

Data File : BN007486.D
Acq On : 29 Aug 2019 02:23
Operator : HP/JU
Sample : K4395-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF0

Quant Time: Aug 29 03:35:41 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	7.39	152	5098	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	22562	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	11806	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.90	188	1789088	0.40	ng/ul	0.10
16) Chrysene-d12	21.14	240	64	0.40	ng/ul	0.13
20) Perylene-d12	23.12	264	25027	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	10502	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	1070	0.00	ng/ul	0.12

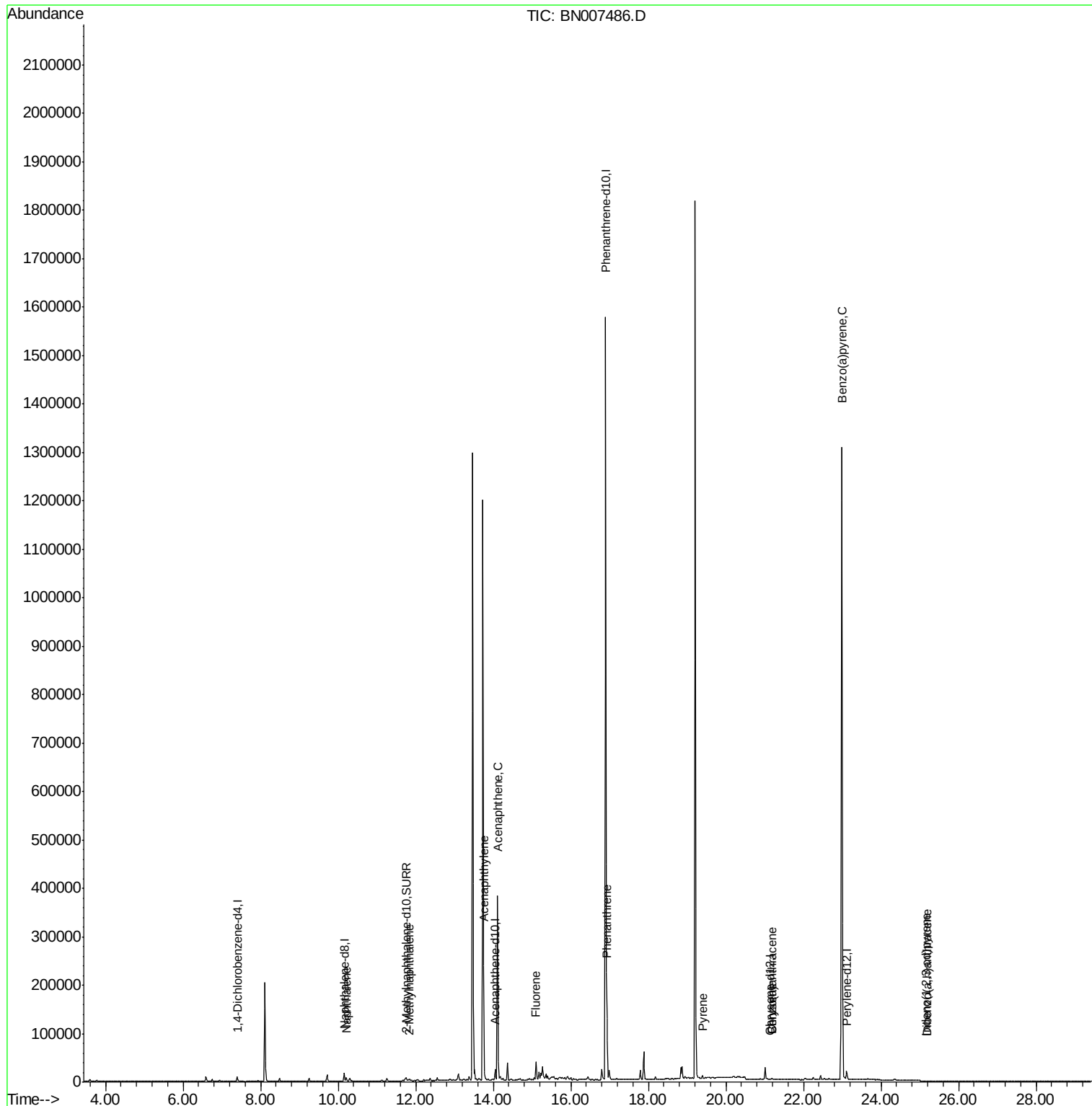
Target Compounds				Qvalue		
3) Naphthalene	10.20	128	9696	0.152	ng/ul#	95
5) 2-Methylnaphthalene	11.83	142	1324	0.031	ng/ul#	1
7) Acenaphthylene	13.76	152	10722	0.163	ng/ul#	86
8) Acenaphthene	14.11	153	223688	4.739	ng/ul	99
9) Fluorene	15.10	166	19394	0.380	ng/ul#	86
12) Phenanthrene	16.93	178	158316	0.028	ng/ul	99
17) Pyrene	19.39	202	938	2.996	ng/ul#	1
18) Benzo(a)anthracene	21.19	228	2070	7.234	ng/ul#	32
19) Chrysene	21.19	228	2070	6.737	ng/ul#	38
23) Benzo(a)pyrene	22.99	252	6896	0.063	ng/ul#	51
24) Indeno(1,2,3-cd)pyrene	25.18	276	4189	0.034	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.18	278	4050	0.042	ng/ul#	1

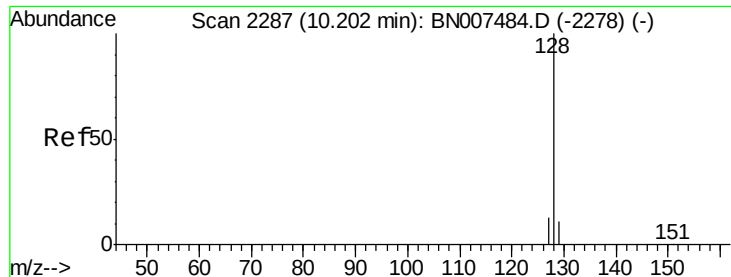
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.152 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

Instrument :

BNA_N

ClientSampleId :

C0AF0

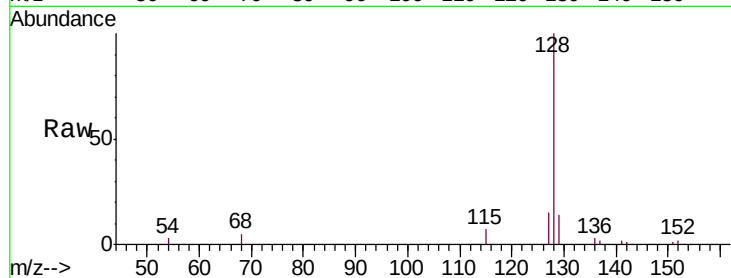
Tgt Ion:128 Resp: 9696

Ion Ratio Lower Upper

128 100

129 14.1 9.2 13.8#

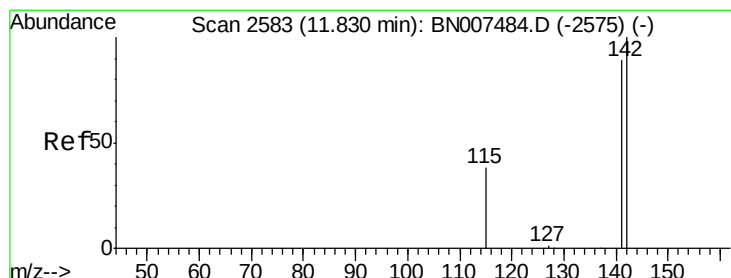
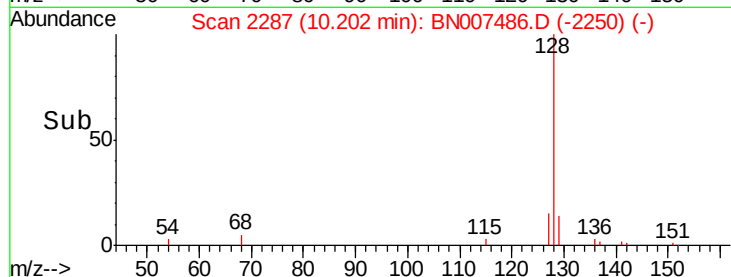
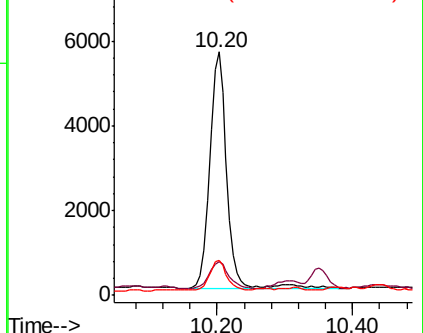
127 14.6 10.4 15.6



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



#5

2-Methylnaphthalene

Concen: 0.031 ng/ul

RT: 11.83 min Scan# 2583

Delta R.T. 0.00 min

Lab File: BN007486.D

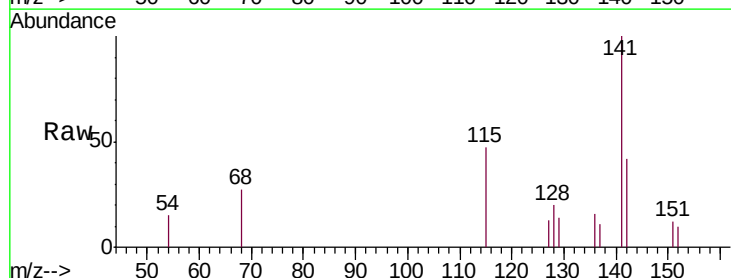
Acq: 29 Aug 2019 02:23

Tgt Ion:142 Resp: 1324

Ion Ratio Lower Upper

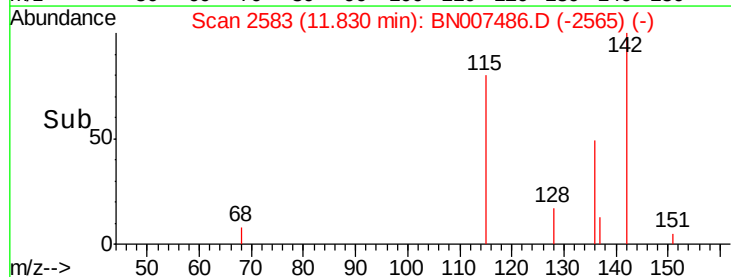
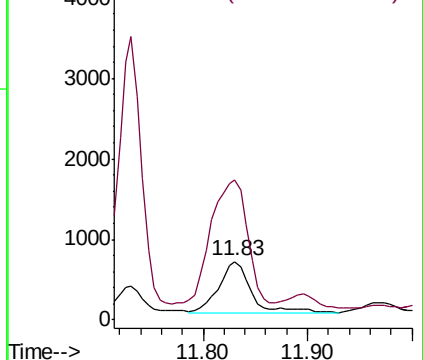
142 100

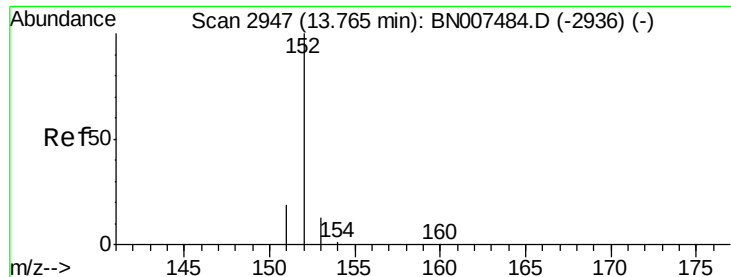
141 283.7 71.7 107.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.163 ng/ul

RT: 13.76 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

Instrument :

BNA_N

ClientSampleId :

C0AF0

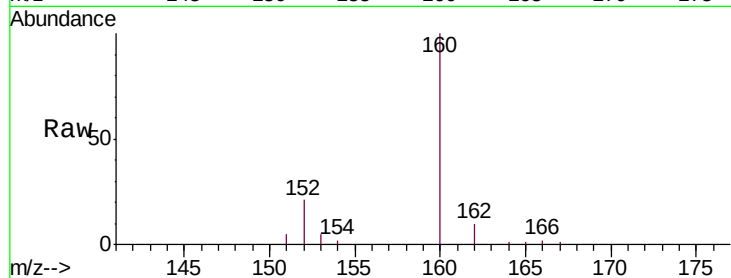
Tgt Ion:152 Resp: 10722

Ion Ratio Lower Upper

152 100

151 23.4 15.8 23.6

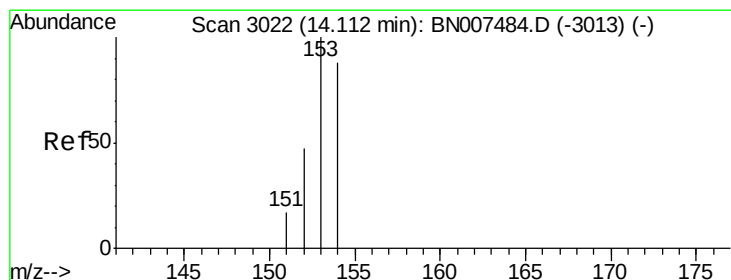
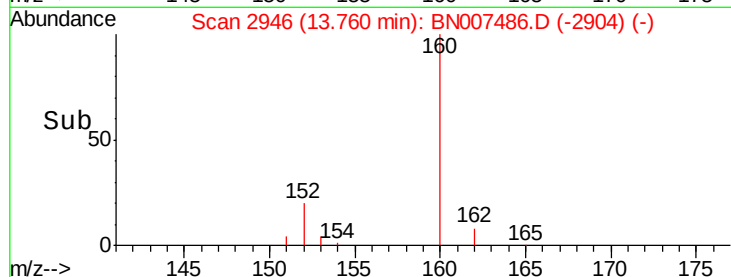
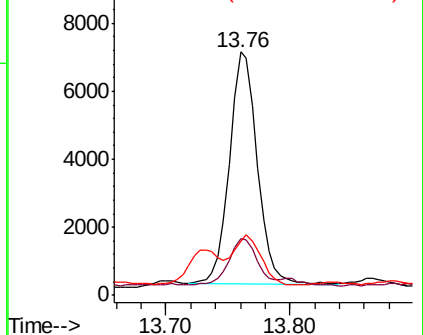
153 22.3 10.8 16.2#



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: 4.739 ng/ul

RT: 14.11 min Scan# 3021

Delta R.T. -0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

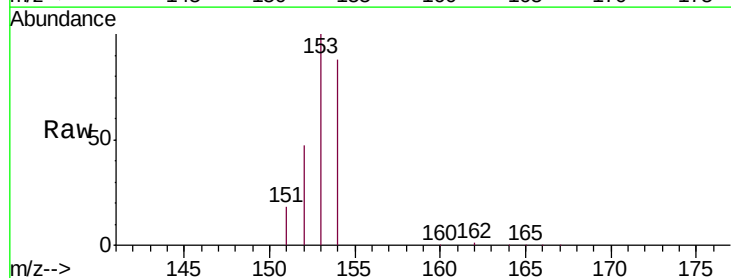
Tgt Ion:153 Resp: 223688

Ion Ratio Lower Upper

153 100

152 47.3 39.1 58.7

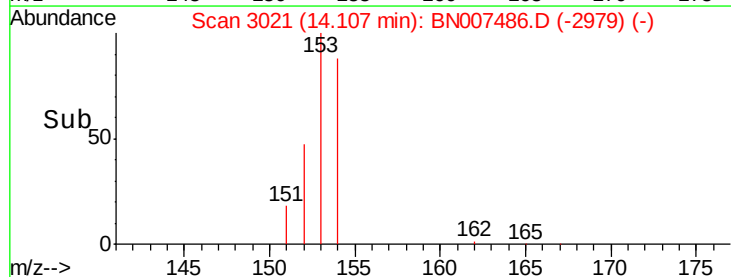
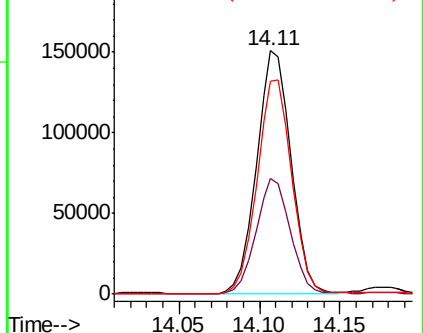
154 87.6 69.4 104.2

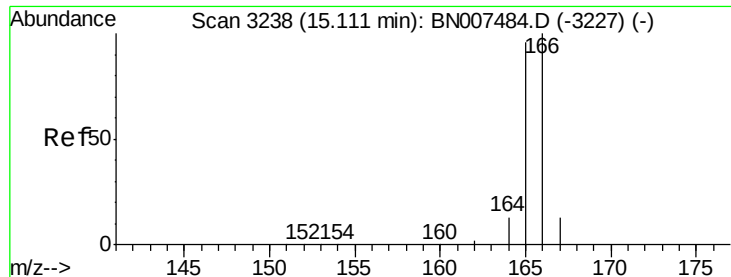


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

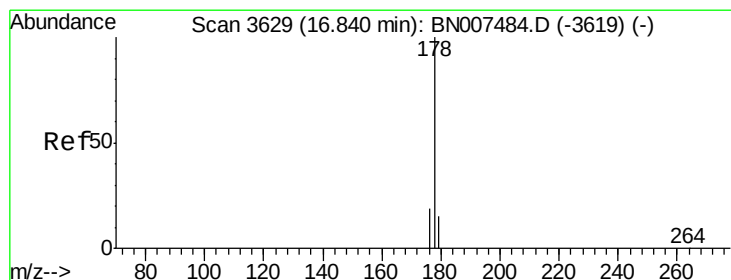
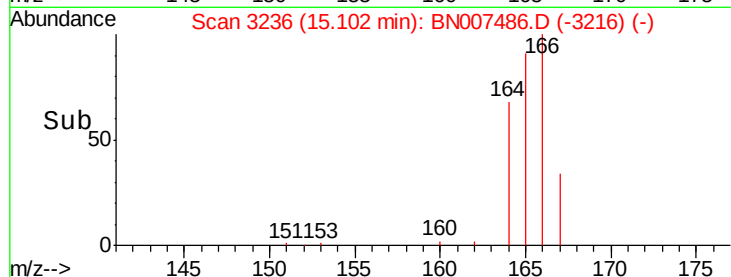
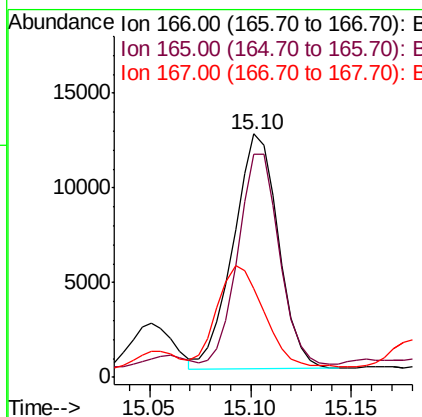
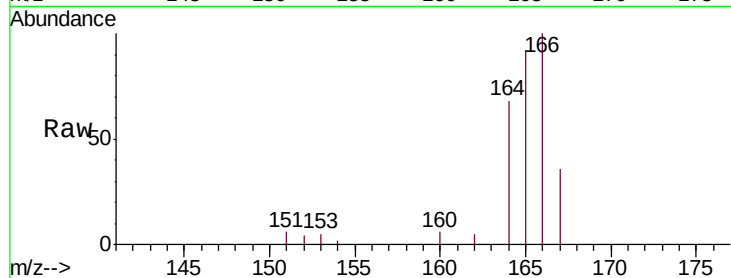




#9
Fluorene
Concen: 0.380 ng/ul
RT: 15.10 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BN007486.D
Acq: 29 Aug 2019 02:23

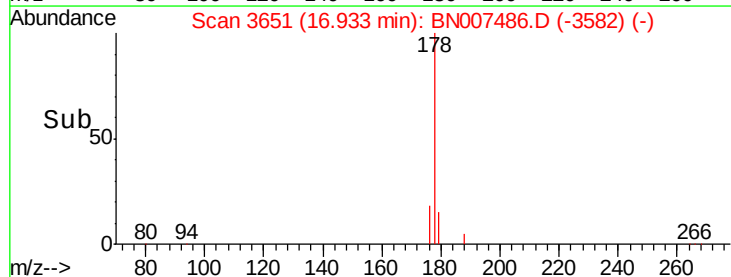
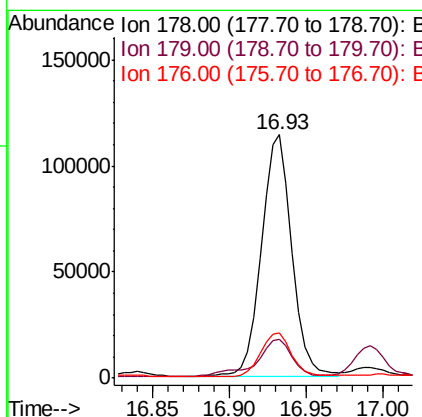
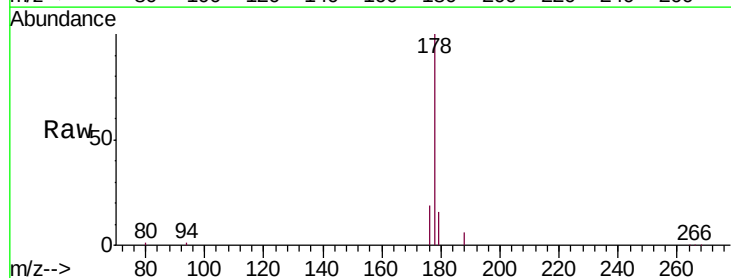
Instrument :
BNA_N
ClientSampleId :
C0AF0

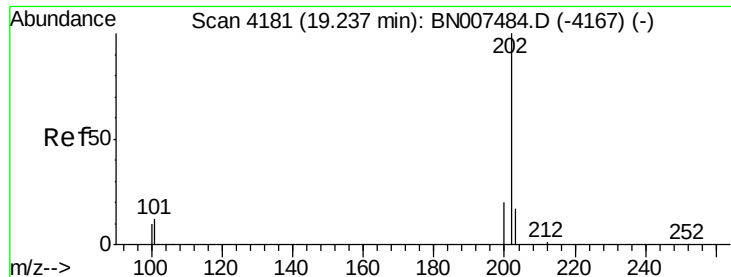
Tgt Ion:166 Resp: 19394
Ion Ratio Lower Upper
166 100
165 91.5 79.6 119.4
167 36.3 11.7 17.5#



#12
Phenanthrene
Concen: 0.028 ng/ul
RT: 16.93 min Scan# 3651
Delta R.T. 0.09 min
Lab File: BN007486.D
Acq: 29 Aug 2019 02:23

Tgt Ion:178 Resp: 158316
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 18.5 15.2 22.8

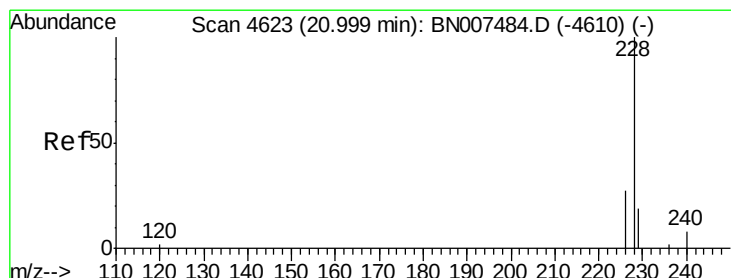
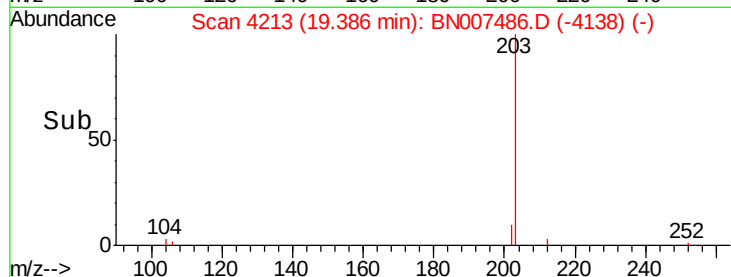
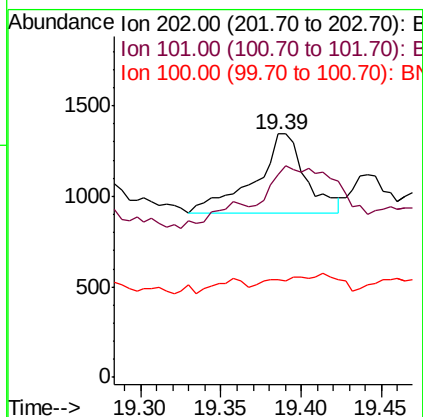
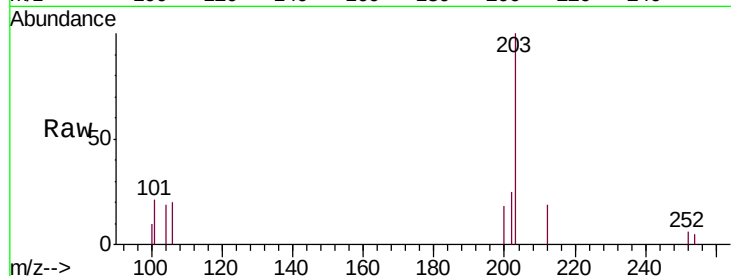




#17
Pyrene
Concen: 2.996 ng/ul
RT: 19.39 min Scan# 4213
Delta R.T. 0.15 min
Lab File: BN007486.D
Acq: 29 Aug 2019 02:23

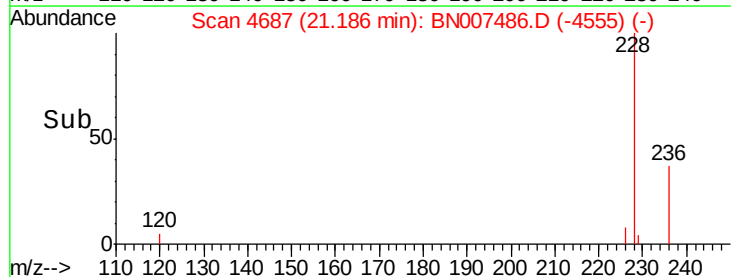
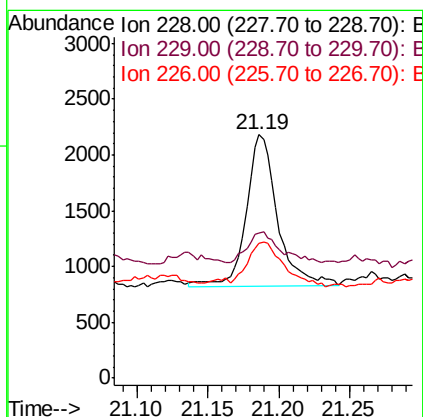
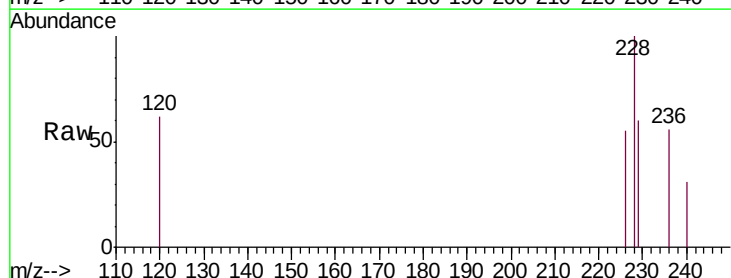
Instrument :
BNA_N
ClientSampleId :
C0AF0

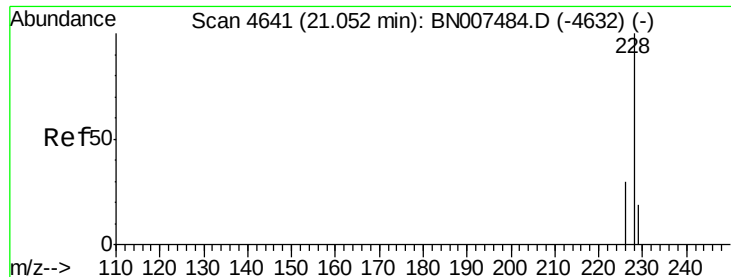
Tgt Ion:202 Resp: 938
Ion Ratio Lower Upper
202 100
101 83.3 10.7 16.1#
100 40.1 8.6 12.8#



#18
Benzo(a)anthracene
Concen: 7.234 ng/ul
RT: 21.19 min Scan# 4687
Delta R.T. 0.19 min
Lab File: BN007486.D
Acq: 29 Aug 2019 02:23

Tgt Ion:228 Resp: 2070
Ion Ratio Lower Upper
228 100
229 59.5 15.4 23.2#
226 55.4 22.0 33.0#





#19

Chrysene

Concen: 6.737 ng/ul

RT: 21.19 min Scan# 4687

Delta R.T. 0.13 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

Instrument :

BNA_N

ClientSampleId :

C0AF0

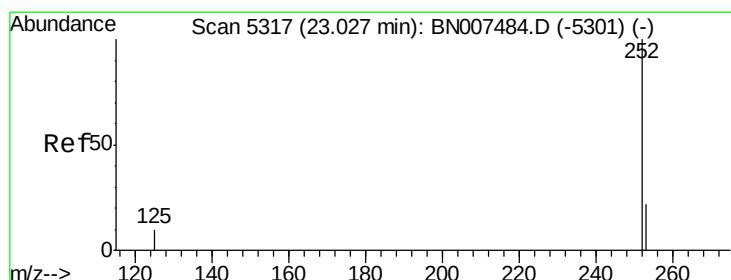
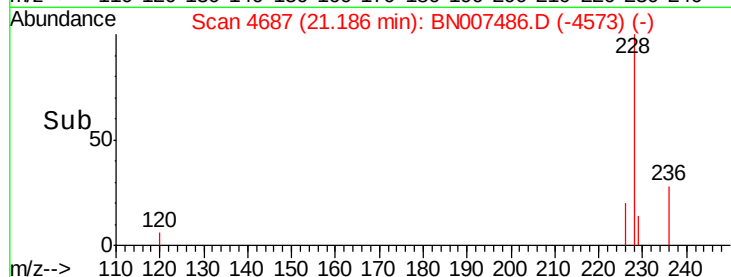
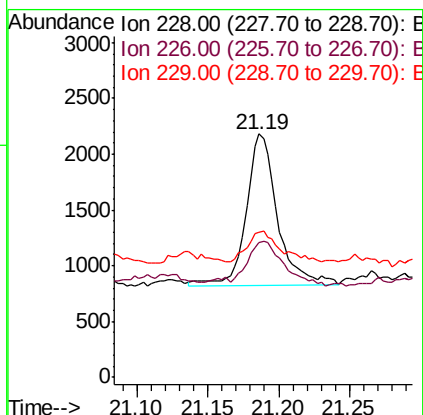
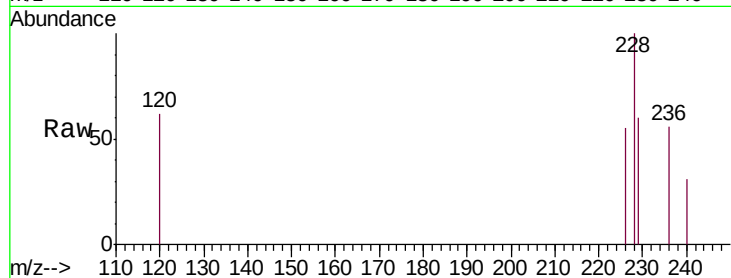
Tgt Ion:228 Resp: 2070

Ion Ratio Lower Upper

228 100

226 55.4 24.1 36.1#

229 59.5 16.1 24.1#



#23

Benzo(a)pyrene

Concen: 0.063 ng/ul

RT: 22.99 min Scan# 5303

Delta R.T. -0.04 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

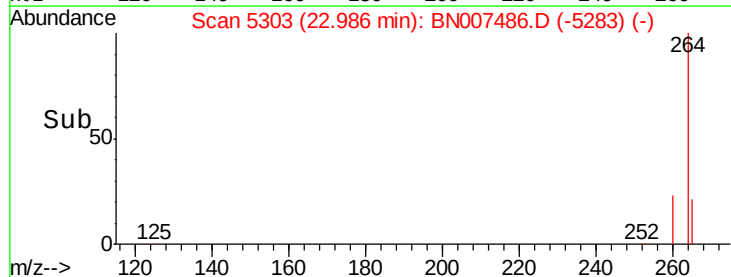
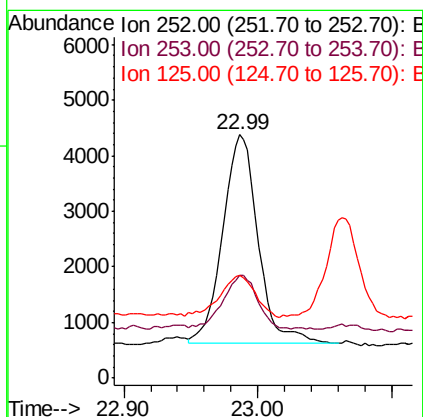
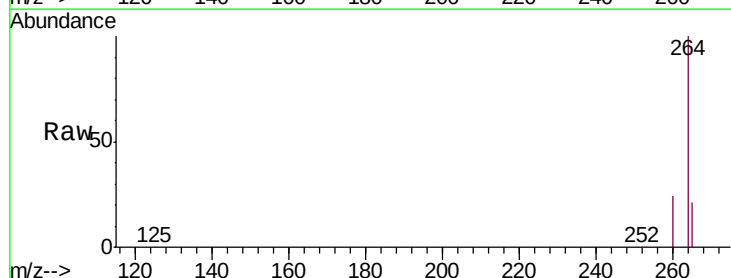
Tgt Ion:252 Resp: 6896

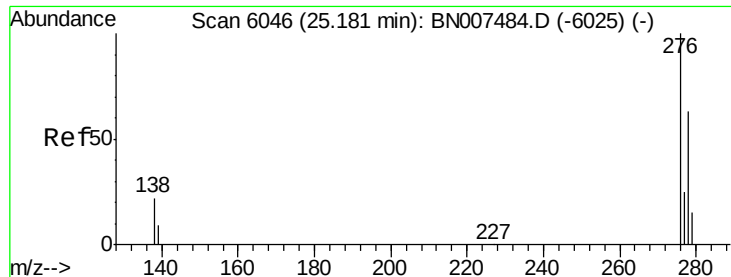
Ion Ratio Lower Upper

252 100

253 42.1 19.0 28.6#

125 42.3 11.2 16.8#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.034 ng/ul

RT: 25.18 min Scan# 6045

Delta R.T. -0.00 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

Instrument :

BNA_N

ClientSampleId :

C0AF0

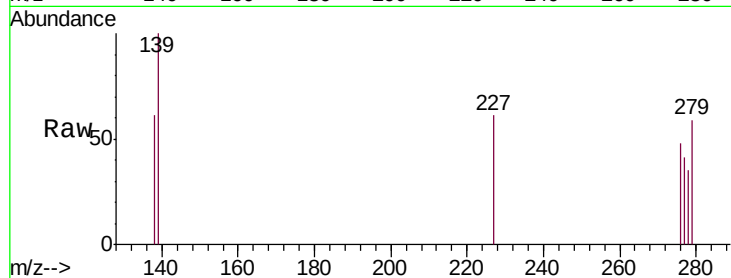
Tgt Ion:276 Resp: 4189

Ion Ratio Lower Upper

276 100

138 0.0 19.7 29.5#

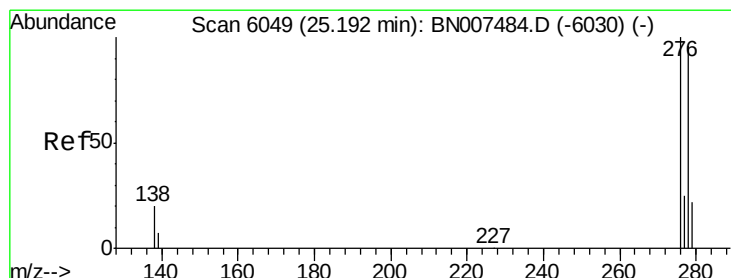
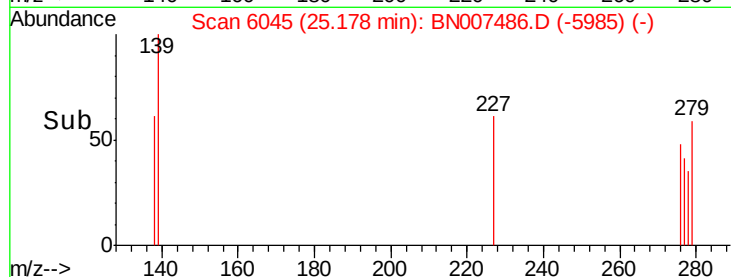
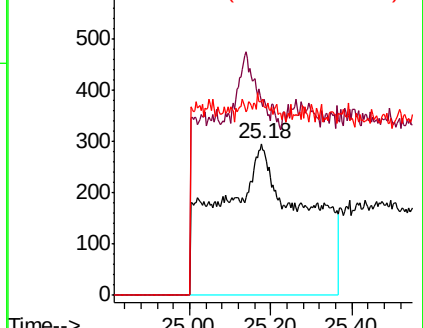
227 190.2 0.1 0.1#



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



#25

Dibenzo(a,h)anthracene

Concen: 0.042 ng/ul

RT: 25.18 min Scan# 6047

Delta R.T. -0.01 min

Lab File: BN007486.D

Acq: 29 Aug 2019 02:23

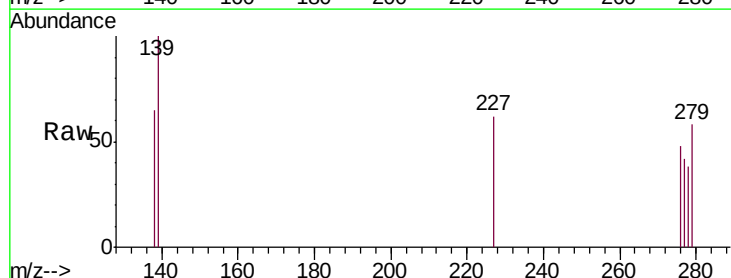
Tgt Ion:278 Resp: 4050

Ion Ratio Lower Upper

278 100

139 265.2 14.6 21.8#

279 152.7 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

