq On : 07 Nov 2019 15:14
Operator : JU
Sample : K5565-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNA0

Quant Time: Nov 08 05:45:39 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	1370	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.31	136	5512	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	2868	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5173	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	4229	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	5970	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	1452	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	3065	0.20	ng/ul	0.00

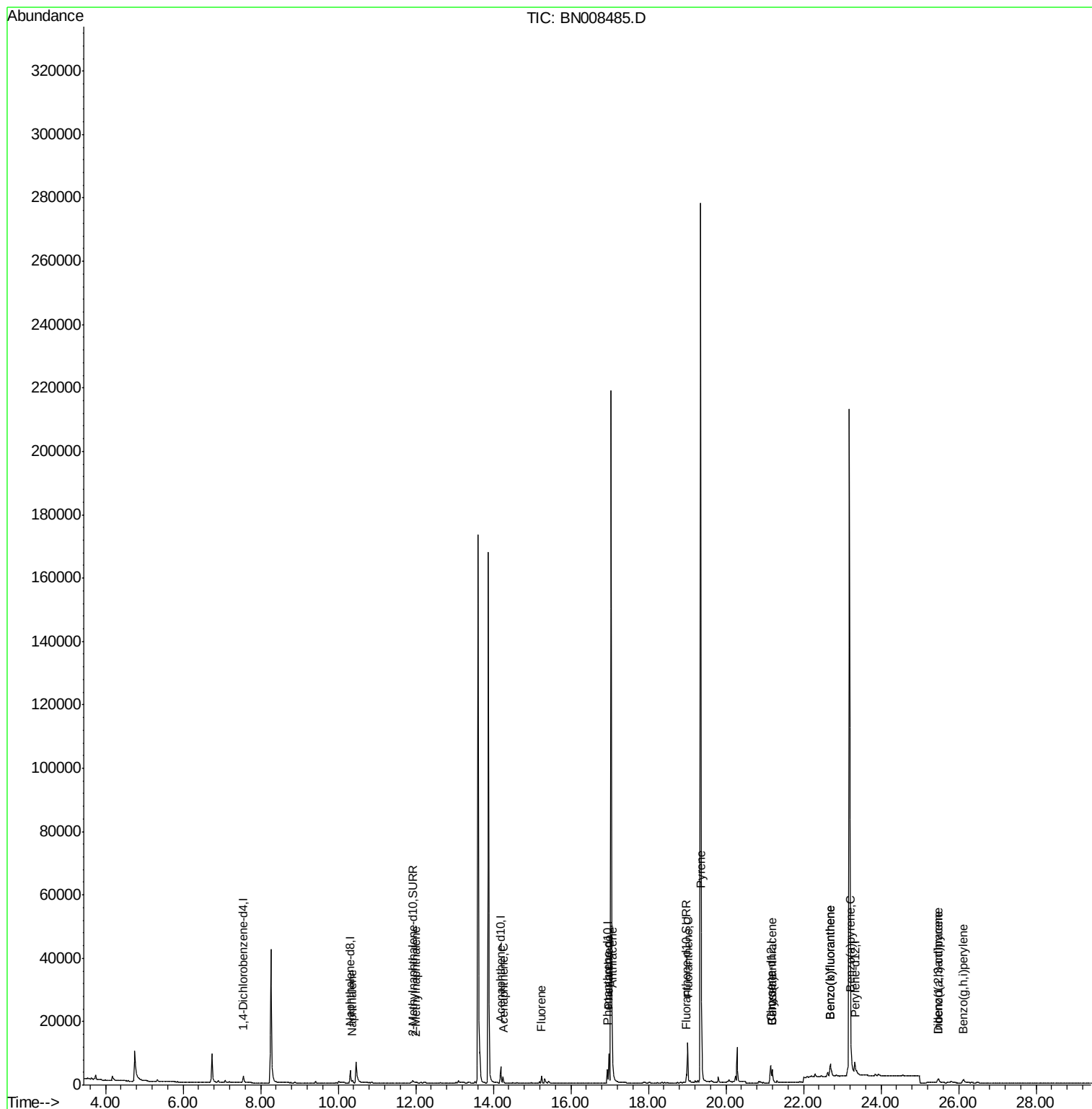
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.36	128	1041	0.066	ng/ul#	84
5) 2-Methylnaphthalene	12.00	142	284	0.027	ng/ul	97
8) Acenaphthene	14.25	153	1165	0.108	ng/ul	98
9) Fluorene	15.25	166	1509	0.127	ng/ul#	98
12) Phenanthrene	16.98	178	10234	0.651	ng/ul	100
13) Anthracene	17.07	178	2161	0.157	ng/ul#	91
15) Fluoranthene	19.01	202	11552	0.641	ng/ul	97
17) Pyrene	19.37	202	11355	0.550	ng/ul	96
18) Benzo(a)anthracene	21.19	228	4209	0.286	ng/ul	93
19) Chrysene	21.19	228	4451	0.237	ng/ul	96
21) Benzo(b)fluoranthene	22.69	252	7189	0.323	ng/ul	75
22) Benzo(k)fluoranthene	22.69	252	7200	0.285	ng/ul#	61
23) Benzo(a)pyrene	23.23	252	4009	0.179	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.47	276	2449	0.096	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.47	278	494	0.024	ng/ul#	6
26) Benzo(g,h,i)perylene	26.12	276	2561	0.112	ng/ul#	89

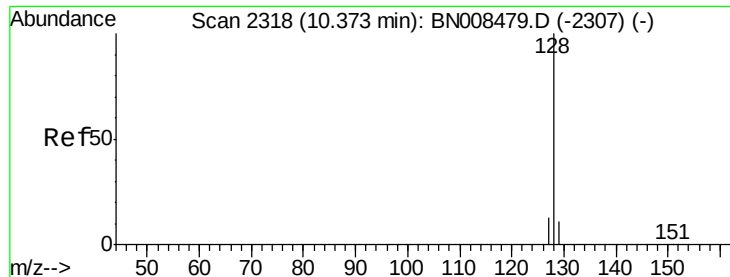
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.066 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. -0.01 min

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Acq: 07 Nov 2019 15:14

Instrument :

BNA_N

ClientSampleId :

JLNA0

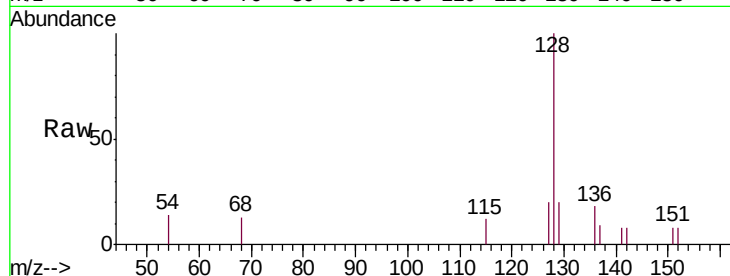
Tgt Ion:128 Resp: 1041

Ion Ratio Lower Upper

128 100

129 20.4 10.0 15.0#

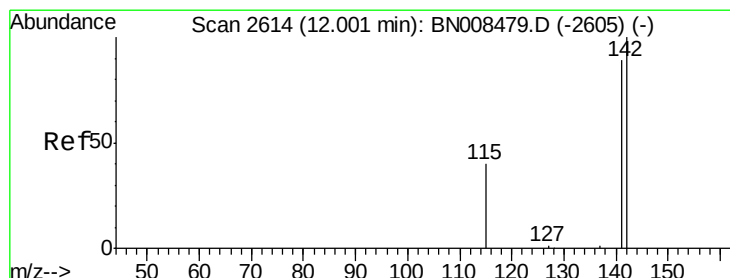
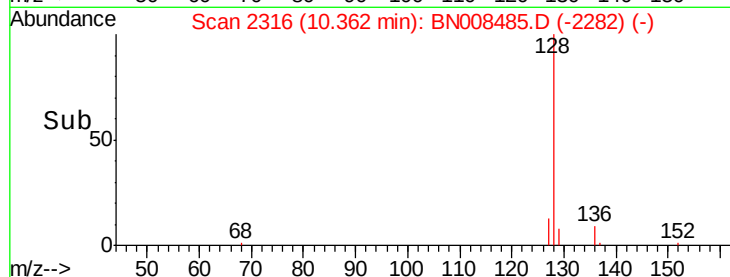
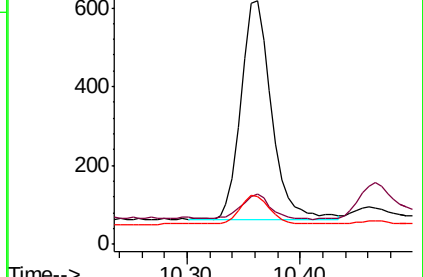
127 19.6 11.6 17.4#



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: 0.027 ng/ul

RT: 12.00 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BN008485.D

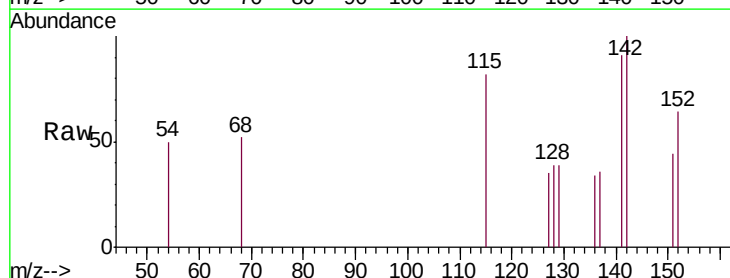
Acq: 07 Nov 2019 15:14

Tgt Ion:142 Resp: 284

Ion Ratio Lower Upper

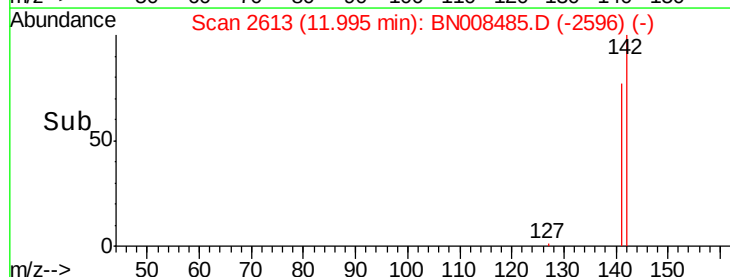
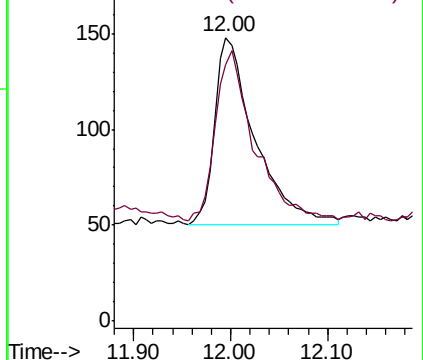
142 100

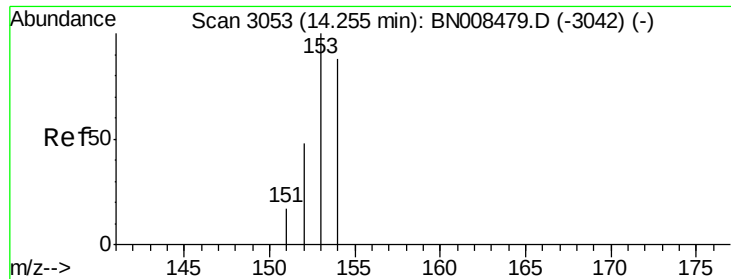
141 88.0 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.108 ng/ul

RT: 14.25 min Scan# 3052

Delta R.T. -0.00 min

Lab File: BN008485.D

Acq: 07 Nov 2019 15:14

Instrument :

BNA_N

ClientSampleId :

JLNA0

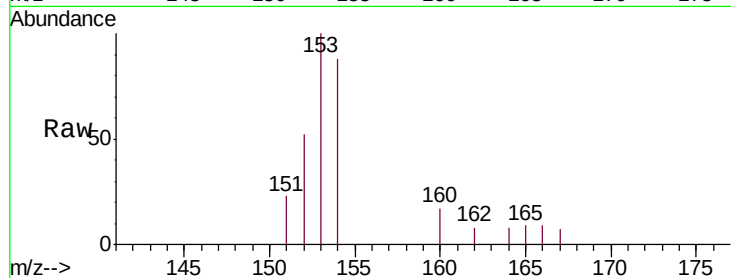
Tgt Ion:153 Resp: 1165

Ion Ratio Lower Upper

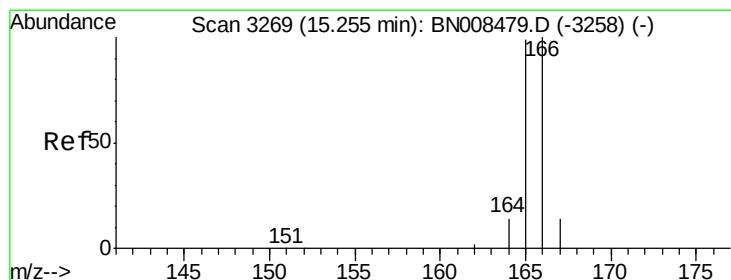
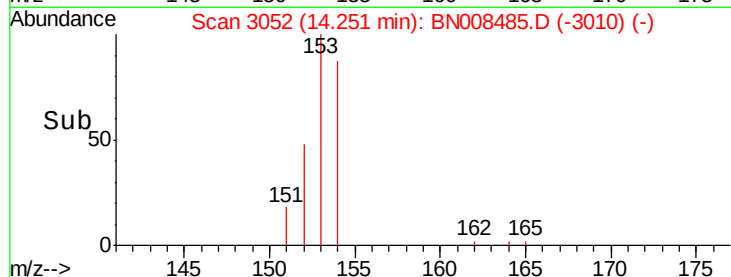
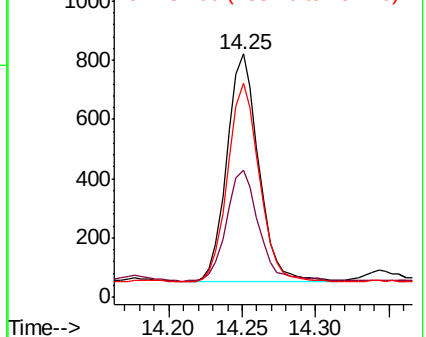
153 100

152 51.9 39.8 59.8

154 88.0 71.6 107.4



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: 0.127 ng/ul

RT: 15.25 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN008485.D

Acq: 07 Nov 2019 15:14

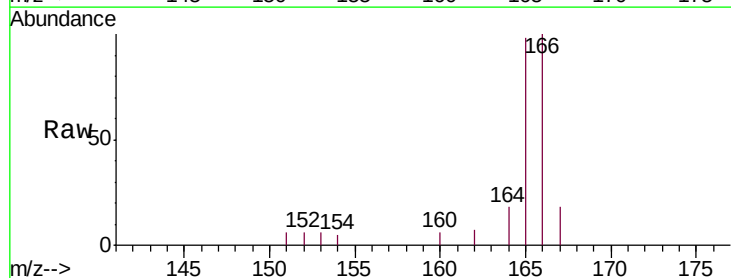
Tgt Ion:166 Resp: 1509

Ion Ratio Lower Upper

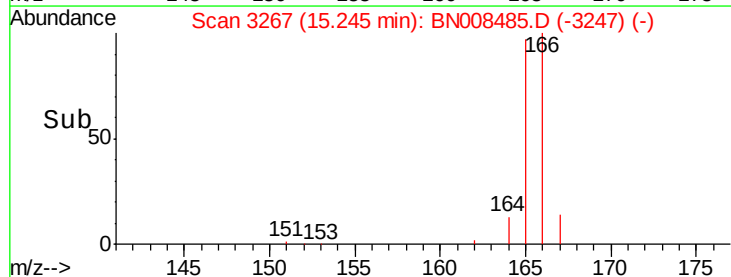
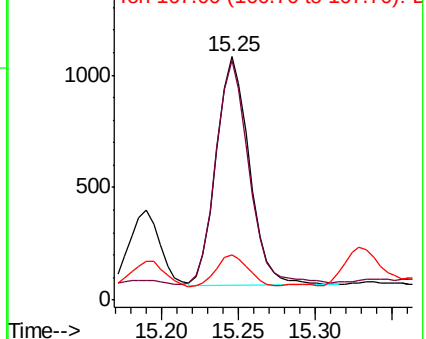
166 100

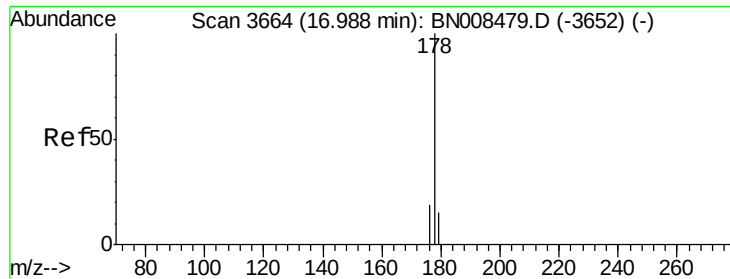
165 98.4 78.2 117.2

167 18.4 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





#12

Phenanthrene

Concen: 0.651 ng/ul

RT: 16.98 min Scan# 3663

Delta R.T. -0.00 min

Lab File: BN008485.D

Acq: 07 Nov 2019 15:14

Instrument :

BNA_N

ClientSampleId :

JLNA0

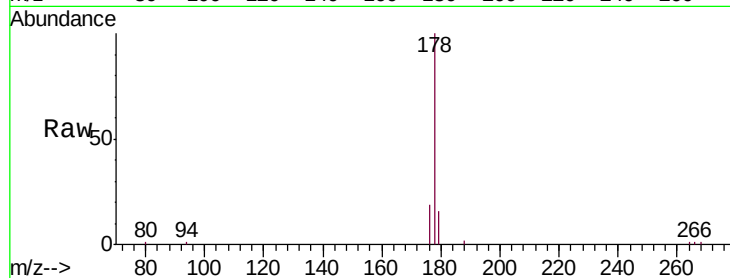
Tgt Ion:178 Resp: 10234

Ion Ratio Lower Upper

178 100

179 16.2 13.2 19.8

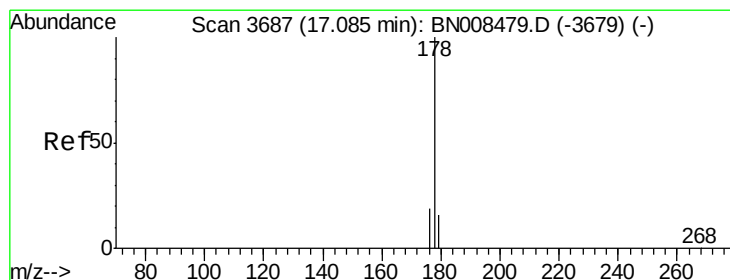
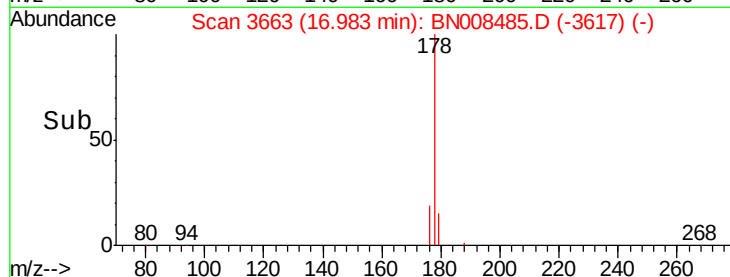
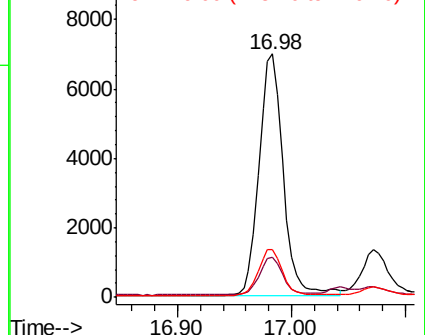
176 19.4 15.6 23.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.157 ng/ul

RT: 17.07 min Scan# 3684

Delta R.T. -0.01 min

Lab File: BN008485.D

Acq: 07 Nov 2019 15:14

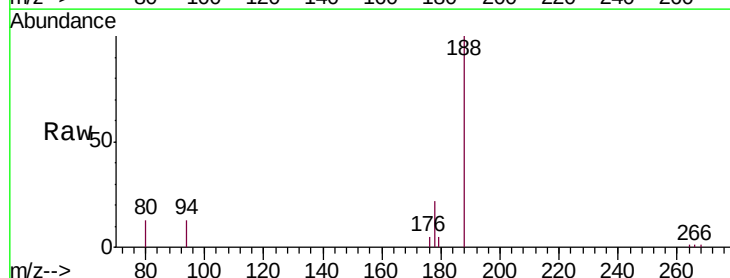
Tgt Ion:178 Resp: 2161

Ion Ratio Lower Upper

178 100

179 22.4 13.7 20.5#

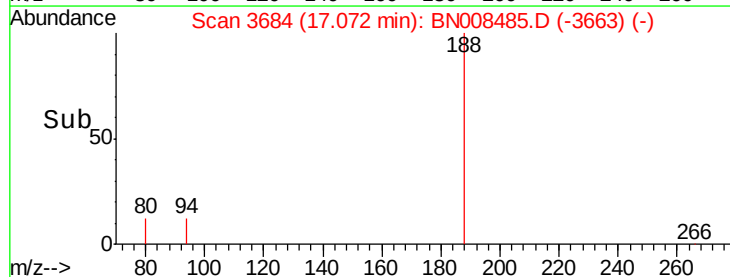
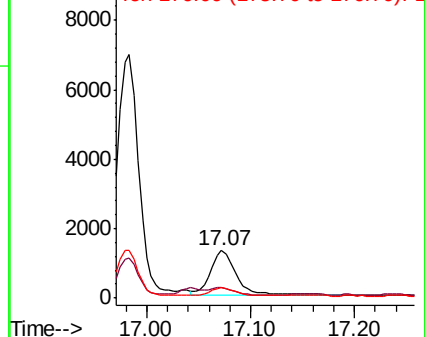
176 22.2 15.7 23.5

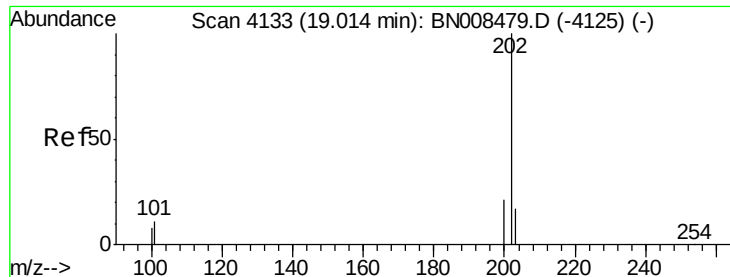


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.641 ng/ul

RT: 19.01 min Scan# 4133

Delta R.T. -0.00 min

Lab File: BN008485.D

Acq: 07 Nov 2019 15:14

Instrument :

BNA_N

ClientSampleId :

JLNA0

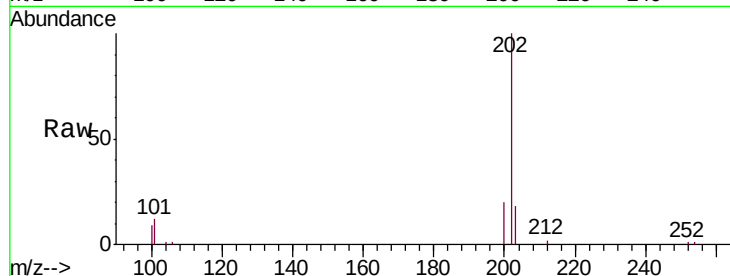
Tgt Ion:202 Resp: 11552

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.0

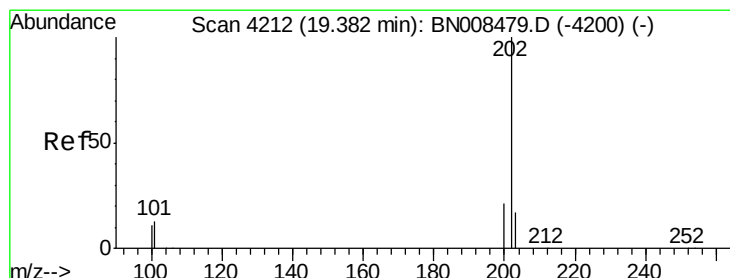
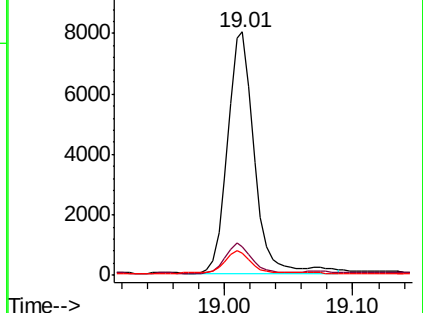
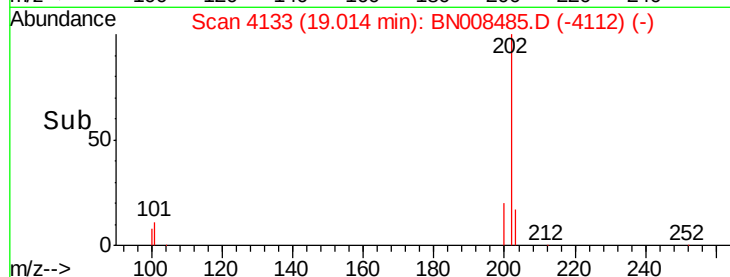
100 8.9 0.0 30.2



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



#17

Pyrene

Concen: 0.550 ng/ul

RT: 19.37 min Scan# 4210

Delta R.T. -0.01 min

Lab File: BN008485.D

Acq: 07 Nov 2019 15:14

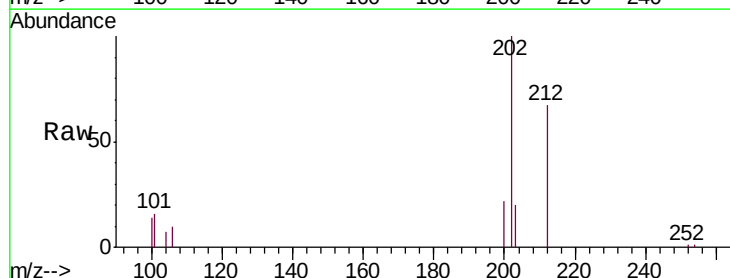
Tgt Ion:202 Resp: 11355

Ion Ratio Lower Upper

202 100

101 15.8 11.6 17.4

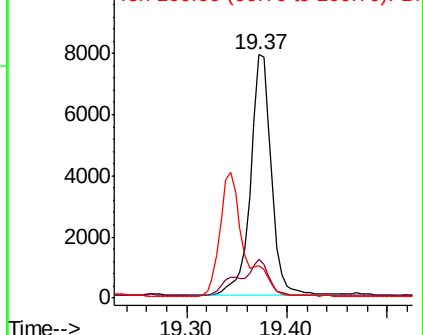
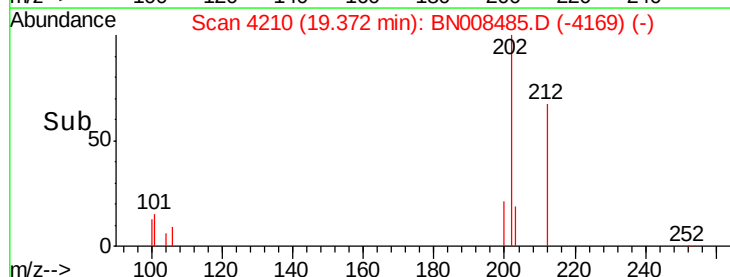
100 13.6 9.4 14.0

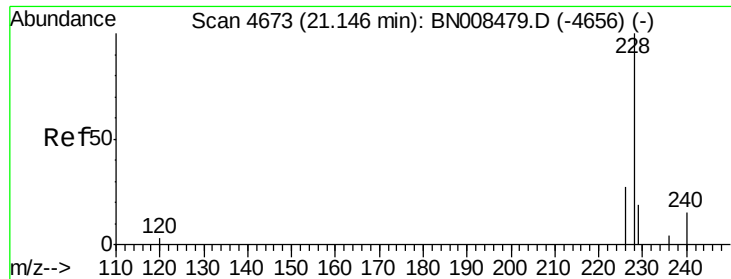


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.286 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. 0.05 min

Lab File: BN008485.D

Acq: 07 Nov 2019 15:14

Instrument :

BNA_N

ClientSampleId :

JLNA0

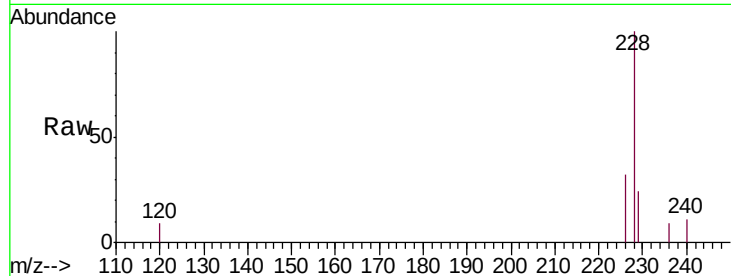
Tgt Ion:228 Resp: 4209

Ion Ratio Lower Upper

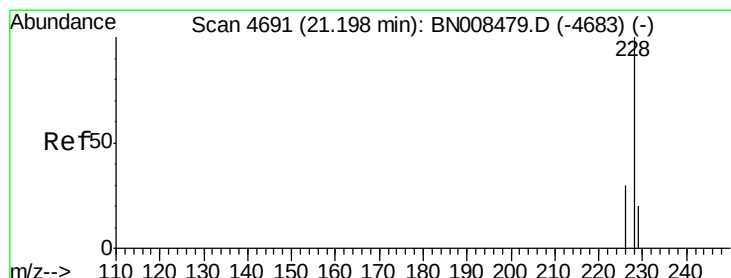
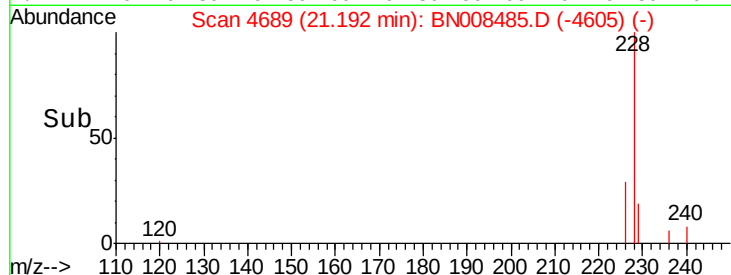
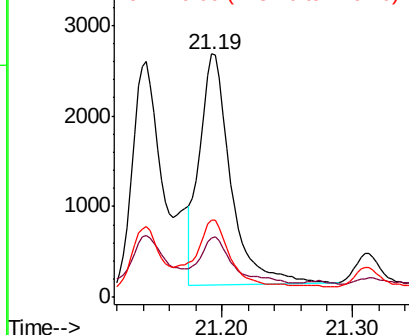
228 100

229 24.5 16.6 24.8

226 31.9 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: 0.237 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.01 min

Lab File: BN008485.D

Acq: 07 Nov 2019 15:14

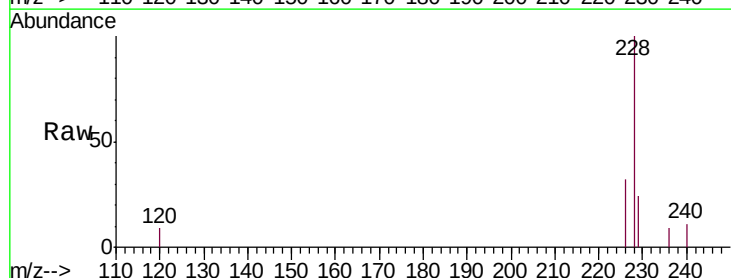
Tgt Ion:228 Resp: 4451

Ion Ratio Lower Upper

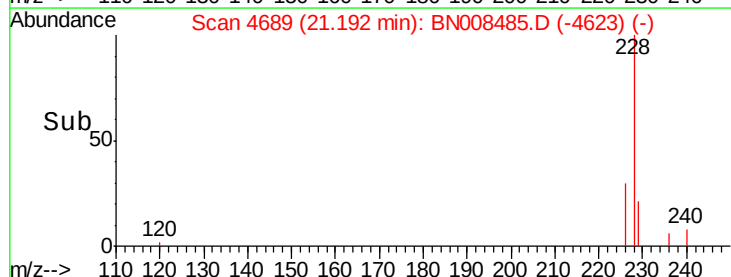
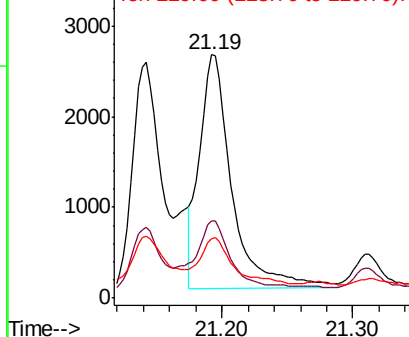
228 100

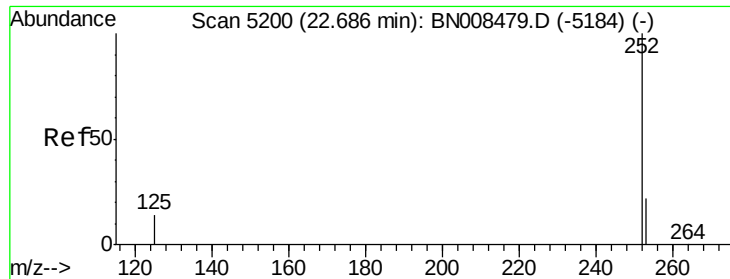
226 31.9 24.9 37.3

229 24.5 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: 0.323 ng/ul

RT: 22.69 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BN008485.D

Acq: 07 Nov 2019 15:14

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JLNA0

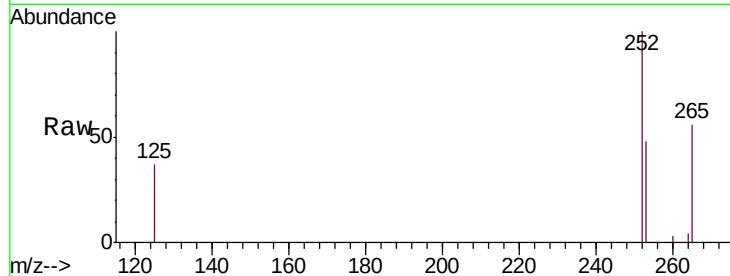
Tgt Ion:252 Resp: 7189

Ion Ratio Lower Upper

252 100

253 48.3 0.0 58.4

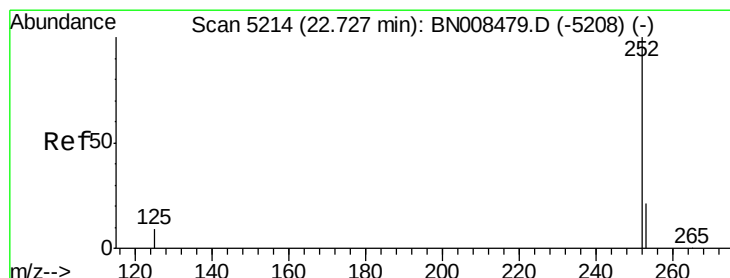
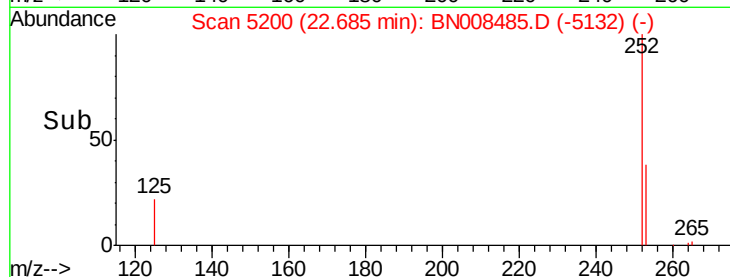
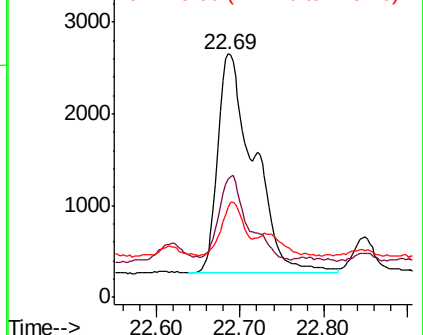
125 36.8 0.0 58.6



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: 0.285 ng/ul

RT: 22.69 min Scan# 5200

Delta R.T. -0.04 min

Lab File: BN008485.D

Acq: 07 Nov 2019 15:14

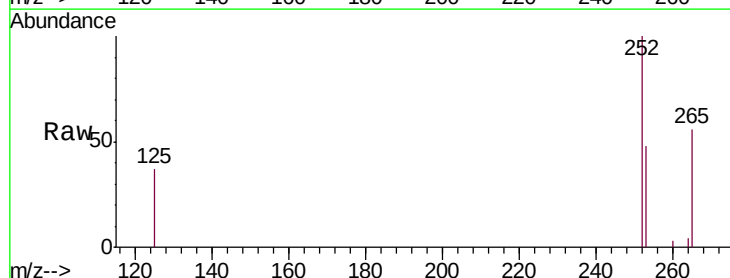
Tgt Ion:252 Resp: 7200

Ion Ratio Lower Upper

252 100

253 48.3 22.6 34.0#

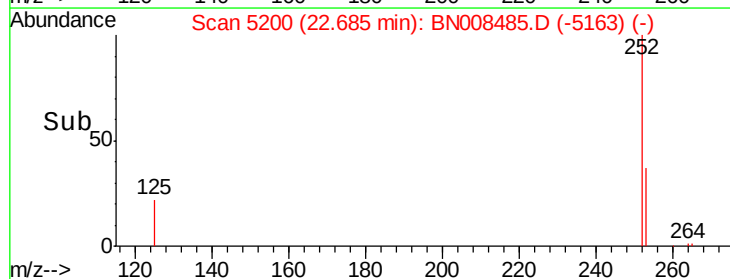
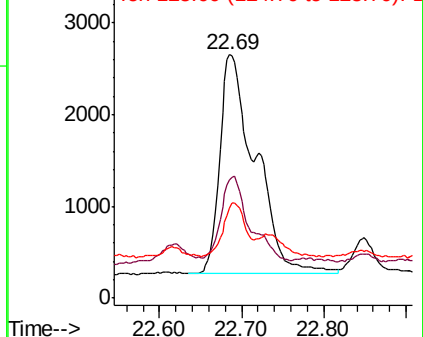
125 36.8 14.7 22.1#

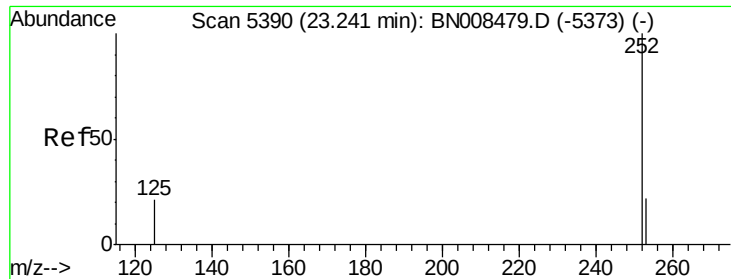


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.179 ng/ul

RT: 23.23 min Scan# 5385

Delta R.T. -0.02 min

Lab File: BN008485.D

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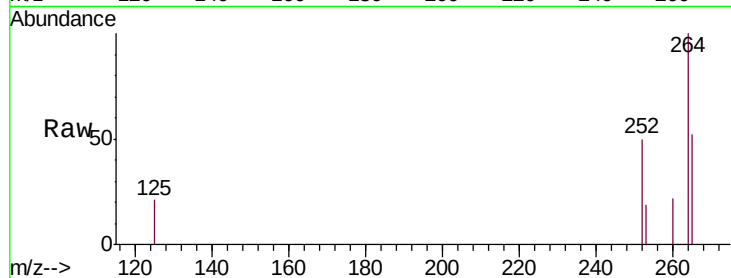
Tgt Ion:252 Resp: 4009

Ion Ratio Lower Upper

252 100

253 37.0 27.2 40.8

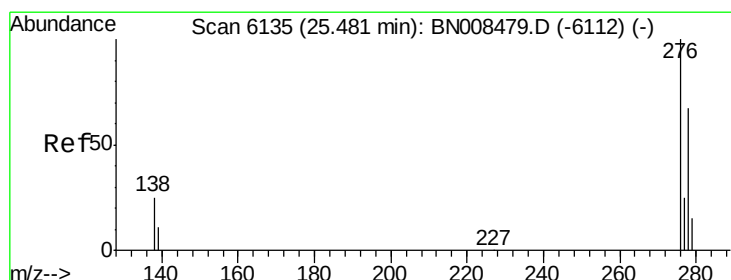
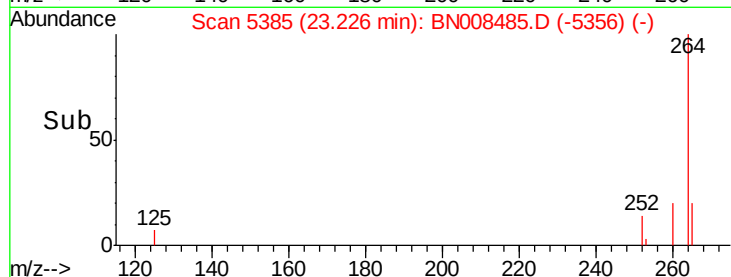
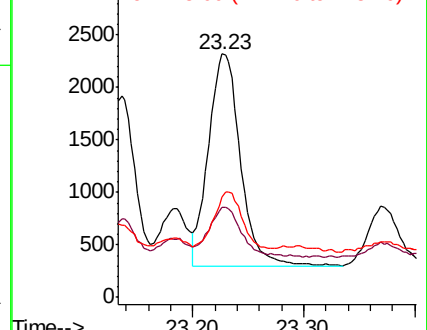
125 41.0 37.0 55.6



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: 0.096 ng/ul

RT: 25.47 min Scan# 6133

Delta R.T. -0.01 min

Lab File: BN008485.D

Acq: 07 Nov 2019 15:14

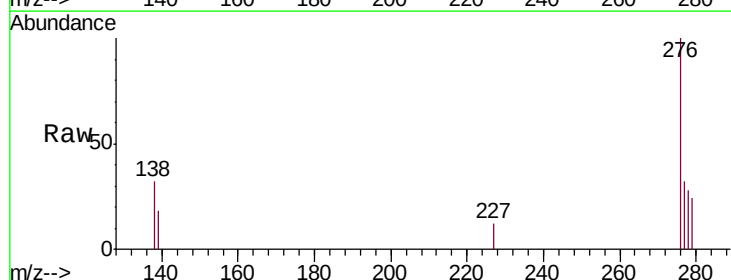
Tgt Ion:276 Resp: 2449

Ion Ratio Lower Upper

276 100

138 25.2 18.3 27.5

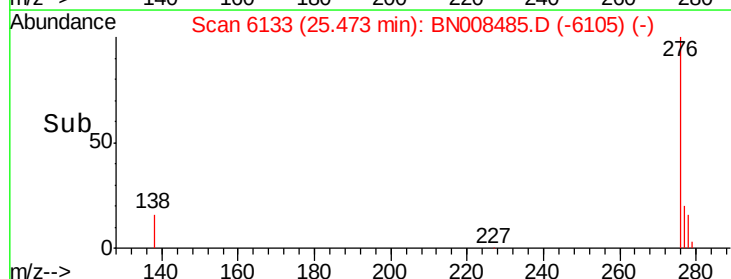
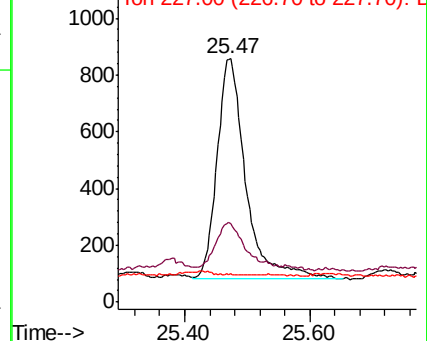
227 0.0 0.0 0.0

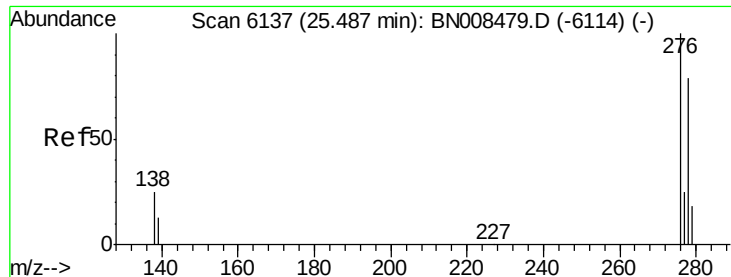


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

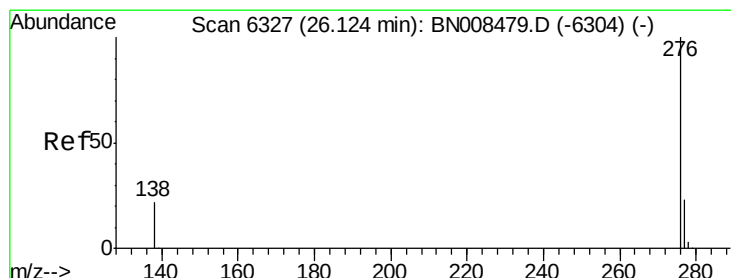
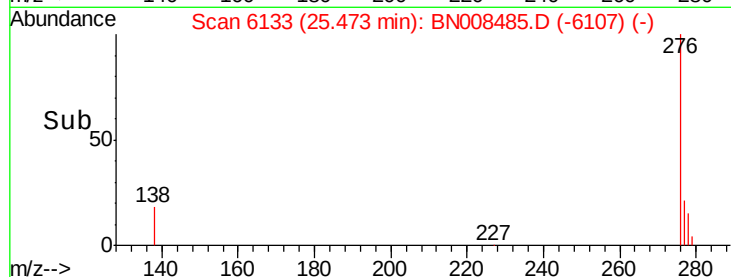
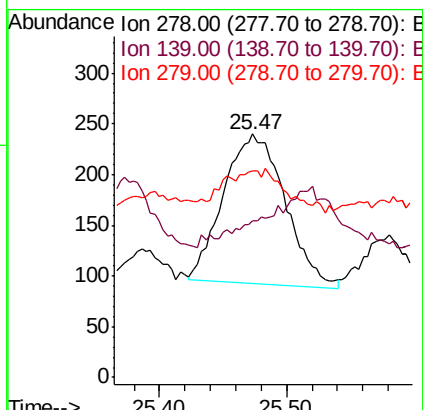
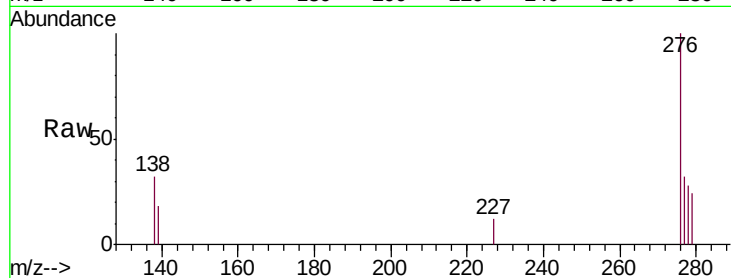




#25
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.47 min Scan# 6133
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Instrument :
BNA_N
ClientSampleId :
JLNA0

Tgt Ion: 278 Resp: 494
Ion Ratio Lower Upper
278 100
139 64.6 17.6 26.4#
279 85.0 25.1 37.7#



#26
Benzo(g,h,i)perylene
Concen: 0.112 ng/ul
RT: 26.12 min Scan# 6325
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion: 276 Resp: 2561
Ion Ratio Lower Upper
276 100
138 31.3 20.1 30.1#
277 31.0 20.6 31.0

