

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007005.D
 Acq On : 08 Aug 2019 02:41
 Operator : HP/JU
 Sample : K3962-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 04:59:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

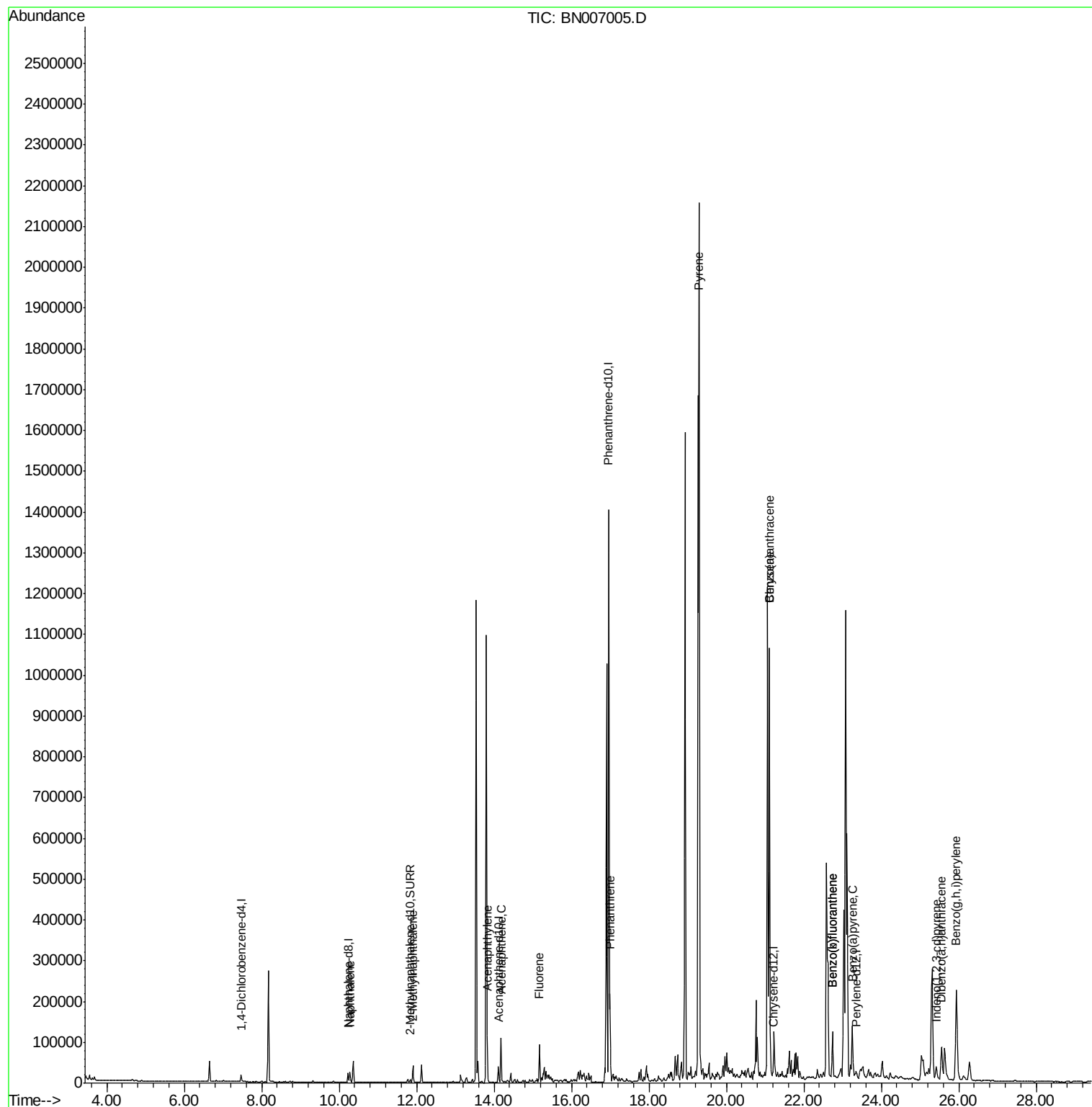
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8059	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	31585	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	18779	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	1616345	0.40	ng/ul	0.10
16) Chrysene-d12	21.20	240	735	0.40	ng/ul	0.12
20) Perylene-d12	23.35	264	6829	0.40	ng/ul	0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	9541	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	2849	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.27	128	35313	0.389	ng/ul	98
5) 2-Methylnaphthalene	11.90	142	29858	0.438	ng/ul	100
7) Acenaphthylene	13.83	152	26305	0.242	ng/ul#	97
8) Acenaphthene	14.18	153	62787	0.843	ng/ul	99
9) Fluorene	15.17	166	55058	0.610	ng/ul	99
12) Phenanthrene	16.99	178	216243	0.042	ng/ul	99
17) Pyrene	19.29	202	1893840	577.151	ng/ul	98
18) Benzo(a)anthracene	21.11	228	1033121	319.978	ng/ul	95
19) Chrysene	21.11	228	1033052	341.671	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	144419	5.216	ng/ul	93
22) Benzo(k)fluoranthene	22.74	252	143996	5.366	ng/ul#	94
23) Benzo(a)pyrene	23.25	252	153747	5.898	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.42	276	11682	0.416	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.55	278	115278	5.137	ng/ul	96
26) Benzo(g,h,i)perylene	25.94	276	416543	17.673	ng/ul	98

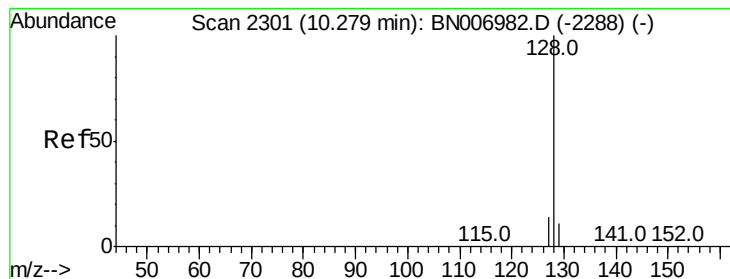
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.389 ng/ul

RT: 10.27 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BN007005.D

Acq: 08 Aug 2019 02:41

Instrument :

BNA_N

ClientSampleId :

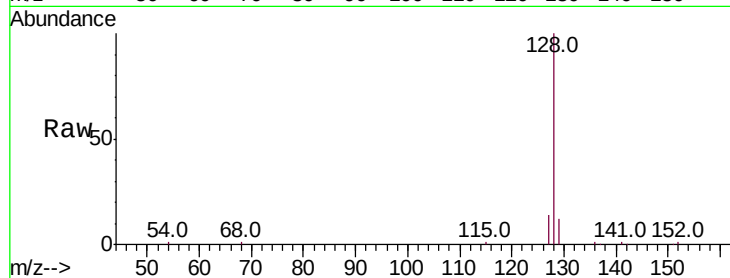
Tot Ion:128 Resp: 35313

Ion Ratio Lower Upper

128 100

129 11.6 10.0 15.0

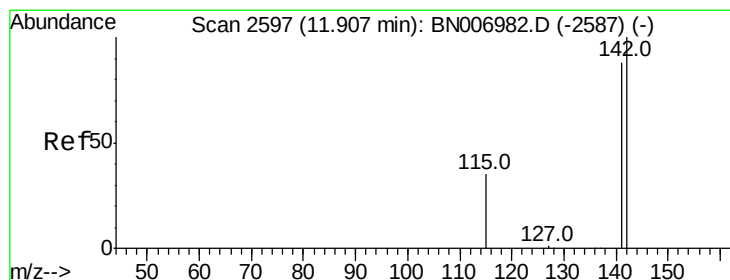
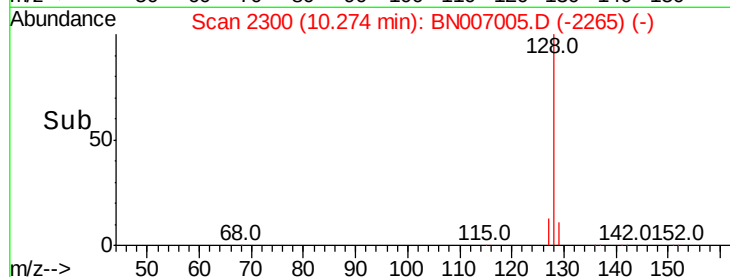
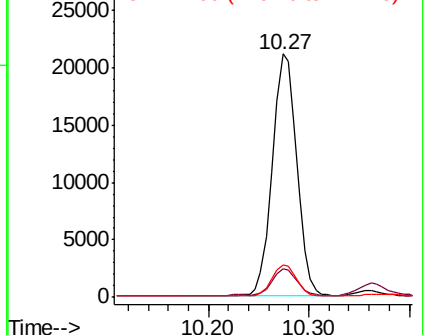
127 13.5 11.7 17.5



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: 0.438 ng/ul

RT: 11.90 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BN007005.D

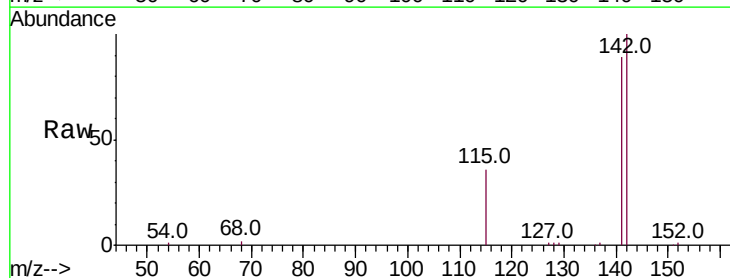
Acq: 08 Aug 2019 02:41

Tgt Ion:142 Resp: 29858

Ion Ratio Lower Upper

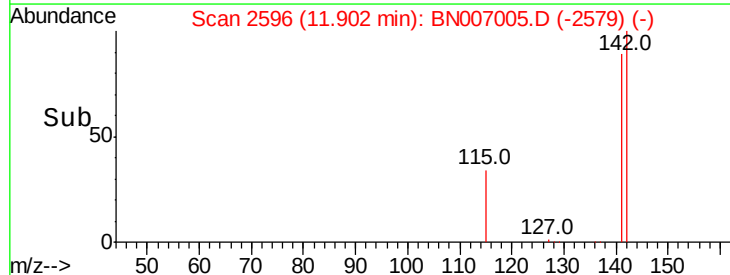
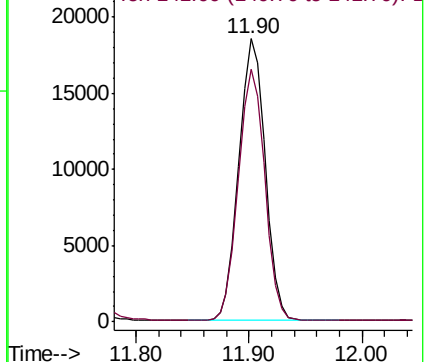
142 100

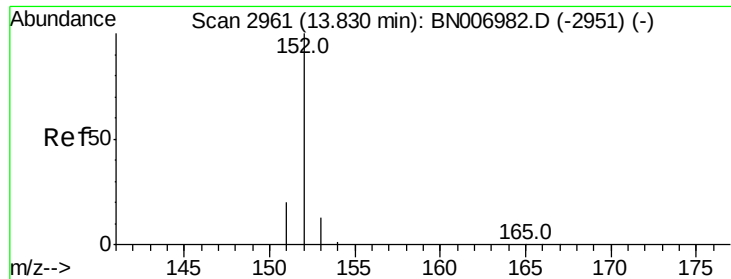
141 88.9 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.242 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN007005.D

Acq: 08 Aug 2019 02:41

Instrument :

BNA_N

ClientSampleId :

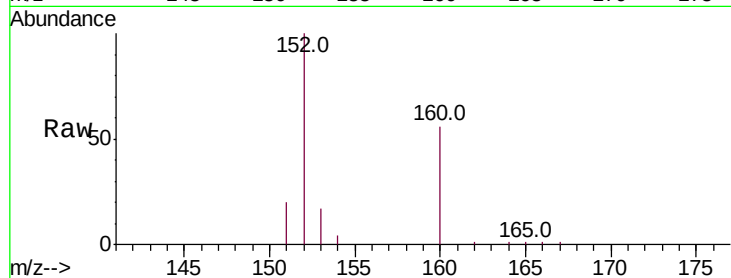
Tot Ion:152 Resp: 26305

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 16.9 11.0 16.4#

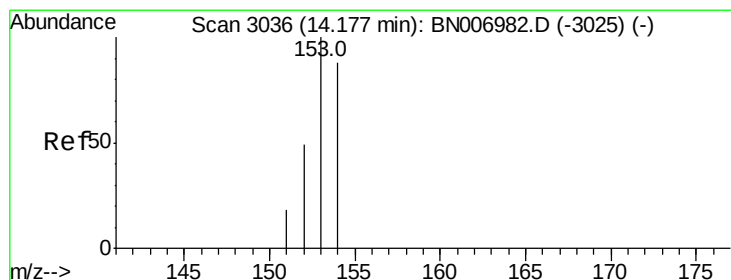
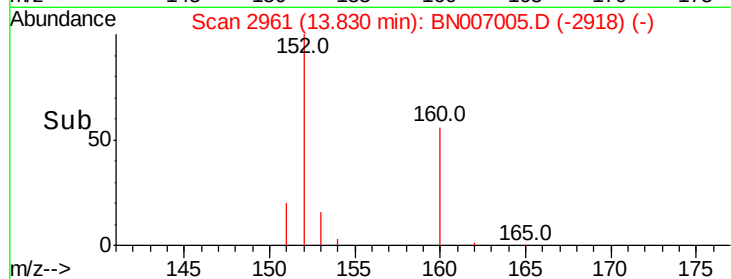
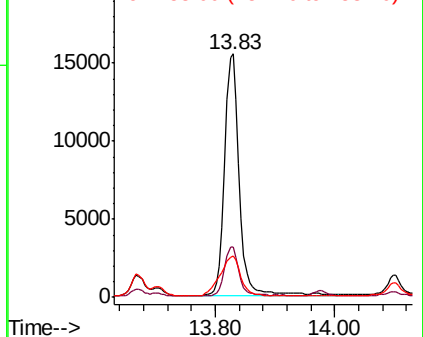


Abundance

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: 0.843 ng/ul

RT: 14.18 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BN007005.D

Acq: 08 Aug 2019 02:41

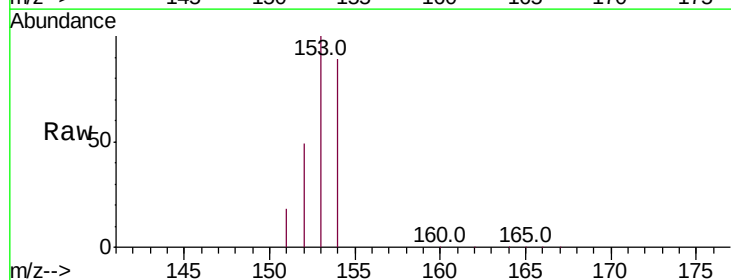
Tgt Ion:153 Resp: 62787

Ion Ratio Lower Upper

153 100

152 48.5 39.4 59.2

154 89.1 70.1 105.1

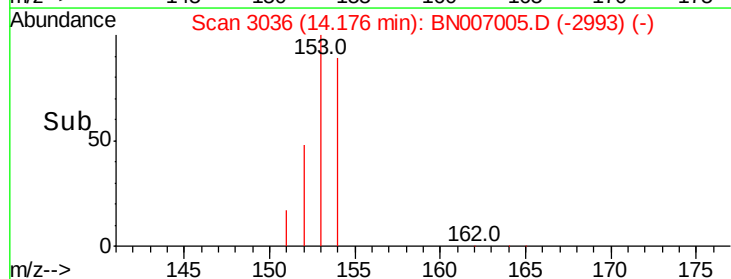
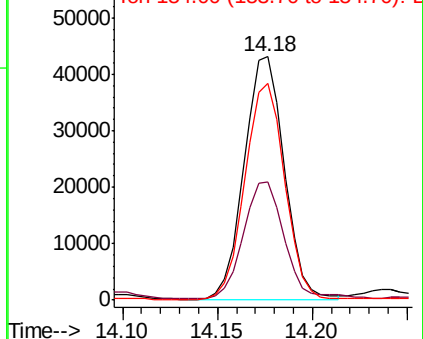


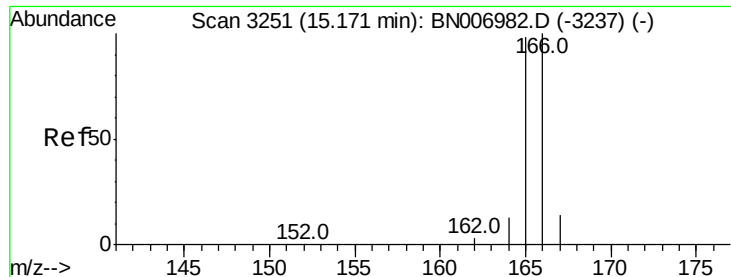
Abundance

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

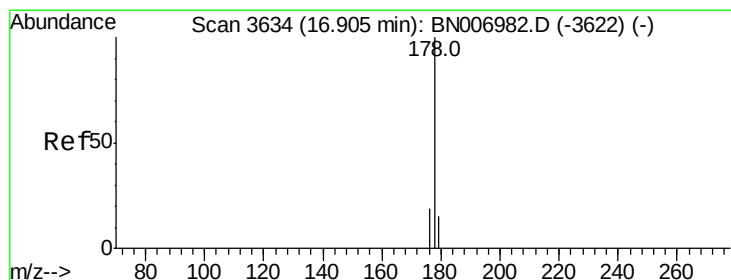
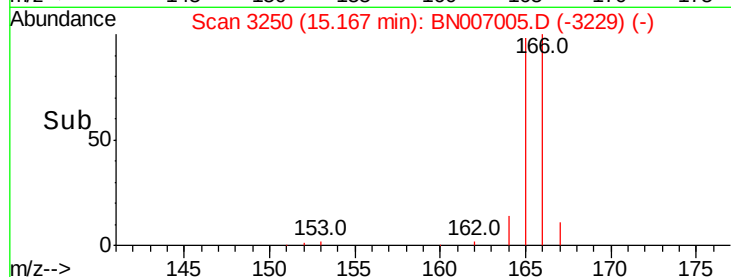
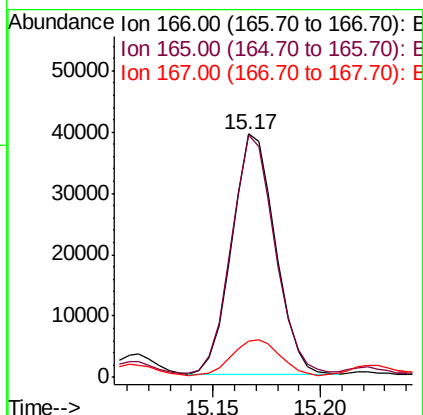
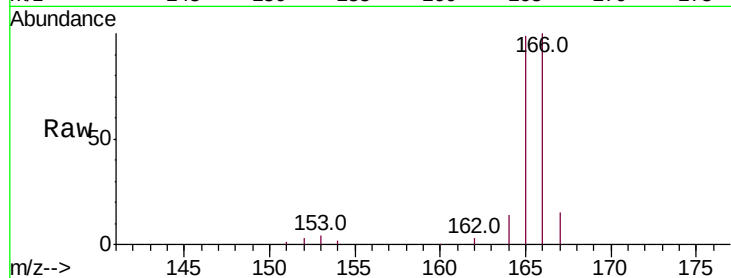




#9
Fluorene
 Concen: 0.610 ng/ul
 RT: 15.17 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: BN007005.D
 Acq: 08 Aug 2019 02:41

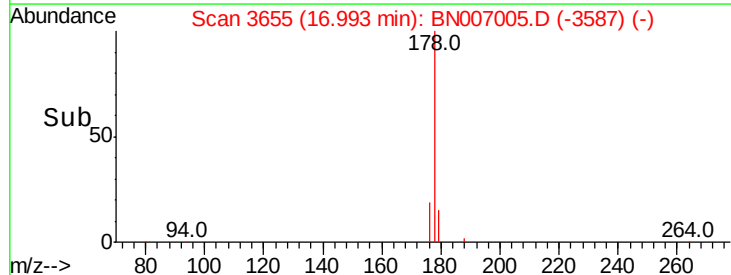
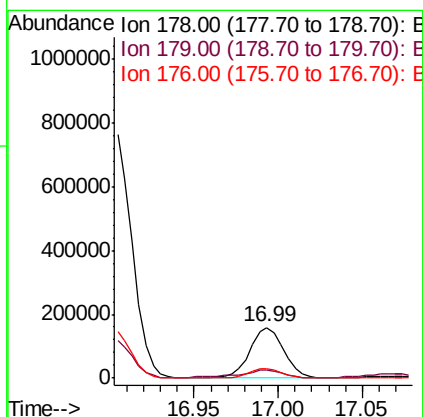
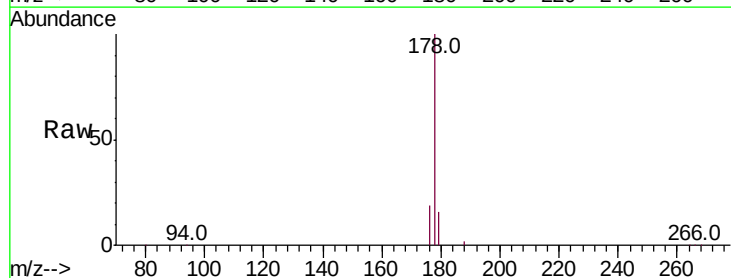
Instrument :
 BNA_N
 ClientSampleId :

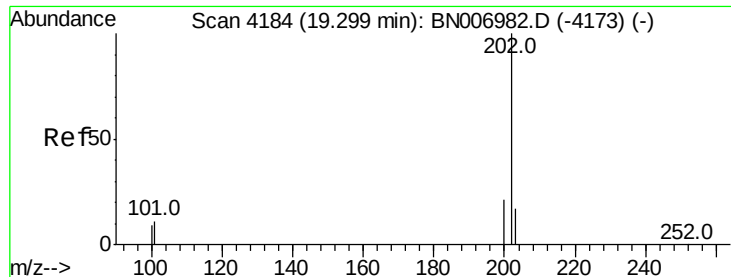
Tot Ion:166 Resp: 55058
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 15.1 11.3 16.9



#12
Phenanthrene
 Concen: 0.042 ng/ul
 RT: 16.99 min Scan# 3655
 Delta R.T. 0.09 min
 Lab File: BN007005.D
 Acq: 08 Aug 2019 02:41

Tgt Ion:178 Resp: 216243
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.5 18.7
 176 18.7 15.6 23.4





#17

Pvrene

Concen: 577.151 ng/ul

RT: 19.29 min Scan# 4183

Delta R.T. -0.00 min

Lab File: BN007005.D

Acq: 08 Aug 2019 02:41

Instrument :

BNA_N

ClientSampleId :

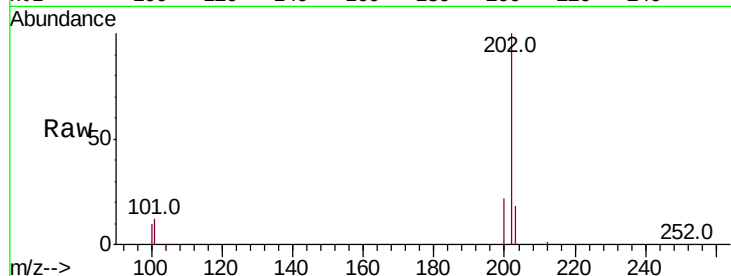
Tot Ion:202 Resp: 1893840

Ion Ratio Lower Upper

202 100

101 12.3 9.3 13.9

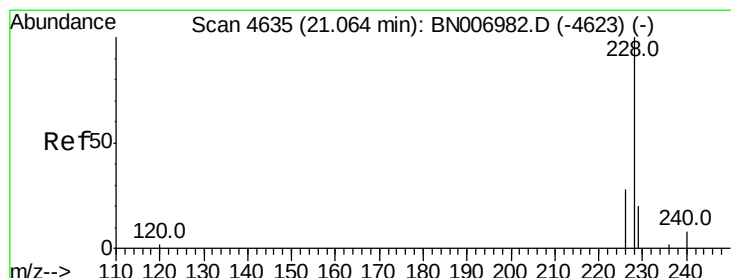
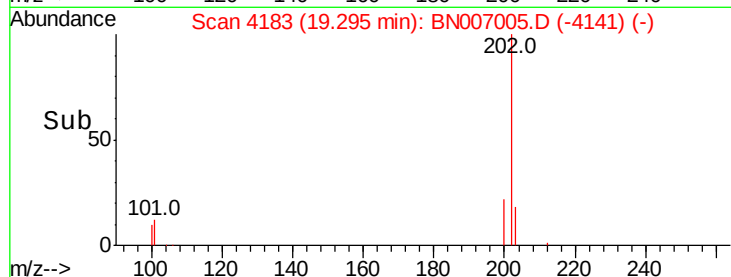
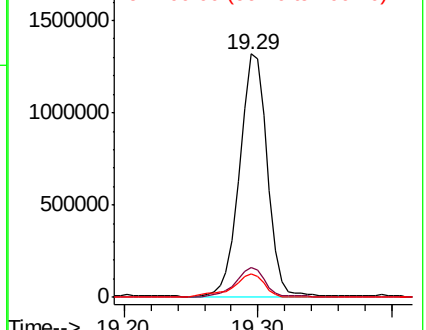
100 9.8 7.3 10.9



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: 319.978 ng/ul

RT: 21.11 min Scan# 4652

Delta R.T. 0.05 min

Lab File: BN007005.D

Acq: 08 Aug 2019 02:41

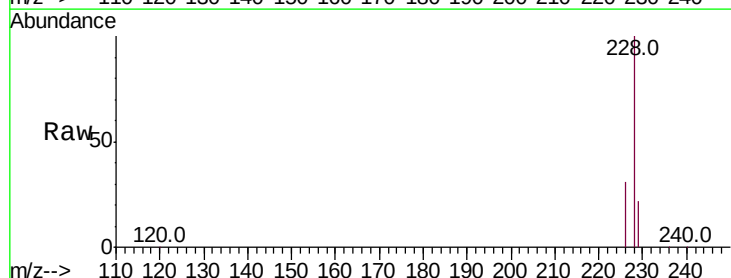
Tgt Ion:228 Resp: 1033121

Ion Ratio Lower Upper

228 100

229 21.6 15.9 23.9

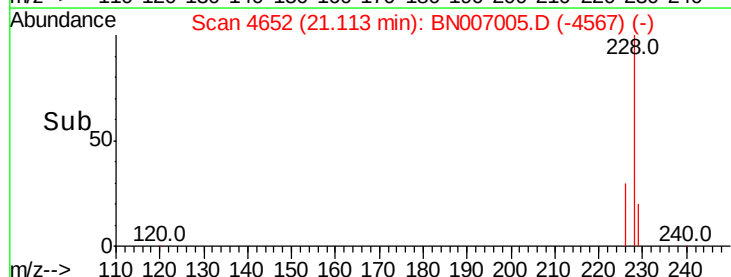
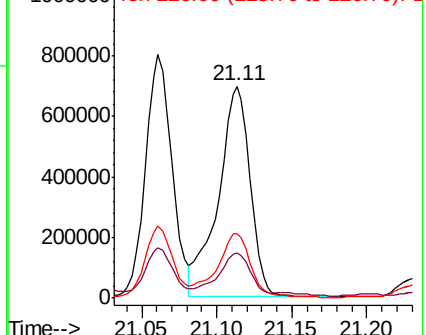
226 30.6 22.2 33.4

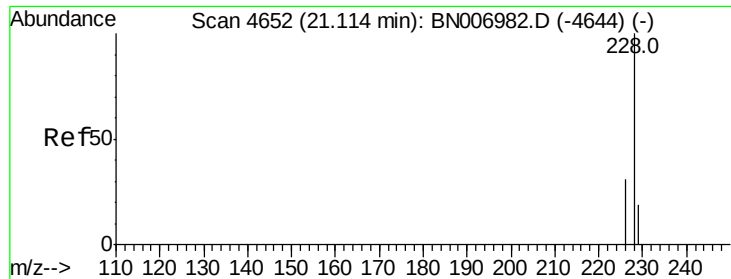


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 341.671 ng/ul

RT: 21.11 min Scan# 4652

Delta R.T. -0.00 min

Lab File: BN007005.D

Acq: 08 Aug 2019 02:41

Instrument :

BNA_N

ClientSampleId :

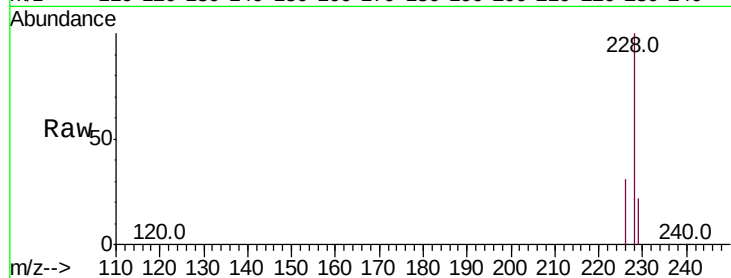
Tot Ion:228 Resp: 1033052

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

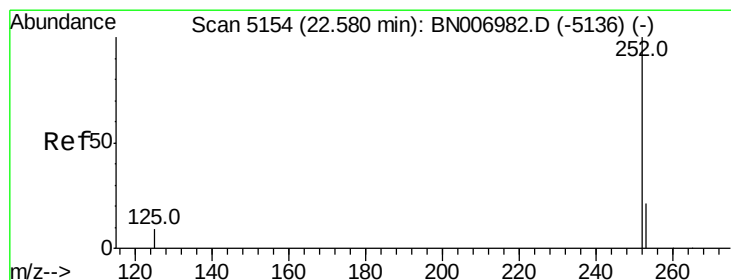
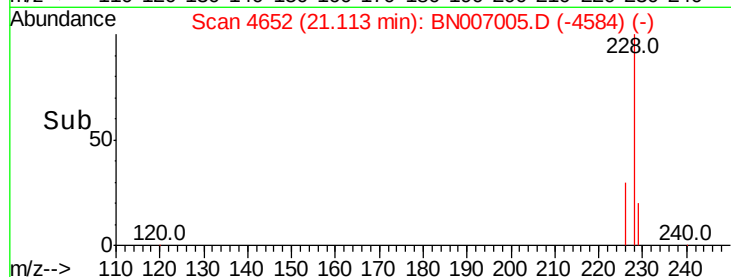
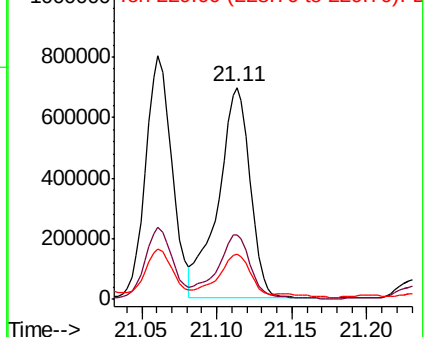
229 21.6 15.5 23.3



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: 5.216 ng/ul

RT: 22.74 min Scan# 5208

Delta R.T. 0.16 min

Lab File: BN007005.D

Acq: 08 Aug 2019 02:41

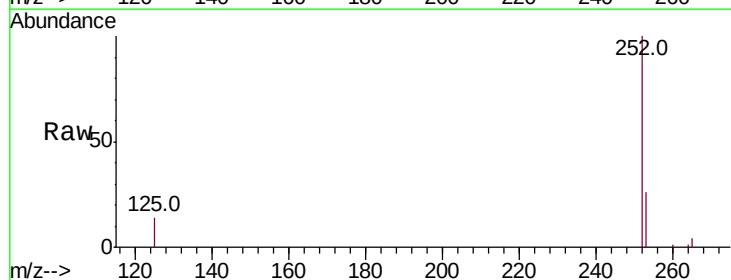
Tgt Ion:252 Resp: 144419

Ion Ratio Lower Upper

252 100

253 26.0 0.0 45.2

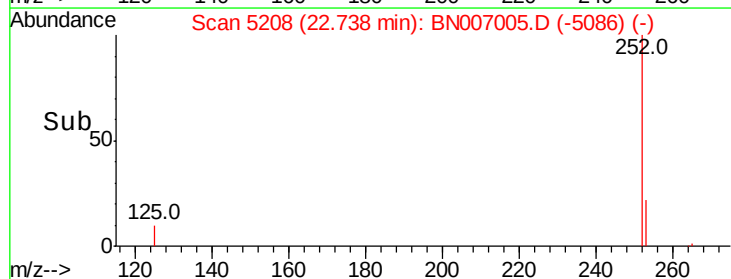
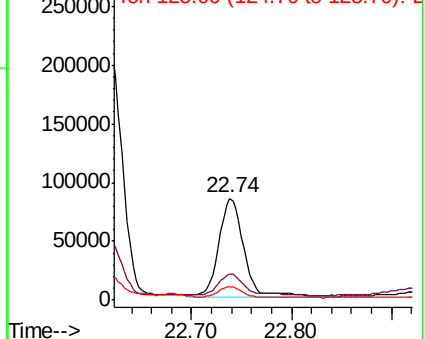
125 13.6 0.0 22.2

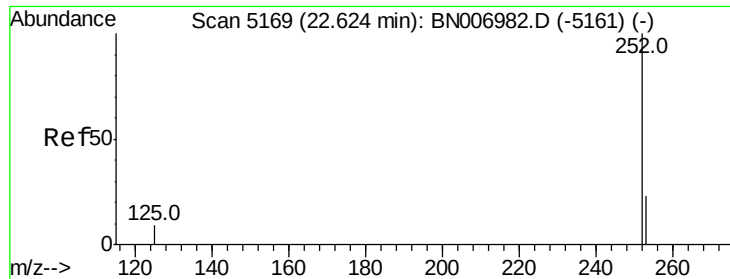


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

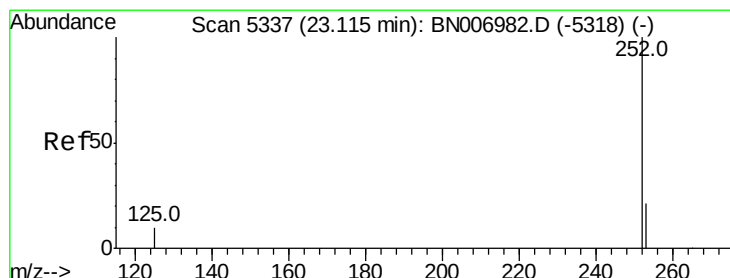
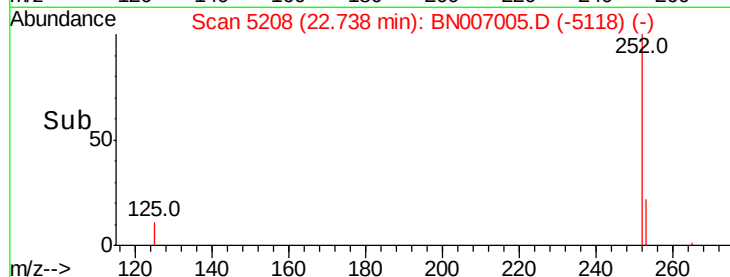
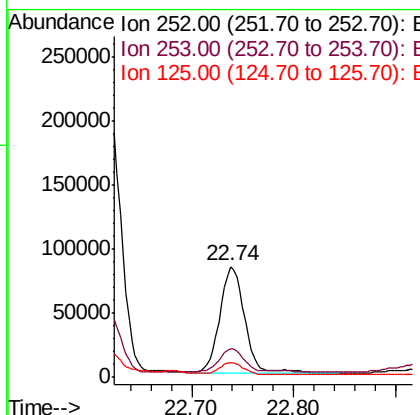
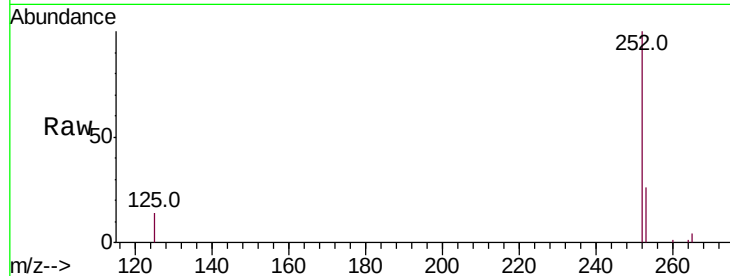




#22
Benzo(k)fluoranthene
Concen: 5.366 ng/ul
RT: 22.74 min Scan# 5208
Delta R.T. 0.11 min
Lab File: BN007005.D
Acq: 08 Aug 2019 02:41

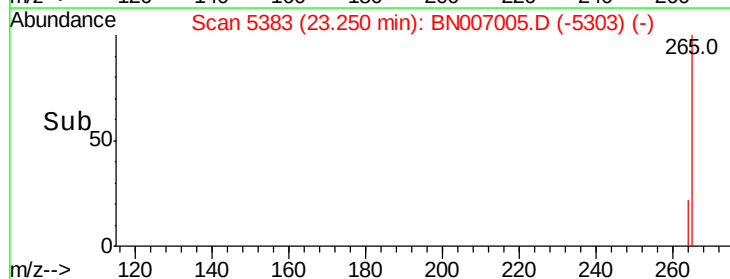
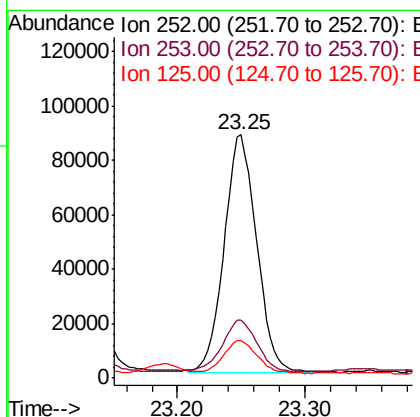
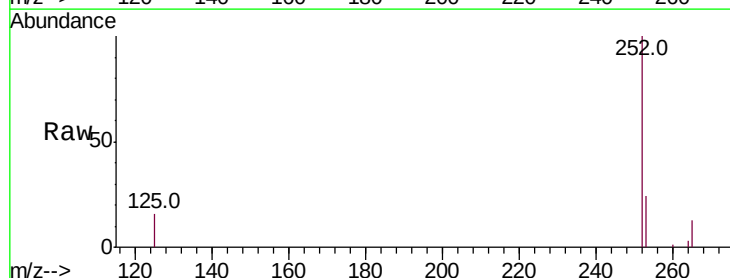
Instrument :
BNA_N
ClientSampled :

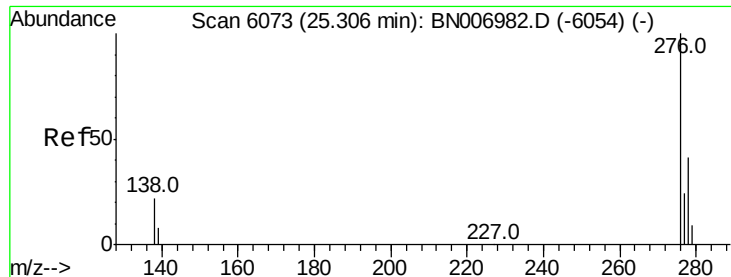
Tot Ion:252 Resp: 143996
Ion Ratio Lower Upper
252 100
253 26.0 18.6 28.0
125 13.6 8.7 13.1#



#23
Benzo(a)pyrene
Concen: 5.898 ng/ul
RT: 23.25 min Scan# 5383
Delta R.T. 0.13 min
Lab File: BN007005.D
Acq: 08 Aug 2019 02:41

Tgt Ion:252 Resp: 153747
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 15.6 10.0 15.0#

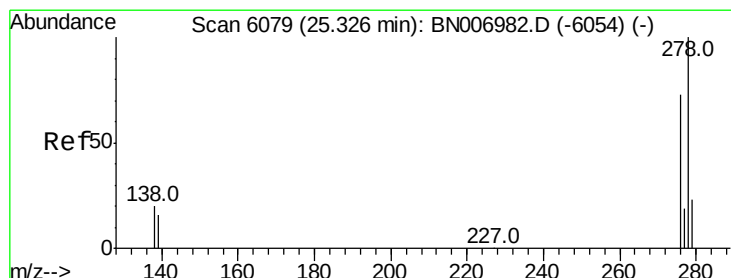
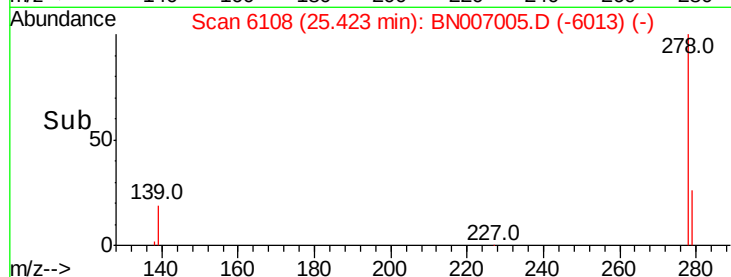
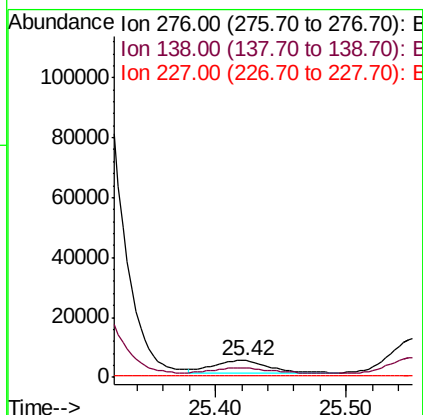
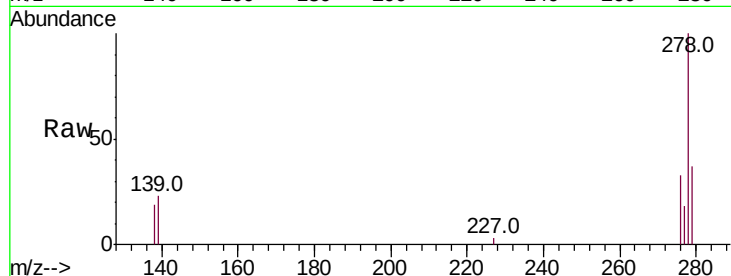




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.416 ng/ul
 RT: 25.42 min Scan# 6108
 Delta R.T. 0.12 min
 Lab File: BN007005.D
 Acq: 08 Aug 2019 02:41

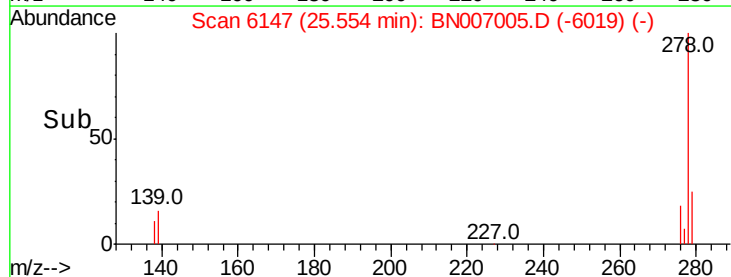
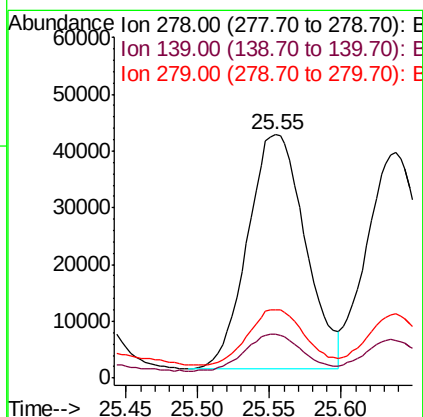
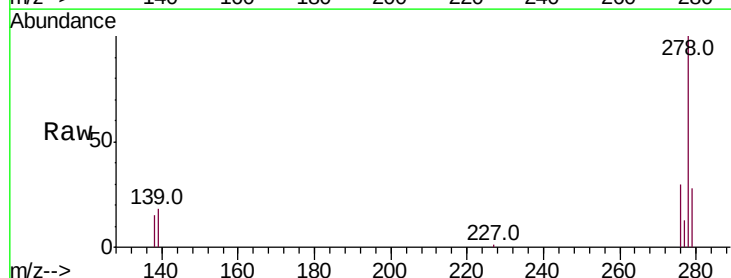
Instrument :
 BNA_N
 ClientSampled :

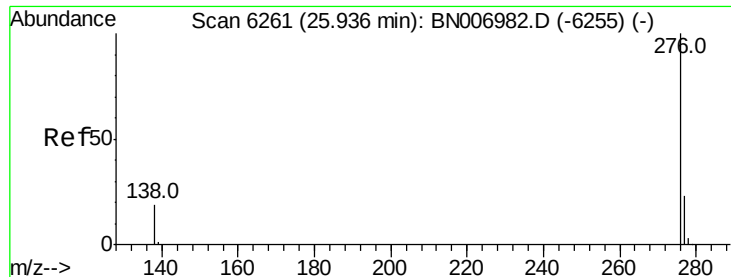
Tot Ion:276 Resp: 11682
 Ion Ratio Lower Upper
 276 100
 138 49.7 19.9 29.9#
 227 0.4 0.2 0.4#



#25
 Dibenzo(a,h)anthracene
 Concen: 5.137 ng/ul
 RT: 25.55 min Scan# 6147
 Delta R.T. 0.23 min
 Lab File: BN007005.D
 Acq: 08 Aug 2019 02:41

Tgt Ion:278 Resp: 115278
 Ion Ratio Lower Upper
 278 100
 139 18.0 14.3 21.5
 279 28.1 19.6 29.4





#26

Benzo(a,h,i)perylene

Concen: 17.673 ng/ul

RT: 25.94 min Scan# 6261

Delta R.T. -0.00 min

Lab File: BN007005.D

Acq: 08 Aug 2019 02:41

Instrument :

BNA_N

ClientSampleId :

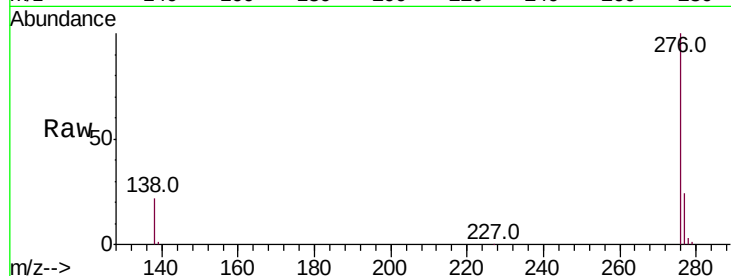
Tot Ion:276 Resp: 416543

Ion Ratio Lower Upper

276 100

138 21.5 18.7 28.1

277 24.1 19.3 28.9



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

