

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007489.D
 Acq On : 29 Aug 2019 04:10
 Operator : HP/JU
 Sample : K4395-05DL 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 29 06:42:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 03:32:53 2019
 Response via : Initial Calibration

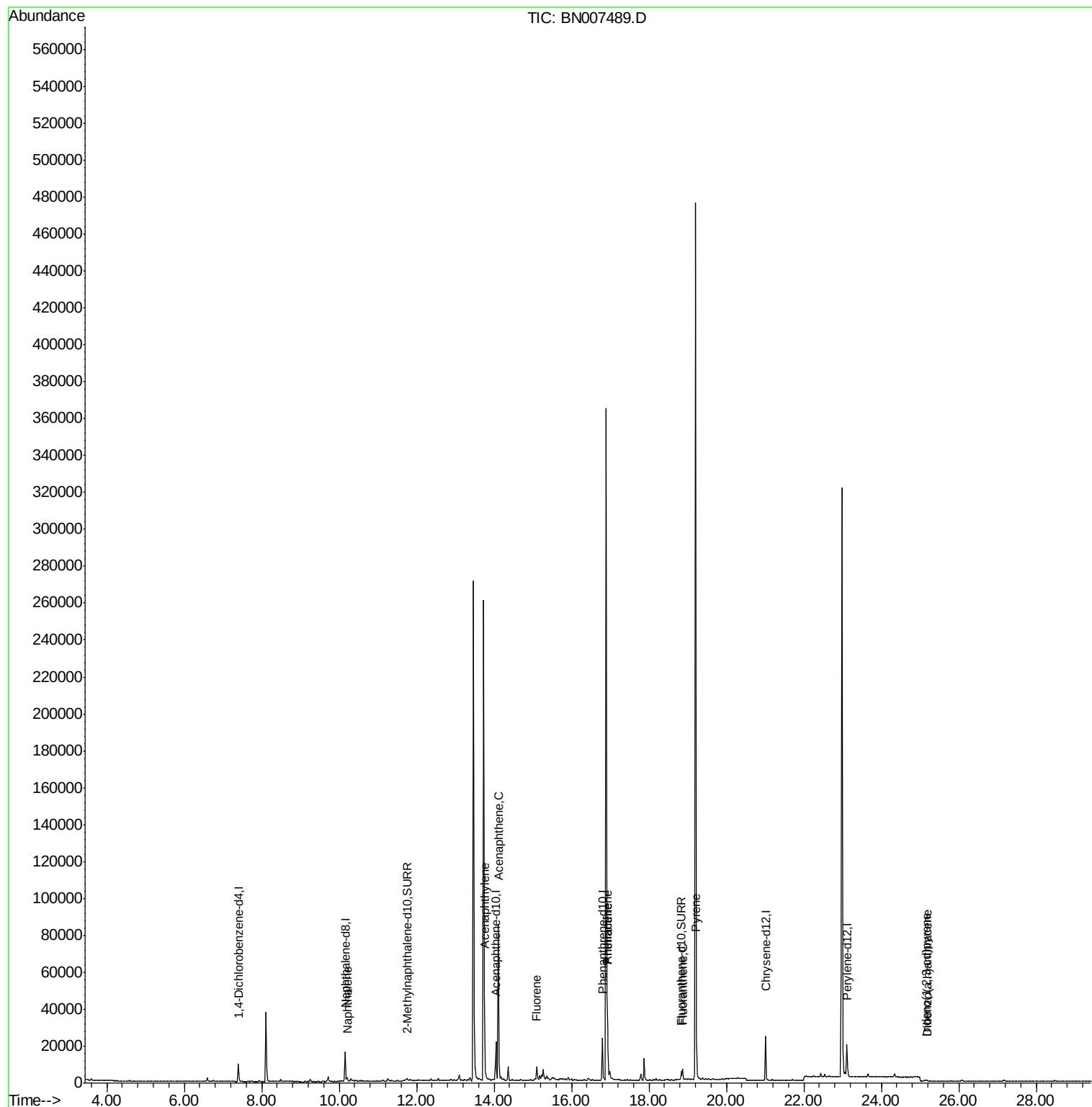
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4968	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	22015	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	11339	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	26100	0.40	ng/ul	0.00
16) Chrysene-d12	21.01	240	20871	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	22796	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	2124	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	5103	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	2336	0.038	ng/ul#	85
7) Acenaphthylene	13.76	152	2377	0.038	ng/ul#	78
8) Acenaphthene	14.11	153	48746	1.075	ng/ul	99
9) Fluorene	15.10	166	4168	0.085	ng/ul#	85
12) Phenanthrene	16.93	178	35661	0.438	ng/ul	100
13) Anthracene	16.93	178	35497	0.462	ng/ul	99
15) Fluoranthene	18.87	202	5145	0.047	ng/ul	93
17) Pyrene	19.23	202	6945	0.068	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.18	276	2345	0.021	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.20	278	2385	0.027	ng/ul#	1

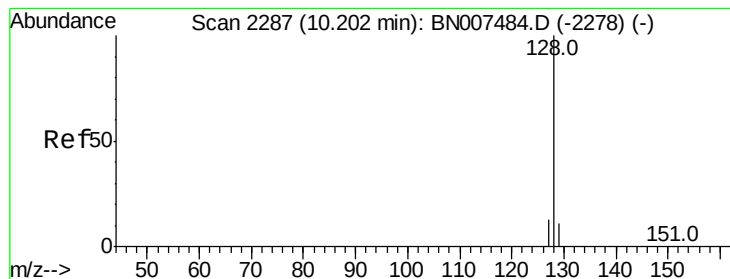
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.038 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BN007489.D

Acq: 29 Aug 2019 04:10

Instrument :

BNA_N

ClientSampleId :

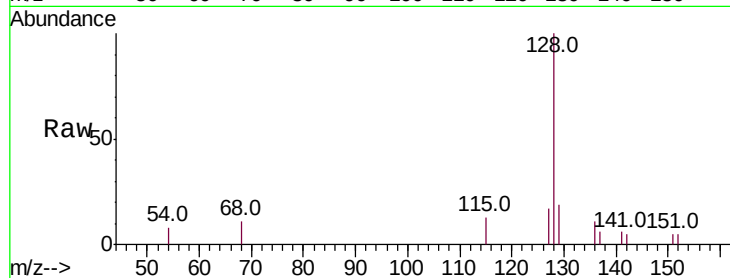
Tot Ion:128 Resp: 2336

Ion Ratio Lower Upper

128 100

129 18.8 9.2 13.8#

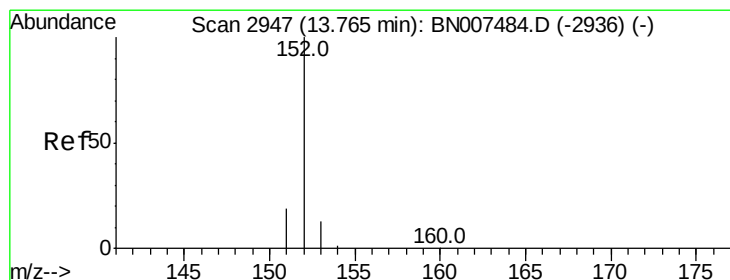
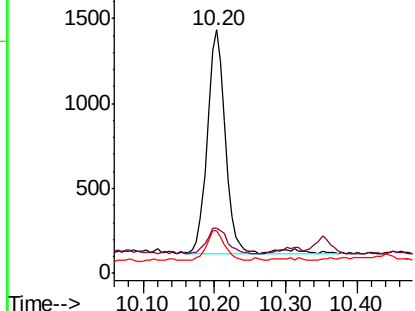
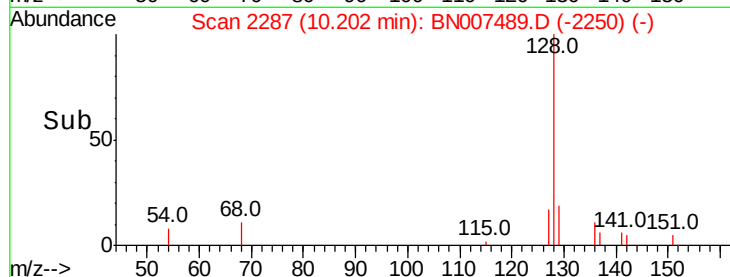
127 17.4 10.4 15.6#



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



#7

Acenaphthylene

Concen: 0.038 ng/ul

RT: 13.76 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BN007489.D

Acq: 29 Aug 2019 04:10

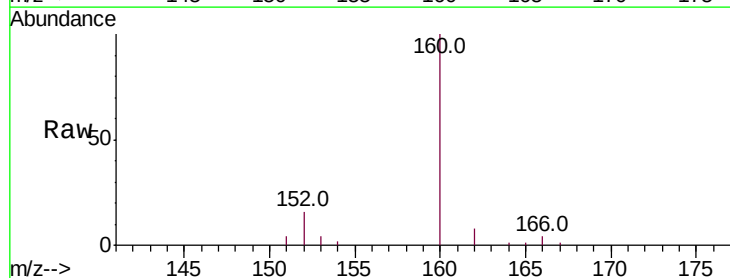
Tgt Ion:152 Resp: 2377

Ion Ratio Lower Upper

152 100

151 26.5 15.8 23.6#

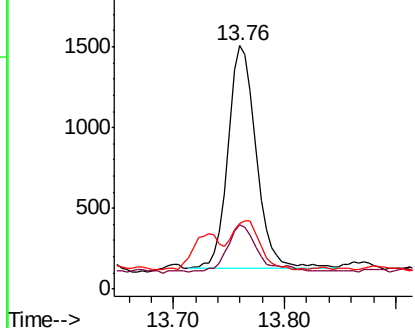
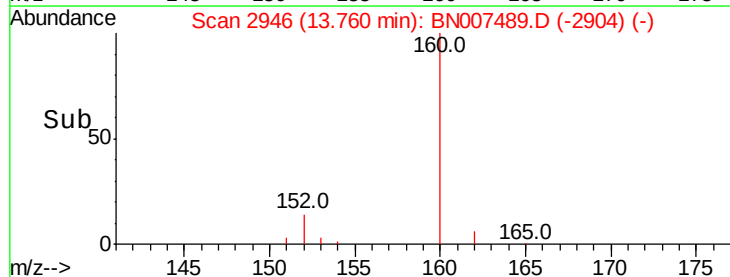
153 26.8 10.8 16.2#

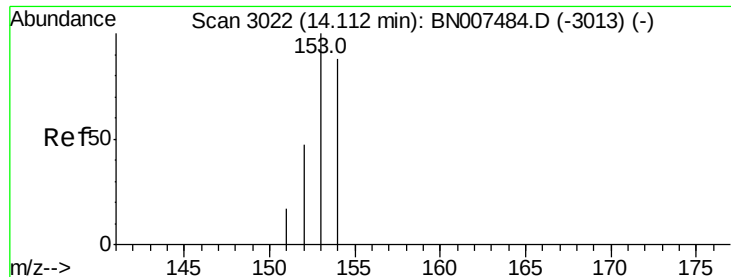


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 1.075 ng/ul

RT: 14.11 min Scan# 3021

Delta R.T. -0.00 min

Lab File: BN007489.D

Acq: 29 Aug 2019 04:10

Instrument :

BNA_N

ClientSampleId :

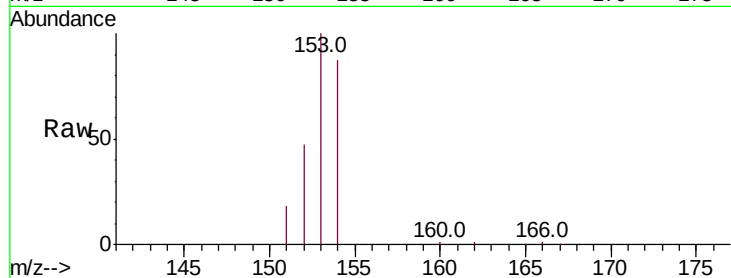
Tot Ion:153 Resp: 48746

Ion Ratio Lower Upper

153 100

152 47.5 39.1 58.7

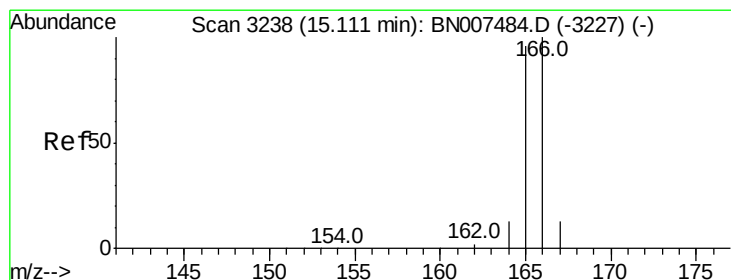
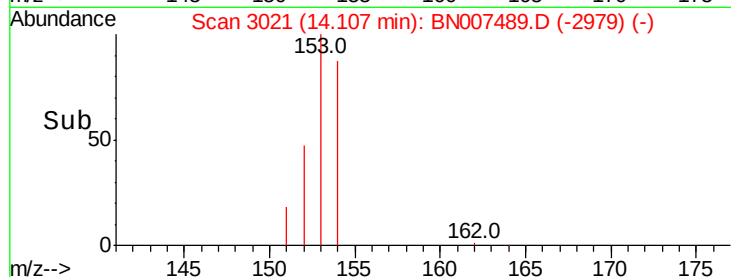
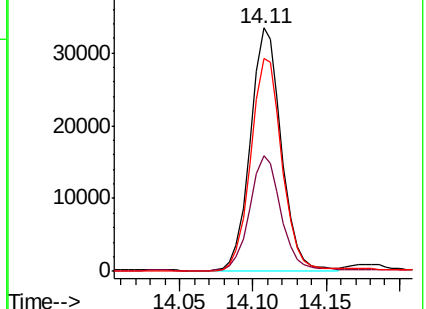
154 87.4 69.4 104.2



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: 0.085 ng/ul

RT: 15.10 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BN007489.D

Acq: 29 Aug 2019 04:10

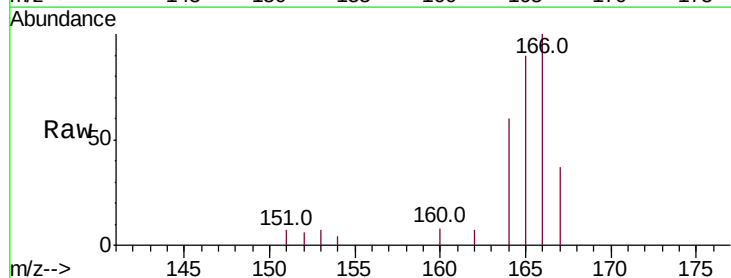
Tgt Ion:166 Resp: 4168

Ion Ratio Lower Upper

166 100

165 90.3 79.6 119.4

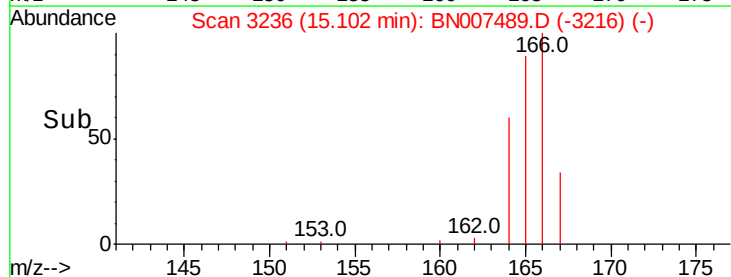
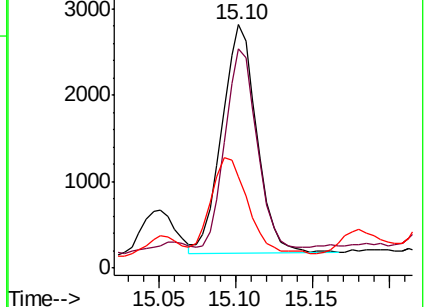
167 37.3 11.7 17.5#

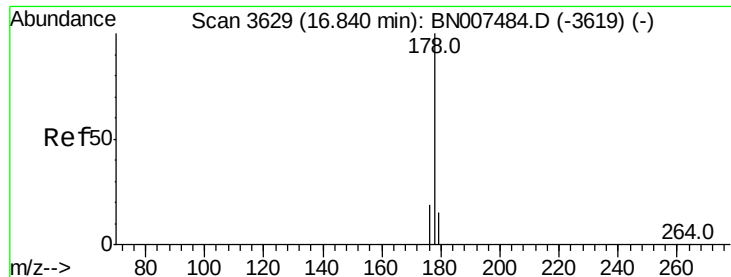


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.438 ng/ul

RT: 16.93 min Scan# 3650

Delta R.T. 0.09 min

Lab File: BN007489.D

Acq: 29 Aug 2019 04:10

Instrument :

BNA_N

ClientSampleId :

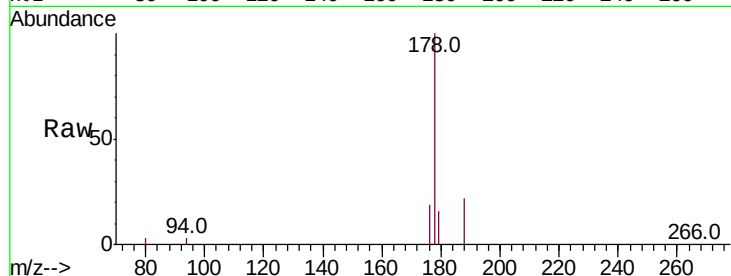
Tot Ion:178 Resp: 35661

Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

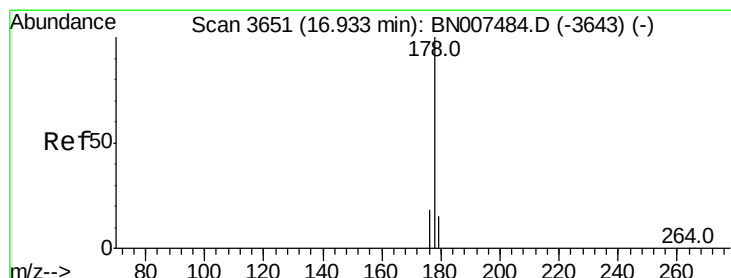
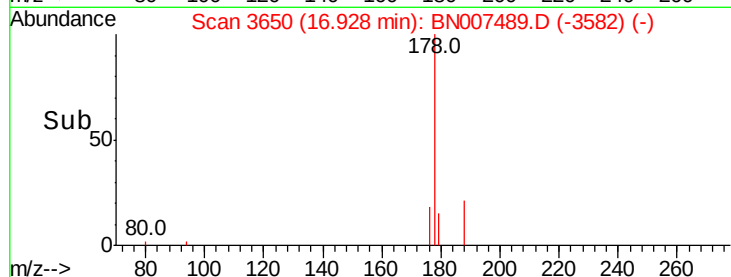
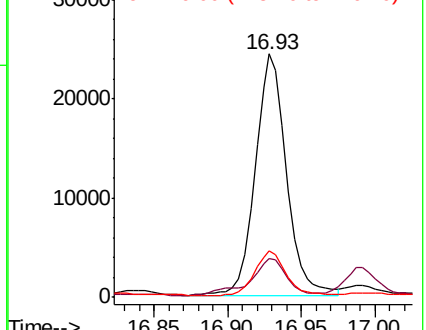
176 19.1 15.2 22.8



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: 0.462 ng/ul

RT: 16.93 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BN007489.D

Acq: 29 Aug 2019 04:10

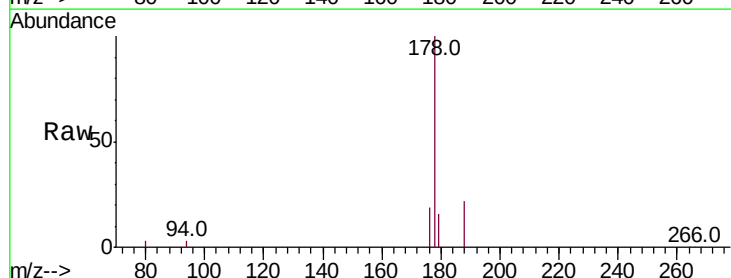
Tgt Ion:178 Resp: 35497

Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

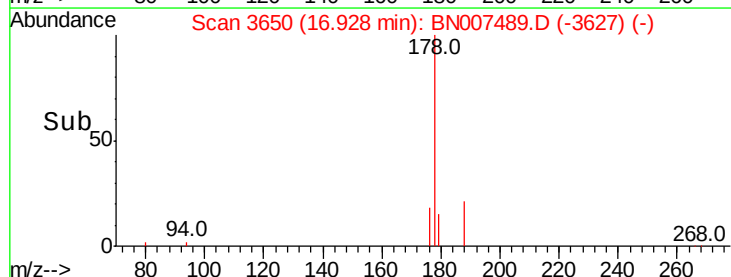
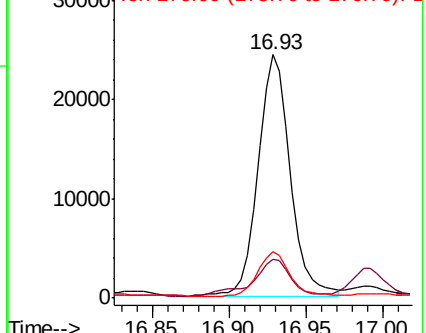
176 19.1 14.6 21.8

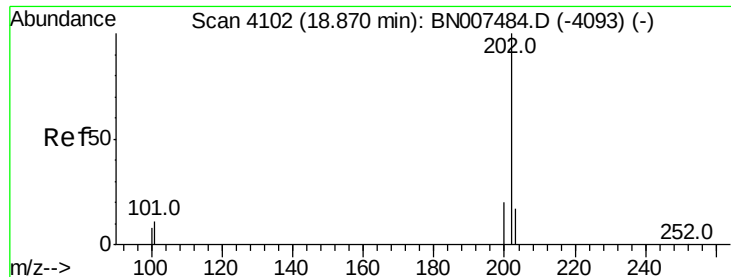


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.047 ng/ul

RT: 18.87 min Scan# 4102

Delta R.T. 0.00 min

Lab File: BN007489.D

Acq: 29 Aug 2019 04:10

Instrument :

BNA_N

ClientSampleId :

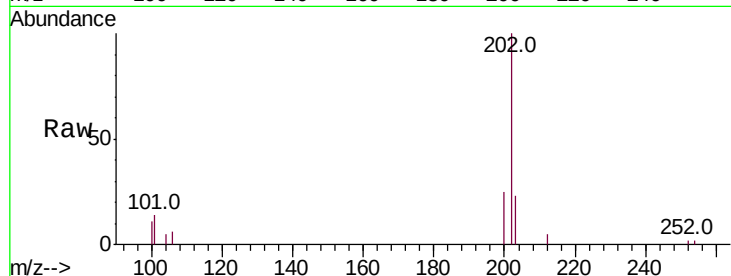
Tot Ion:202 Resp: 5145

Ion Ratio Lower Upper

202 100

101 14.1 0.0 31.3

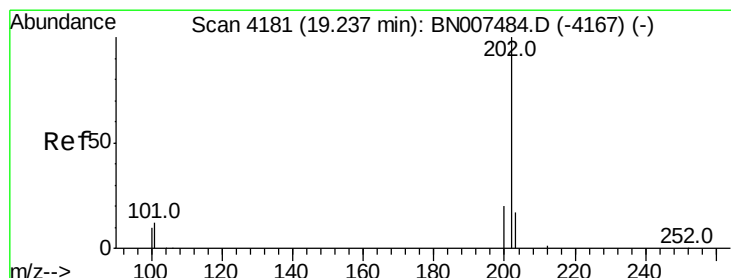
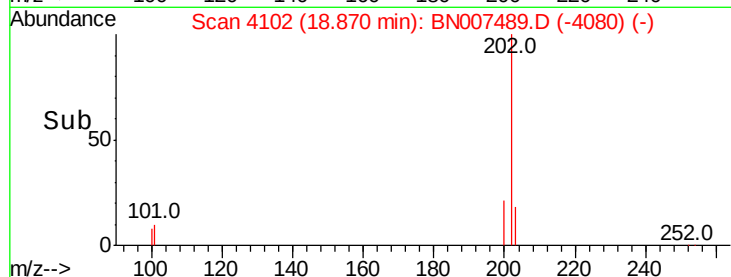
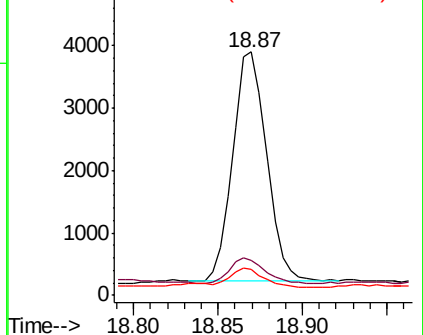
100 10.8 0.0 28.5



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: 0.068 ng/ul

RT: 19.23 min Scan# 4180

Delta R.T. -0.00 min

Lab File: BN007489.D

Acq: 29 Aug 2019 04:10

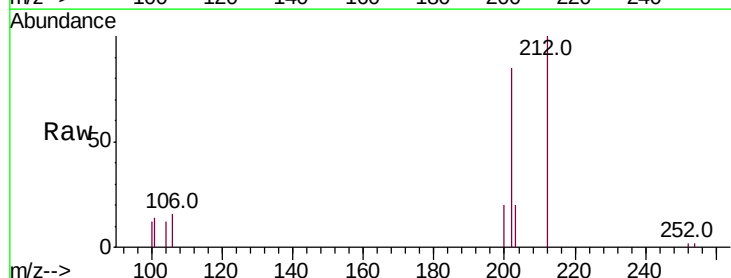
Tgt Ion:202 Resp: 6945

Ion Ratio Lower Upper

202 100

101 16.9 10.7 16.1#

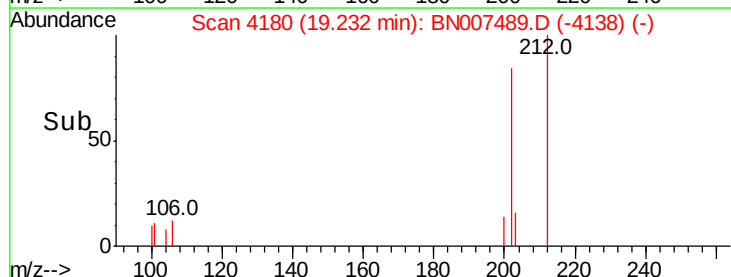
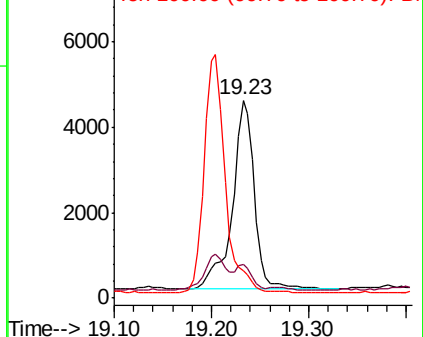
100 14.0 8.6 12.8#

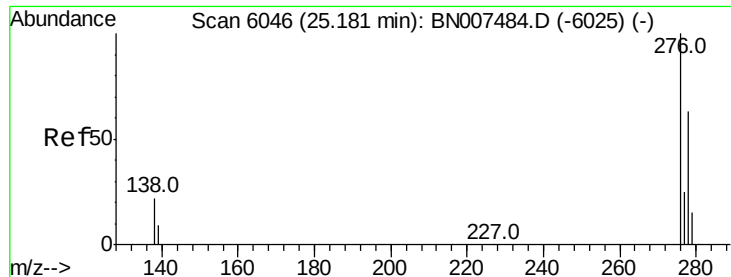


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng/ul

RT: 25.18 min Scan# 6046

Delta R.T. 0.00 min

Lab File: BN007489.D

Acq: 29 Aug 2019 04:10

Instrument :

BNA_N

ClientSampleId :

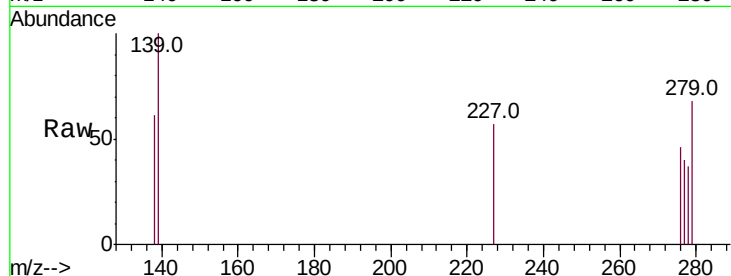
Tot Ion:276 Resp: 2345

Ion Ratio Lower Upper

276 100

138 0.0 19.7 29.5#

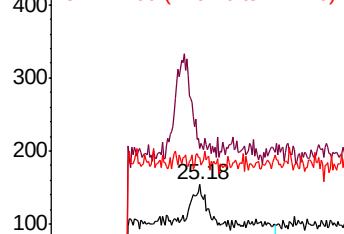
227 0.0 0.1 0.1#



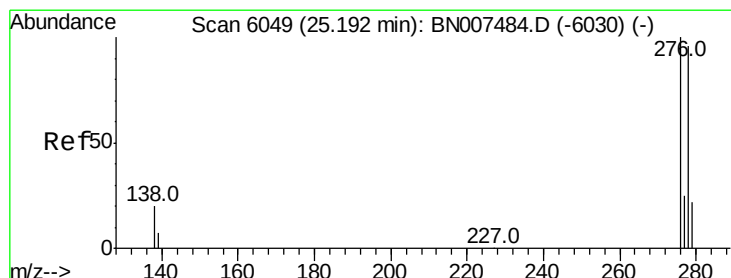
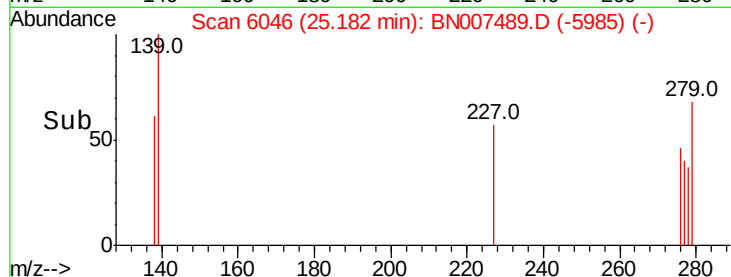
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#25

Dibenzo(a,h)anthracene

Concen: 0.027 ng/ul

RT: 25.20 min Scan# 6052

Delta R.T. 0.01 min

Lab File: BN007489.D

Acq: 29 Aug 2019 04:10

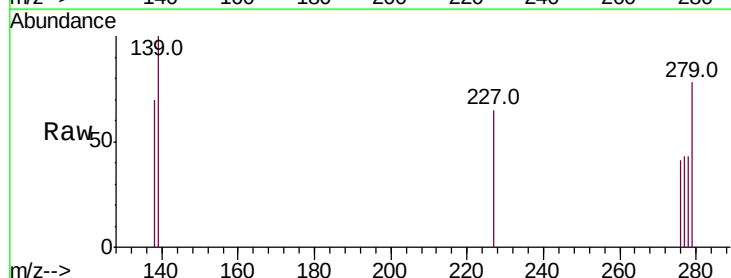
Tgt Ion:278 Resp: 2385

Ion Ratio Lower Upper

278 100

139 230.2 14.6 21.8#

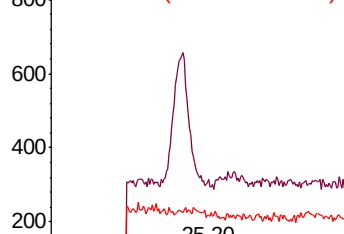
279 180.6 19.8 29.8#



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



Time-->

