

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007006.D
 Acq On : 08 Aug 2019 03:17
 Operator : HP/JU
 Sample : K3962-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 04:59:10 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

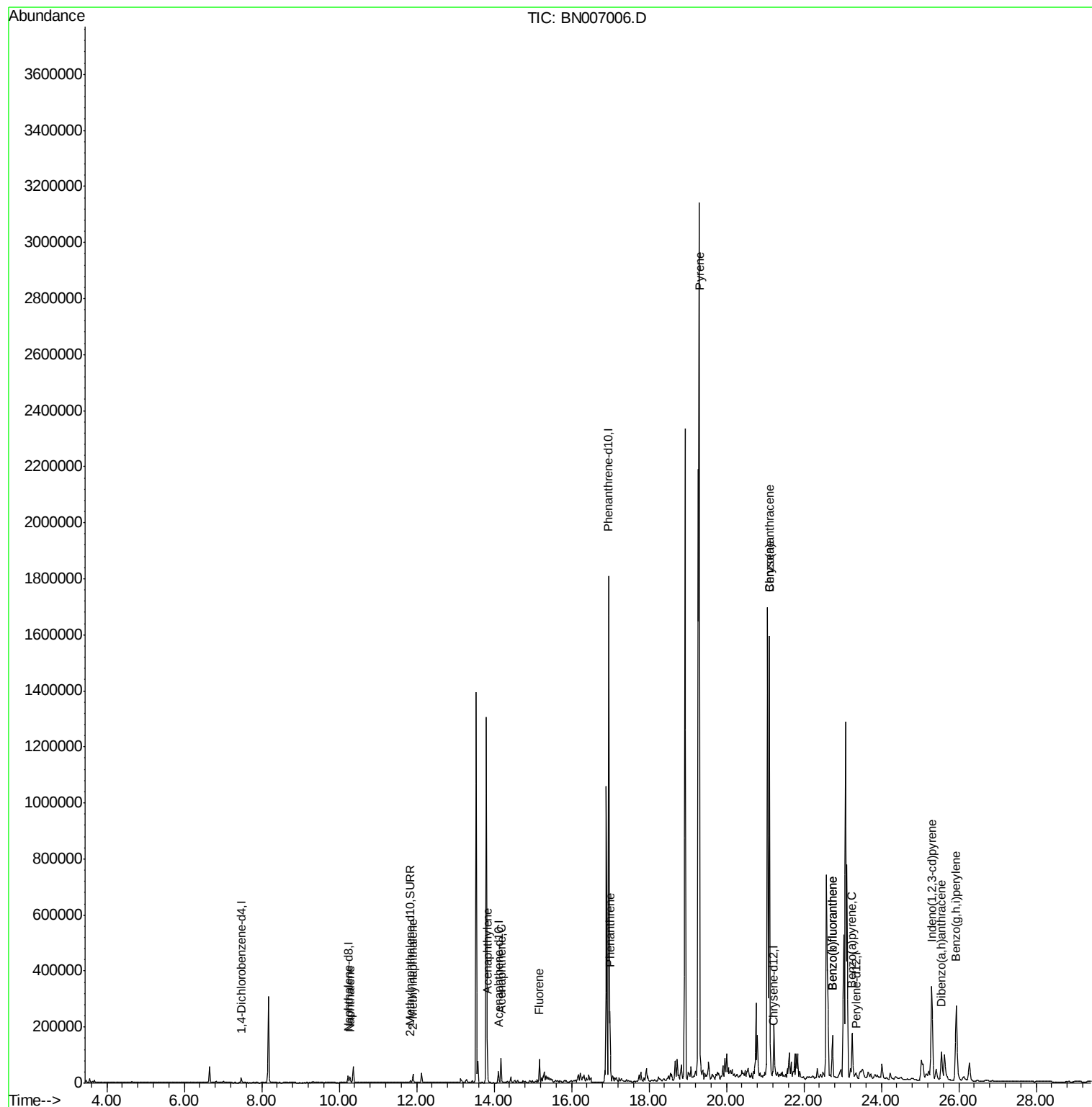
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8213	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33262	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	20490	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	2090870	0.40	ng/ul	0.10
16) Chrysene-d12	21.20	240	684	0.40	ng/ul	0.12
20) Perylene-d12	23.34	264	7967	0.40	ng/ul	0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	11446	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	3807	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.28	128	28373	0.296	ng/ul	98
5) 2-Methylnaphthalene	11.90	142	21006	0.292	ng/ul	100
7) Acenaphthylene	13.83	152	43951	0.370	ng/ul	98
8) Acenaphthene	14.18	153	52055	0.641	ng/ul	98
9) Fluorene	15.17	166	48706	0.495	ng/ul	98
12) Phenanthrene	16.99	178	252929	0.038	ng/ul	99
17) Pyrene	19.30	202	2681656	878.174	ng/ul	100
18) Benzo(a)anthracene	21.11	228	1488890	495.522	ng/ul	95
19) Chrysene	21.11	228	1488890	529.151	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	197670	6.120	ng/ul	92
22) Benzo(k)fluoranthene	22.74	252	197505	6.309	ng/ul#	93
23) Benzo(a)pyrene	23.25	252	200030	6.577	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.30	276	490714	14.969	ng/ul	93
25) Dibenzo(a,h)anthracene	25.55	278	136632	5.219	ng/ul	95
26) Benzo(g,h,i)perylene	25.94	276	518212	18.846	ng/ul	98

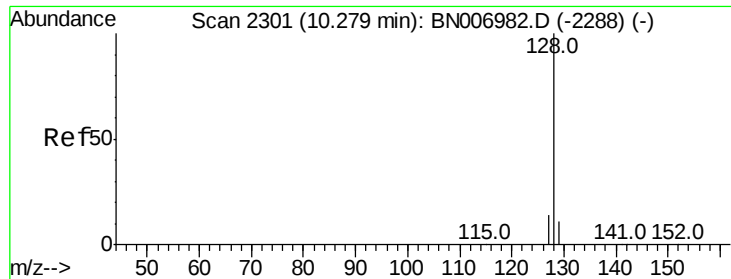
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007006.D
Acq On : 08 Aug 2019 03:17
Operator : HP/JU
Sample : K3962-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 08 04:59:10 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





#3

Naphthalene

Concen: 0.296 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN007006.D

Acq: 08 Aug 2019 03:17

Instrument :

BNA_N

ClientSampleId :

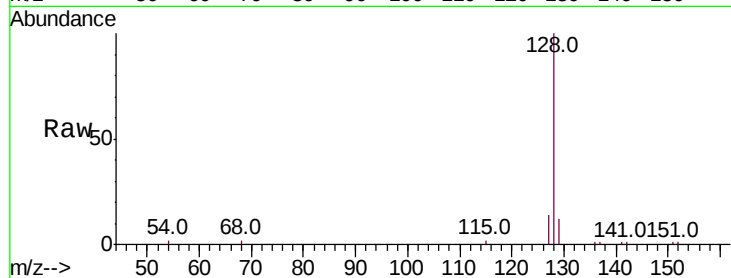
Tot Ion:128 Resp: 28373

Ion Ratio Lower Upper

128 100

129 11.6 10.0 15.0

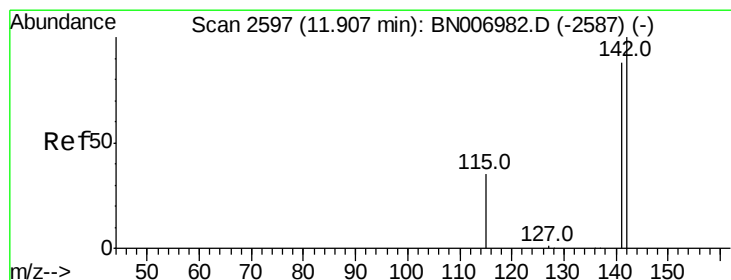
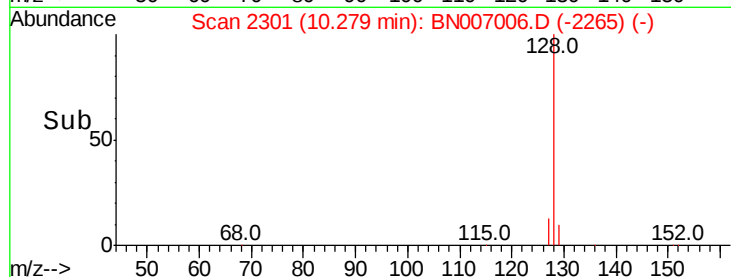
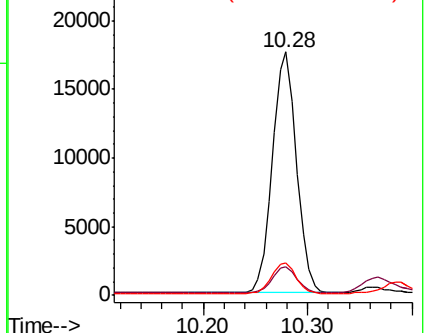
127 13.5 11.7 17.5



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: 0.292 ng/ul

RT: 11.90 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BN007006.D

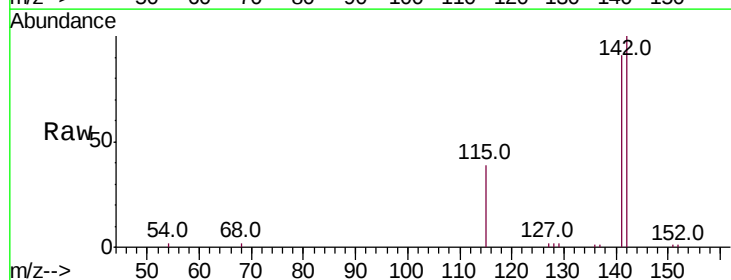
Acq: 08 Aug 2019 03:17

Tgt Ion:142 Resp: 21006

Ion Ratio Lower Upper

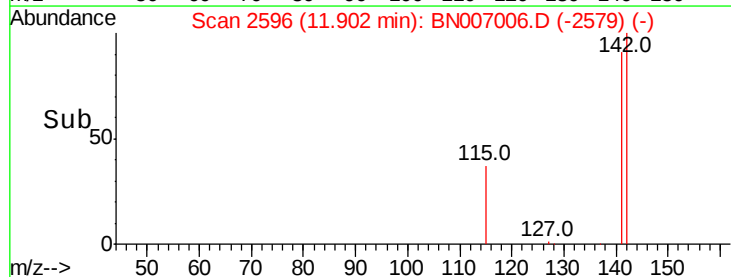
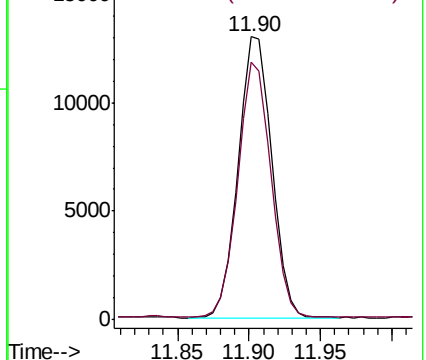
142 100

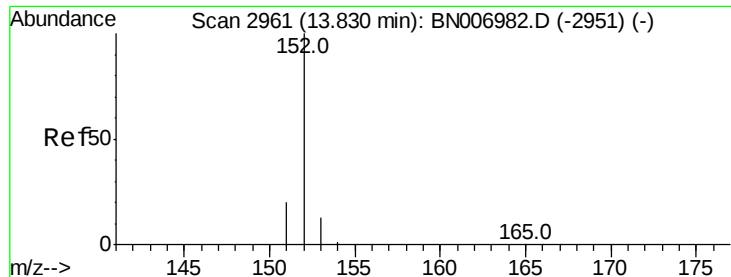
141 89.2 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.370 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN007006.D

Acq: 08 Aug 2019 03:17

Instrument :

BNA_N

ClientSampleId :

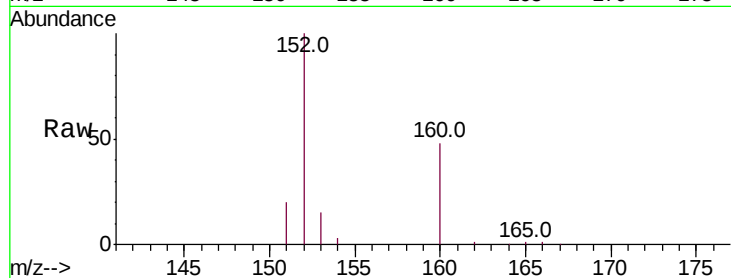
Tot Ion:152 Resp: 43951

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

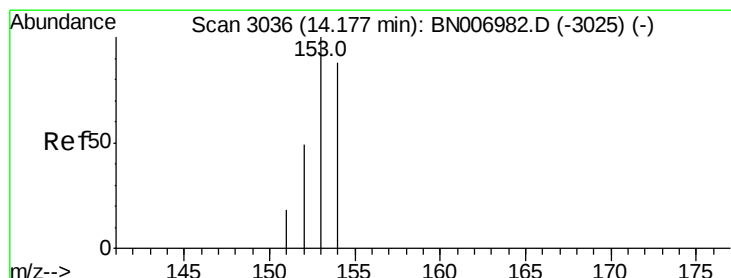
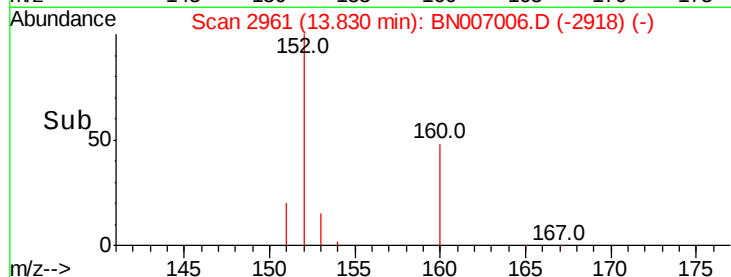
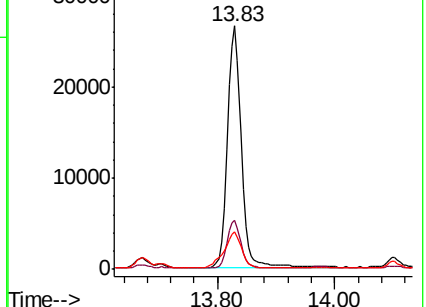
153 15.3 11.0 16.4



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: 0.641 ng/ul

RT: 14.18 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BN007006.D

Acq: 08 Aug 2019 03:17

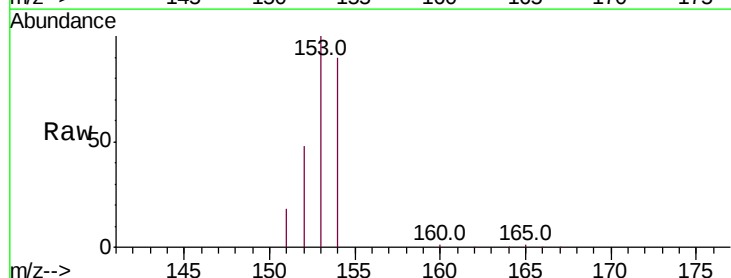
Tgt Ion:153 Resp: 52055

Ion Ratio Lower Upper

153 100

152 48.2 39.4 59.2

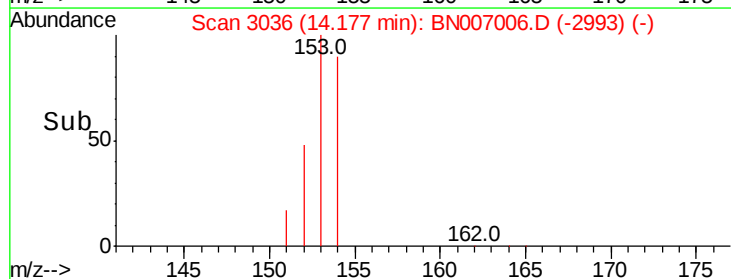
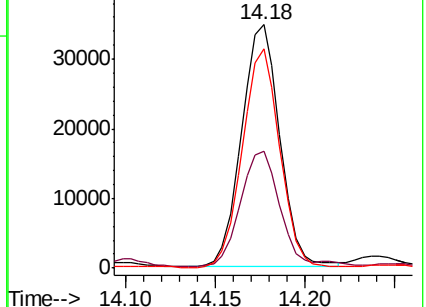
154 89.9 70.1 105.1

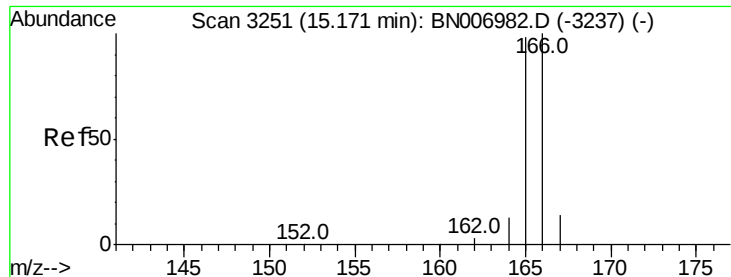


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

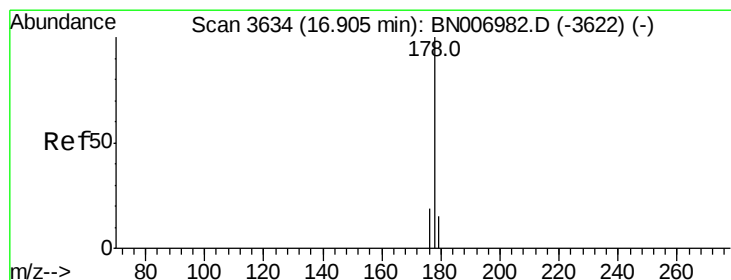
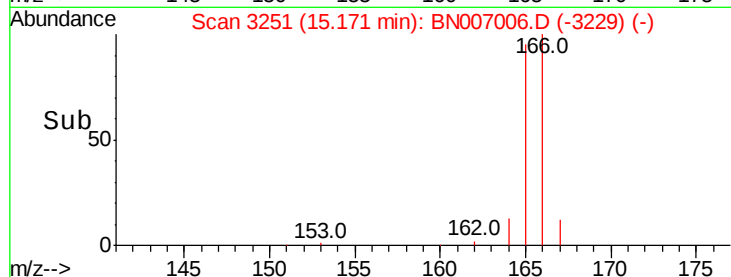
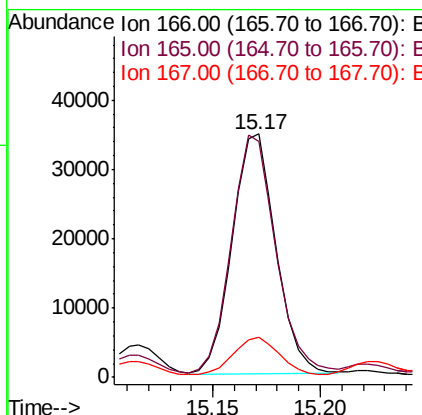
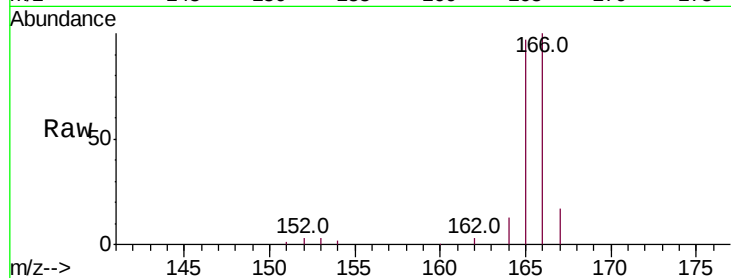




#9
Fluorene
 Concen: 0.495 ng/ul
 RT: 15.17 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BN007006.D
 Acq: 08 Aug 2019 03:17

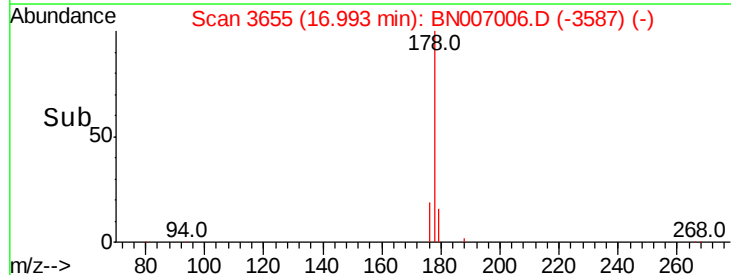
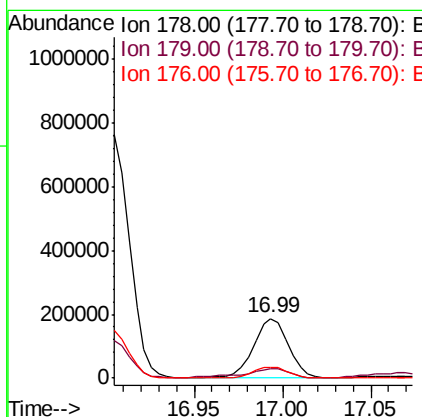
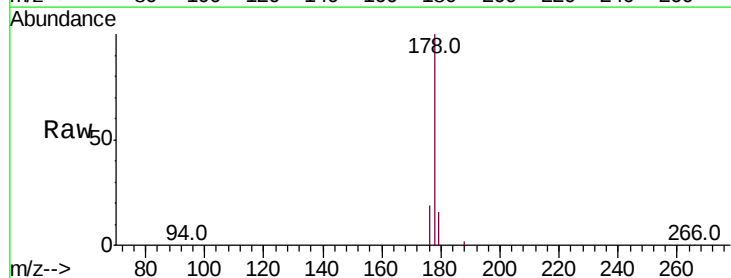
Instrument :
 BNA_N
 ClientSampleId :

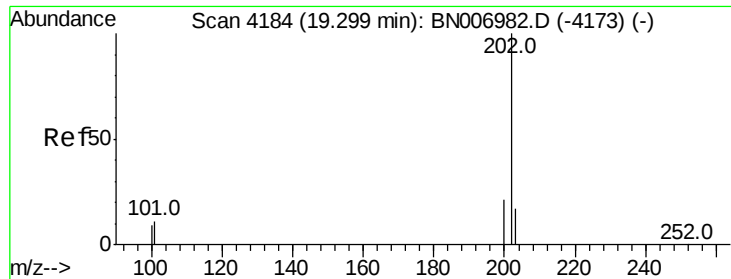
Tot Ion:166 Resp: 48706
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.8 118.2
 167 16.5 11.3 16.9



#12
Phenanthrene
 Concen: 0.038 ng/ul
 RT: 16.99 min Scan# 3655
 Delta R.T. 0.09 min
 Lab File: BN007006.D
 Acq: 08 Aug 2019 03:17

Tgt Ion:178 Resp: 252929
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.5 18.7
 176 18.7 15.6 23.4

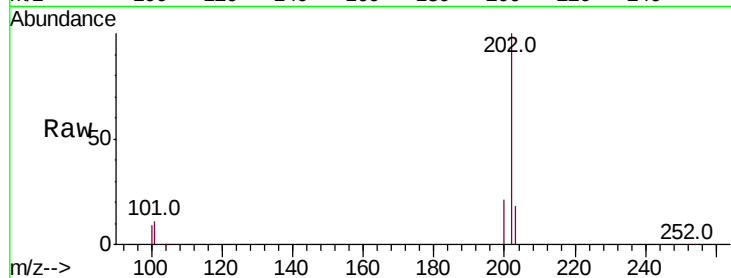




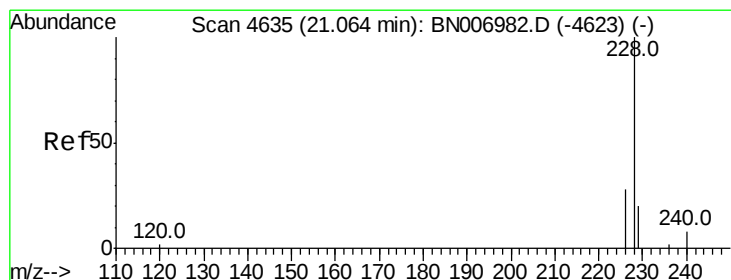
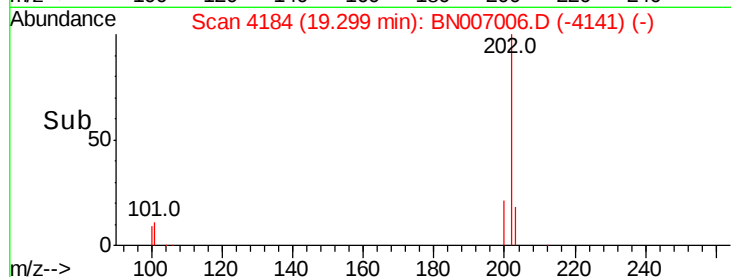
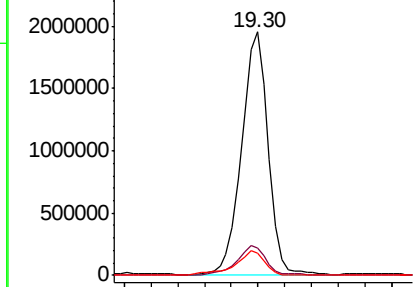
#17
Pvrene
Concen: 878.174 ng/ul
RT: 19.30 min Scan# 4184
Delta R.T. -0.00 min
Lab File: BN007006.D
Acq: 08 Aug 2019 03:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 2681656
Ion Ratio Lower Upper
202 100
101 11.5 9.3 13.9
100 9.1 7.3 10.9

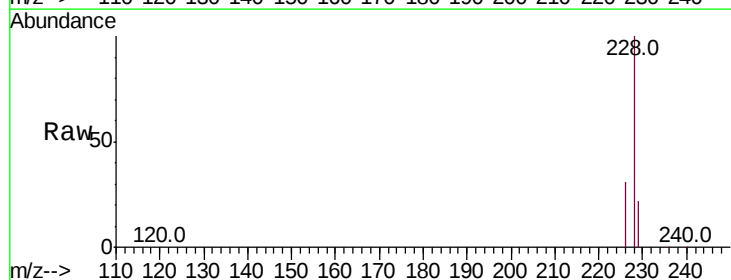


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

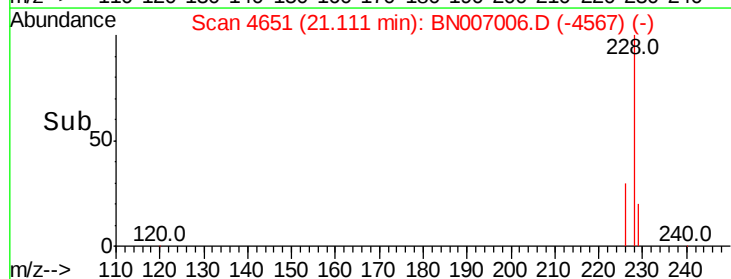
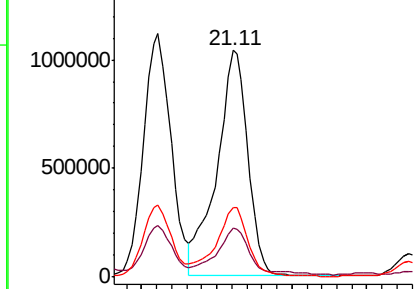


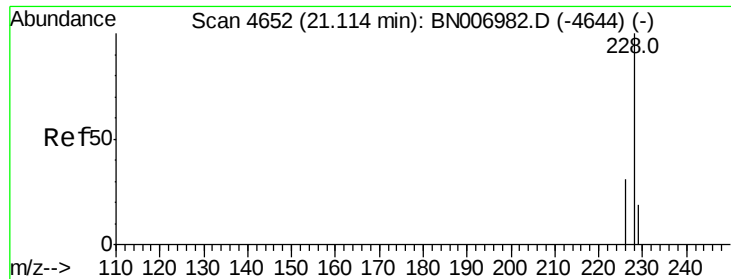
#18
Benzo(a)anthracene
Concen: 495.522 ng/ul
RT: 21.11 min Scan# 4651
Delta R.T. 0.05 min
Lab File: BN007006.D
Acq: 08 Aug 2019 03:17

Tgt Ion:228 Resp: 1488890
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 30.9 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: 529.151 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007006.D

Acq: 08 Aug 2019 03:17

Instrument :

BNA_N

ClientSampled :

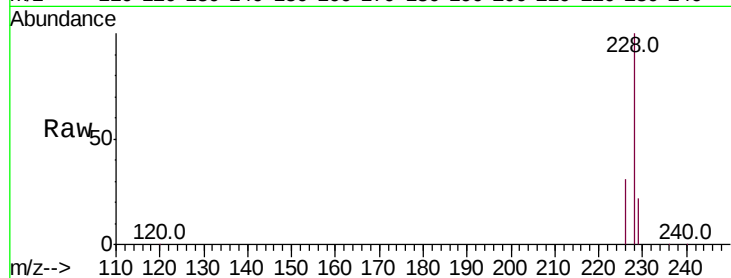
Tot Ion:228 Resp: 1488890

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

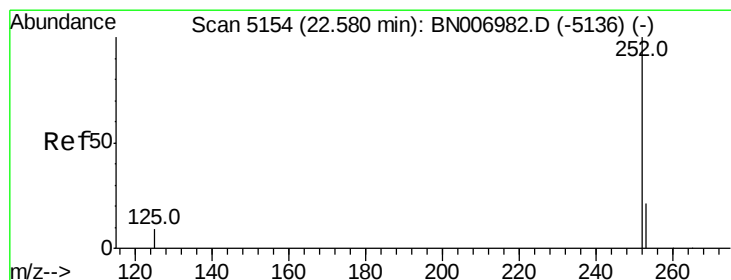
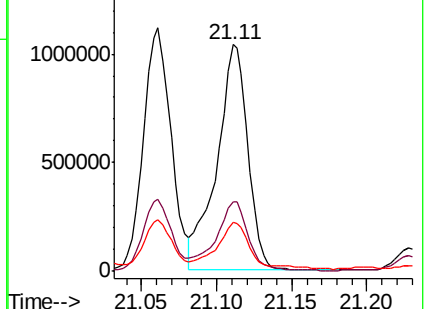
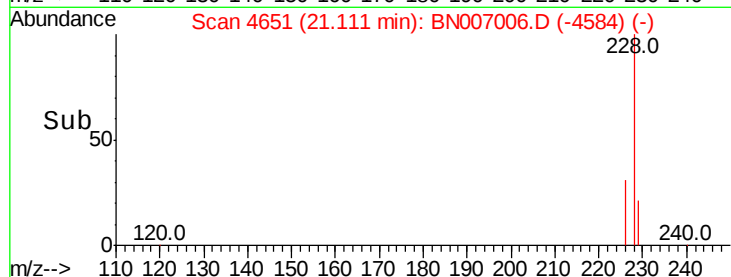
229 21.6 15.5 23.3



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: 6.120 ng/ul

RT: 22.74 min Scan# 5208

Delta R.T. 0.16 min

Lab File: BN007006.D

Acq: 08 Aug 2019 03:17

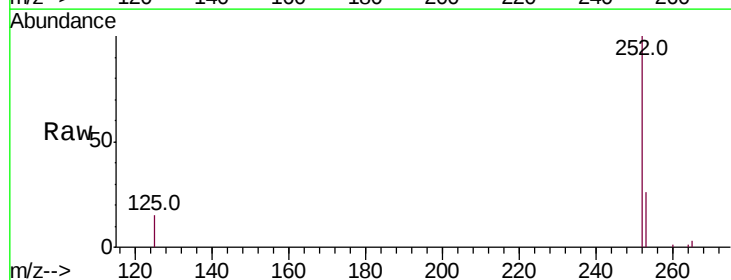
Tgt Ion:252 Resp: 197670

Ion Ratio Lower Upper

252 100

253 26.3 0.0 45.2

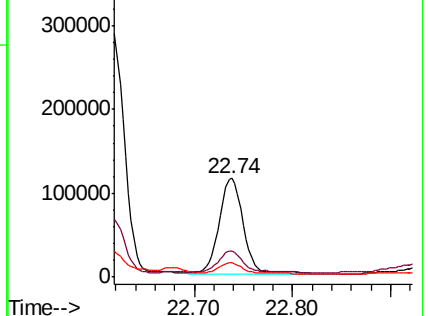
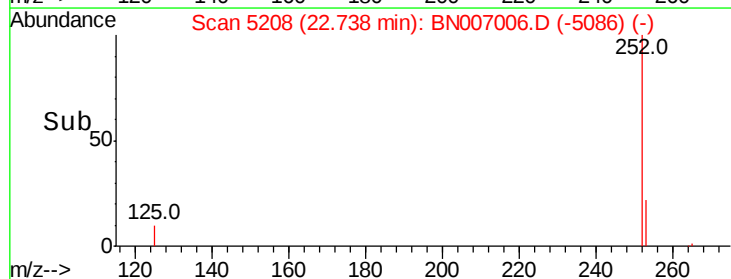
125 14.5 0.0 22.2

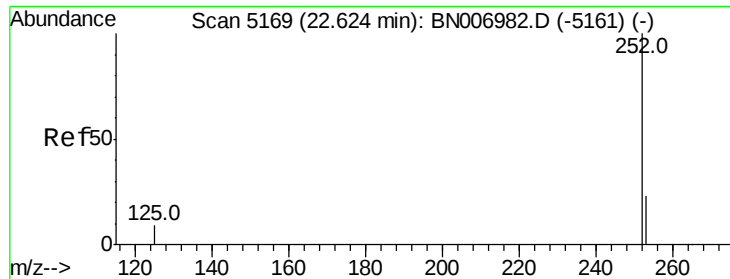


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 6.309 ng/ul

RT: 22.74 min Scan# 5208

Delta R.T. 0.11 min

Lab File: BN007006.D

Acq: 08 Aug 2019 03:17

Instrument :

BNA_N

ClientSampleId :

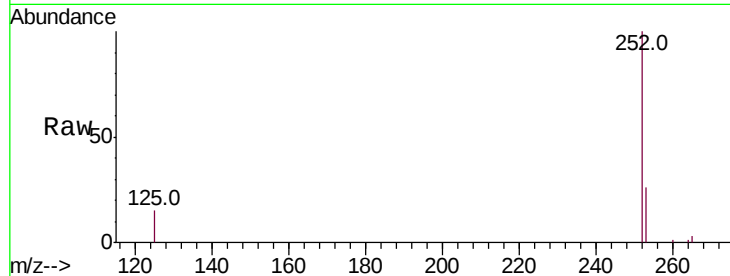
Tot Ion:252 Resp: 197505

Ion Ratio Lower Upper

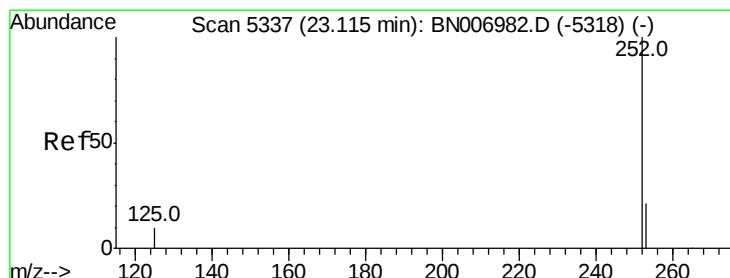
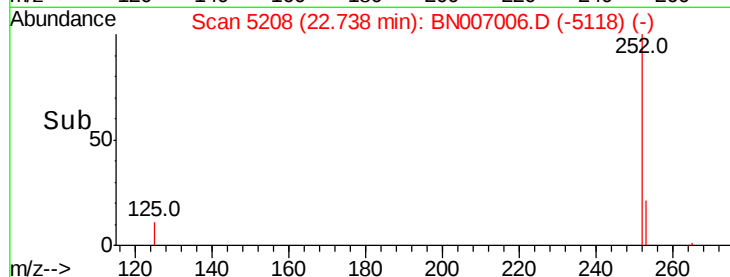
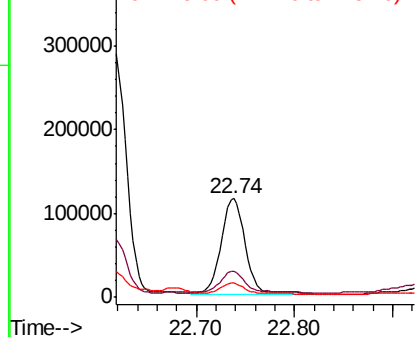
252 100

253 26.3 18.6 28.0

125 14.5 8.7 13.1#



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: 6.577 ng/ul

RT: 23.25 min Scan# 5382

Delta R.T. 0.13 min

Lab File: BN007006.D

Acq: 08 Aug 2019 03:17

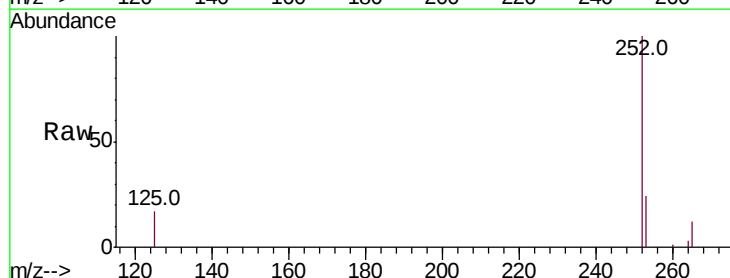
Tgt Ion:252 Resp: 200030

Ion Ratio Lower Upper

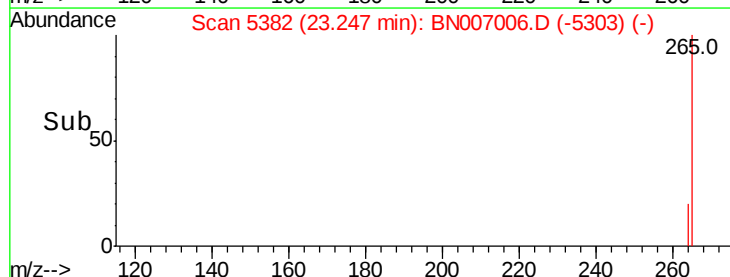
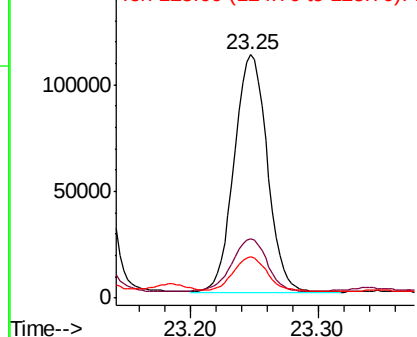
252 100

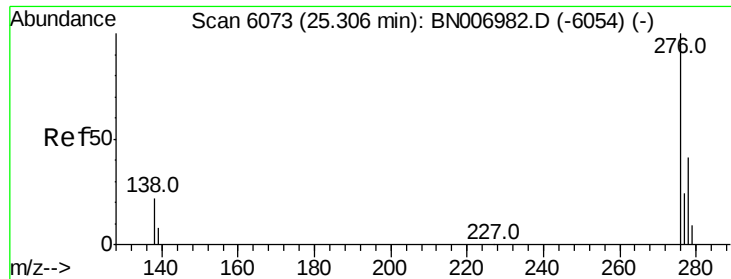
253 24.4 18.0 27.0

125 16.8 10.0 15.0#



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

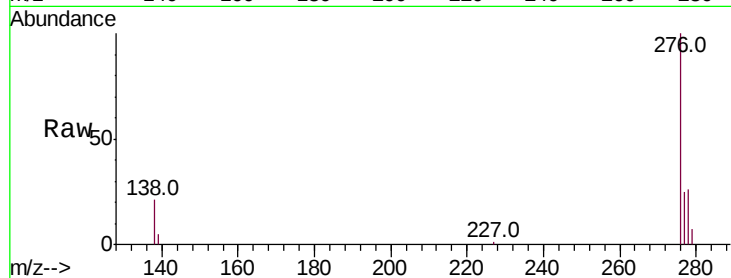




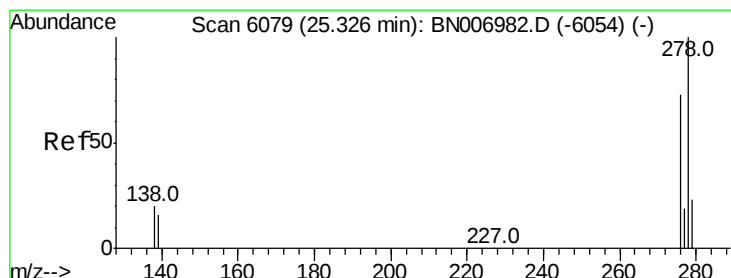
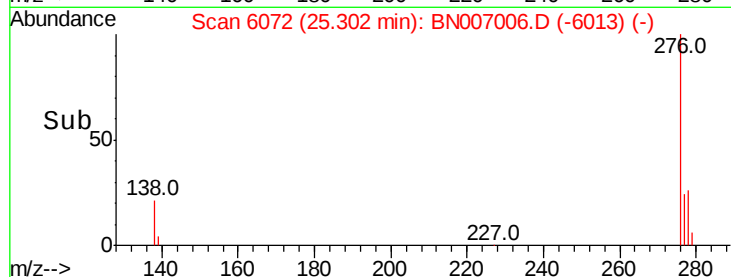
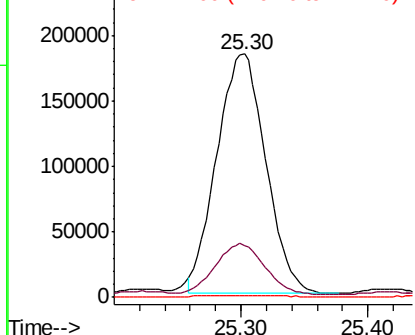
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 14.969 ng/ul
 RT: 25.30 min Scan# 6072
 Delta R.T. -0.00 min
 Lab File: BN007006.D
 Acq: 08 Aug 2019 03:17

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 490714
 Ion Ratio Lower Upper
 276 100
 138 21.4 19.9 29.9
 227 0.3 0.2 0.4

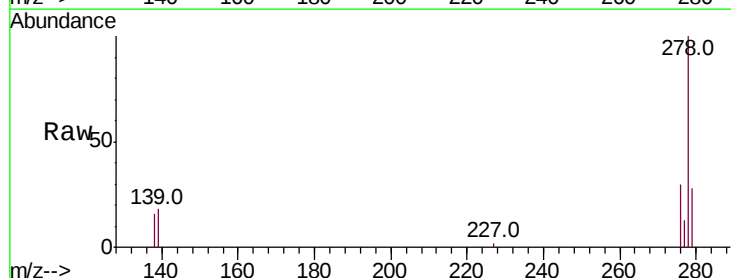


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

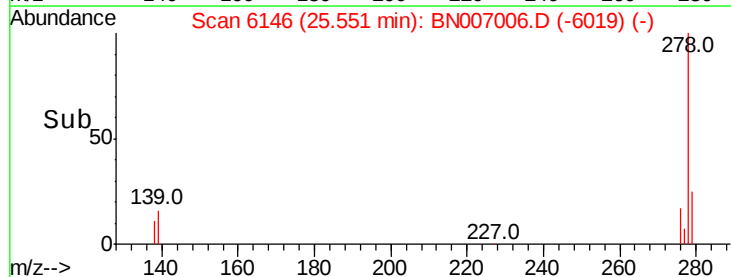
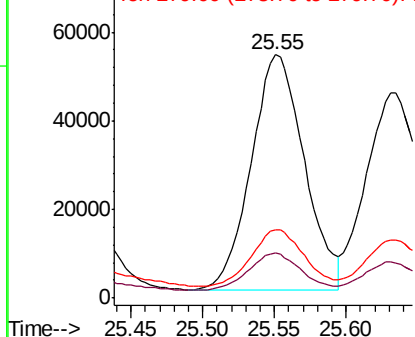


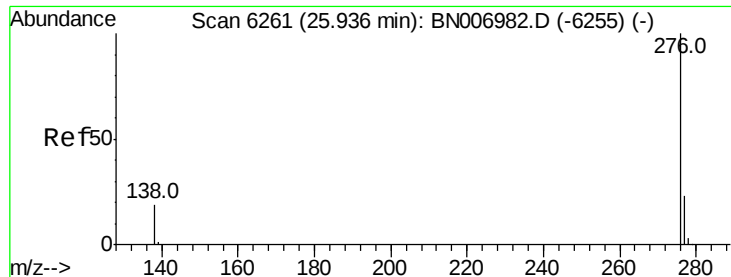
#25
 Dibenzo(a,h)anthracene
 Concen: 5.219 ng/ul
 RT: 25.55 min Scan# 6146
 Delta R.T. 0.22 min
 Lab File: BN007006.D
 Acq: 08 Aug 2019 03:17

Tgt Ion:278 Resp: 136632
 Ion Ratio Lower Upper
 278 100
 139 18.4 14.3 21.5
 279 28.1 19.6 29.4



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: 18.846 ng/ul

RT: 25.94 min Scan# 6261

Delta R.T. -0.00 min

Lab File: BN007006.D

Acq: 08 Aug 2019 03:17

Instrument :

BNA_N

ClientSampleId :

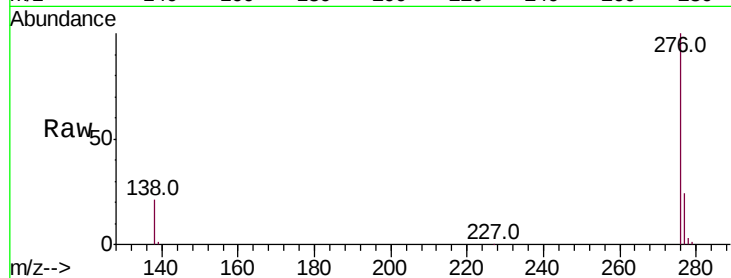
Tot Ion:276 Resp: 518212

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

250000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

