

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 04:59:17 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

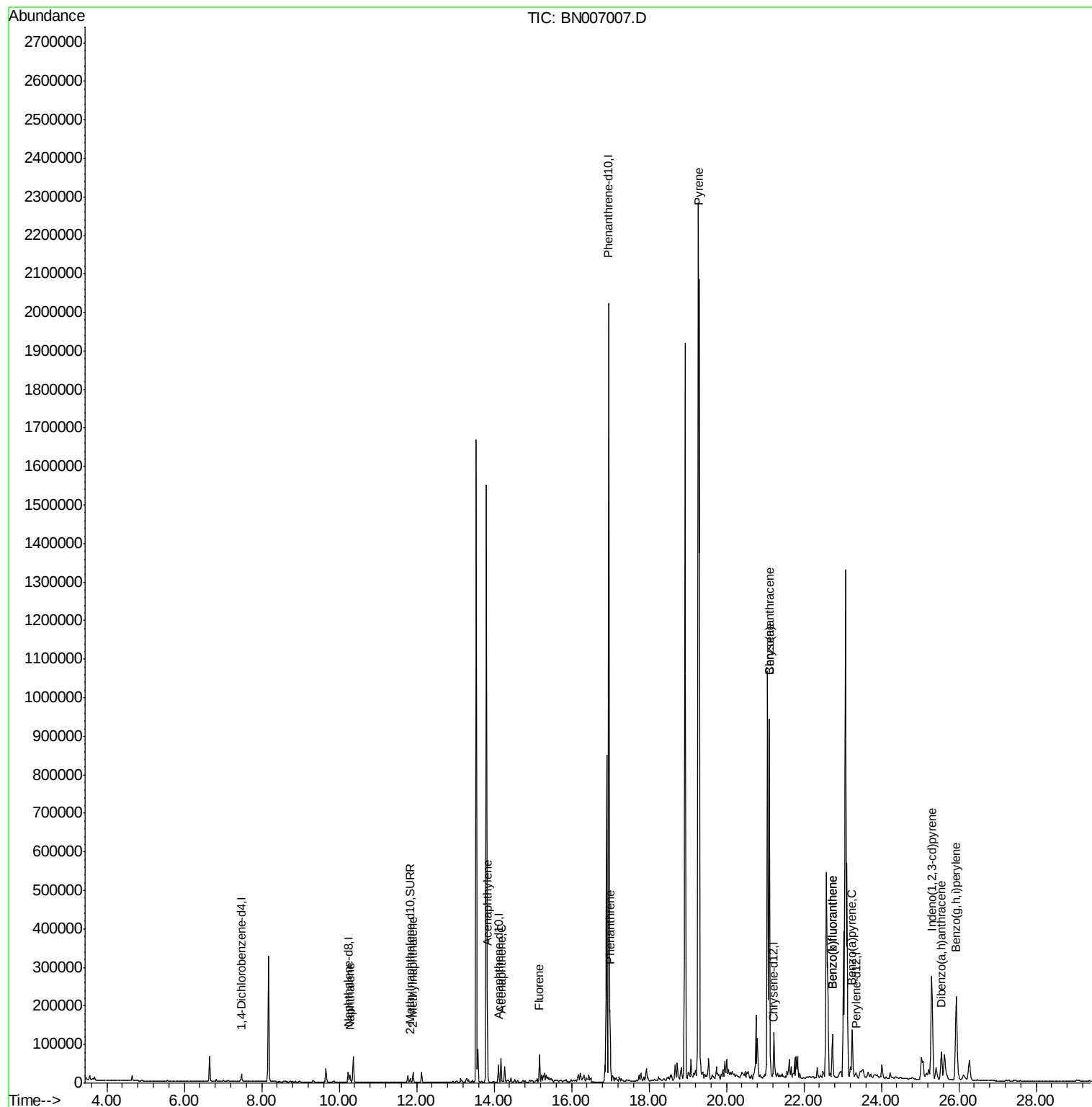
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	9168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	36597	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	22656	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	2386968	0.40	ng/ul	0.10
16) Chrysene-d12	21.20	240	397	0.40	ng/ul	0.13
20) Perylene-d12	23.34	264	4726	0.40	ng/ul	0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	13448	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	2277	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.28	128	26632	0.253	ng/ul	98
5) 2-Methylnaphthalene	11.91	142	19248	0.243	ng/ul	100
7) Acenaphthylene	13.83	152	47738	0.364	ng/ul	99
8) Acenaphthene	14.18	153	35968	0.400	ng/ul	99
9) Fluorene	15.17	166	40786	0.375	ng/ul	97
12) Phenanthrene	16.99	178	190082	0.025	ng/ul	99
17) Pyrene	19.29	202	1834262	1034.914	ng/ul	98
18) Benzo(a)anthracene	21.11	228	914632	524.460	ng/ul	95
19) Chrysene	21.11	228	914632	560.053	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	146950	7.670	ng/ul	91
22) Benzo(k)fluoranthene	22.74	252	146554	7.891	ng/ul#	92
23) Benzo(a)pyrene	23.25	252	154075	8.541	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.30	276	415709	21.377	ng/ul	93
25) Dibenzo(a,h)anthracene	25.55	278	98993	6.374	ng/ul	94
26) Benzo(g,h,i)perylene	25.93	276	420766	25.796	ng/ul	98

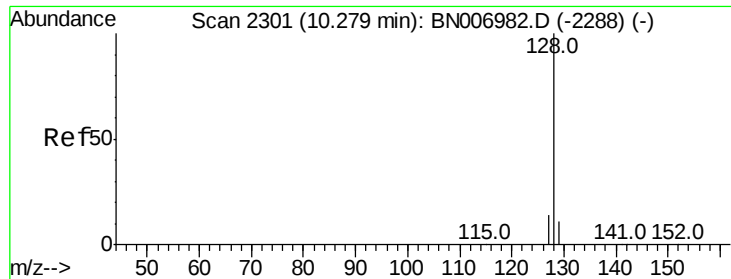
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007007.D
Acq On : 08 Aug 2019 03:53
Operator : HP/JU
Sample : K3962-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 08 04:59:17 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: 0.253 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

ClientSampleId :

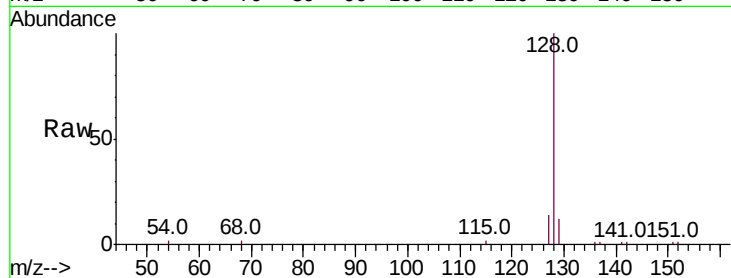
Tot Ion:128 Resp: 26632

Ion Ratio Lower Upper

128 100

129 11.8 10.0 15.0

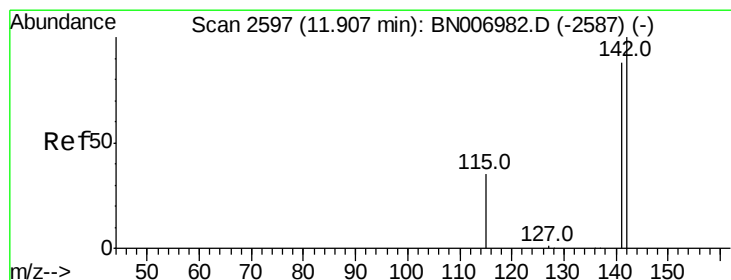
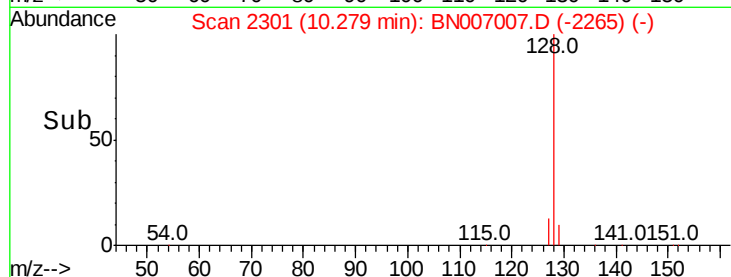
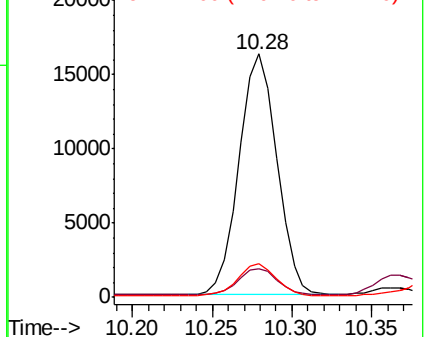
127 13.9 11.7 17.5



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: 0.243 ng/ul

RT: 11.91 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BN007007.D

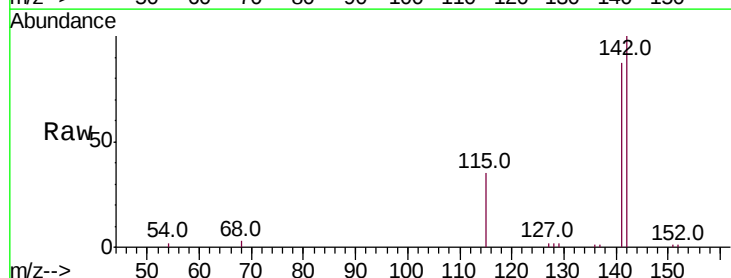
Acq: 08 Aug 2019 03:53

Tgt Ion:142 Resp: 19248

Ion Ratio Lower Upper

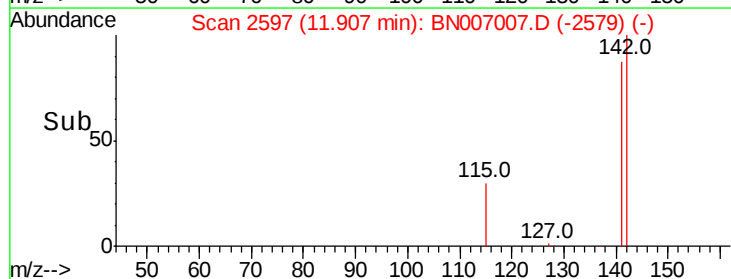
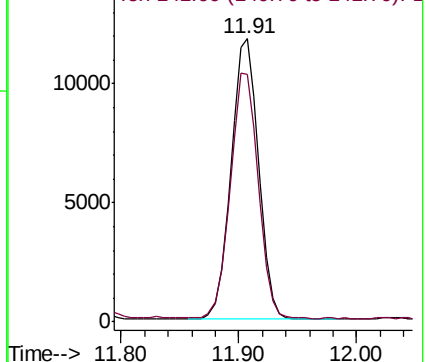
142 100

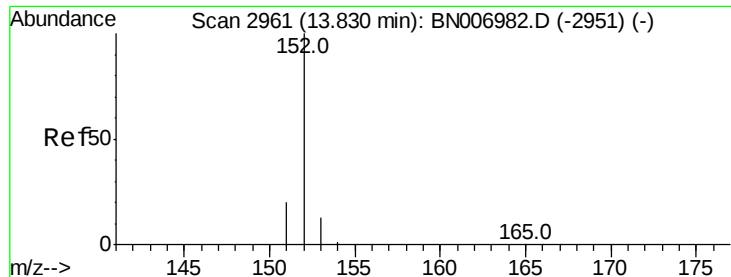
141 88.6 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.364 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

ClientSampled :

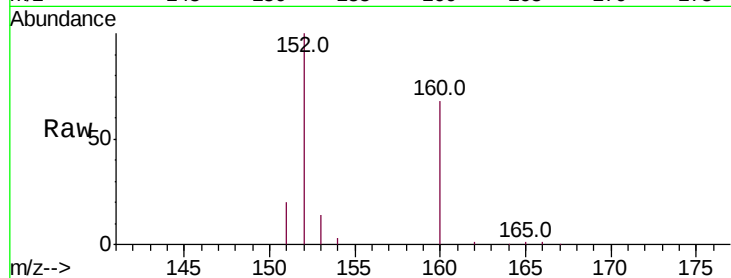
Tot Ion:152 Resp: 47738

Ion Ratio Lower Upper

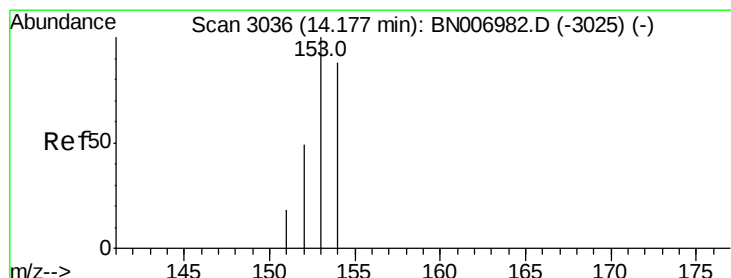
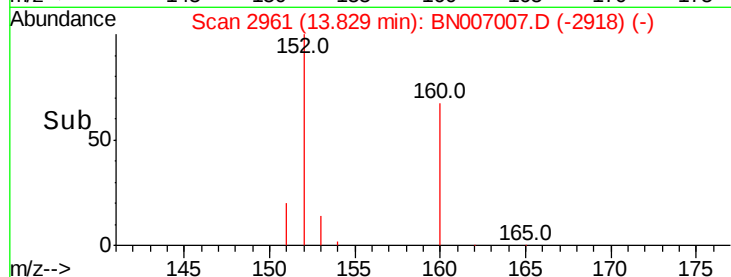
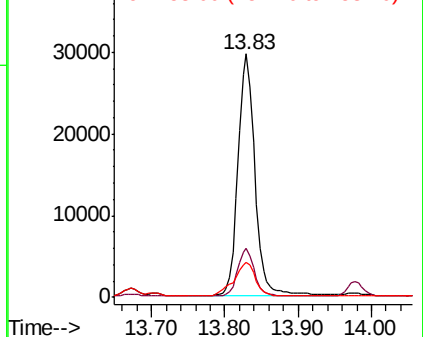
152 100

151 20.1 16.3 24.5

153 14.5 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: 0.400 ng/ul

RT: 14.18 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

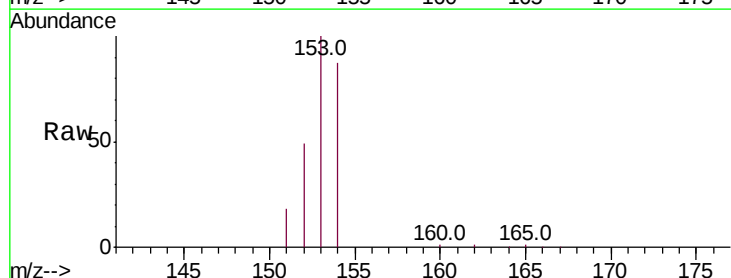
Tgt Ion:153 Resp: 35968

Ion Ratio Lower Upper

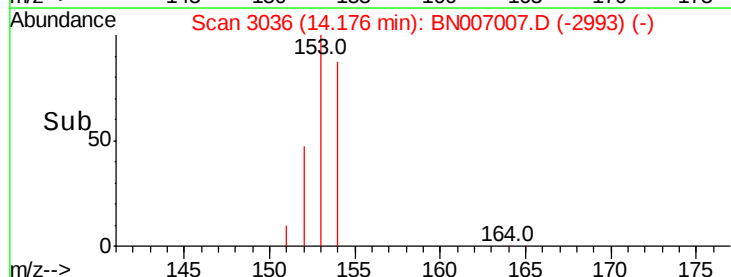
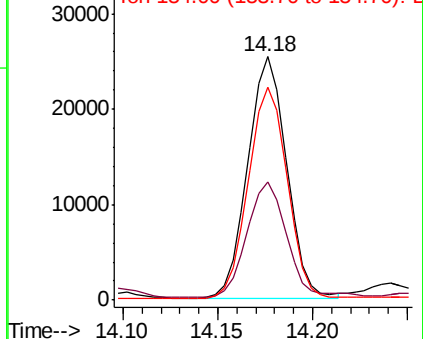
153 100

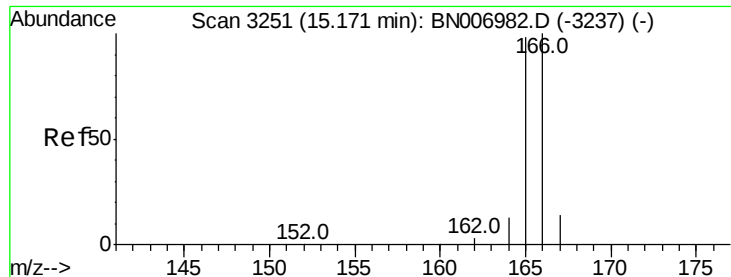
152 48.6 39.4 59.2

154 87.2 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: 0.375 ng/ul

RT: 15.17 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

ClientSampleId :

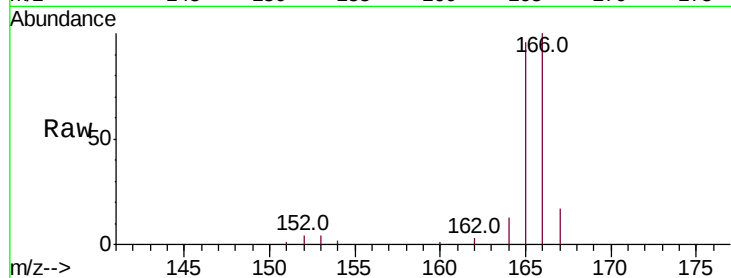
Tot Ion:166 Resp: 40786

Ion Ratio Lower Upper

166 100

165 96.5 78.8 118.2

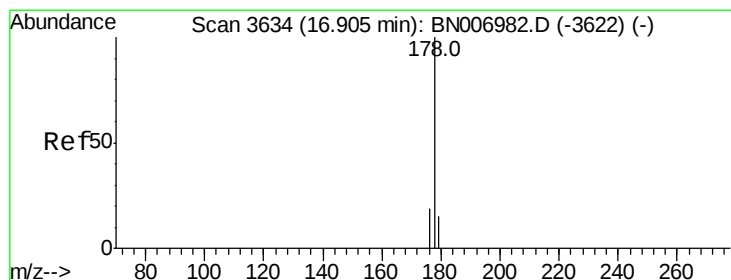
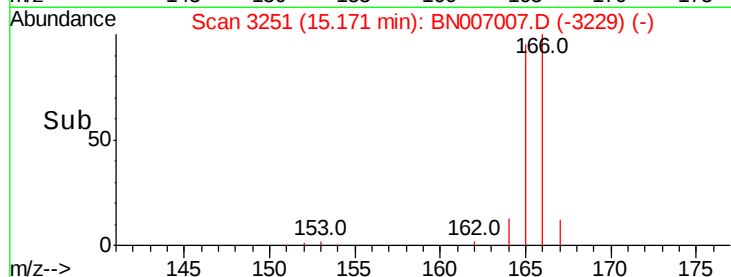
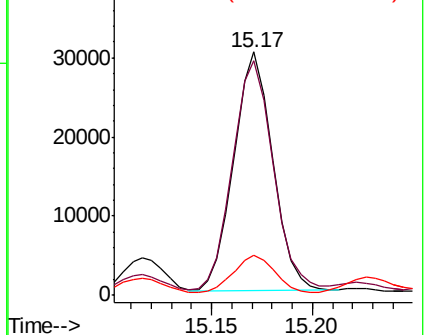
167 16.5 11.3 16.9



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: 0.025 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. 0.09 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

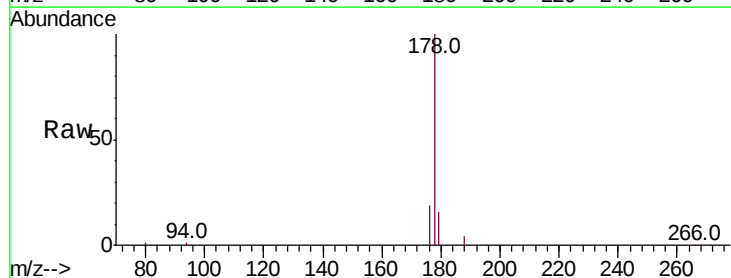
Tgt Ion:178 Resp: 190082

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

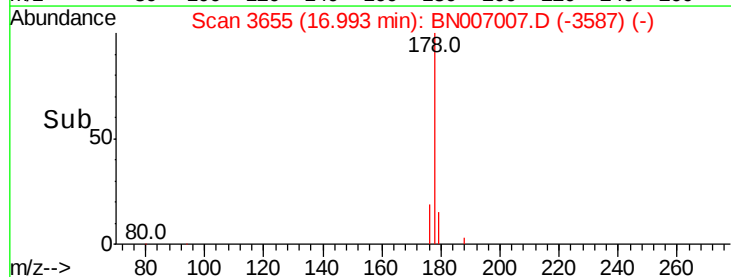
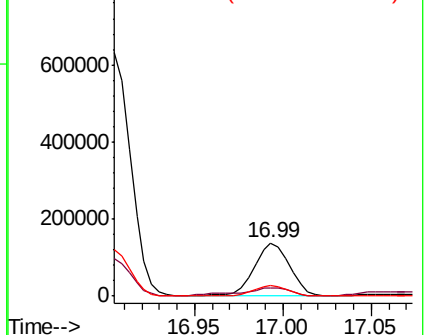
176 19.0 15.6 23.4

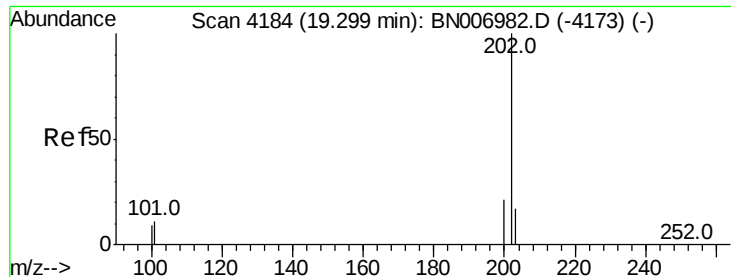


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

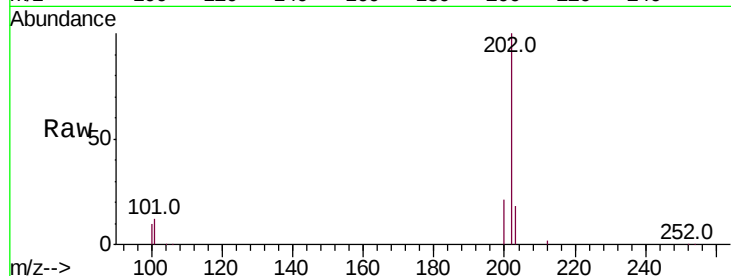




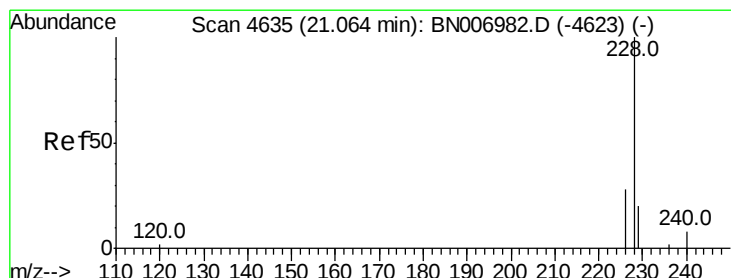
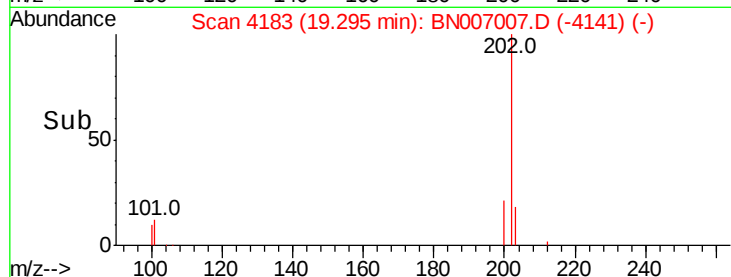
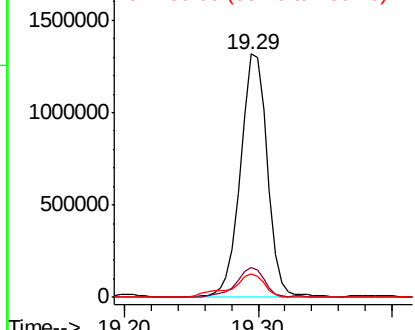
#17
Pvrene
Concen: 1034.914 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007007.D
Acq: 08 Aug 2019 03:53

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 1834262
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 9.8 7.3 10.9

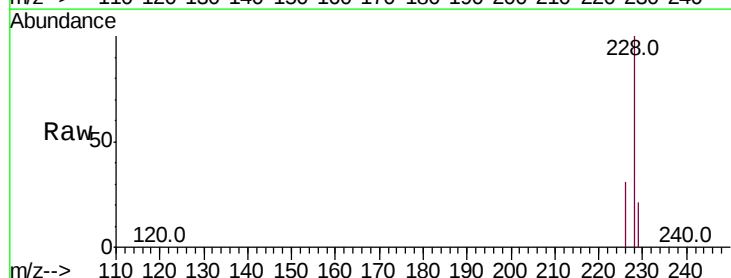


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

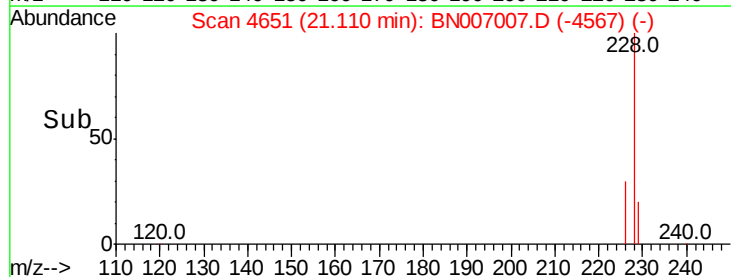
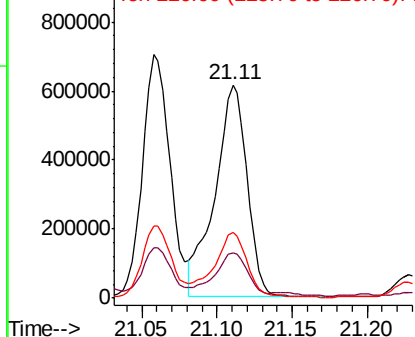


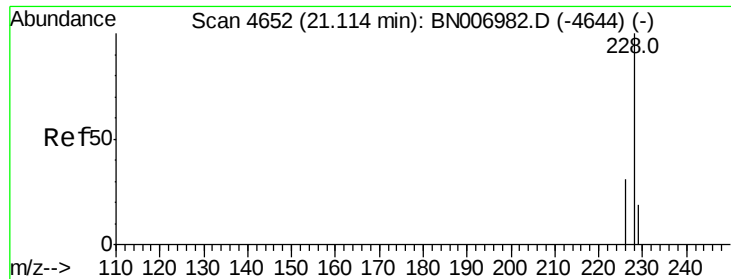
#18
Benzo(a)anthracene
Concen: 524.460 ng/ul
RT: 21.11 min Scan# 4651
Delta R.T. 0.05 min
Lab File: BN007007.D
Acq: 08 Aug 2019 03:53

Tgt Ion:228 Resp: 914632
Ion Ratio Lower Upper
228 100
229 21.4 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: 560.053 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

ClientSampleId :

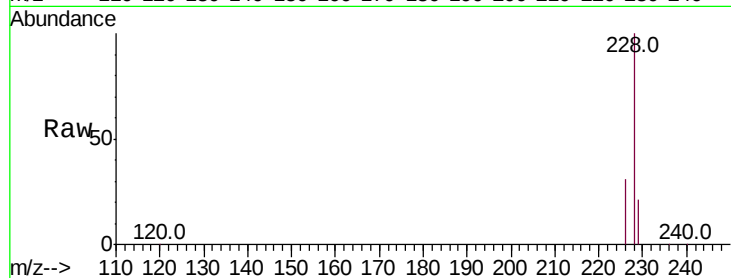
Tot Ion:228 Resp: 914632

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

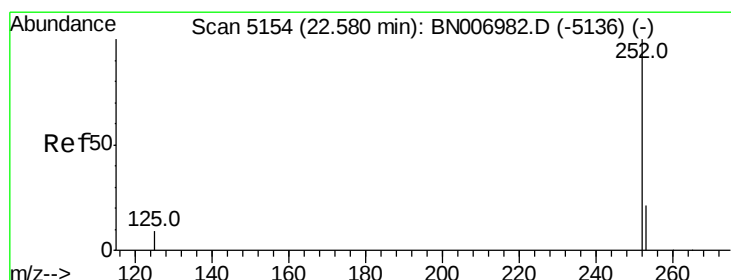
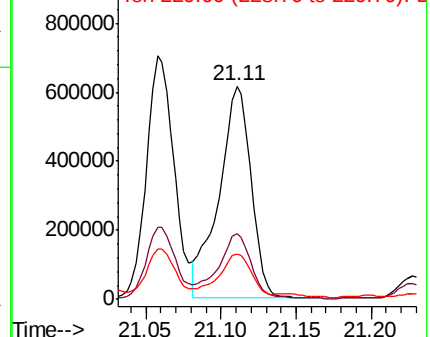
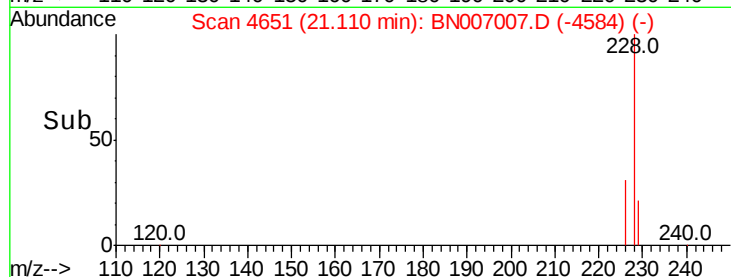
229 21.4 15.5 23.3



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: 7.670 ng/ul

RT: 22.74 min Scan# 5208

Delta R.T. 0.16 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

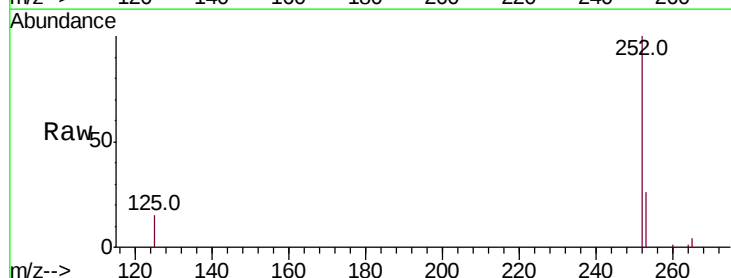
Tgt Ion:252 Resp: 146950

Ion Ratio Lower Upper

252 100

253 26.3 0.0 45.2

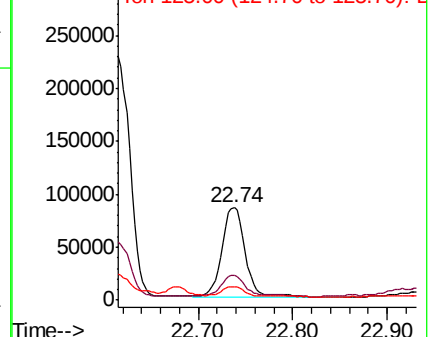
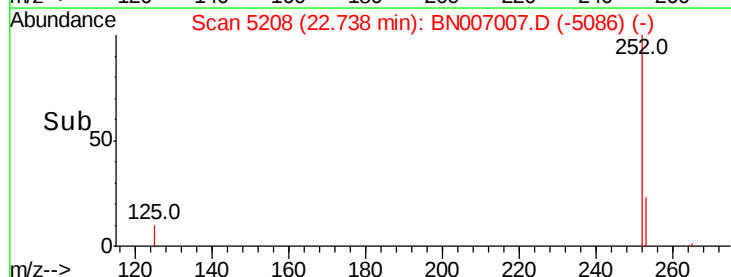
125 15.0 0.0 22.2

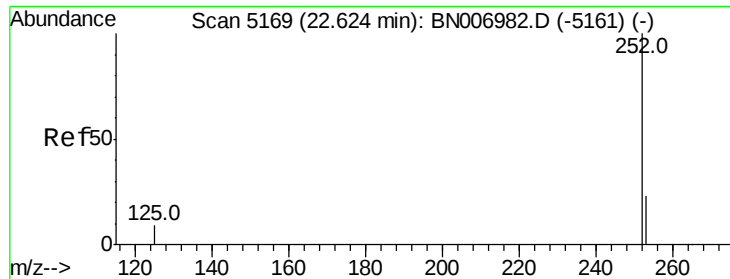


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 7.891 ng/ul

RT: 22.74 min Scan# 5208

Delta R.T. 0.11 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

ClientSampleId :

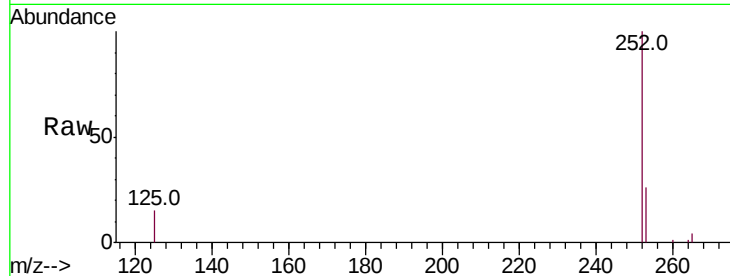
Tot Ion:252 Resp: 146554

Ion Ratio Lower Upper

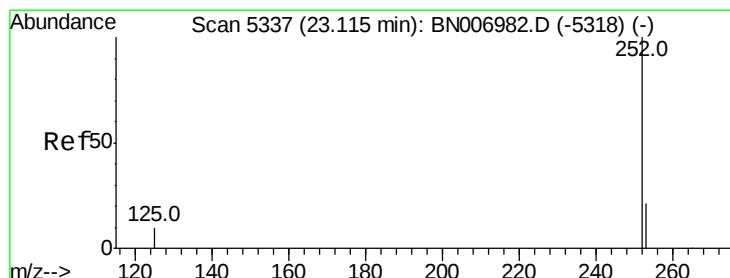
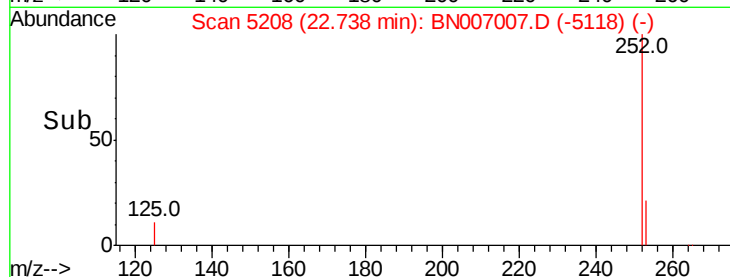
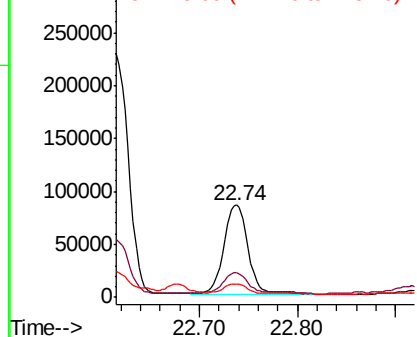
252 100

253 26.3 18.6 28.0

125 15.0 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: 8.541 ng/ul

RT: 23.25 min Scan# 5382

Delta R.T. 0.13 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

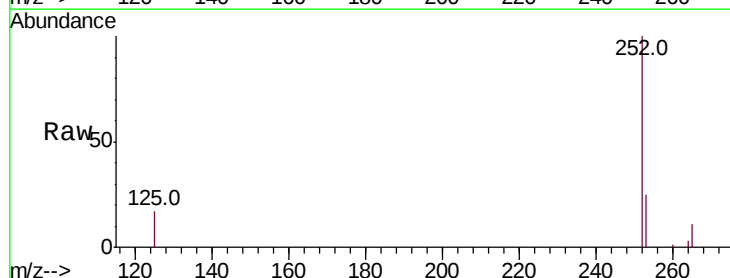
Tgt Ion:252 Resp: 154075

Ion Ratio Lower Upper

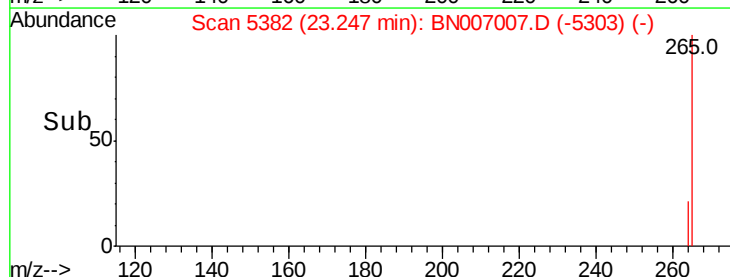
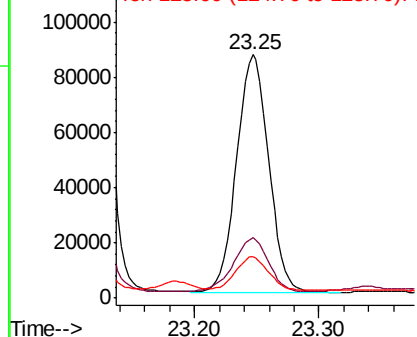
252 100

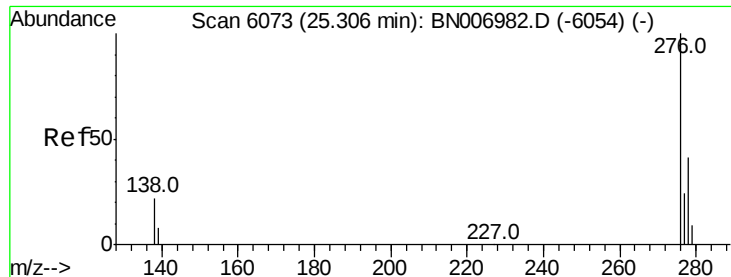
253 24.7 18.0 27.0

125 17.0 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



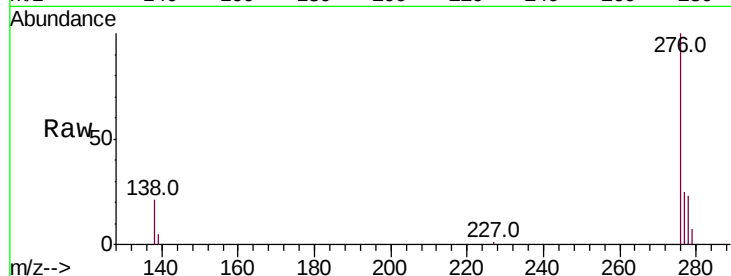


#24

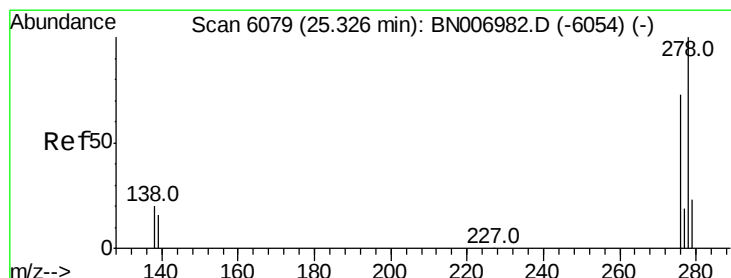
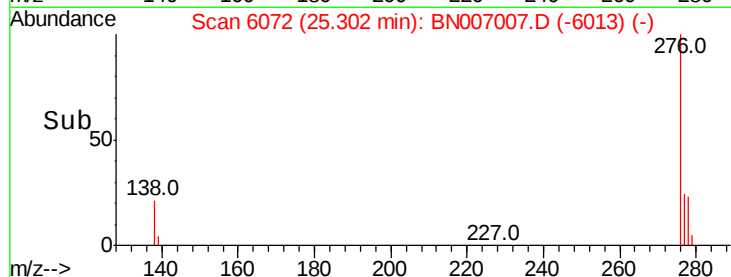
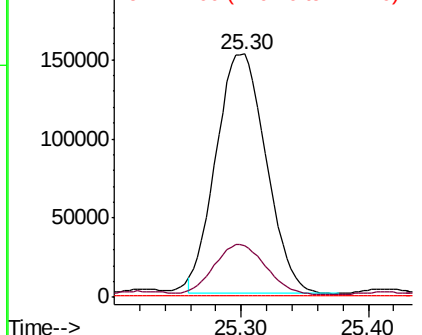
Indeno(1,2,3-cd)pyrene
Concen: 21.377 ng/ul
RT: 25.30 min Scan# 6072
Delta R.T. -0.00 min
Lab File: BN007007.D
Acq: 08 Aug 2019 03:53

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 415709
Ion Ratio Lower Upper
276 100
138 21.4 19.9 29.9
227 0.3 0.2 0.4



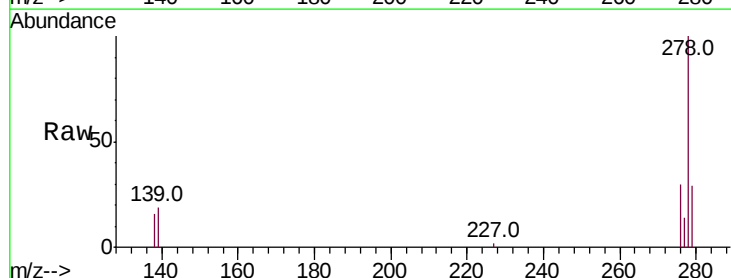
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



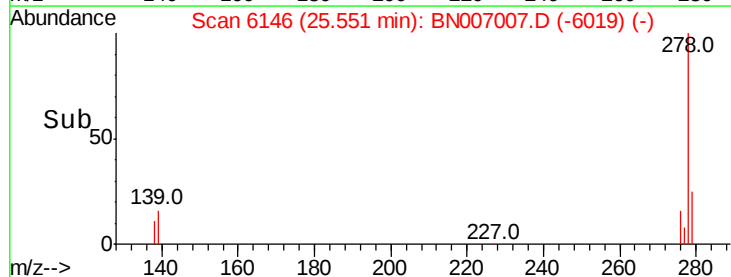
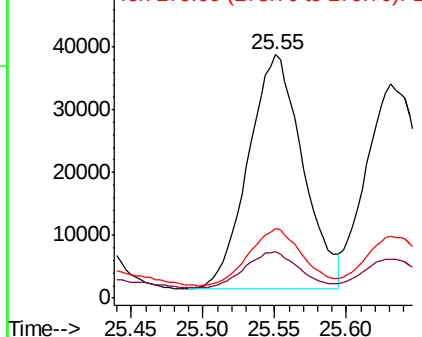
#25

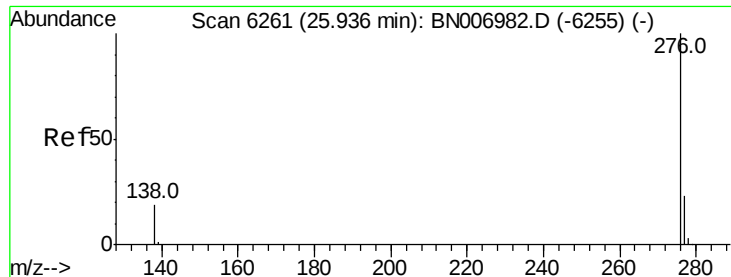
Dibenzo(a,h)anthracene
Concen: 6.374 ng/ul
RT: 25.55 min Scan# 6146
Delta R.T. 0.22 min
Lab File: BN007007.D
Acq: 08 Aug 2019 03:53

Tgt Ion:278 Resp: 98993
Ion Ratio Lower Upper
278 100
139 19.1 14.3 21.5
279 28.7 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: 25.796 ng/ul

RT: 25.93 min Scan# 6260

Delta R.T. -0.00 min

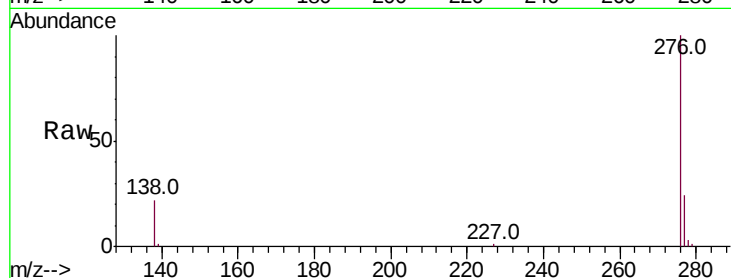
Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 420766

Ion Ratio Lower Upper

276 100

138 21.6 18.7 28.1

277 24.1 19.3 28.9

Abundance Ion 276.00 (275.70 to 276.70): E
200000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

