

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007013.D
 Acq On : 08 Aug 2019 06:52
 Operator : HP/JU
 Sample : K3962-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 07:49:56 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

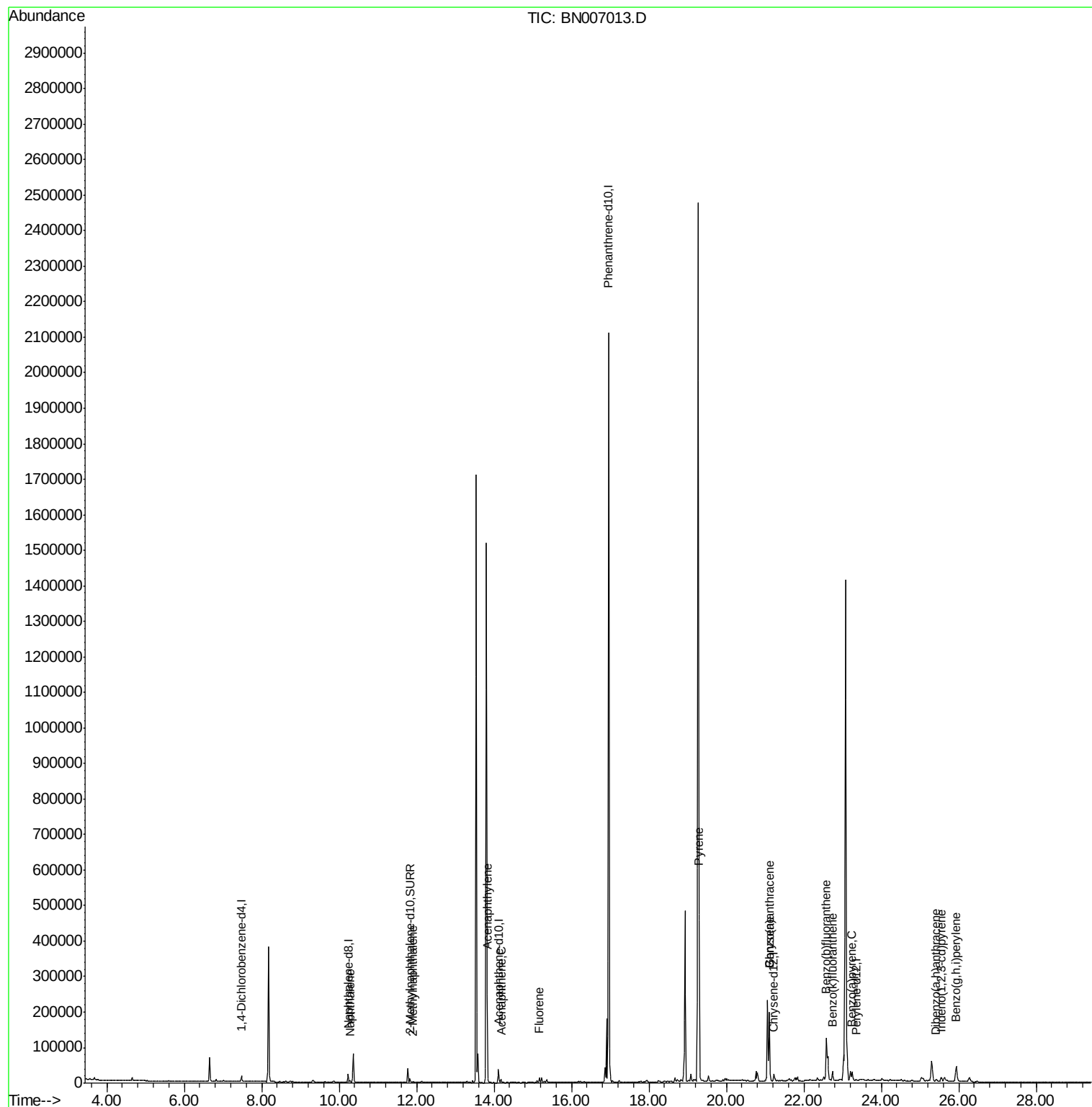
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8084	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	32586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	19915	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	2573989	0.40	ng/ul	0.10
16) Chrysene-d12	21.21	240	138	0.40	ng/ul	0.13
20) Perylene-d12	23.35	264	951	0.40	ng/ul	0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	13774	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	277	0.00	ng/ul	0.12
Target Compounds				Ovalue		
3) Naphthalene	10.28	128	6680	0.071	ng/ul#	96
5) 2-Methylnaphthalene	11.91	142	3086	0.044	ng/ul	100
7) Acenaphthylene	13.83	152	17842	0.155	ng/ul	99
8) Acenaphthene	14.18	153	5164	0.065	ng/ul	99
9) Fluorene	15.17	166	9104	0.095	ng/ul	99
17) Pyrene	19.30	202	374980	608.643	ng/ul	98
18) Benzo(a)anthracene	21.11	228	181508	299.415	ng/ul	95
19) Chrysene	21.11	228	181433	319.603	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	258162	66.959	ng/ul	98
22) Benzo(k)fluoranthene	22.74	252	33327	8.918	ng/ul#	79
23) Benzo(a)pyrene	23.25	252	30811	8.488	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.55	276	4855	1.241	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.41	278	8257	2.642	ng/ul#	58
26) Benzo(g,h,i)perylene	25.93	276	82303	25.075	ng/ul	98

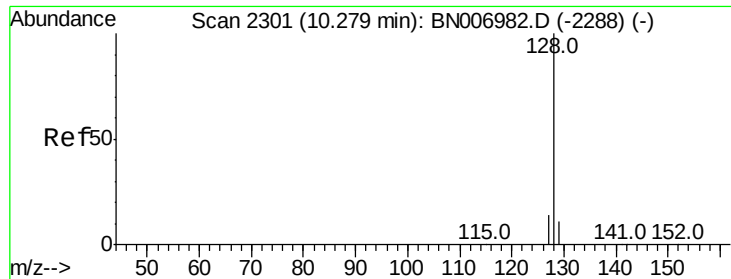
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007013.D
Acq On : 08 Aug 2019 06:52
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 08 07:49:56 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





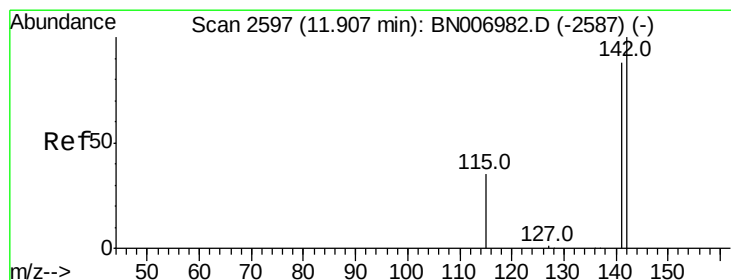
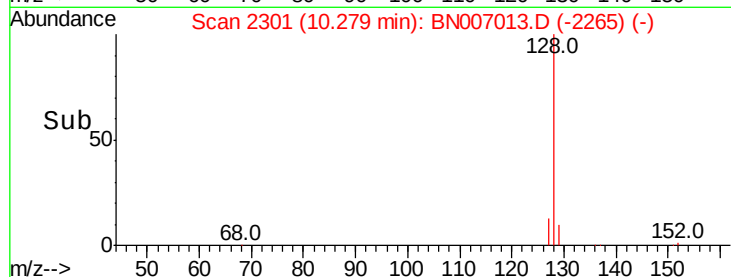
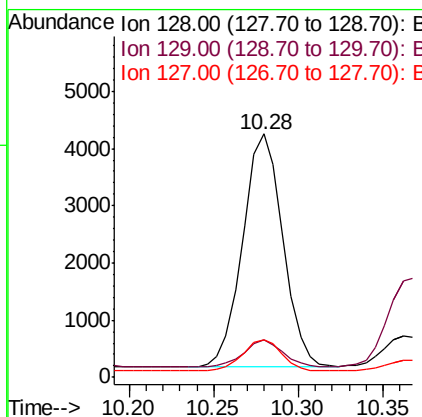
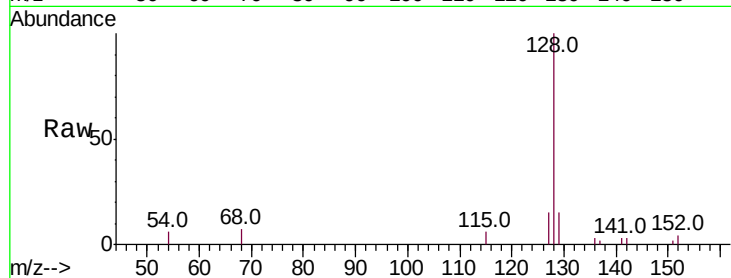
#3

Naphthalene

Concen: 0.071 ng/ul
 RT: 10.28 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: BN007013.D
 Acq: 08 Aug 2019 06:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:128 Resp: 6680
 Ion Ratio Lower Upper
 128 100
 129 15.2 10.0 15.0#
 127 15.3 11.7 17.5

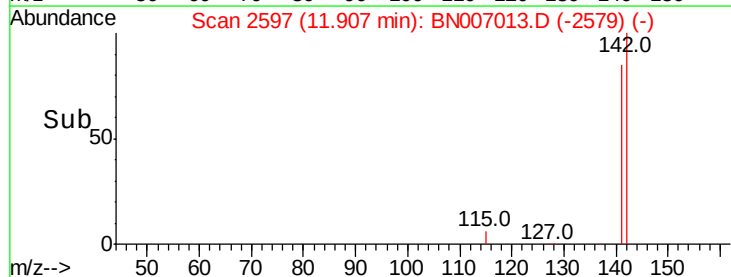
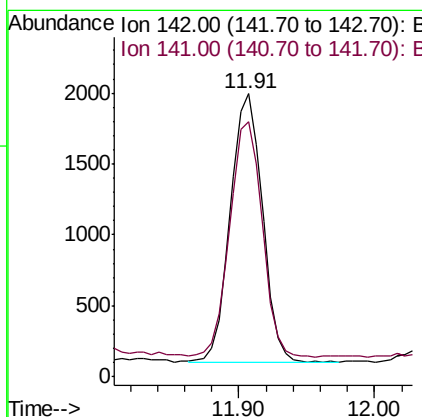
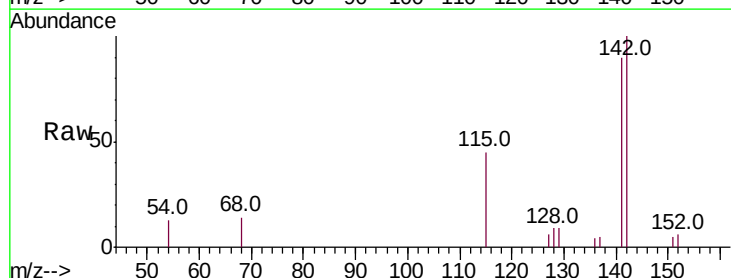


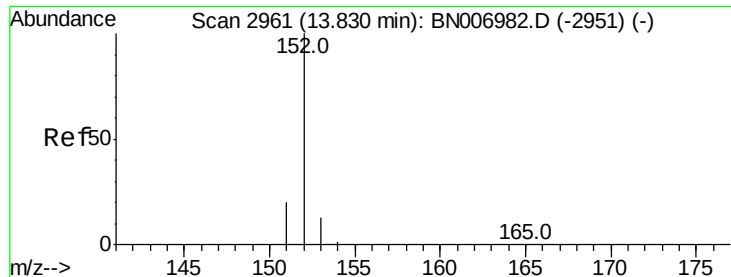
#5

2-Methylnaphthalene

Concen: 0.044 ng/ul
 RT: 11.91 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BN007013.D
 Acq: 08 Aug 2019 06:52

Tgt Ion:142 Resp: 3086
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.0 106.6





#7

Acenaphthylene

Concen: 0.155 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN007013.D

Acq: 08 Aug 2019 06:52

Instrument :

BNA_N

ClientSampled :

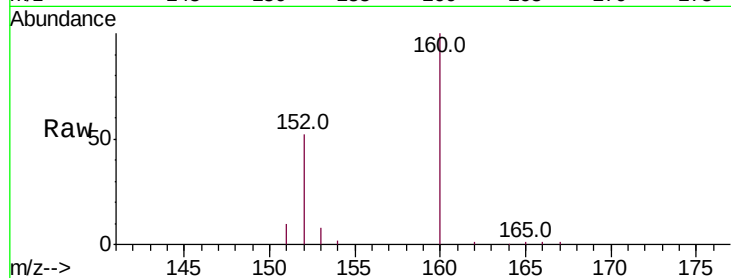
Tot Ion:152 Resp: 17842

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

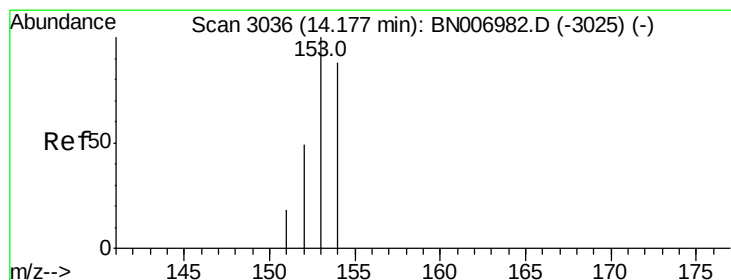
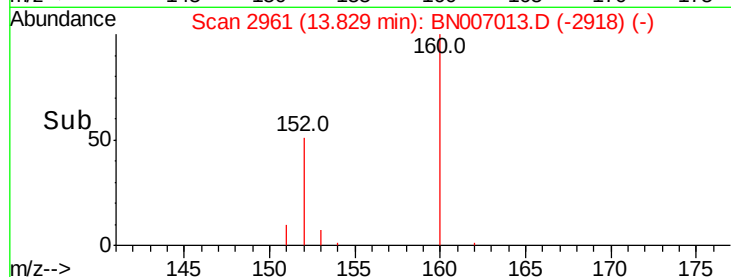
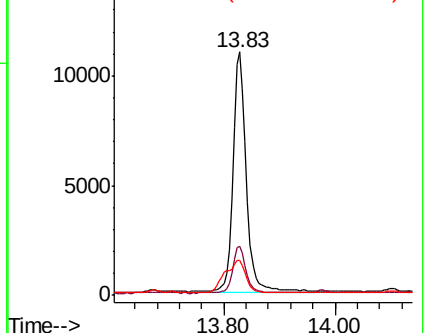
153 14.6 11.0 16.4



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: 0.065 ng/ul

RT: 14.18 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BN007013.D

Acq: 08 Aug 2019 06:52

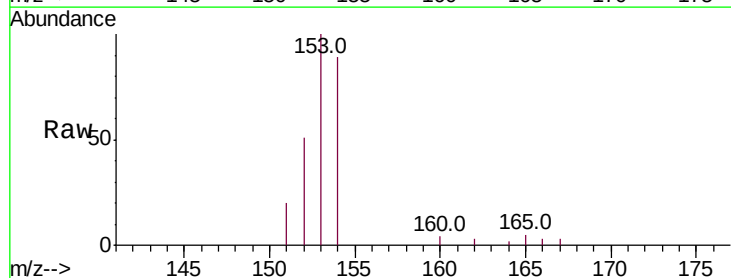
Tgt Ion:153 Resp: 5164

Ion Ratio Lower Upper

153 100

152 50.8 39.4 59.2

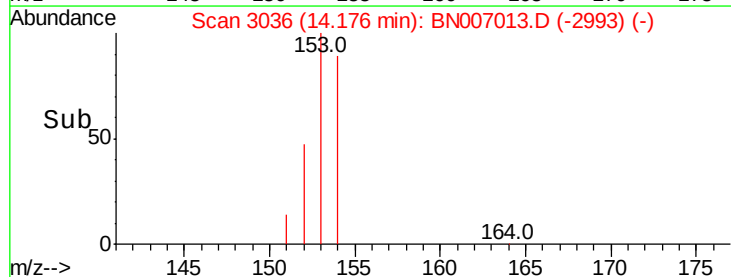
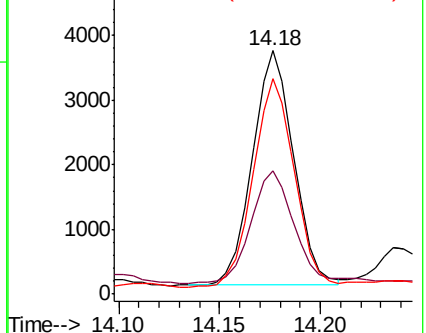
154 88.6 70.1 105.1

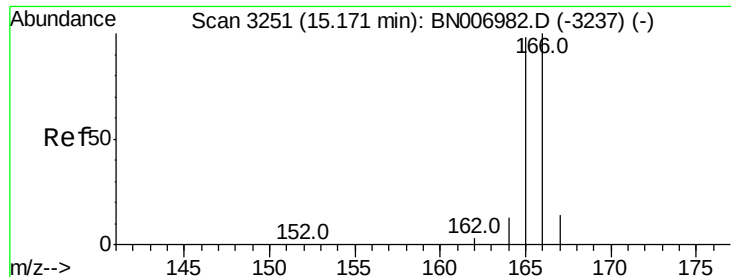


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

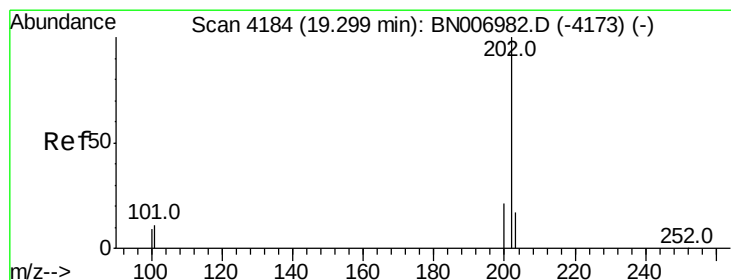
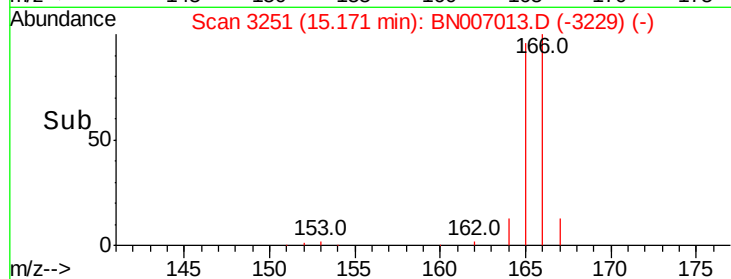
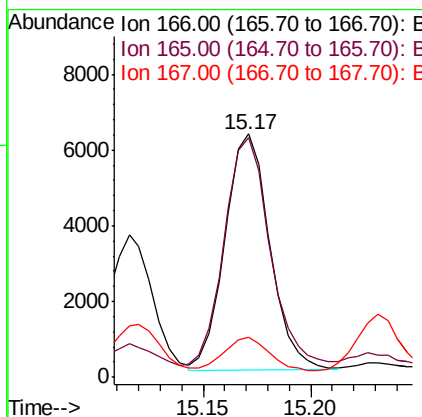
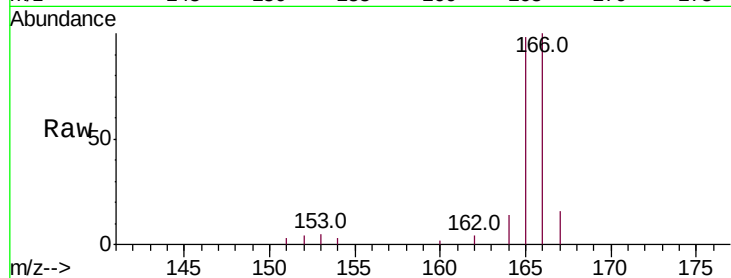




#9
Fluorene
Concen: 0.095 ng/ul
RT: 15.17 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 06:52

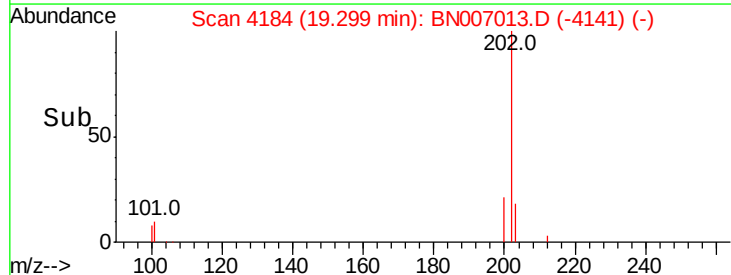
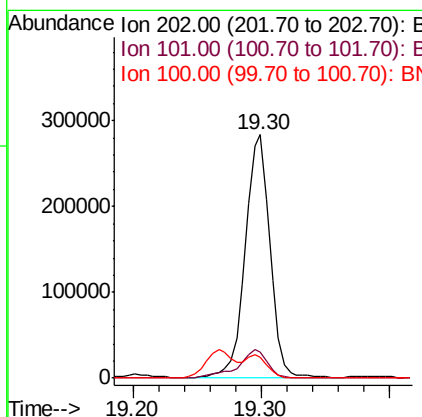
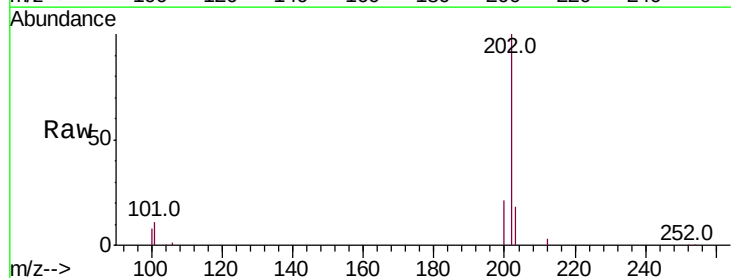
Instrument :
BNA_N
ClientSampleId :

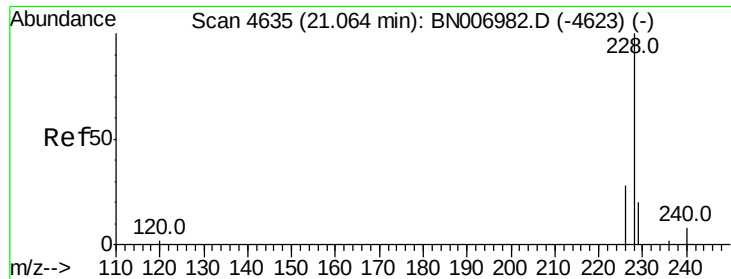
Tot Ion:166 Resp: 9104
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 16.4 11.3 16.9



#17
Pyrene
Concen: 608.643 ng/ul
RT: 19.30 min Scan# 4184
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 06:52

Tgt Ion:202 Resp: 374980
Ion Ratio Lower Upper
202 100
101 10.6 9.3 13.9
100 8.3 7.3 10.9





#18

Benzo(a)anthracene

Concen: 299.415 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. 0.05 min

Lab File: BN007013.D

Acq: 08 Aug 2019 06:52

Instrument :

BNA_N

ClientSampleId :

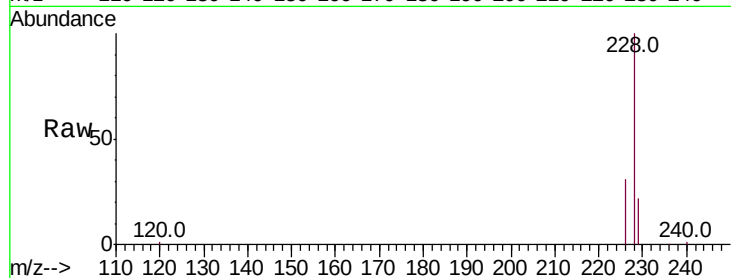
Tot Ion:228 Resp: 181508

Ion Ratio Lower Upper

228 100

229 22.3 15.9 23.9

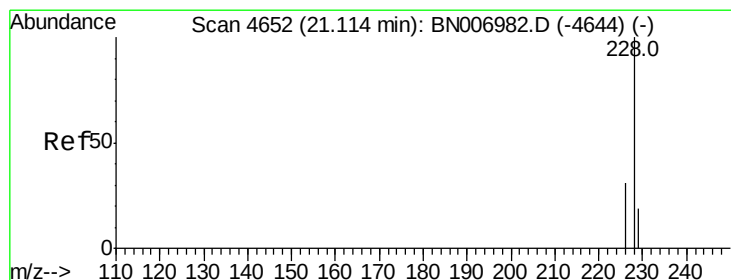
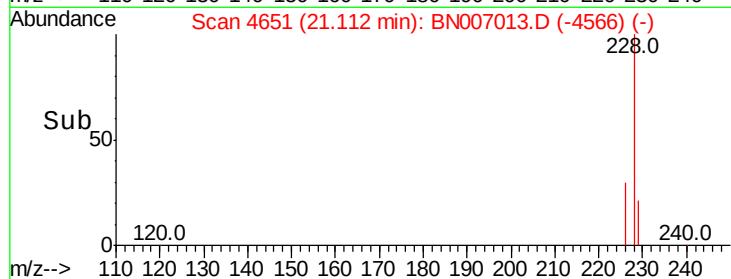
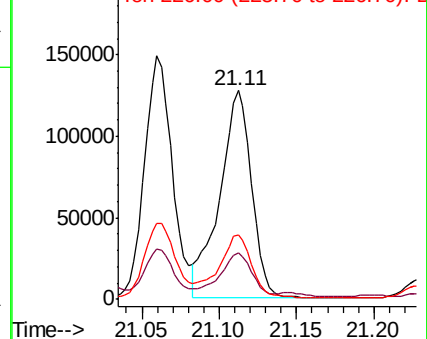
226 30.8 22.2 33.4



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: 319.603 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007013.D

Acq: 08 Aug 2019 06:52

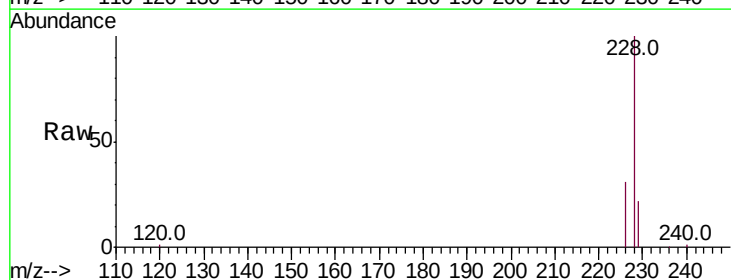
Tgt Ion:228 Resp: 181433

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

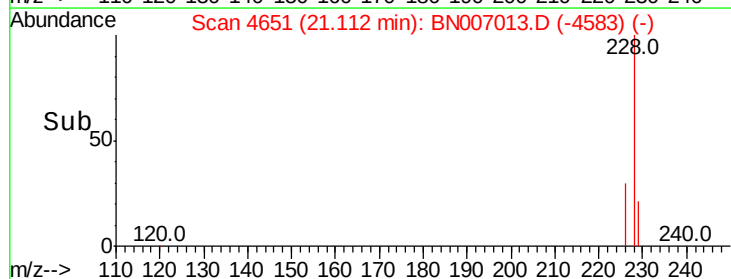
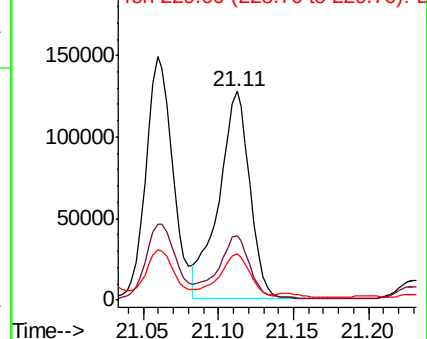
229 22.3 15.5 23.3

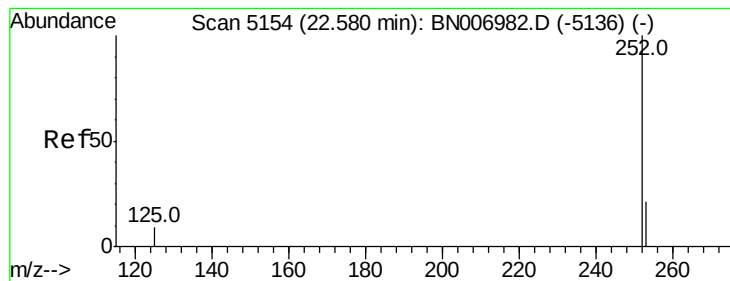


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 66.959 ng/ul

RT: 22.58 min Scan# 5153

Delta R.T. -0.00 min

Lab File: BN007013.D

Acq: 08 Aug 2019 06:52

Instrument :

BNA_N

ClientSampleId :

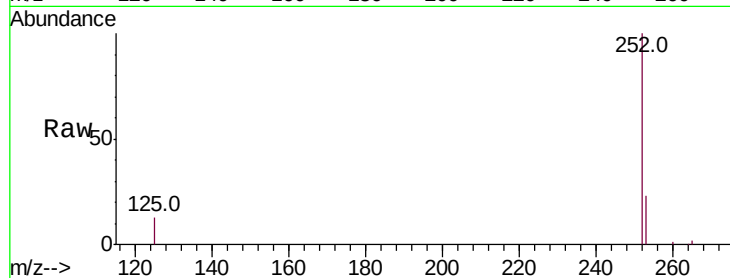
Tot Ion:252 Resp: 258162

Ion Ratio Lower Upper

252 100

253 23.2 0.0 45.2

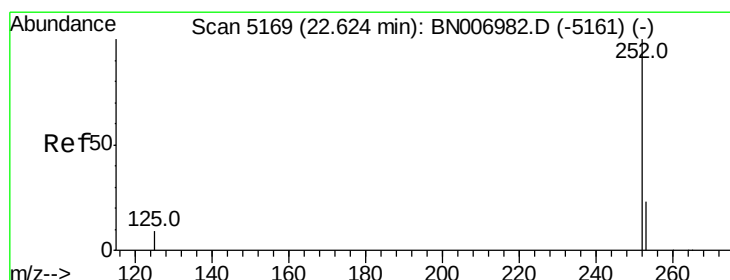
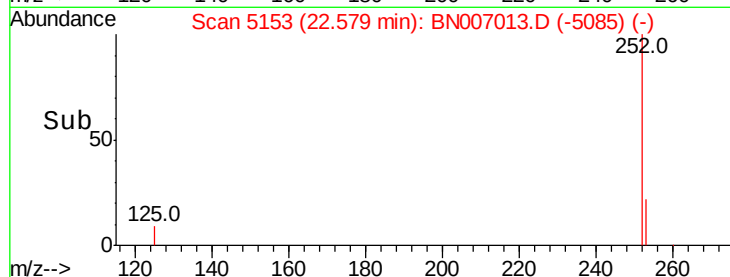
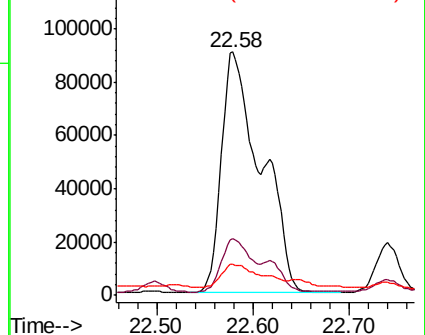
125 12.5 0.0 22.2



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: 8.918 ng/ul

RT: 22.74 min Scan# 5208

Delta R.T. 0.12 min

Lab File: BN007013.D

Acq: 08 Aug 2019 06:52

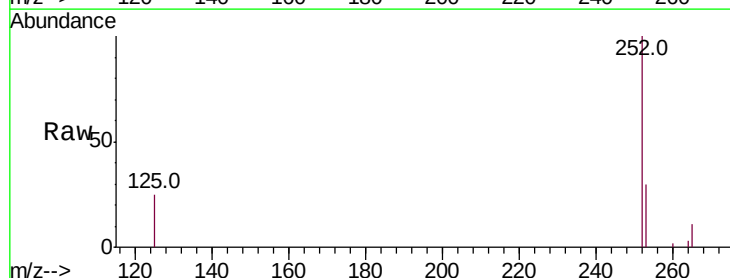
Tgt Ion:252 Resp: 33327

Ion Ratio Lower Upper

252 100

253 29.8 18.6 28.0#

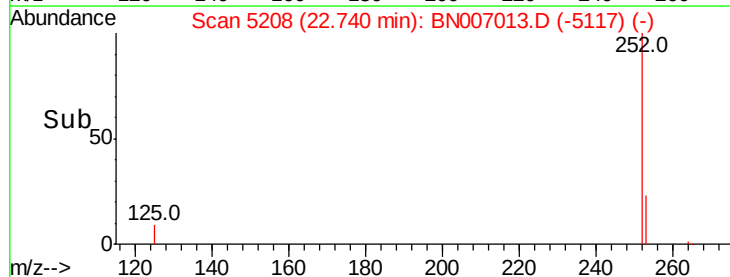
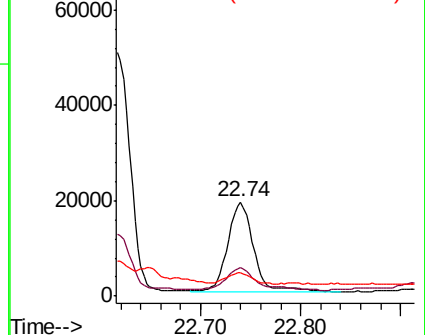
125 24.8 8.7 13.1#

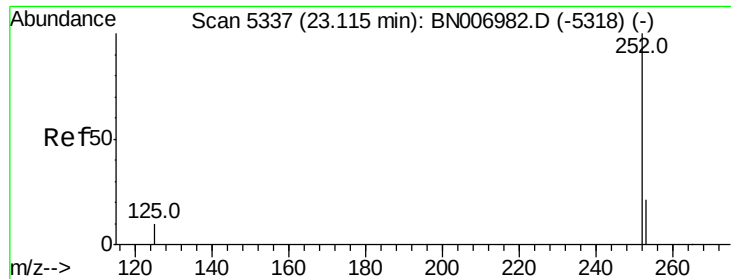


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 8.488 ng/ul

RT: 23.25 min Scan# 5382

Delta R.T. 0.13 min

Lab File: BN007013.D

Acq: 08 Aug 2019 06:52

Instrument :

BNA_N

ClientSampleId :

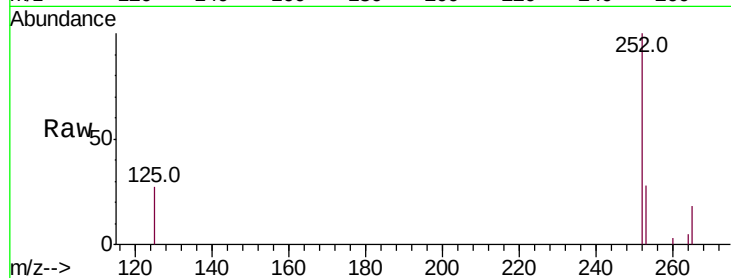
Tot Ion:252 Resp: 30811

Ion Ratio Lower Upper

252 100

253 28.2 18.0 27.0#

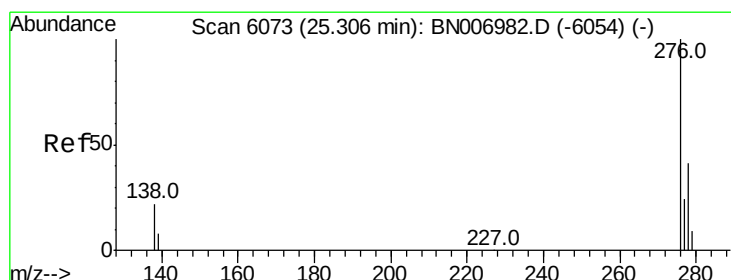
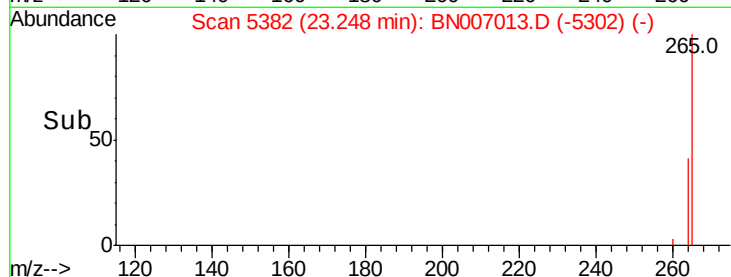
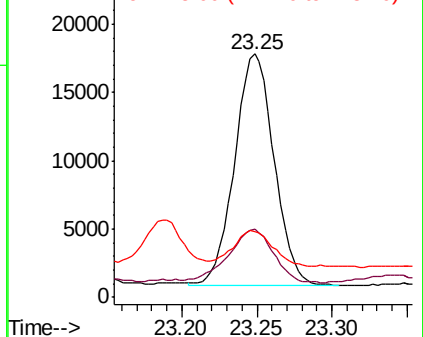
125 27.0 10.0 15.0#



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: 1.241 ng/ul

RT: 25.55 min Scan# 6144

Delta R.T. 0.24 min

Lab File: BN007013.D

Acq: 08 Aug 2019 06:52

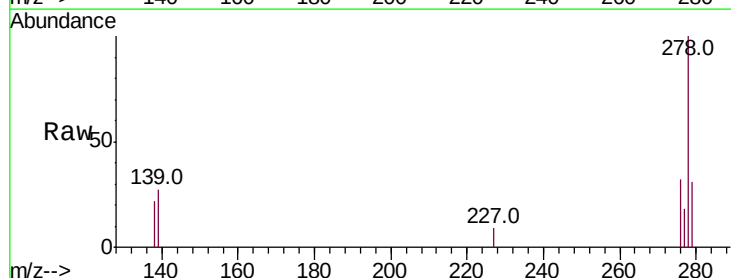
Tgt Ion:276 Resp: 4855

Ion Ratio Lower Upper

276 100

138 49.7 19.9 29.9#

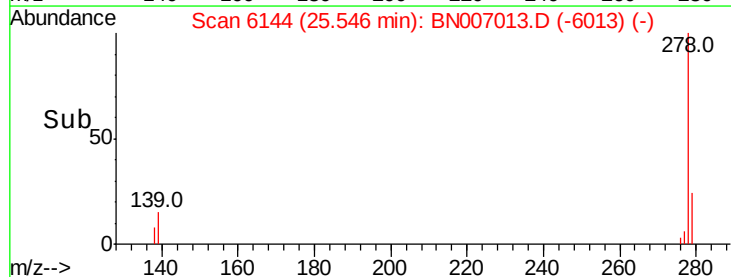
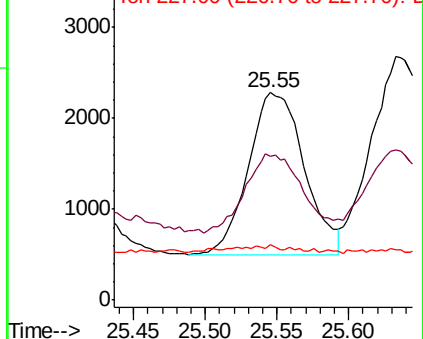
227 0.0 0.2 0.4#

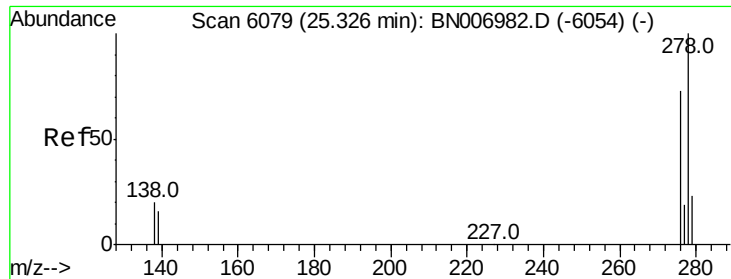


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

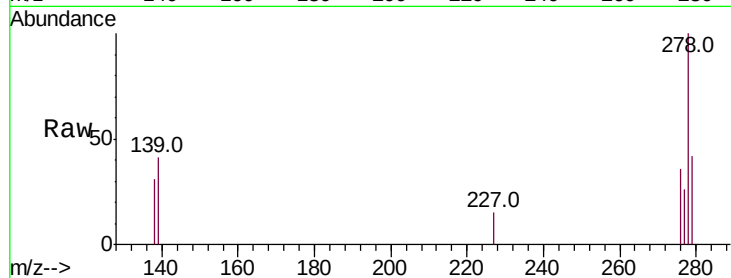




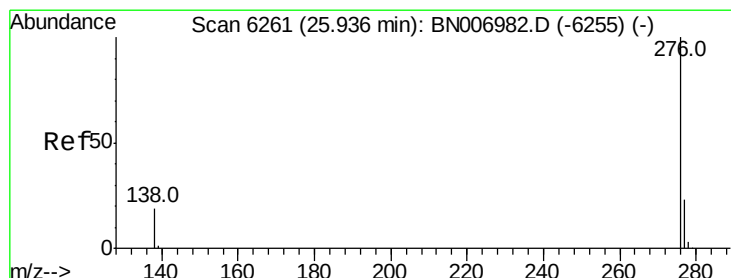
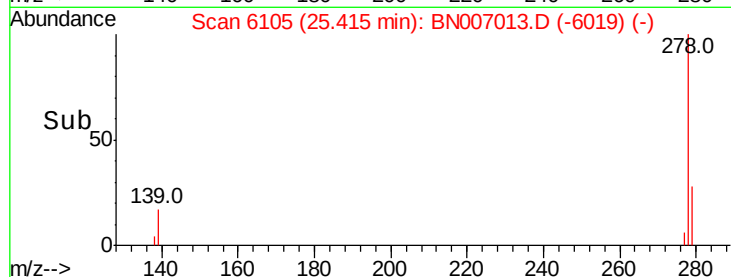
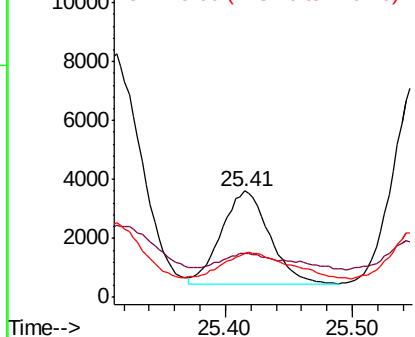
#25
Dibenzo(a,h)anthracene
Concen: 2.642 ng/ul
RT: 25.41 min Scan# 6105
Delta R.T. 0.09 min
Lab File: BN007013.D
Acq: 08 Aug 2019 06:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 8257
Ion Ratio Lower Upper
278 100
139 41.1 14.3 21.5#
279 41.6 19.6 29.4#

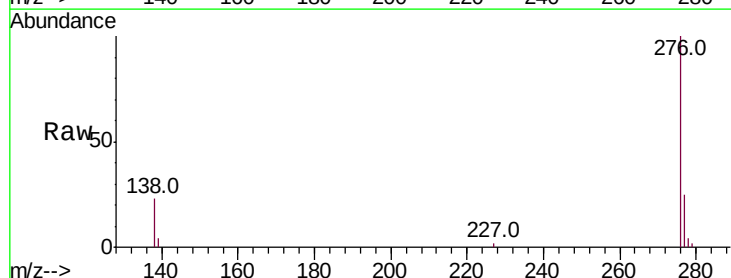


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 25.075 ng/ul
RT: 25.93 min Scan# 6260
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 06:52

Tgt Ion:276 Resp: 82303
Ion Ratio Lower Upper
276 100
138 22.9 18.7 28.1
277 25.2 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

