

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006895.D
 Acq On : 18 Jul 2019 17:17
 Operator : HP/JU
 Sample : K3822-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 03:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 06:39:20 2019
 Response via : Initial Calibration

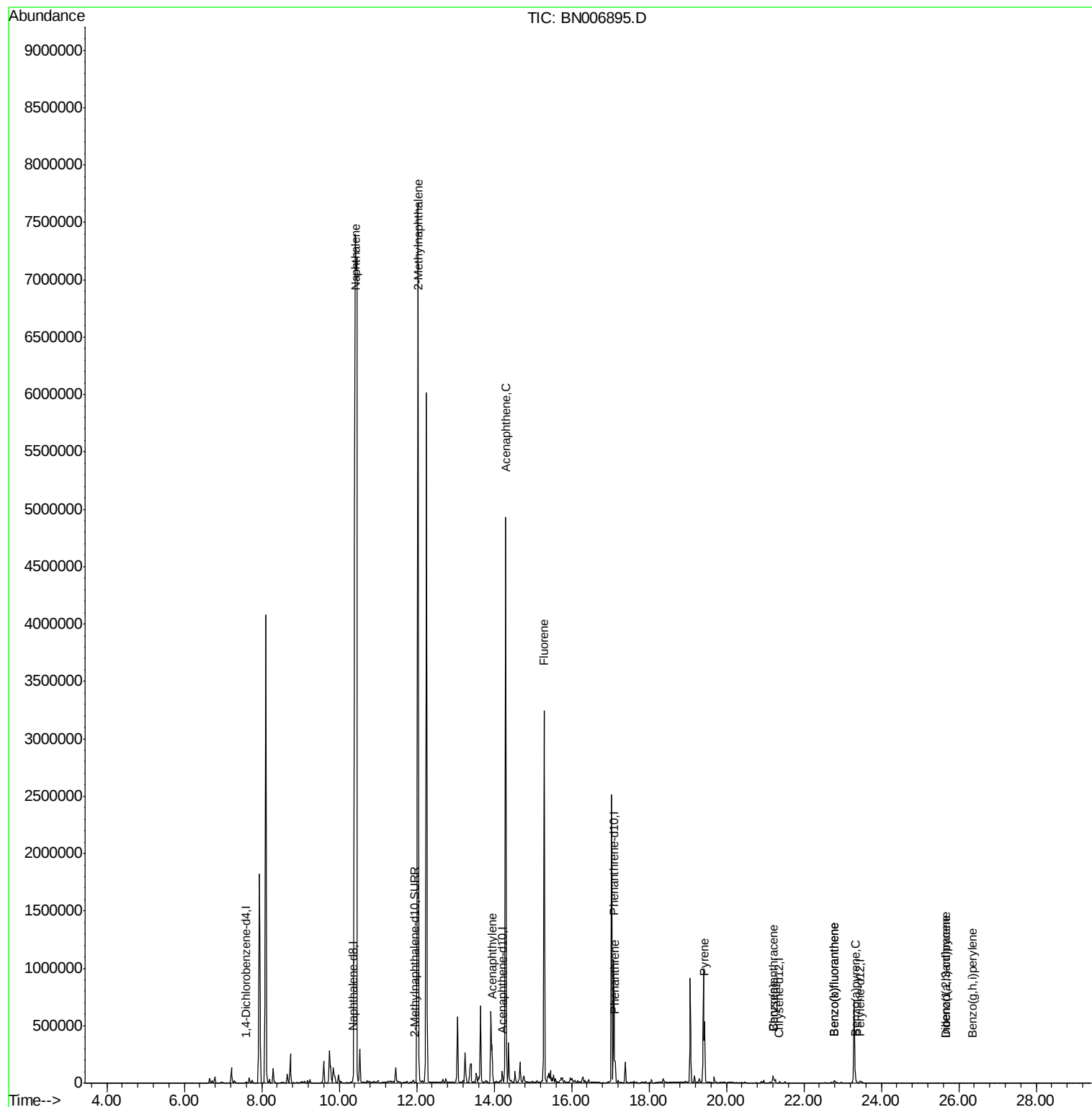
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3667	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	13828	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	13383	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	889502	0.40	ng/ul	0.08
16) Chrysene-d12	21.34	240	63	0.40	ng/ul	0.11
20) Perylene-d12	23.45	264	19559	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	5192	0.24	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	5500	0.00	ng/ul	0.06
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	23229289	585.123	ng/ul	97
5) 2-Methylnaphthalene	12.04	142	6906641	257.471	ng/ul	98
7) Acenaphthylene	13.95	152	306057	4.431	ng/ul	98
8) Acenaphthene	14.30	153	3098310	58.194	ng/ul	99
9) Fluorene	15.29	166	2048795	35.114	ng/ul	99
12) Phenanthrene	17.12	178	203573	0.071	ng/ul	97
17) Pyrene	19.43	202	448946	1559.386	ng/ul	96
18) Benzo(a)anthracene	21.20	228	53598	207.093	ng/ul	97
19) Chrysene	21.20	228	43262	149.798	ng/ul	96
21) Benzo(b)fluoranthene	22.78	252	39595	0.494	ng/ul	97
22) Benzo(k)fluoranthene	22.78	252	39586	0.472	ng/ul	97
23) Benzo(a)pyrene	23.34	252	17615	0.224	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.67	276	5480	0.069	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.67	278	1451	0.023	ng/ul#	1
26) Benzo(g,h,i)perylene	26.36	276	4323	0.065	ng/ul#	92

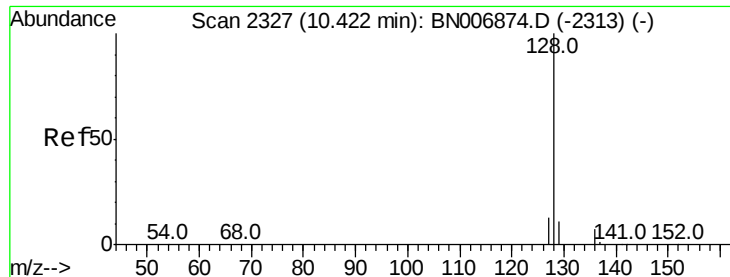
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 585.123 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. 0.01 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

ClientSampleId :

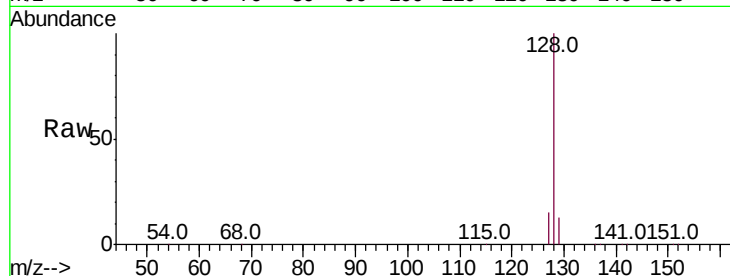
Tot Ion:128 Resp:23229289

Ion Ratio Lower Upper

128 100

129 13.0 9.4 14.0

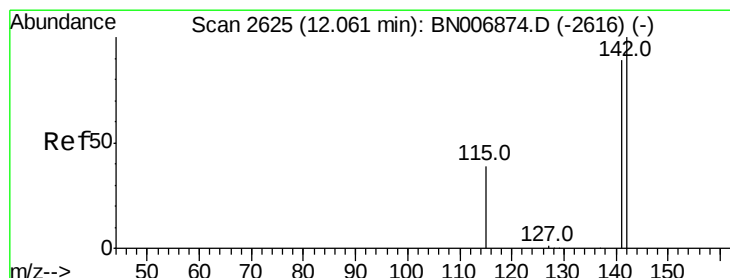
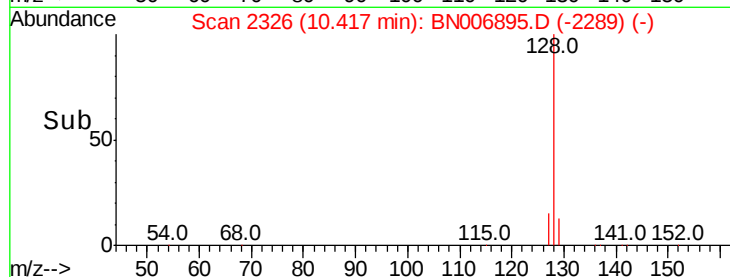
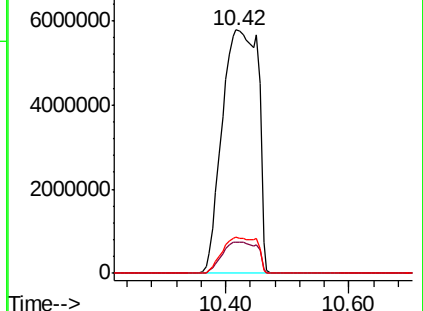
127 14.7 10.6 16.0



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: 257.471 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BN006895.D

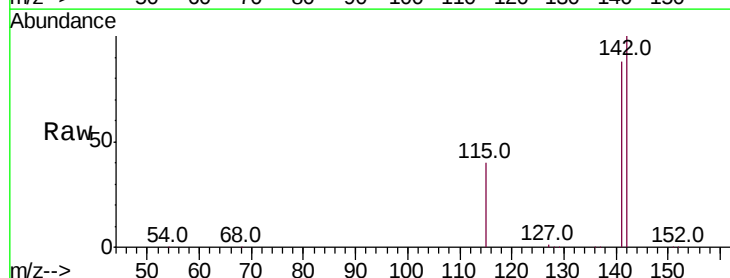
Acq: 18 Jul 2019 17:17

Tgt Ion:142 Resp: 6906641

Ion Ratio Lower Upper

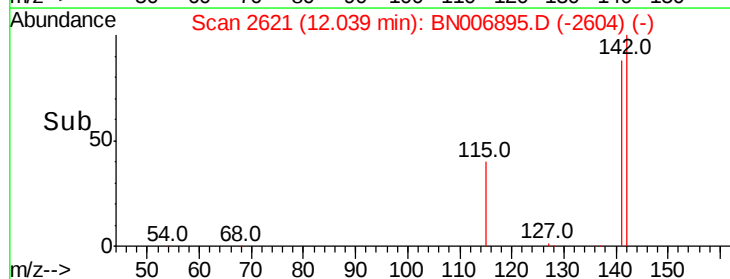
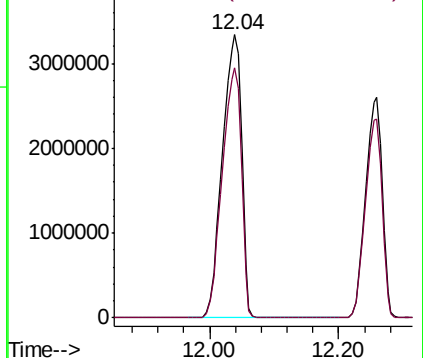
142 100

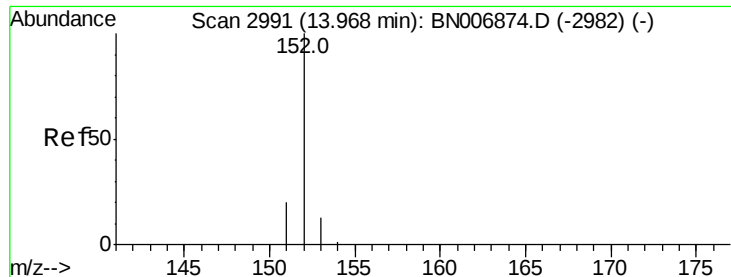
141 87.9 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 4.431 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.02 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

ClientSampleId :

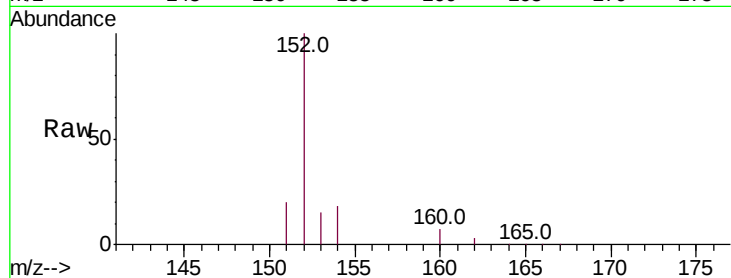
Tot Ion:152 Resp: 306057

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

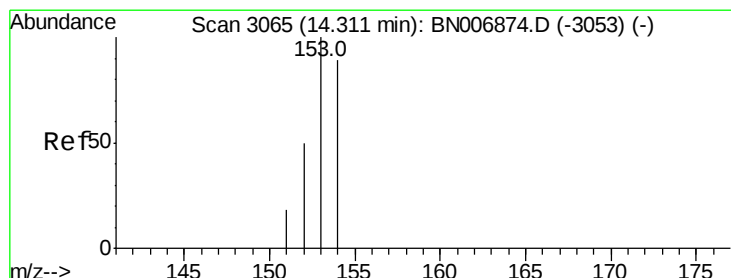
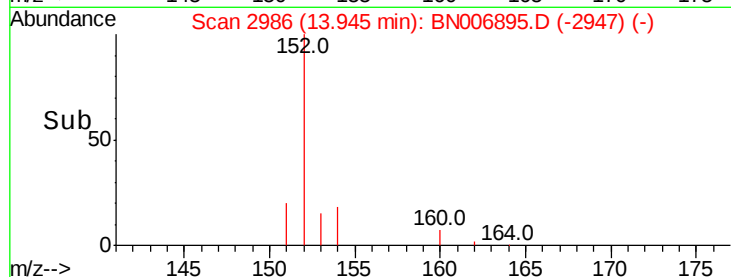
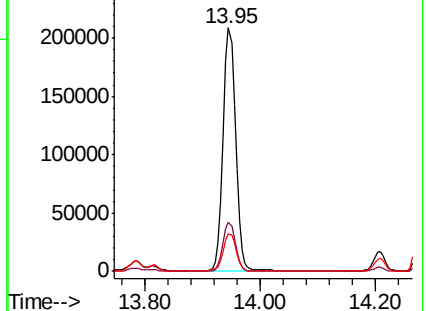
153 15.4 11.2 16.8



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: 58.194 ng/ul

RT: 14.30 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

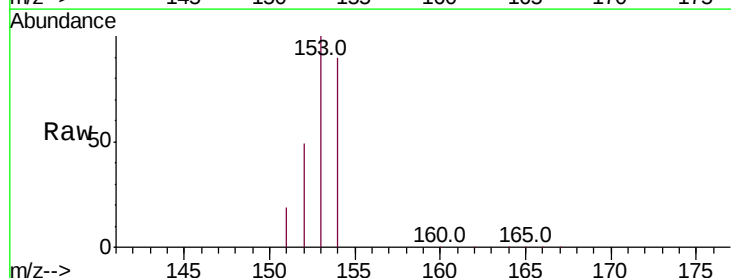
Tgt Ion:153 Resp: 3098310

Ion Ratio Lower Upper

153 100

152 48.6 39.3 58.9

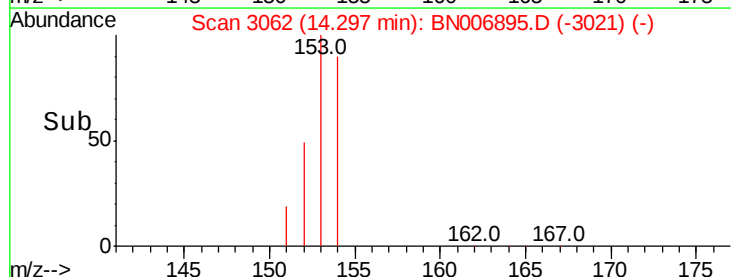
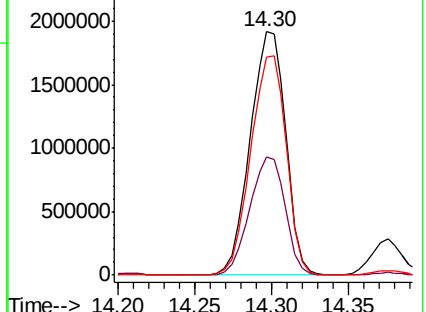
154 89.7 70.6 105.8

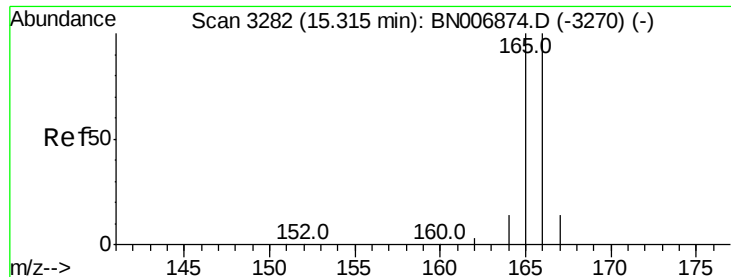


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 35.114 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.02 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

ClientSampleId :

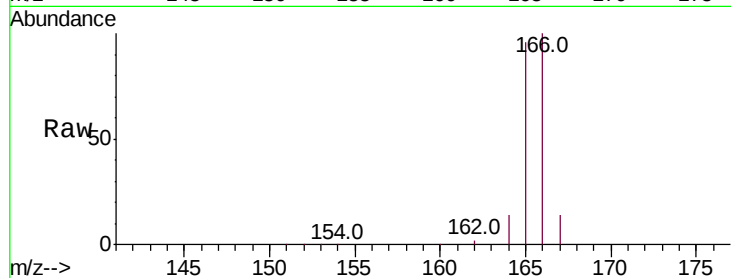
Tot Ion:166 Resp: 2048795

Ion Ratio Lower Upper

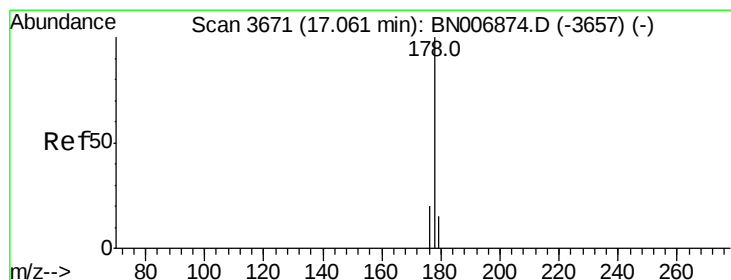
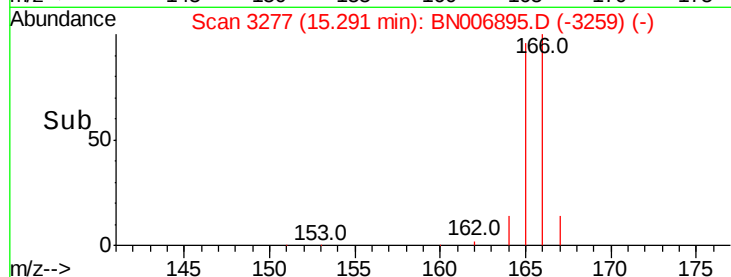
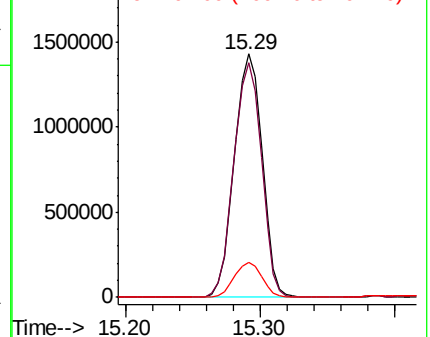
166 100

165 96.3 78.2 117.4

167 14.4 11.3 16.9



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: 0.071 ng/ul

RT: 17.12 min Scan# 3686

Delta R.T. 0.07 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

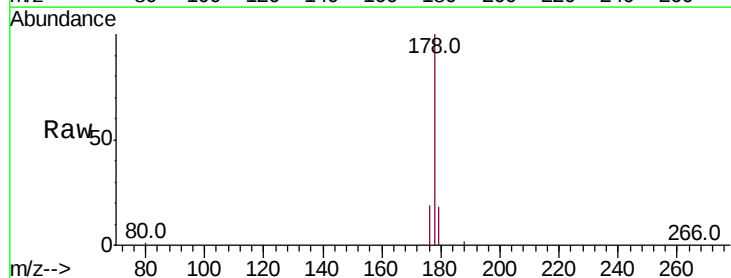
Tgt Ion:178 Resp: 203573

Ion Ratio Lower Upper

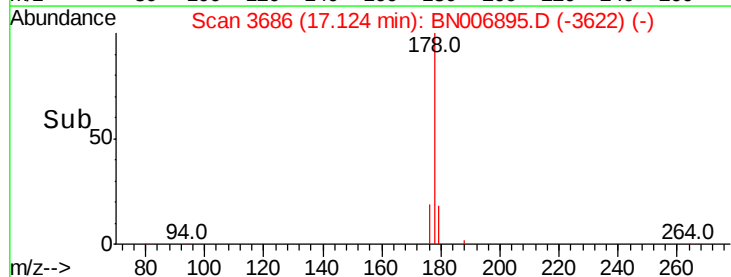
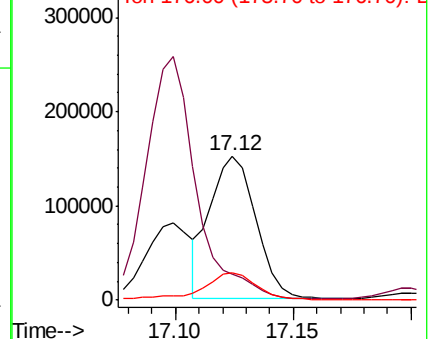
178 100

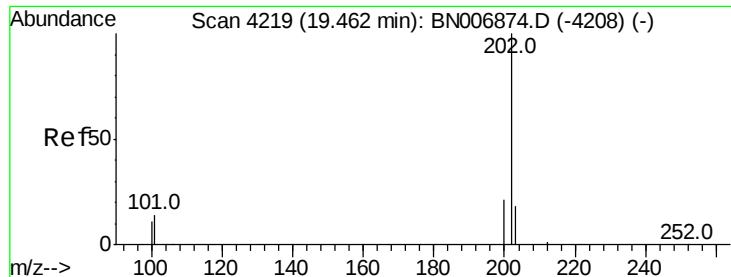
179 18.1 12.6 19.0

176 18.9 15.8 23.8



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

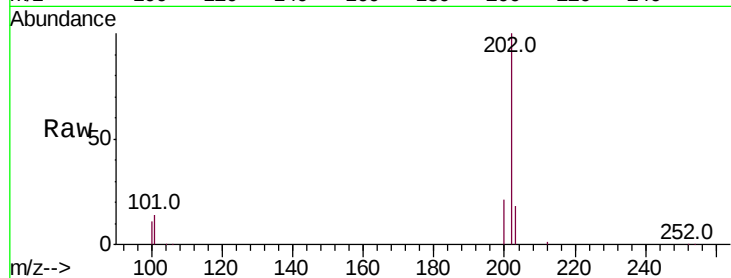




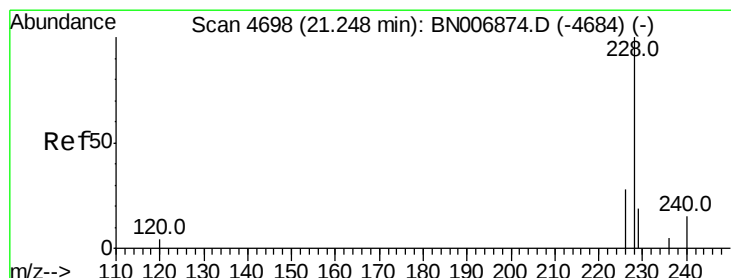
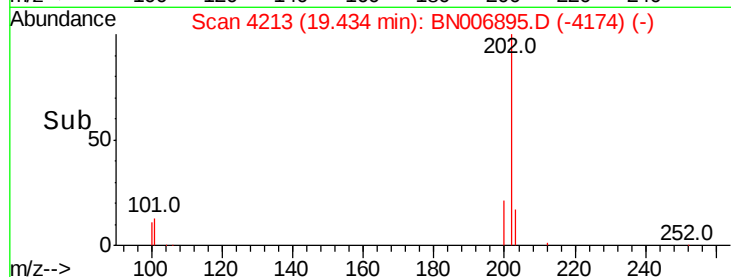
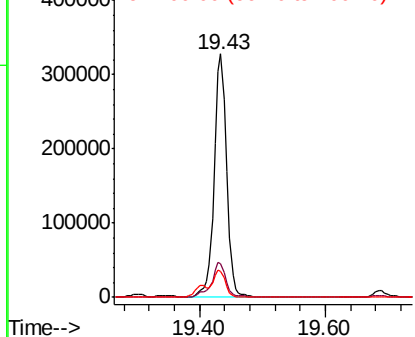
#17
Pvrene
Concen: 1559.386 ng/ul
RT: 19.43 min Scan# 4213
Delta R.T. -0.02 min
Lab File: BN006895.D
Acq: 18 Jul 2019 17:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 448946
Ion Ratio Lower Upper
202 100
101 13.7 12.2 18.2
100 10.7 9.8 14.8

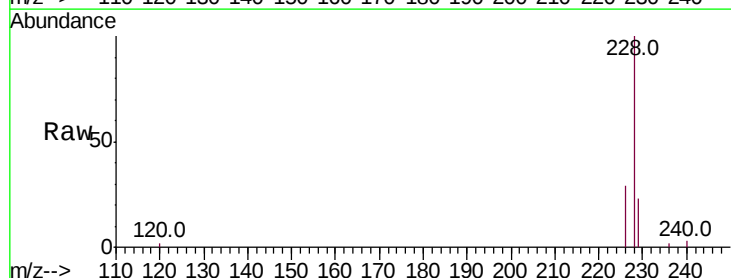


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

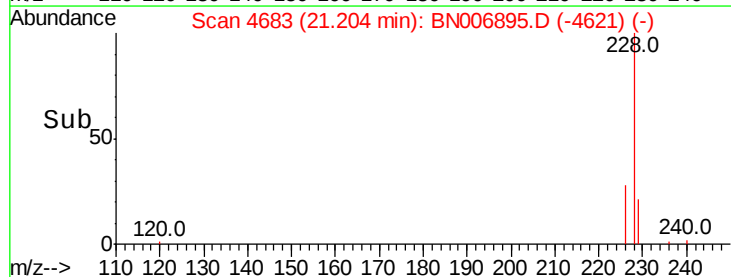
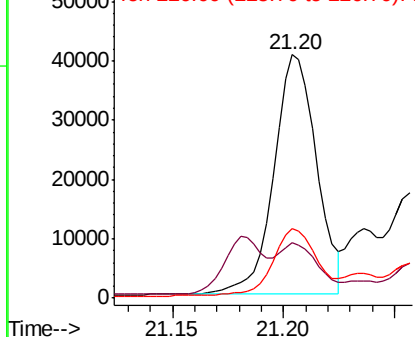


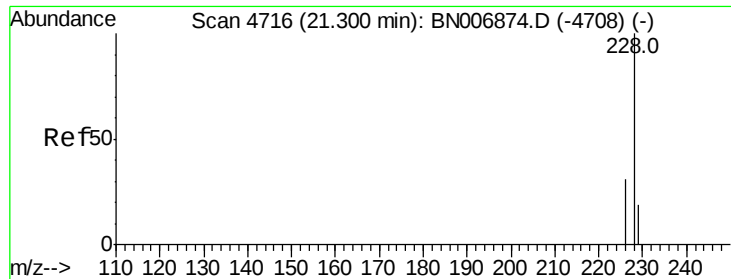
#18
Benzo(a)anthracene
Concen: 207.093 ng/ul
RT: 21.20 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN006895.D
Acq: 18 Jul 2019 17:17

Tgt Ion:228 Resp: 53598
Ion Ratio Lower Upper
228 100
229 22.6 15.9 23.9
226 28.7 22.6 34.0



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: 149.798 ng/ul

RT: 21.20 min Scan# 4683

Delta R.T. -0.07 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

ClientSampled :

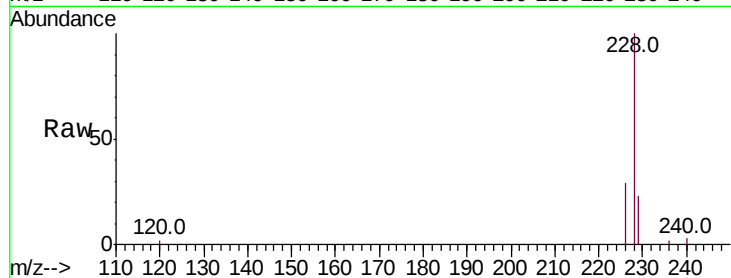
Tot Ion:228 Resp: 43262

Ion Ratio Lower Upper

228 100

226 28.7 24.2 36.4

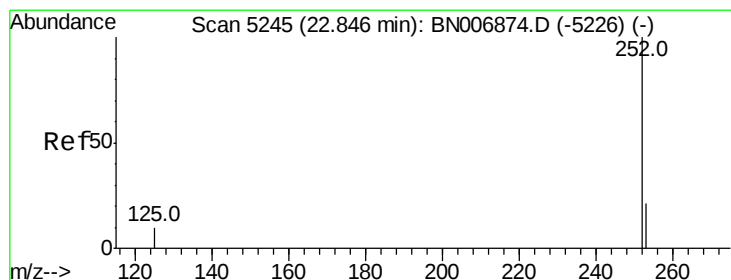
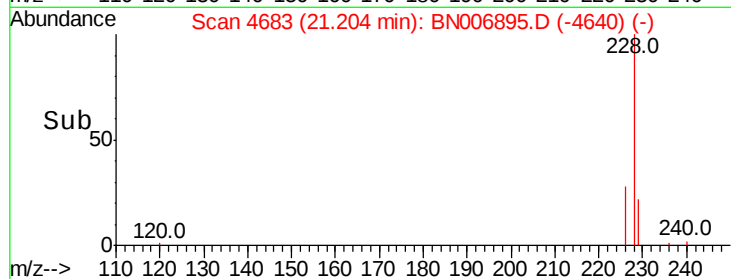
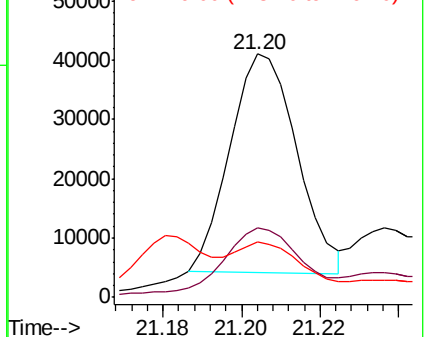
229 22.6 15.5 23.3



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: 0.494 ng/ul

RT: 22.78 min Scan# 5224

Delta R.T. -0.02 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

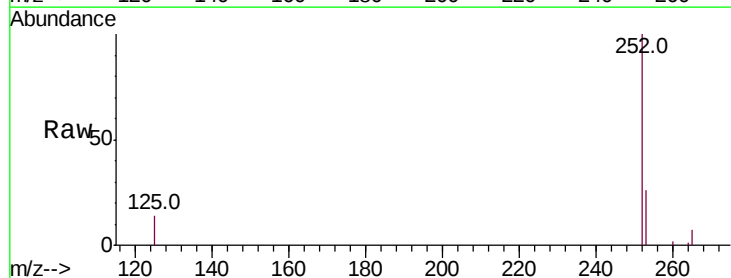
Tgt Ion:252 Resp: 39595

Ion Ratio Lower Upper

252 100

253 25.8 0.0 47.8

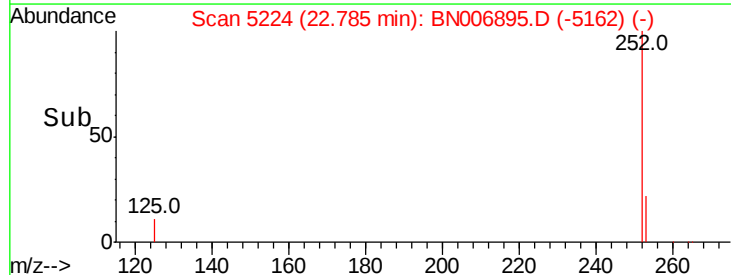
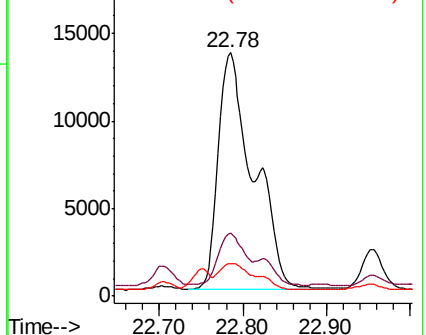
125 13.6 0.0 29.2

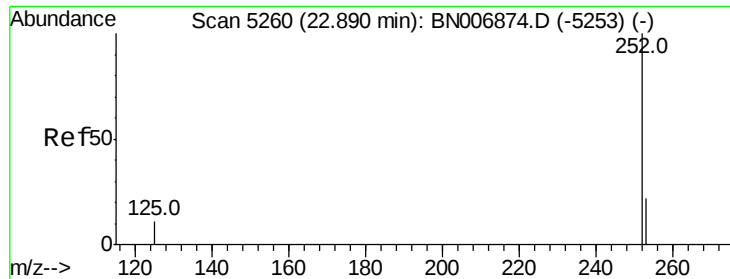


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.472 ng/ul

RT: 22.78 min Scan# 5224

Delta R.T. -0.06 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

ClientSampleId :

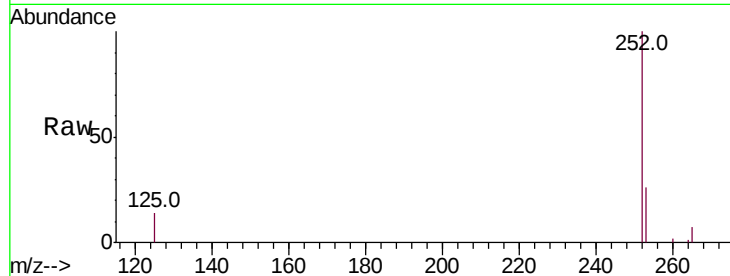
Tot Ion:252 Resp: 39586

Ion Ratio Lower Upper

252 100

253 25.8 19.2 28.8

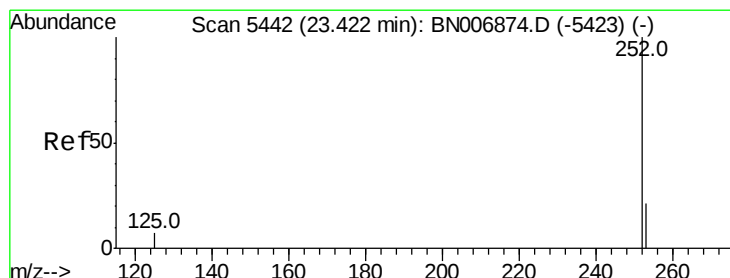
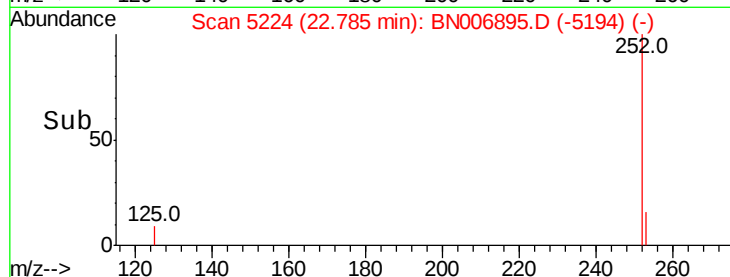
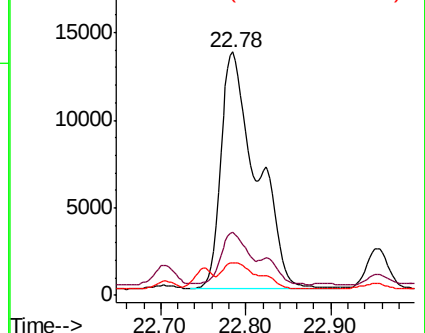
125 13.6 11.0 16.6



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



#23

Benzo(a)pyrene

Concen: 0.224 ng/ul

RT: 23.34 min Scan# 5415

Delta R.T. -0.03 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

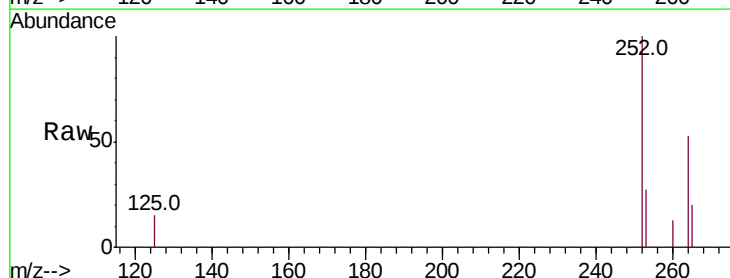
Tgt Ion:252 Resp: 17615

Ion Ratio Lower Upper

252 100

253 27.0 19.4 29.2

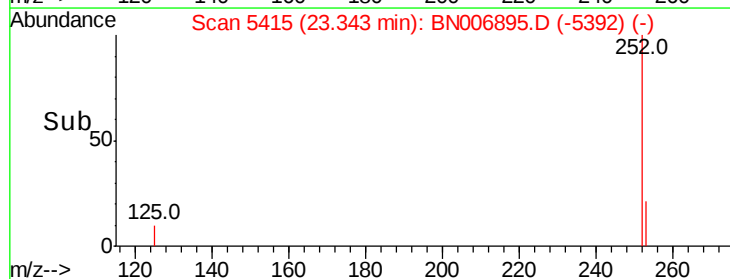
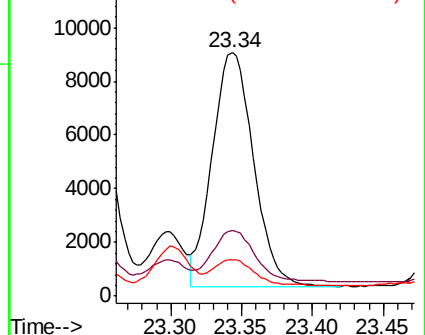
125 15.0 12.6 19.0

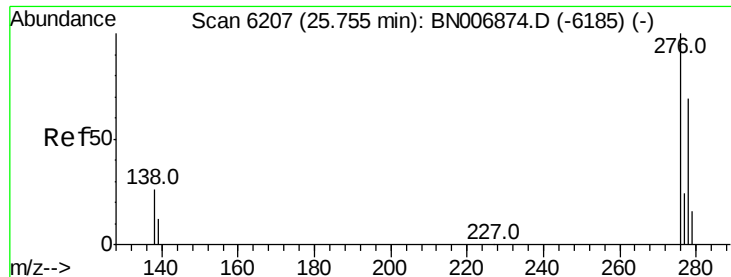


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



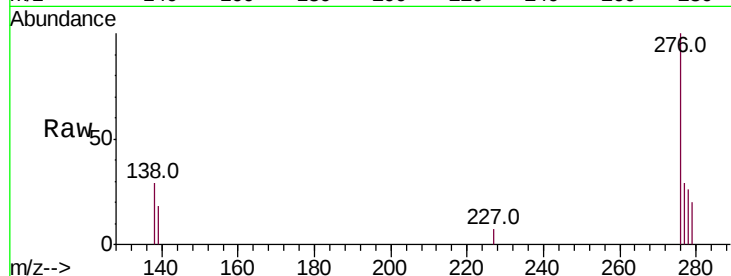


#24

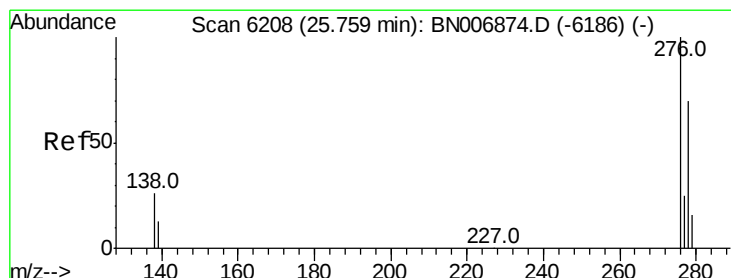
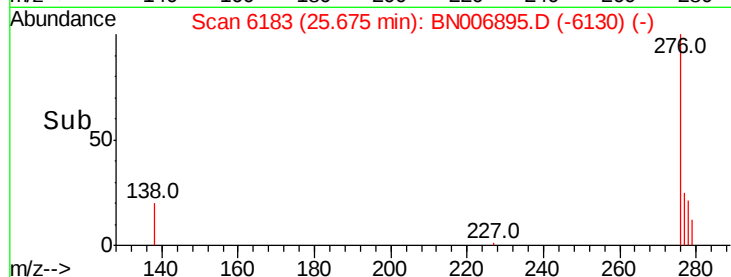
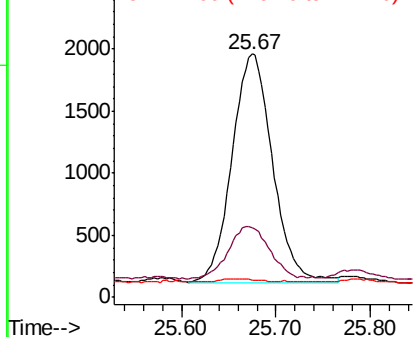
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 25.67 min Scan# 6183
Delta R.T. -0.02 min
Lab File: BN006895.D
Acq: 18 Jul 2019 17:17

Instrument :
BNA_N
ClientSampled :

Tot Ion:276 Resp: 5480
Ion Ratio Lower Upper
276 100
138 23.9 24.3 36.5#
227 1.7 0.2 0.4#



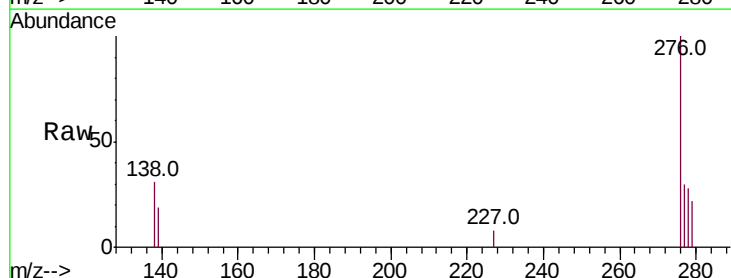
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



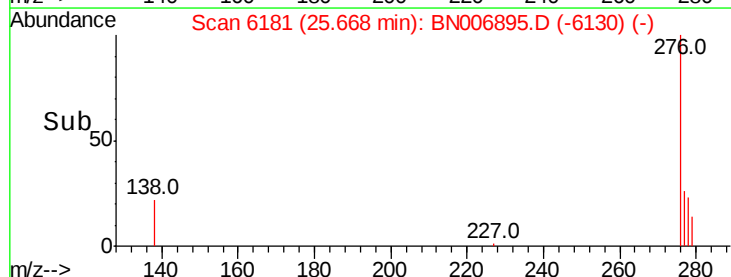
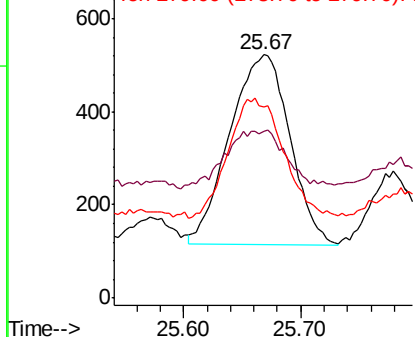
#25

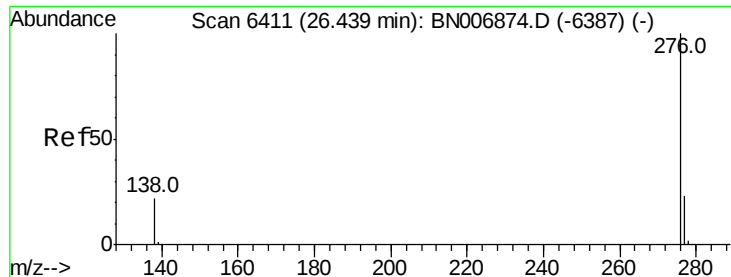
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.67 min Scan# 6181
Delta R.T. -0.03 min
Lab File: BN006895.D
Acq: 18 Jul 2019 17:17

Tgt Ion:278 Resp: 1451
Ion Ratio Lower Upper
278 100
139 68.3 18.1 27.1#
279 78.4 19.8 29.6#



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





#26

Benzo(a,h,i)perylene

Concen: 0.065 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. -0.03 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

ClientSampleId :

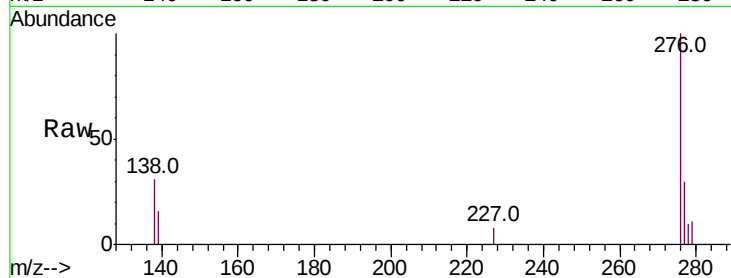
Tot Ion:276 Resp: 4323

Ion Ratio Lower Upper

276 100

138 30.6 22.2 33.2

277 30.2 19.5 29.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

