

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006228.D
 Acq On : 10 Jun 2019 18:17
 Operator : JU/SJ
 Sample : K3016-03RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:19:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

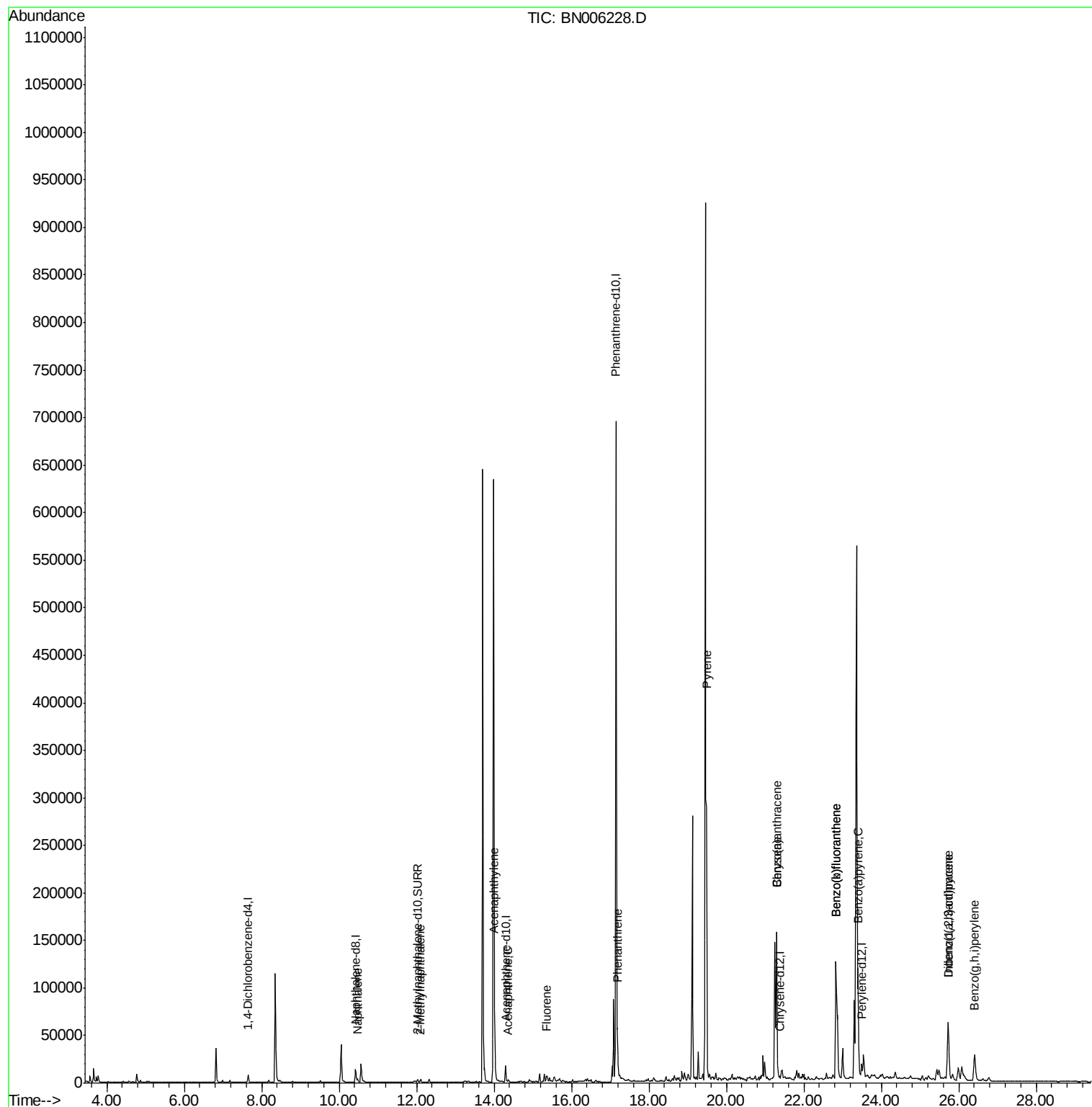
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4926	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18506	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9643	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	756726	0.40	ng/ul	0.09
16) Chrysene-d12	21.38	240	106	0.40	ng/ul	0.11
20) Perylene-d12	23.50	264	25950	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4895	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.18	212	650	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	5129	0.100	ng/ul#	95
5) 2-Methylnaphthalene	12.10	142	2566	0.072	ng/ul	99
7) Acenaphthylene	14.01	152	62615	1.168	ng/ul	100
8) Acenaphthene	14.36	153	1465	0.039	ng/ul#	93
9) Fluorene	15.35	166	6661	0.153	ng/ul#	92
12) Phenanthrene	17.18	178	54721	0.023	ng/ul	99
17) Pyrene	19.49	202	291797	522.608	ng/ul	99
18) Benzo(a)anthracene	21.30	228	160202	341.711	ng/ul	96
19) Chrysene	21.30	228	159618	362.670	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	270210	2.497	ng/ul	93
22) Benzo(k)fluoranthene	22.83	252	270210	2.564	ng/ul	96
23) Benzo(a)pyrene	23.40	252	141081	1.400	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.73	276	95025	0.871	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.73	278	24922	0.286	ng/ul	98
26) Benzo(g,h,i)perylene	26.41	276	55465	0.607	ng/ul	96

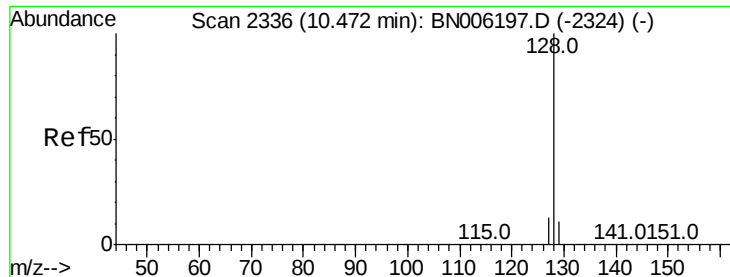
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.100 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Instrument :

BNA_N

ClientSampleId :

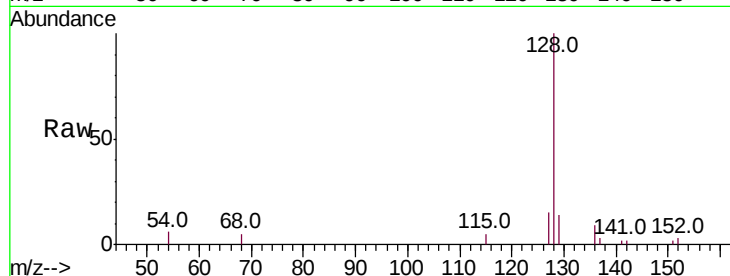
Tot Ion:128 Resp: 5129

Ion Ratio Lower Upper

128 100

129 14.3 9.3 13.9#

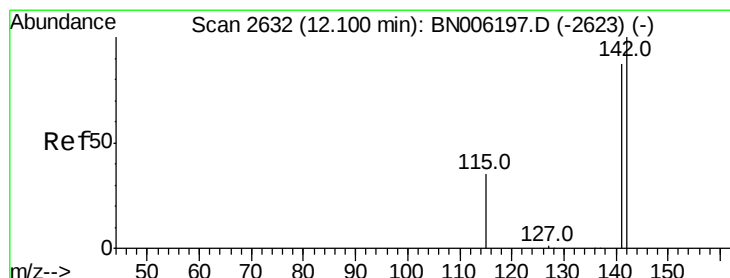
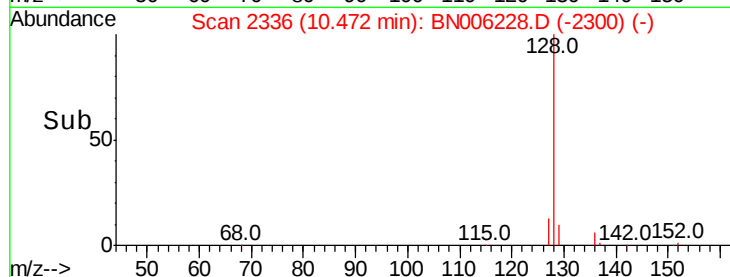
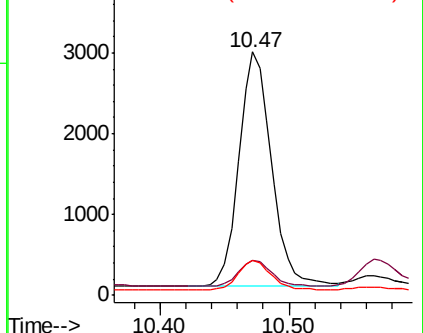
127 14.6 10.7 16.1



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: 0.072 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006228.D

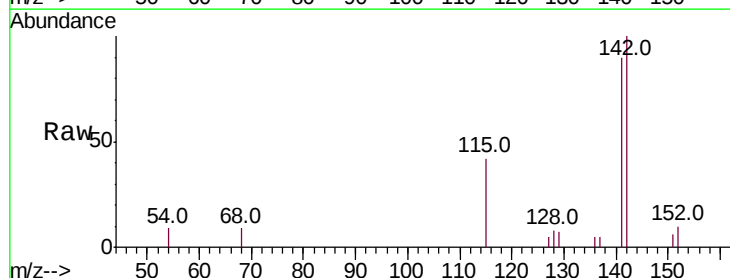
Acq: 10 Jun 2019 18:17

Tgt Ion:142 Resp: 2566

Ion Ratio Lower Upper

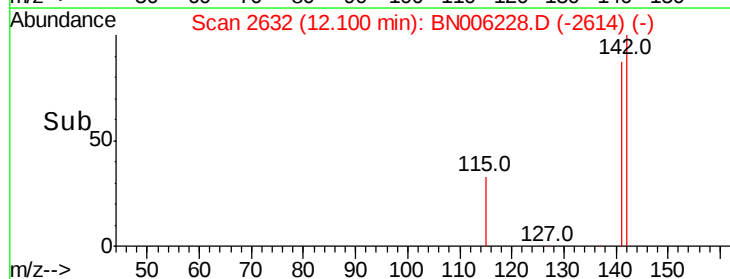
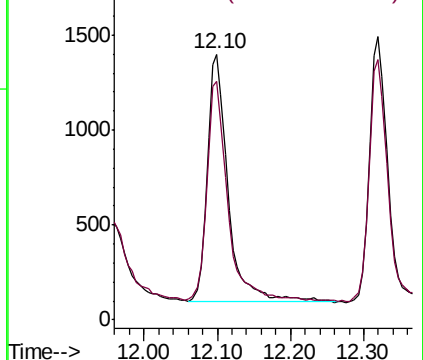
142 100

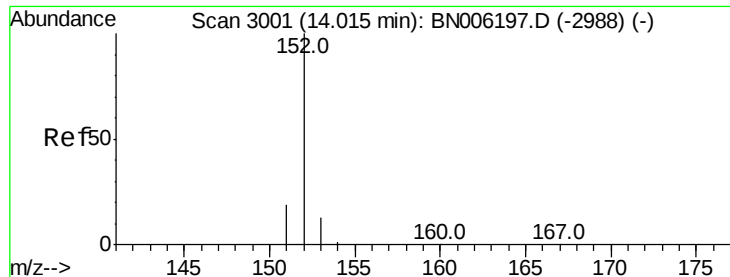
141 88.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.168 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Instrument :

BNA_N

ClientSampleId :

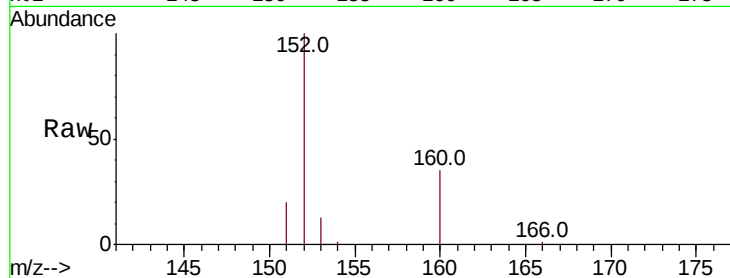
Tot Ion:152 Resp: 62615

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

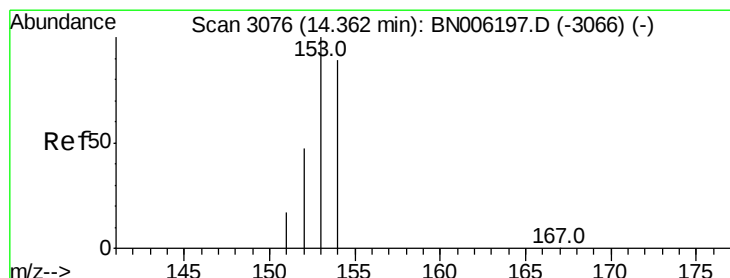
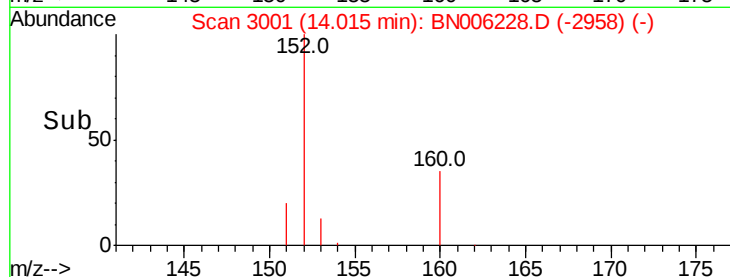
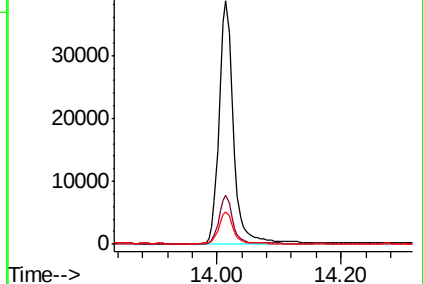
153 13.4 10.8 16.2



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: 0.039 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

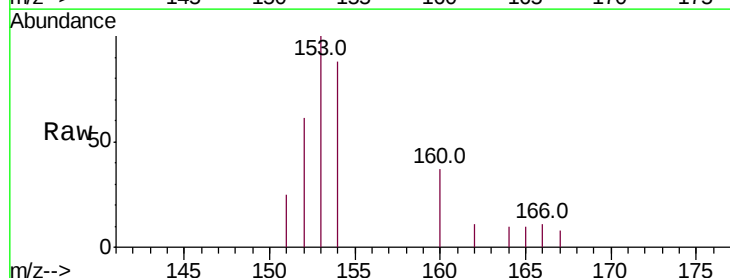
Tgt Ion:153 Resp: 1465

Ion Ratio Lower Upper

153 100

152 61.0 39.1 58.7#

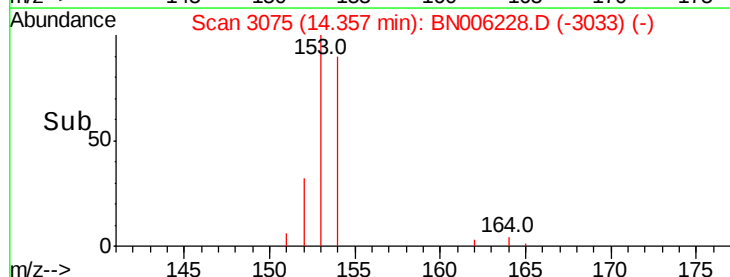
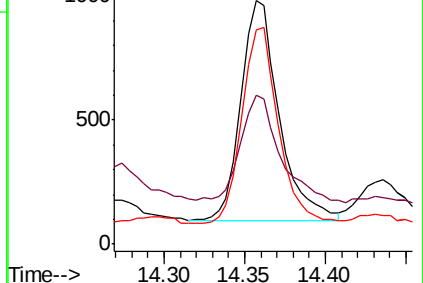
154 88.1 71.1 106.7

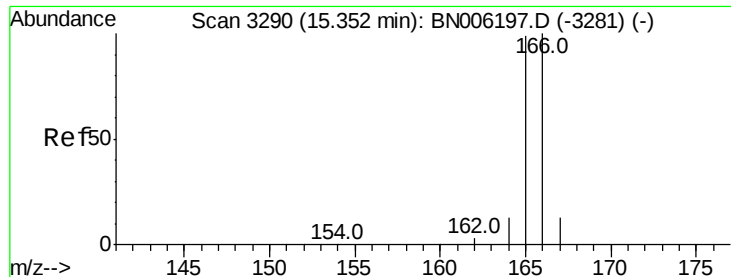


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.153 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Instrument :

BNA_N

ClientSampleId :

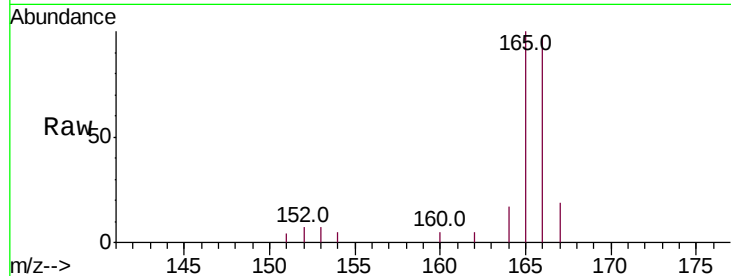
Tot Ion:166 Resp: 6661

Ion Ratio Lower Upper

166 100

165 102.7 76.4 114.6

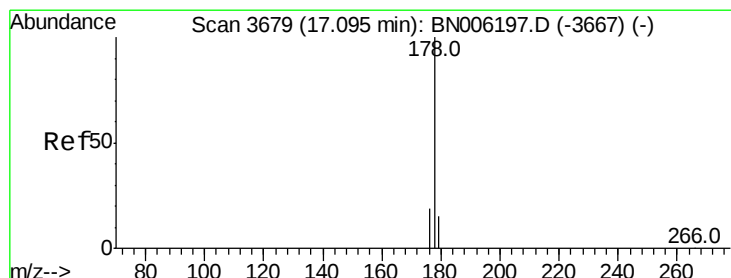
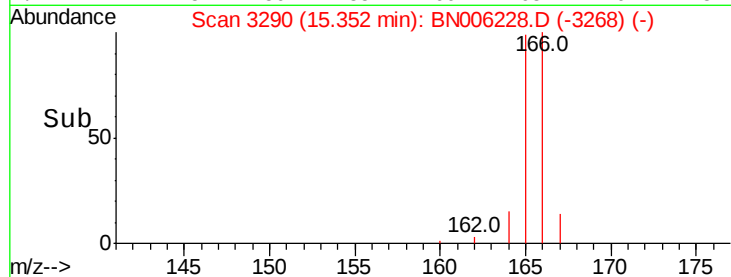
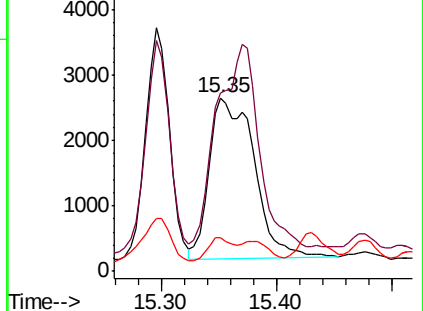
167 19.2 11.0 16.6#



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: 0.023 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. 0.09 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

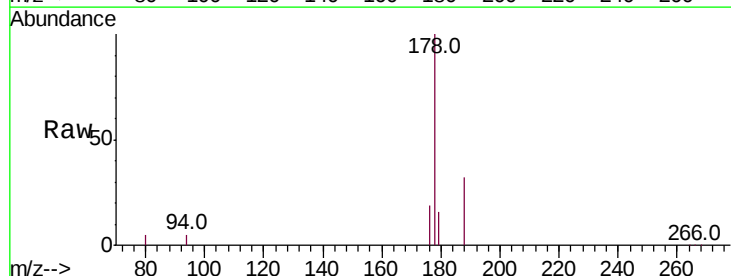
Tgt Ion:178 Resp: 54721

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

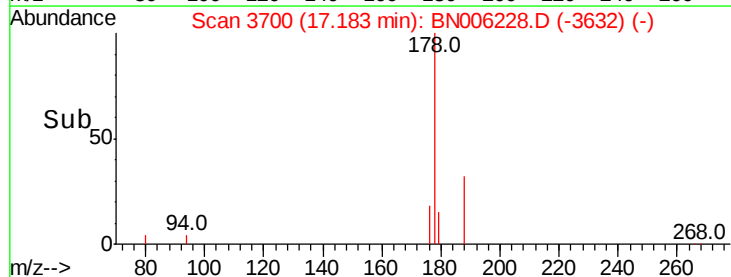
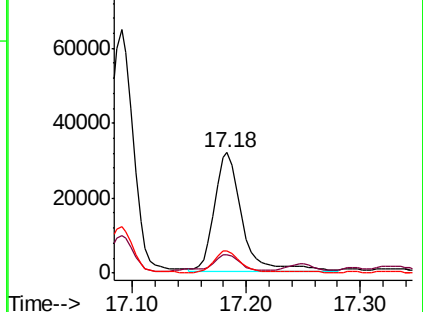
176 18.7 15.3 22.9

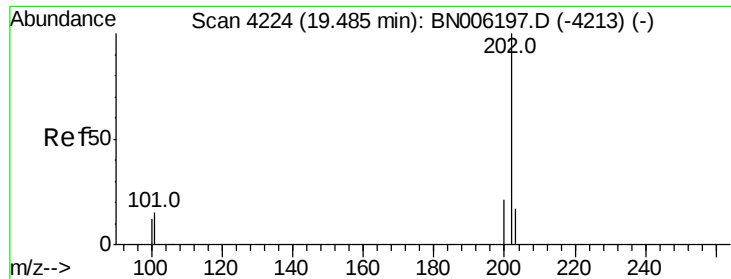


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

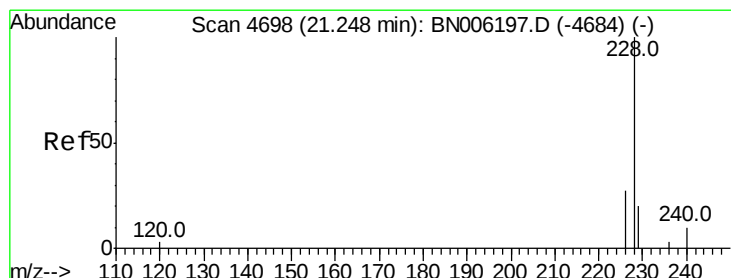
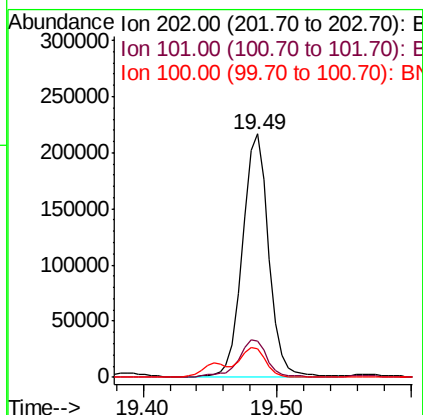
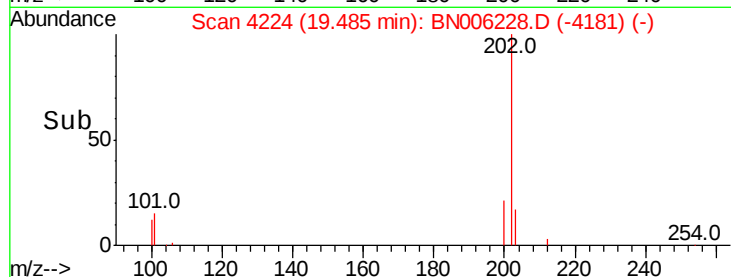
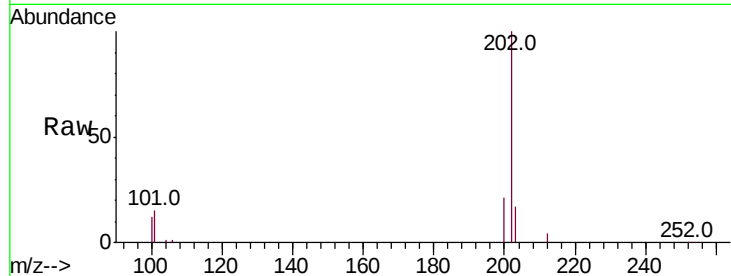




#17
Pvrene
Concen: 522.608 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006228.D
Acq: 10 Jun 2019 18:17

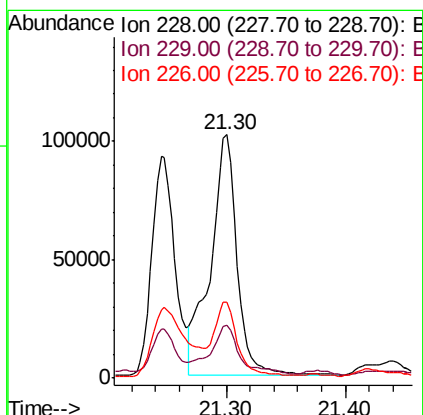
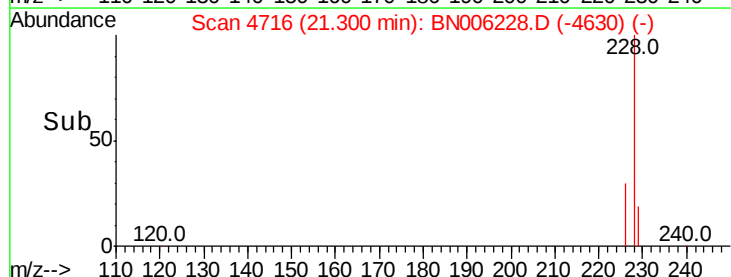
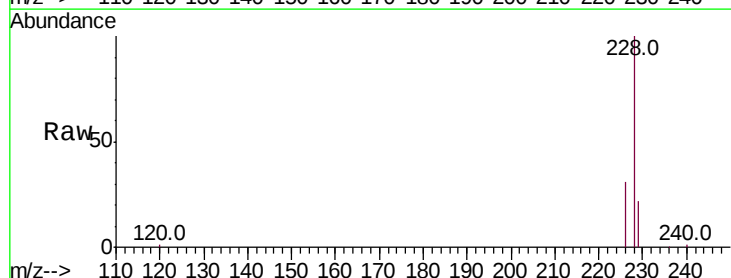
Instrument :
BNA_N
ClientSampleId :

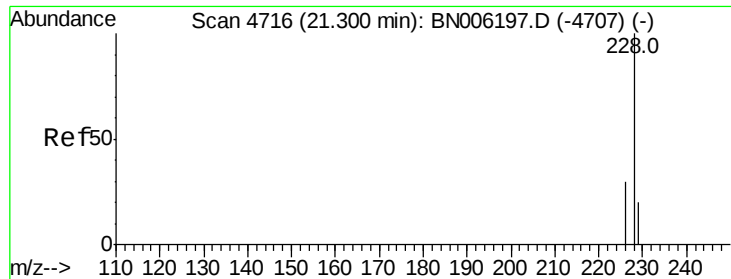
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.2	18.2
100	11.8	9.8	14.6



#18
Benzo(a)anthracene
Concen: 341.711 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. 0.05 min
Lab File: BN006228.D
Acq: 10 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.5	24.7
226	31.0	22.8	34.2





#19

Chrysene

Concen: 362.670 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Instrument :

BNA_N

ClientSampled :

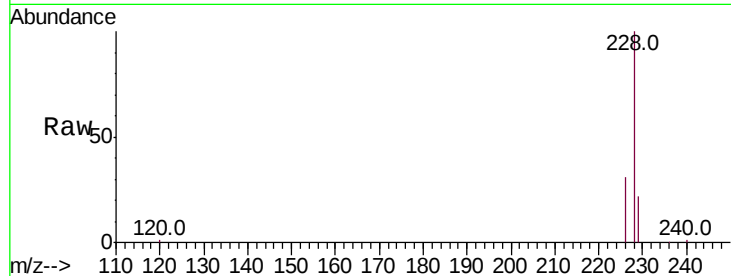
Tot Ion:228 Resp: 159618

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

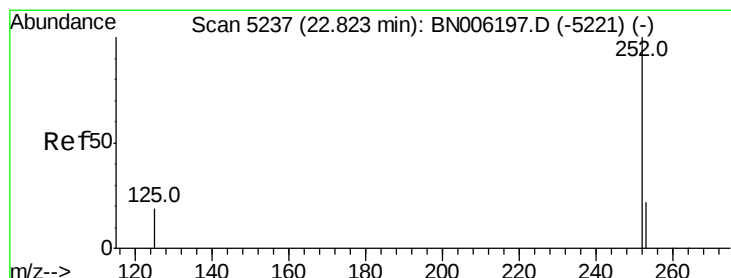
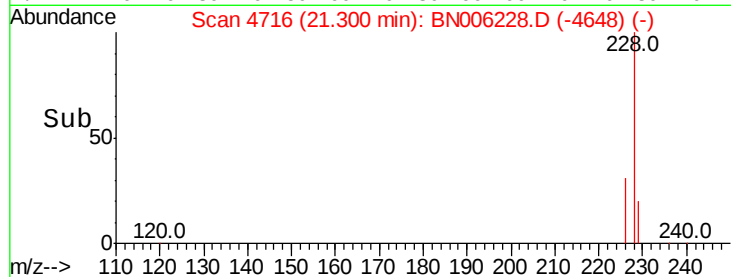
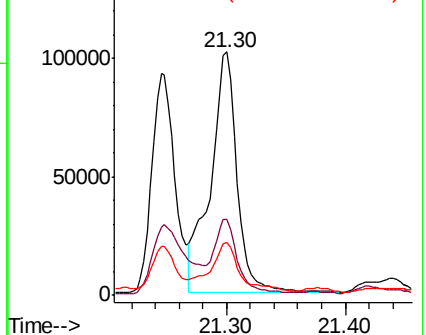
229 21.7 16.3 24.5



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: 2.497 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. 0.01 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

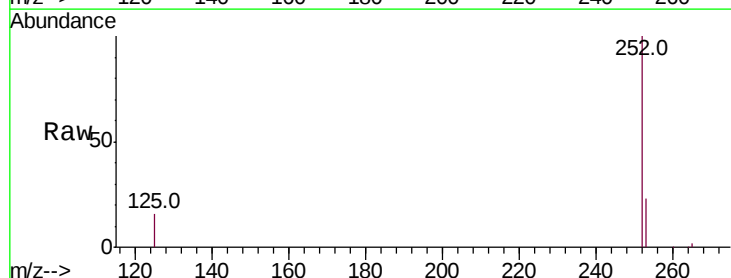
Tgt Ion:252 Resp: 270210

Ion Ratio Lower Upper

252 100

253 22.9 0.0 51.4

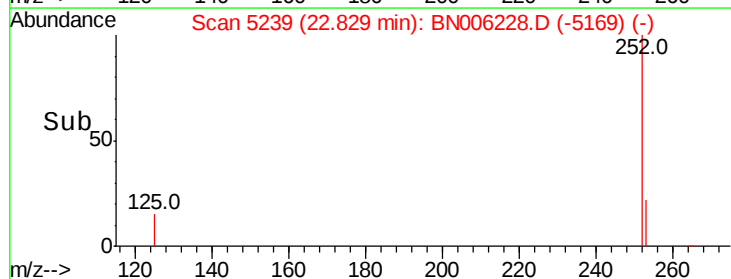
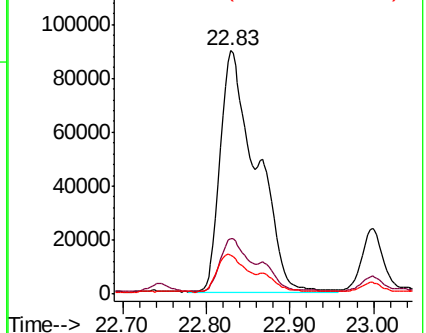
125 16.1 0.0 41.0

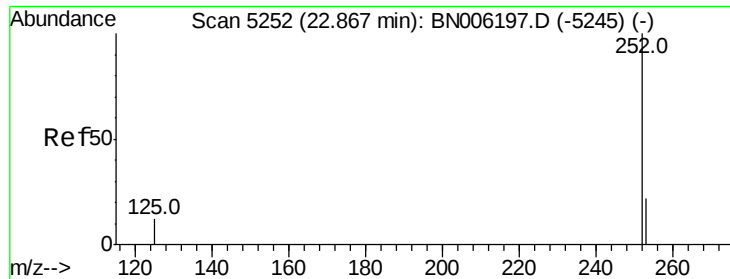


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.564 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.04 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Instrument :

BNA_N

ClientSampleId :

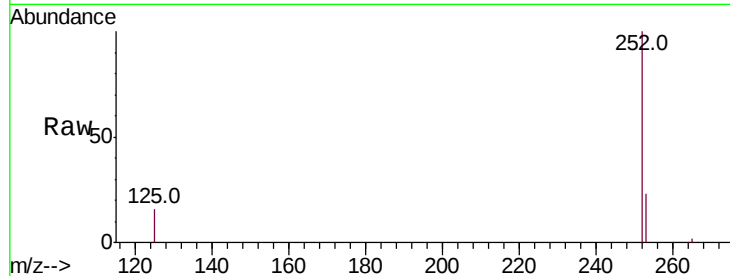
Tot Ion:252 Resp: 270210

Ion Ratio Lower Upper

252 100

253 22.9 20.3 30.5

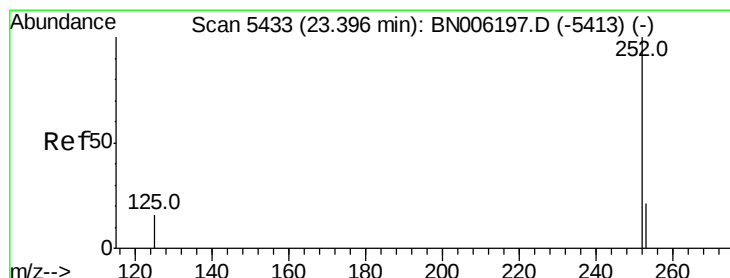
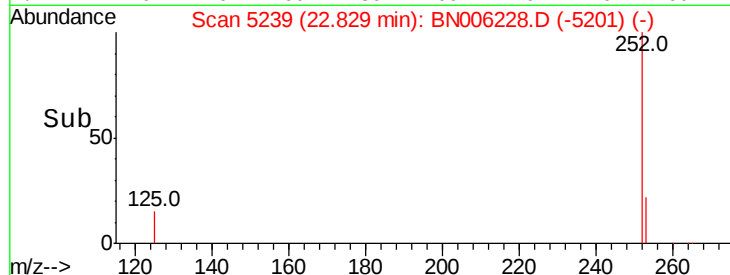
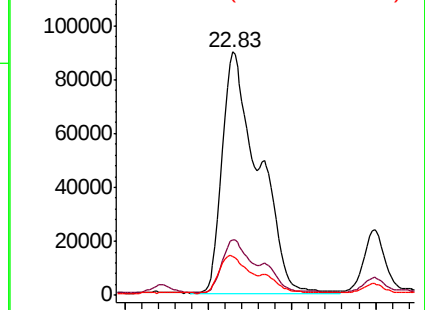
125 16.1 14.3 21.5



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: 1.400 ng/ul

RT: 23.40 min Scan# 5434

Delta R.T. 0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

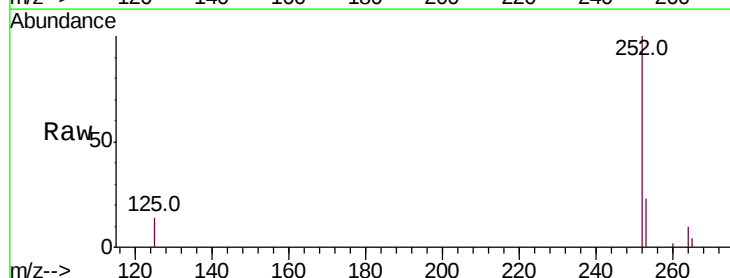
Tgt Ion:252 Resp: 141081

Ion Ratio Lower Upper

252 100

253 22.7 21.1 31.7

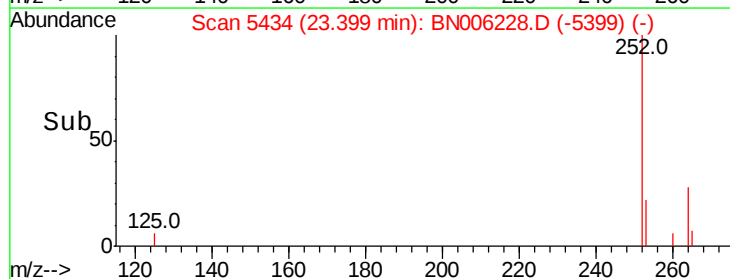
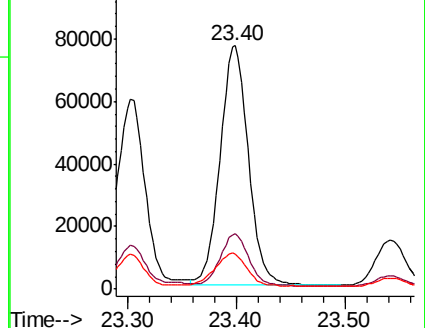
125 14.4 20.3 30.5#

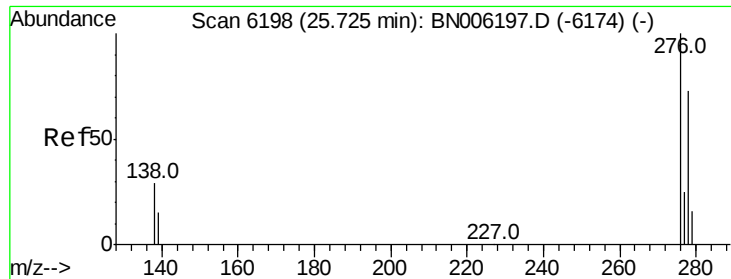


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



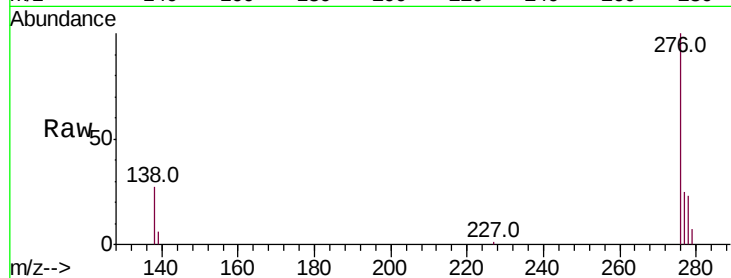


#24

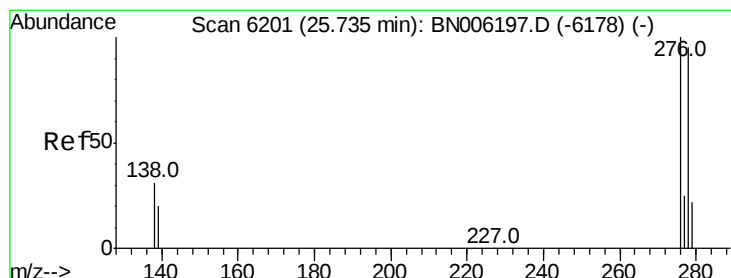
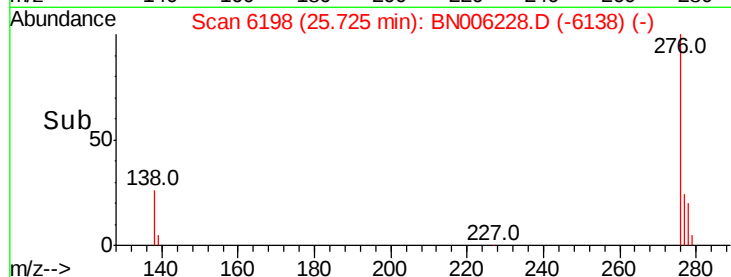
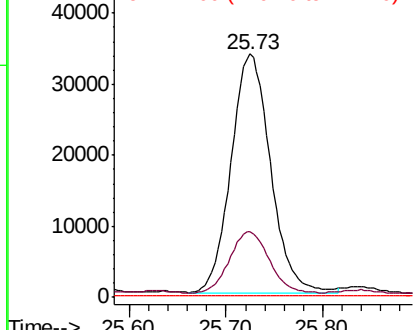
Indeno(1,2,3-cd)pyrene
Concen: 0.871 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. -0.00 min
Lab File: BN006228.D
Acq: 10 Jun 2019 18:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 95025
Ion Ratio Lower Upper
276 100
138 26.0 25.6 38.4
227 0.1 0.3 0.5#



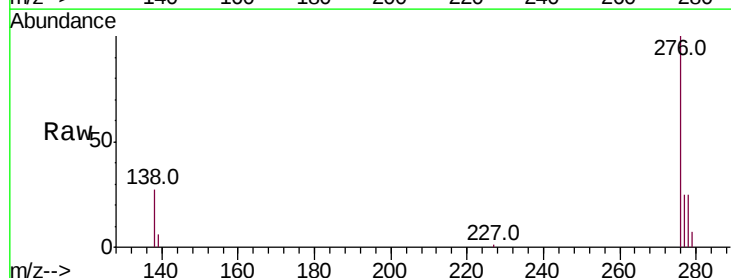
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



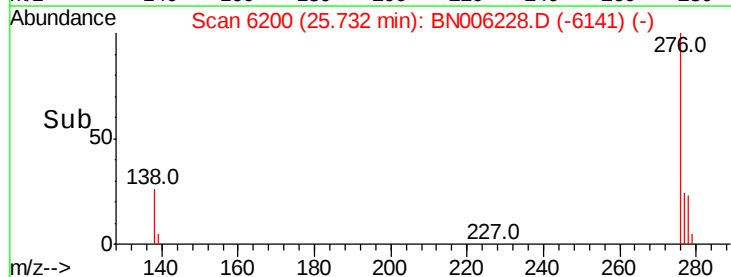
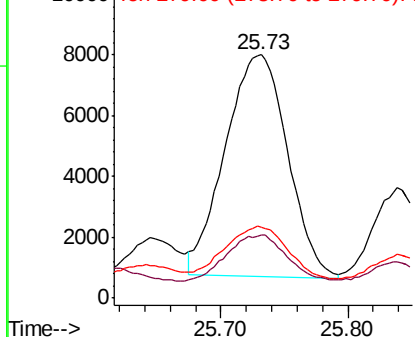
#25

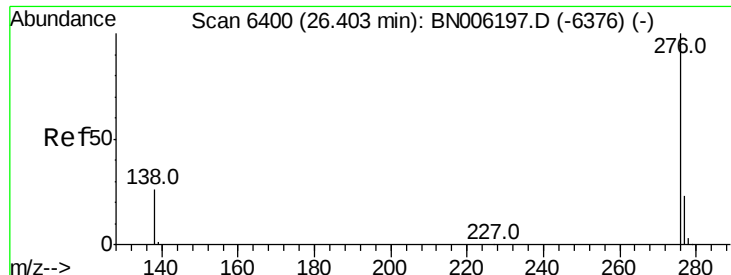
Dibenzo(a,h)anthracene
Concen: 0.286 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. -0.00 min
Lab File: BN006228.D
Acq: 10 Jun 2019 18:17

Tgt Ion:278 Resp: 24922
Ion Ratio Lower Upper
278 100
139 25.7 21.2 31.8
279 29.0 22.6 33.8



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





#26

Benzo(a,h,i)perylene

Concen: 0.607 ng/ul

RT: 26.41 min Scan# 6401

Delta R.T. 0.00 min

Lab File: BN006228.D

Acq: 10 Jun 2019 18:17

Instrument :

BNA_N

ClientSampleId :

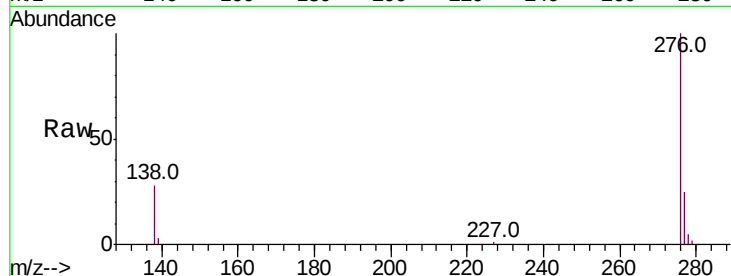
Tot Ion:276 Resp: 55465

Ion Ratio Lower Upper

276 100

138 28.4 24.2 36.4

277 24.6 21.5 32.3



Abundance Ion 276.00 (275.70 to 276.70): E

25000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

