

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007012.D
 Acq On : 08 Aug 2019 06:16
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 07:49:51 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

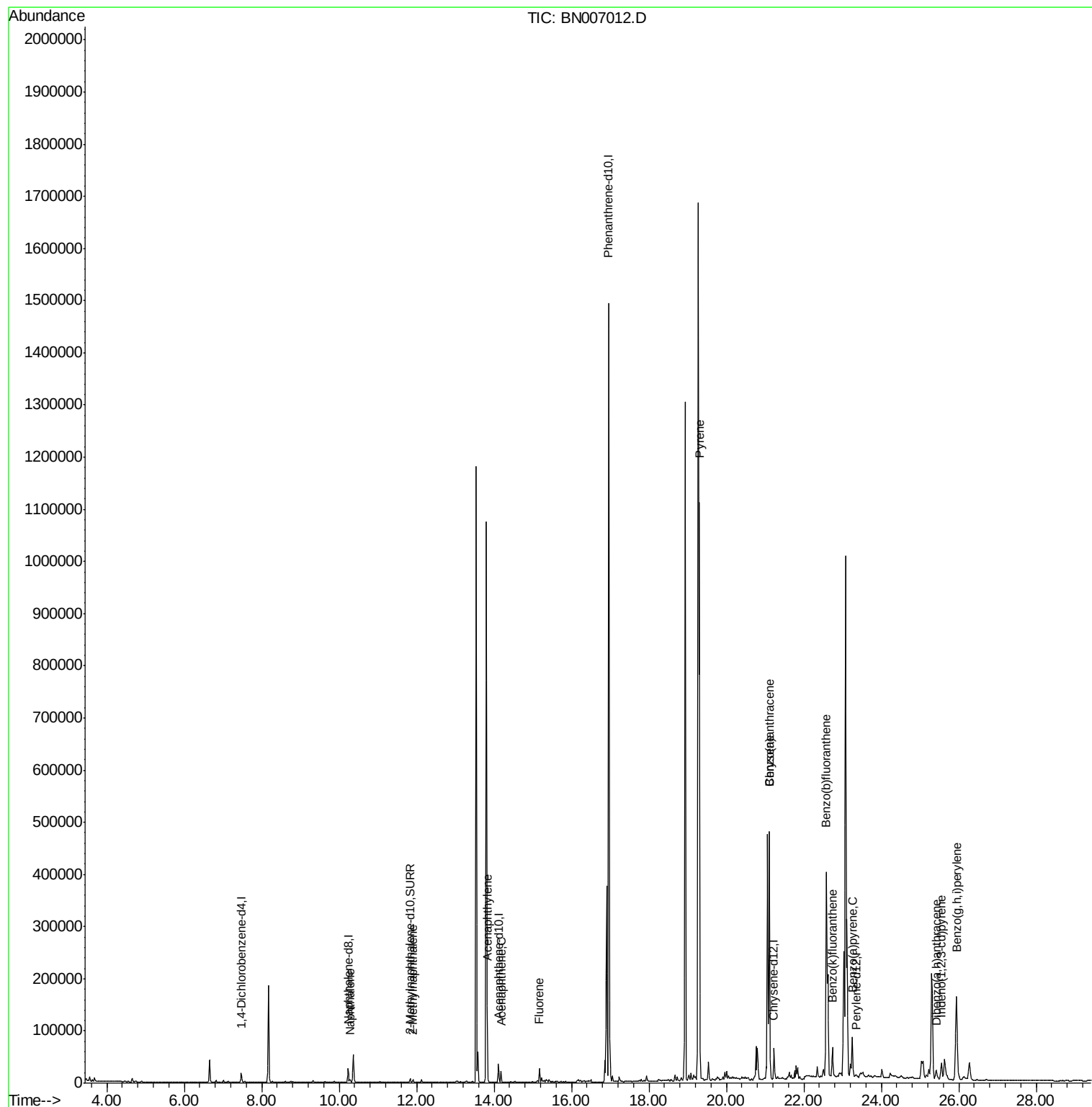
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8344	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33656	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	19993	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	1713827	0.40	ng/ul	0.10
16) Chrysene-d12	21.21	240	287	0.40	ng/ul	0.13
20) Perylene-d12	23.34	264	1787	0.40	ng/ul	0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	9120	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	415	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.28	128	7123	0.074	ng/ul	97
5) 2-Methylnaphthalene	11.91	142	3516	0.048	ng/ul	100
7) Acenaphthylene	13.83	152	16527	0.143	ng/ul	98
8) Acenaphthene	14.18	153	12559	0.158	ng/ul	99
9) Fluorene	15.17	166	15897	0.165	ng/ul	99
17) Pyrene	19.29	202	928551	724.698	ng/ul	99
18) Benzo(a)anthracene	21.11	228	458390	363.588	ng/ul	95
19) Chrysene	21.11	228	458164	388.072	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	817979	112.906	ng/ul	99
22) Benzo(k)fluoranthene	22.74	252	69098	9.840	ng/ul#	81
23) Benzo(a)pyrene	23.25	252	94592	13.867	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.55	276	12310	1.674	ng/ul#	66
25) Dibenzo(a,h)anthracene	25.41	278	22530	3.837	ng/ul#	68
26) Benzo(g,h,i)perylene	25.94	276	314374	50.971	ng/ul	98

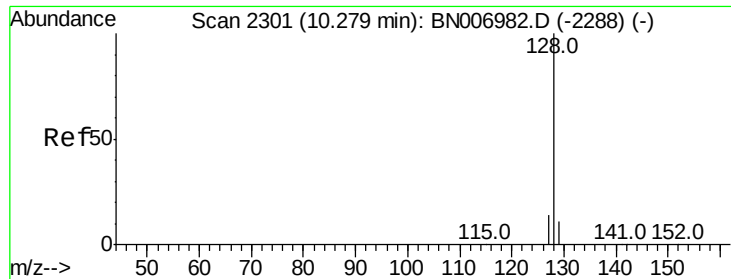
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.074 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN007012.D

Acq: 08 Aug 2019 06:16

Instrument :

BNA_N

ClientSampleId :

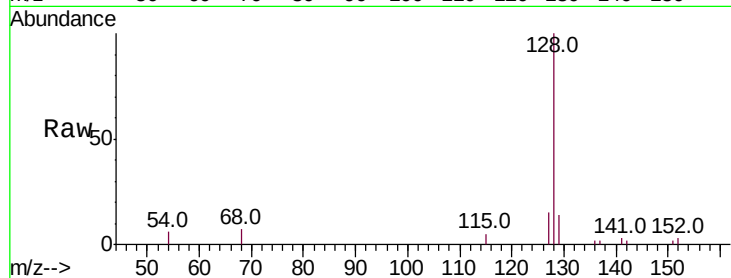
Tot Ion:128 Resp: 7123

Ion Ratio Lower Upper

128 100

129 14.1 10.0 15.0

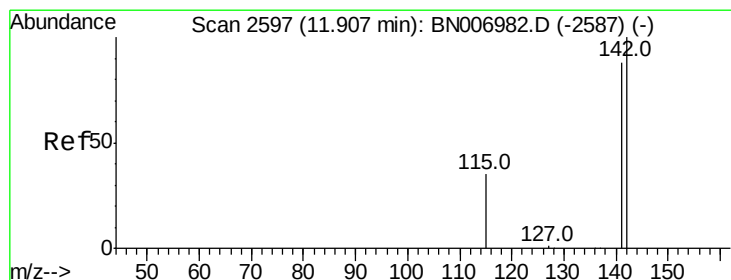
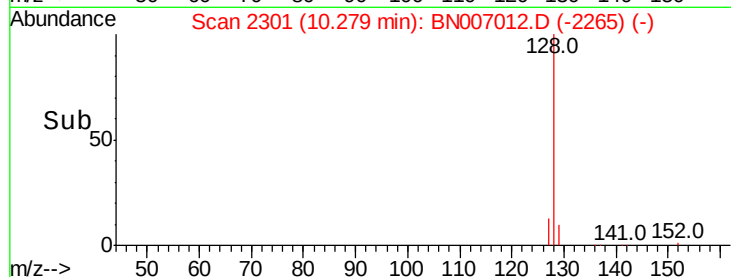
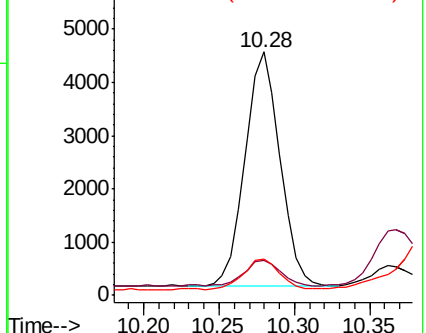
127 15.1 11.7 17.5



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: 0.048 ng/ul

RT: 11.91 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BN007012.D

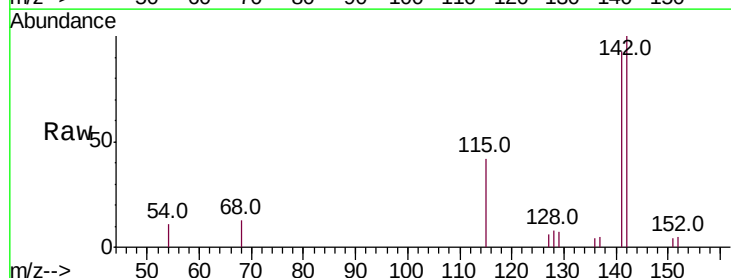
Acq: 08 Aug 2019 06:16

Tgt Ion:142 Resp: 3516

Ion Ratio Lower Upper

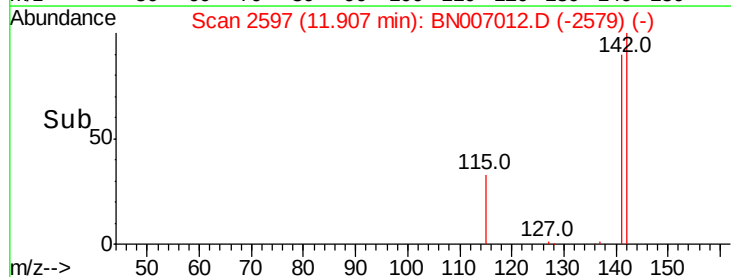
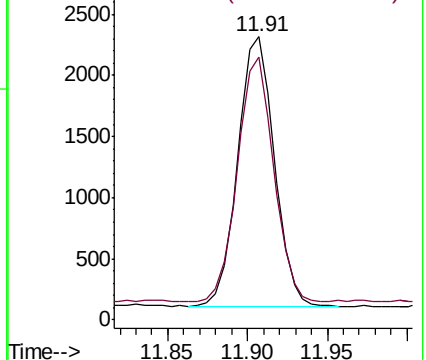
142 100

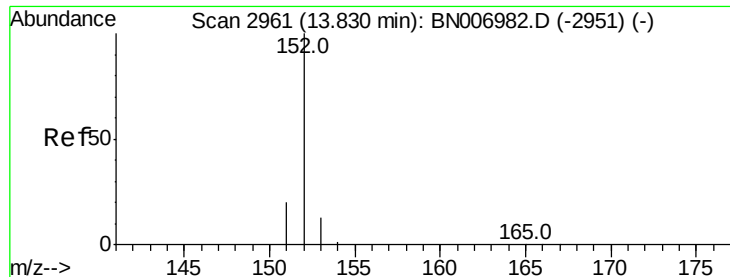
141 88.5 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.143 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN007012.D

Acq: 08 Aug 2019 06:16

Instrument :

BNA_N

ClientSampleId :

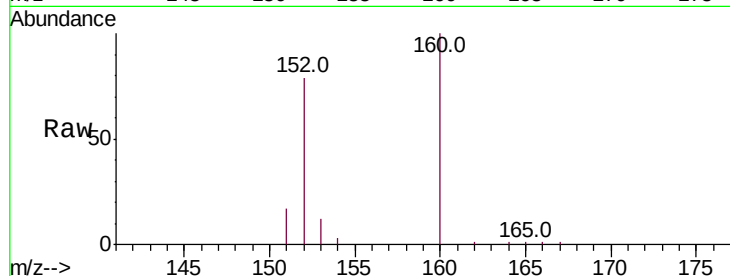
Tot Ion:152 Resp: 16527

Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

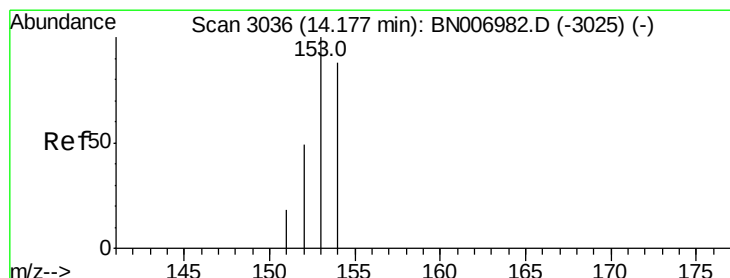
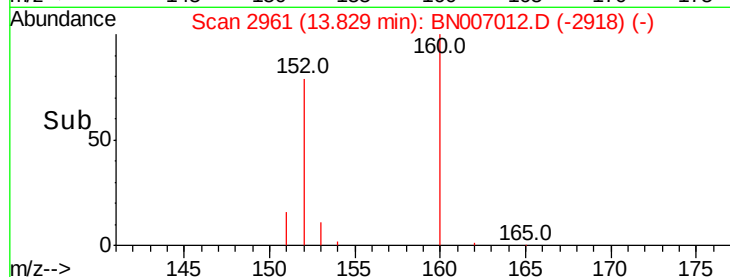
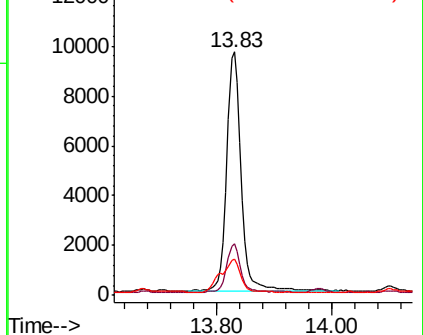
153 14.7 11.0 16.4



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: 0.158 ng/ul

RT: 14.18 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BN007012.D

Acq: 08 Aug 2019 06:16

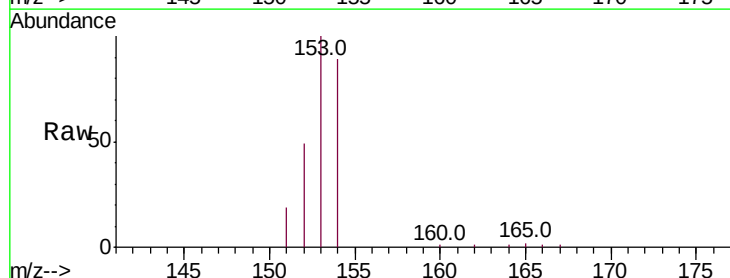
Tgt Ion:153 Resp: 12559

Ion Ratio Lower Upper

153 100

152 49.1 39.4 59.2

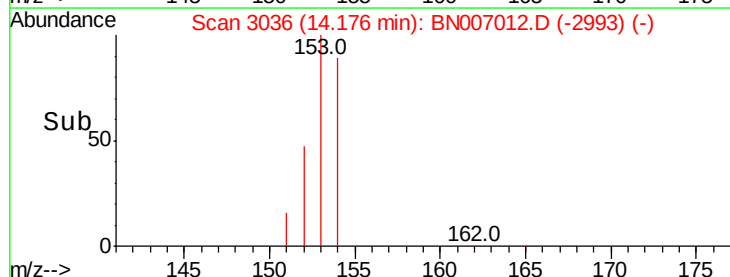
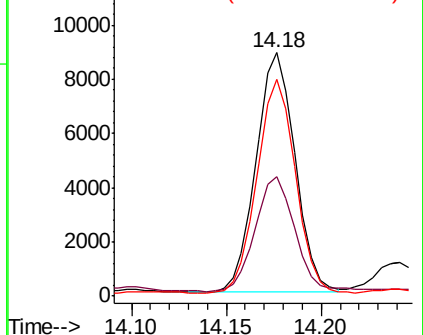
154 88.8 70.1 105.1

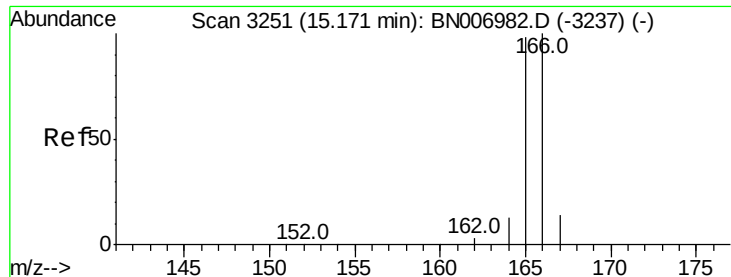


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



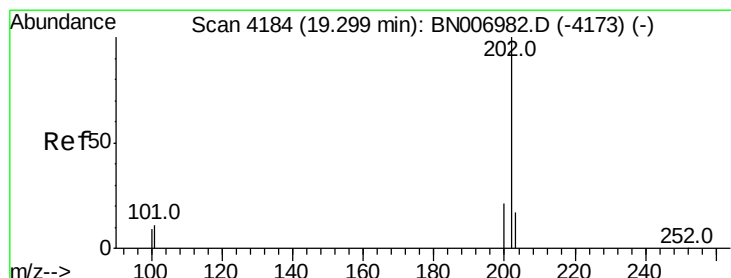
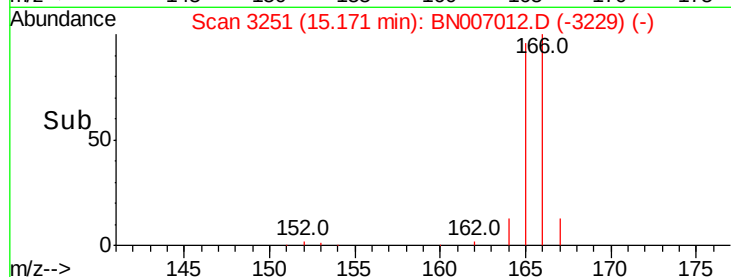
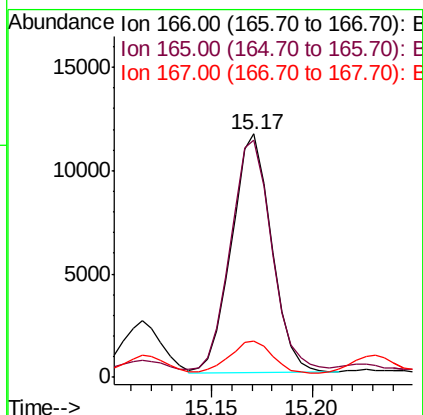
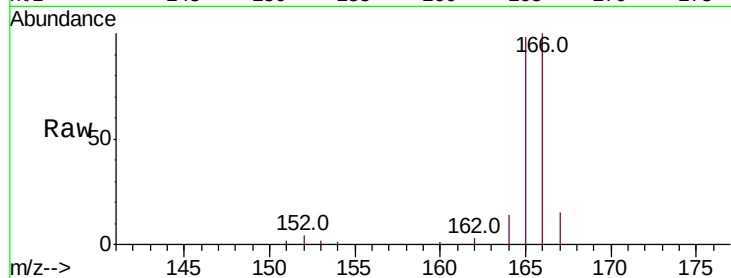


#9
Fluorene
 Concen: 0.165 ng/ul
 RT: 15.17 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BN007012.D
 Acq: 08 Aug 2019 06:16

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 15897

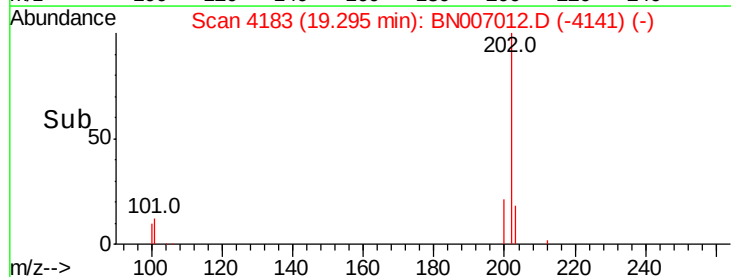
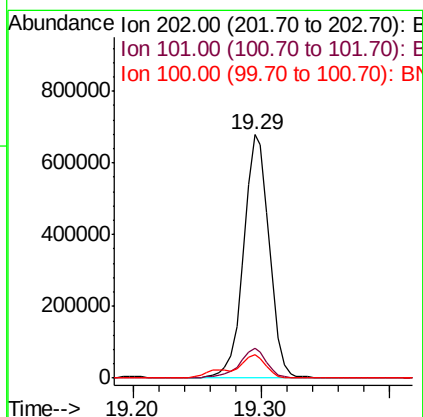
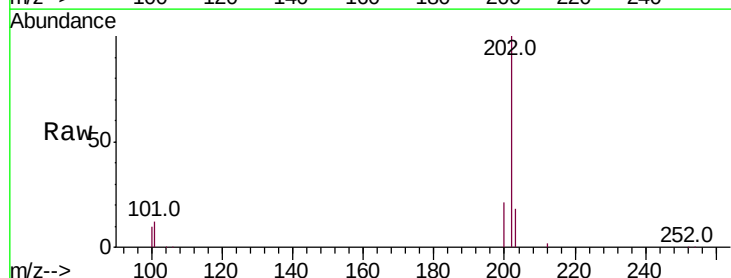
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	15.1	11.3	16.9

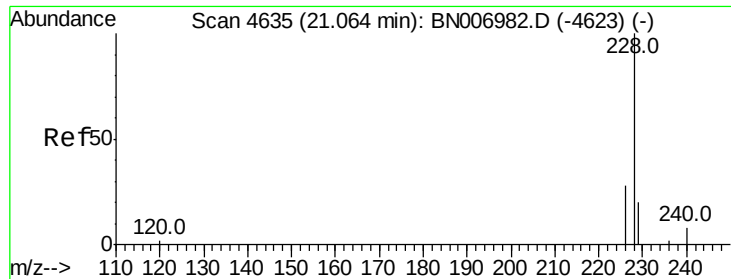


#17
Pyrene
 Concen: 724.698 ng/ul
 RT: 19.29 min Scan# 4183
 Delta R.T. -0.00 min
 Lab File: BN007012.D
 Acq: 08 Aug 2019 06:16

Tgt Ion:202 Resp: 928551

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.3	13.9
100	9.7	7.3	10.9





#18

Benzo(a)anthracene

Concen: 363.588 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. 0.05 min

Lab File: BN007012.D

Acq: 08 Aug 2019 06:16

Instrument :

BNA_N

ClientSampleId :

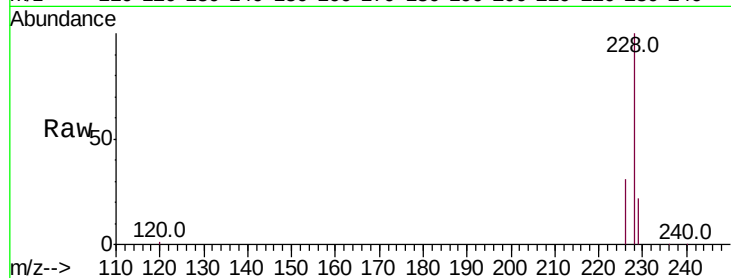
Tot Ion:228 Resp: 458390

Ion Ratio Lower Upper

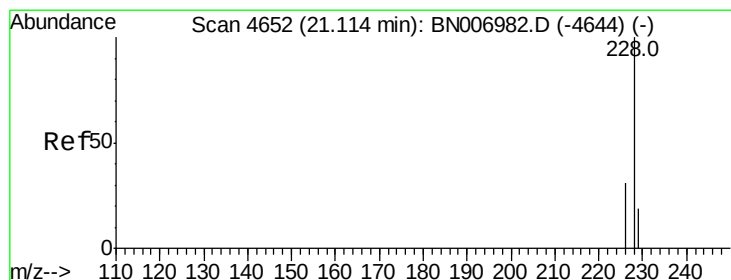
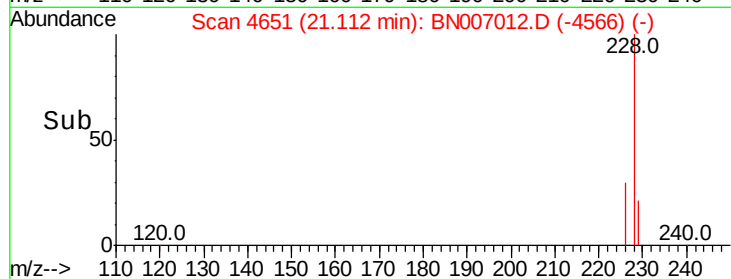
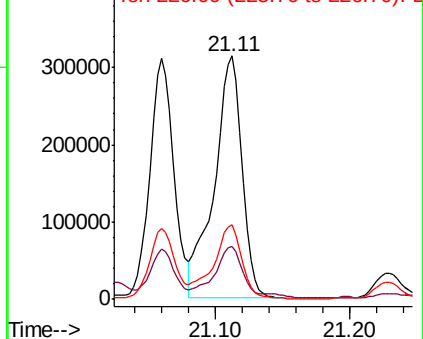
228 100

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: 388.072 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007012.D

Acq: 08 Aug 2019 06:16

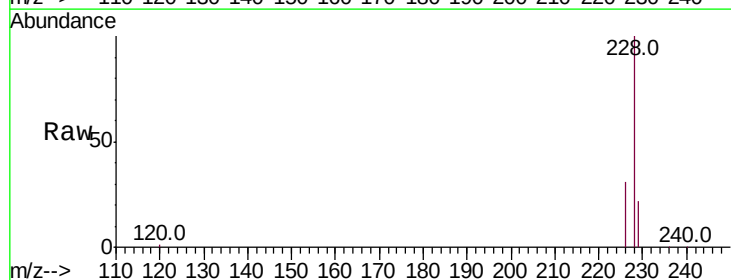
Tgt Ion:228 Resp: 458164

Ion Ratio Lower Upper

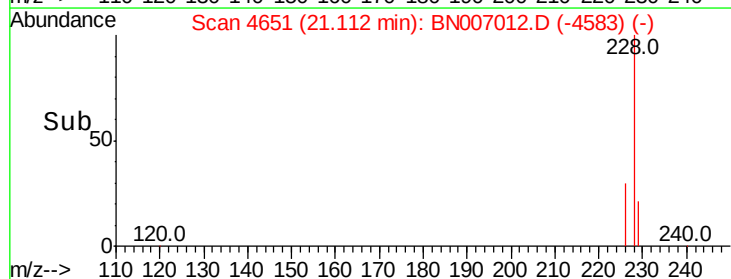
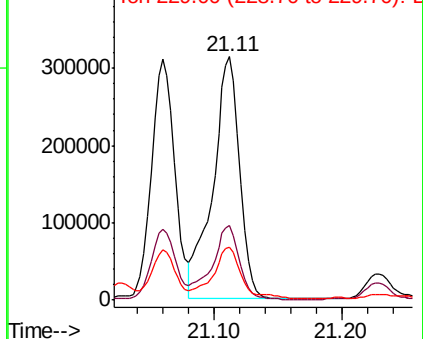
228 100

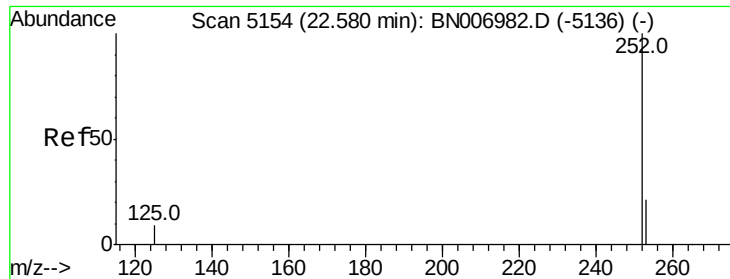
226 30.6 24.7 37.1

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: 112.906 ng/ul

RT: 22.58 min Scan# 5153

Delta R.T. -0.00 min

Lab File: BN007012.D

Acq: 08 Aug 2019 06:16

Instrument :

BNA_N

ClientSampleId :

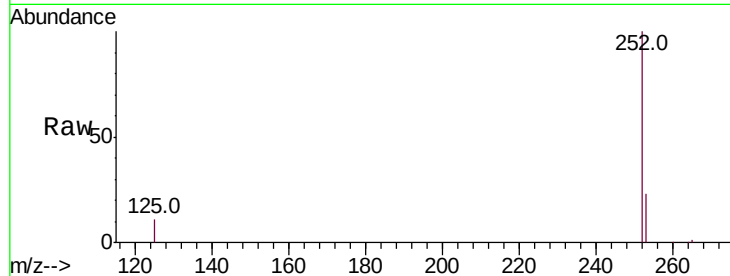
Tot Ion:252 Resp: 817979

Ion Ratio Lower Upper

252 100

253 22.8 0.0 45.2

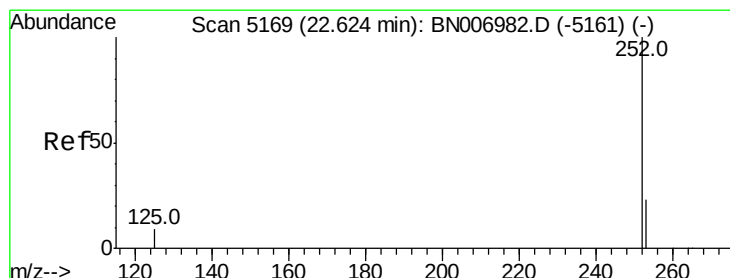
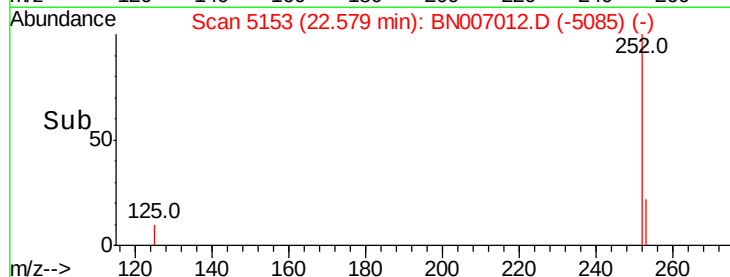
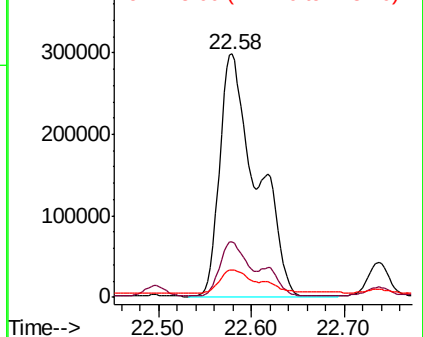
125 11.4 0.0 22.2



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: 9.840 ng/ul

RT: 22.74 min Scan# 5207

Delta R.T. 0.11 min

Lab File: BN007012.D

Acq: 08 Aug 2019 06:16

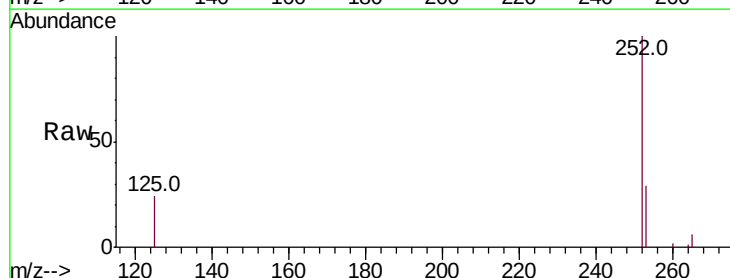
Tgt Ion:252 Resp: 69098

Ion Ratio Lower Upper

252 100

253 29.0 18.6 28.0#

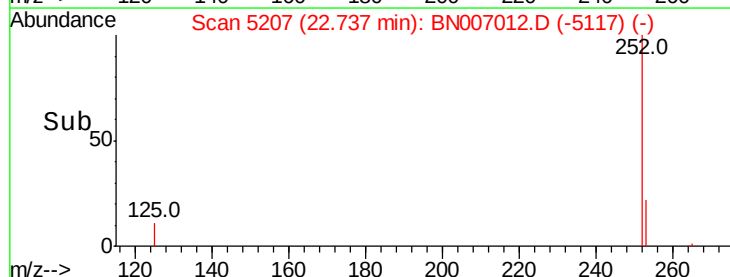
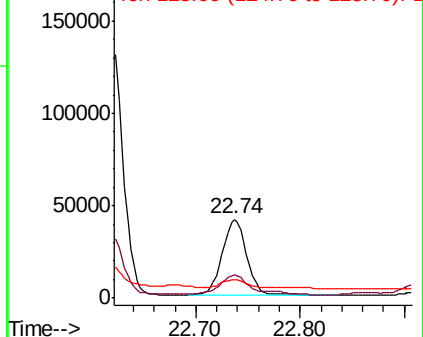
125 23.7 8.7 13.1#

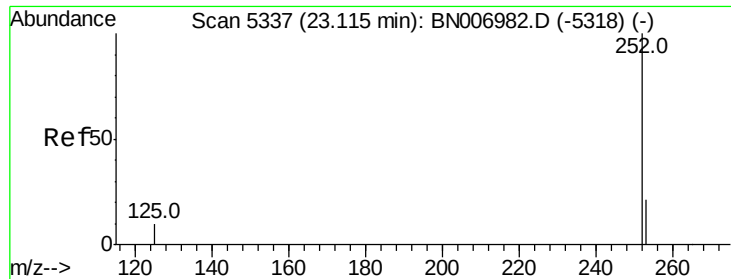


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 13.867 ng/ul

RT: 23.25 min Scan# 5382

Delta R.T. 0.13 min

Lab File: BN007012.D

Acq: 08 Aug 2019 06:16

Instrument :

BNA_N

ClientSampleId :

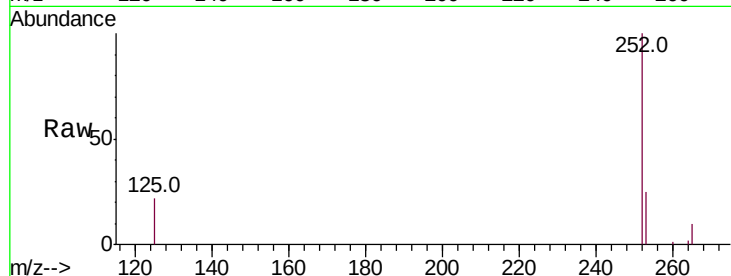
Tot Ion:252 Resp: 94592

Ion Ratio Lower Upper

252 100

253 25.2 18.0 27.0

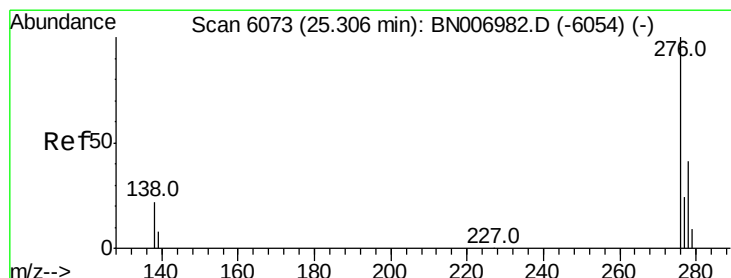
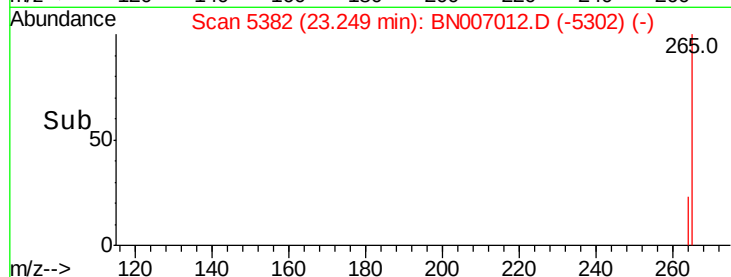
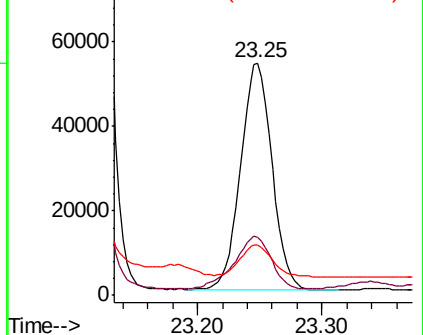
125 21.6 10.0 15.0#



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: 1.674 ng/ul

RT: 25.55 min Scan# 6146

Delta R.T. 0.25 min

Lab File: BN007012.D

Acq: 08 Aug 2019 06:16

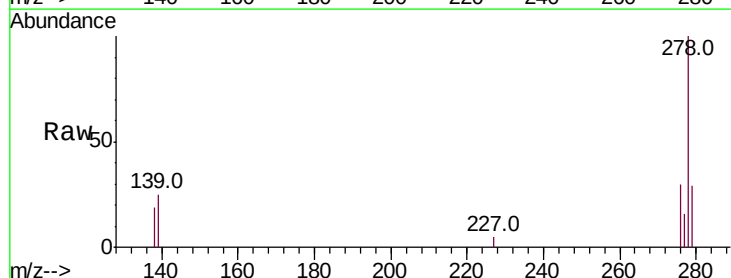
Tgt Ion:276 Resp: 12310

Ion Ratio Lower Upper

276 100

138 42.0 19.9 29.9#

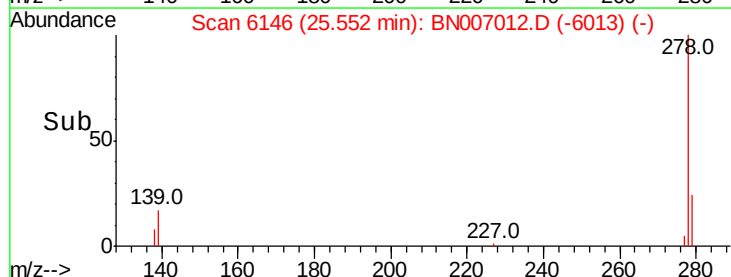
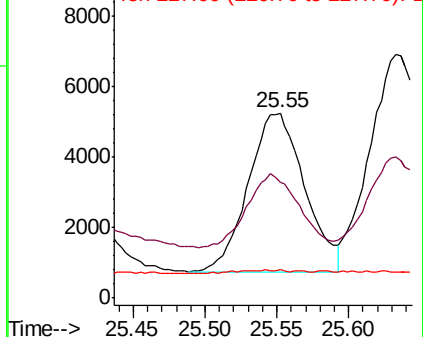
227 2.6 0.2 0.4#

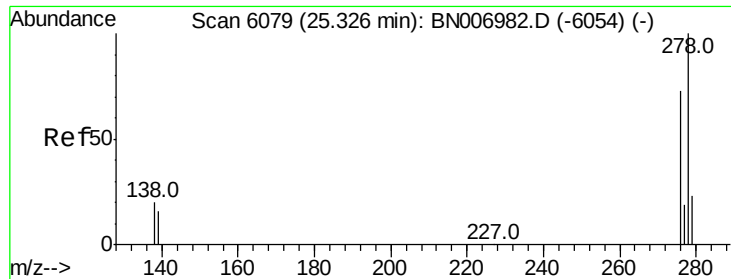


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



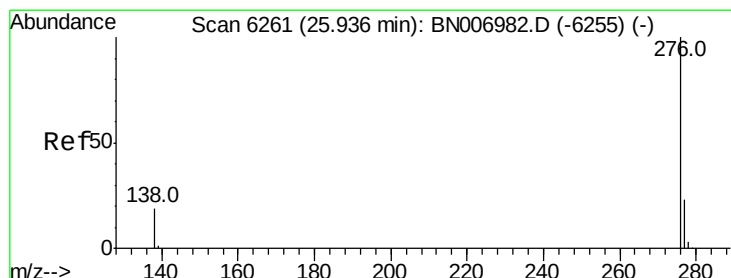
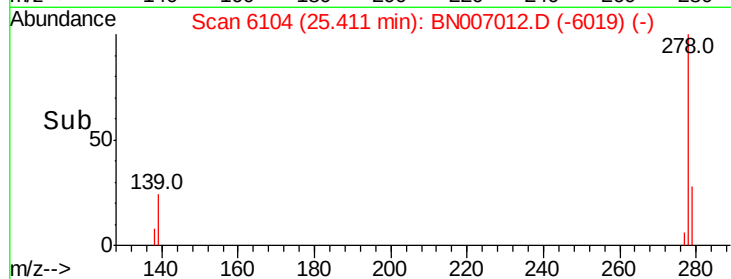
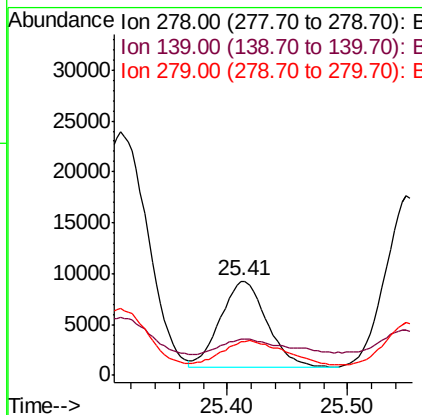
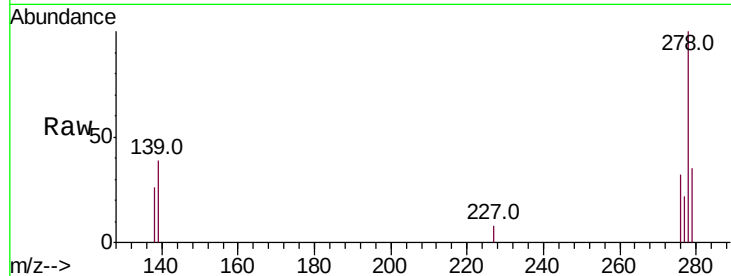


#25

Dibenzo(a,h)anthracene
Concen: 3.837 ng/ul
RT: 25.41 min Scan# 6104
Delta R.T. 0.09 min
Lab File: BN007012.D
Acq: 08 Aug 2019 06:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 22530
Ion Ratio Lower Upper
278 100
139 38.5 14.3 21.5#
279 35.4 19.6 29.4#



#26

Benzo(g,h,i)perylene
Concen: 50.971 ng/ul
RT: 25.94 min Scan# 6261
Delta R.T. 0.00 min
Lab File: BN007012.D
Acq: 08 Aug 2019 06:16

Tgt Ion:276 Resp: 314374
Ion Ratio Lower Upper
276 100
138 21.5 18.7 28.1
277 24.1 19.3 28.9

