

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007011.D
 Acq On : 08 Aug 2019 05:40
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 07:49:44 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

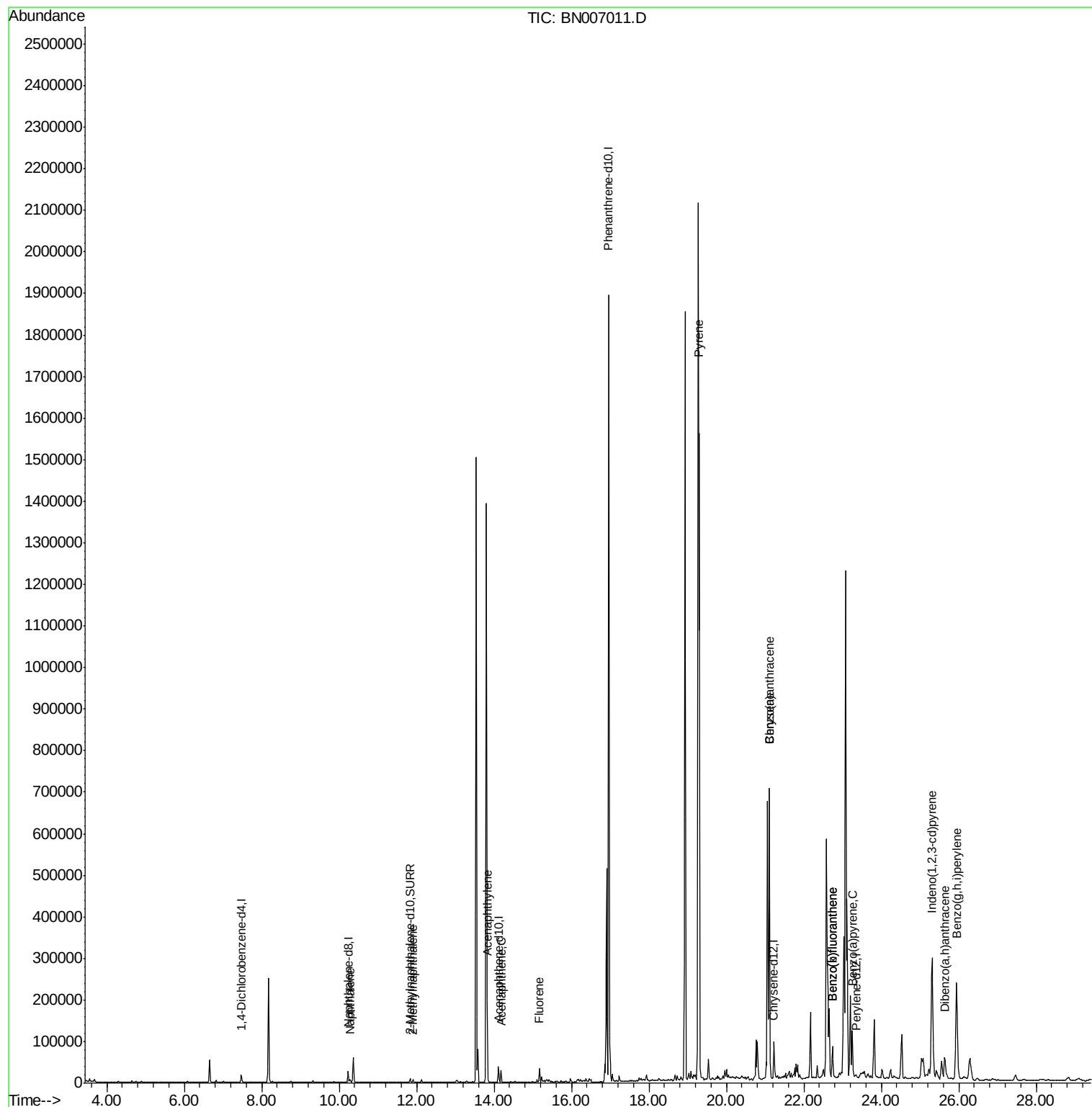
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8769	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	35102	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	21108	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	2210768	0.40	ng/ul	0.10
16) Chrysene-d12	21.21	240	429	0.40	ng/ul	0.13
20) Perylene-d12	23.35	264	2363	0.40	ng/ul	0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	12519	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	547	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.28	128	9939	0.098	ng/ul	98
5) 2-Methylnaphthalene	11.91	142	4827	0.064	ng/ul	99
7) Acenaphthylene	13.83	152	24753	0.202	ng/ul	99
8) Acenaphthene	14.18	153	16805	0.201	ng/ul	100
9) Fluorene	15.17	166	20869	0.206	ng/ul	99
17) Pyrene	19.29	202	1348177	703.920	ng/ul	98
18) Benzo(a)anthracene	21.11	228	685772	363.898	ng/ul	96
19) Chrysene	21.11	228	685772	388.594	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	97057	10.131	ng/ul	83
22) Benzo(k)fluoranthene	22.74	252	96747	10.419	ng/ul#	84
23) Benzo(a)pyrene	23.25	252	133939	14.849	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.31	276	442859	45.546	ng/ul	99
25) Dibenzo(a,h)anthracene	25.64	278	54403	7.006	ng/ul	92
26) Benzo(g,h,i)perylene	25.94	276	450946	55.292	ng/ul	98

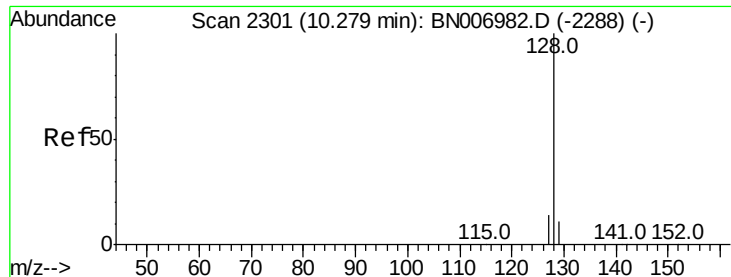
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.098 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 05:40

Instrument :

BNA_N

ClientSampleId :

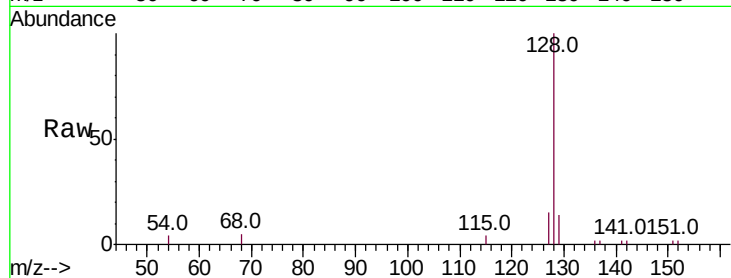
Tot Ion:128 Resp: 9939

Ion Ratio Lower Upper

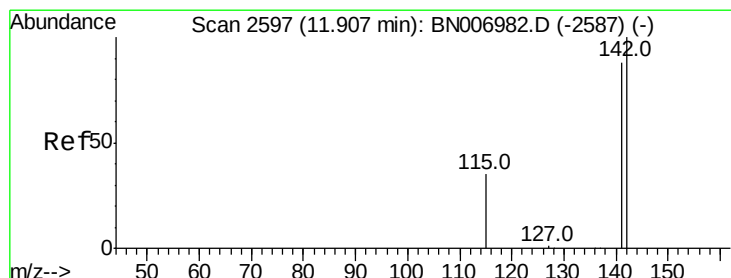
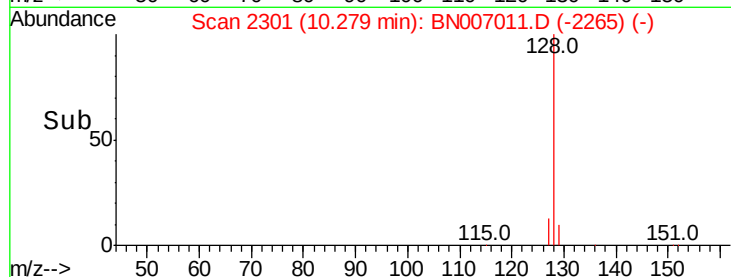
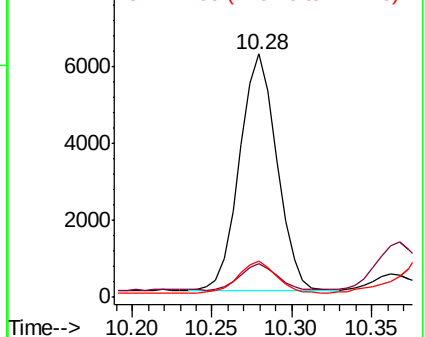
128 100

129 13.7 10.0 15.0

127 14.8 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: 0.064 ng/ul

RT: 11.91 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BN007011.D

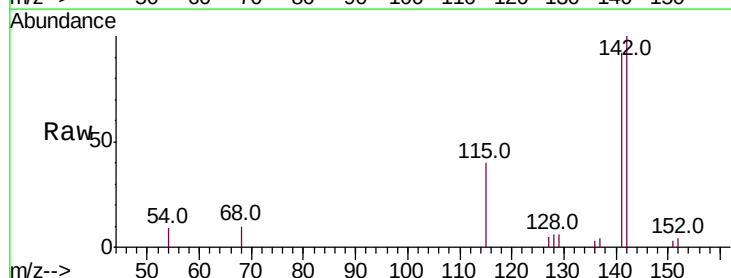
Acq: 08 Aug 2019 05:40

Tgt Ion:142 Resp: 4827

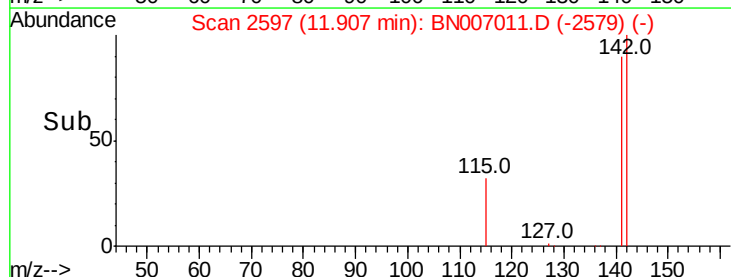
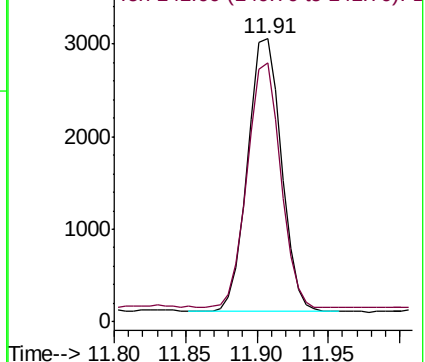
Ion Ratio Lower Upper

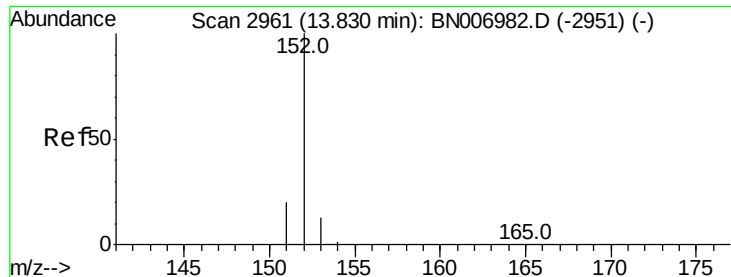
142 100

141 88.2 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: 0.202 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 05:40

Instrument :

BNA_N

ClientSampleId :

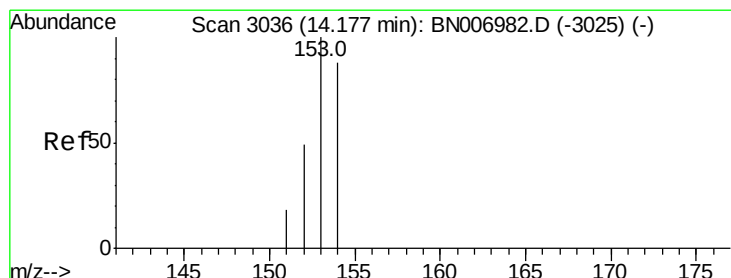
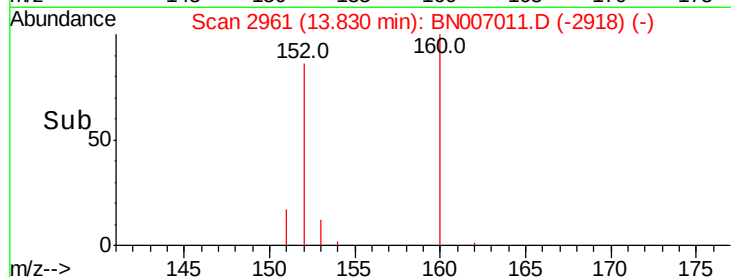
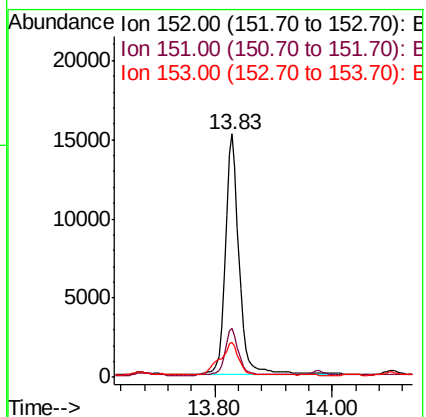
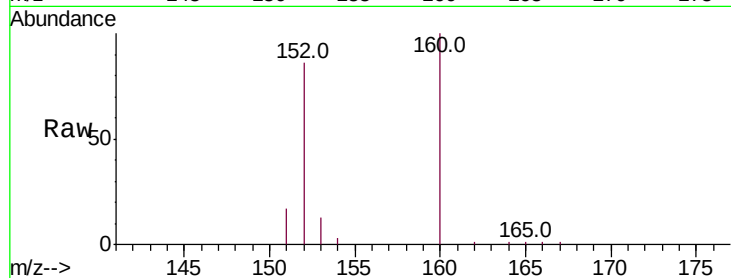
Tot Ion:152 Resp: 24753

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 14.6 11.0 16.4



#8

Acenaphthene

Concen: 0.201 ng/ul

RT: 14.18 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 05:40

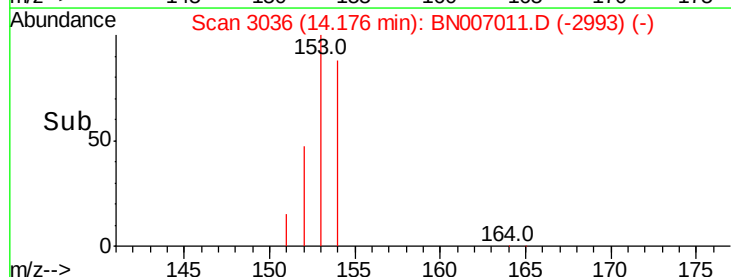
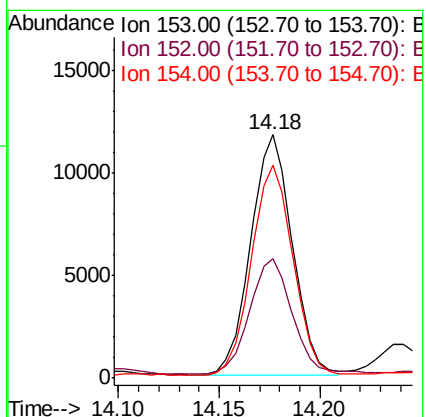
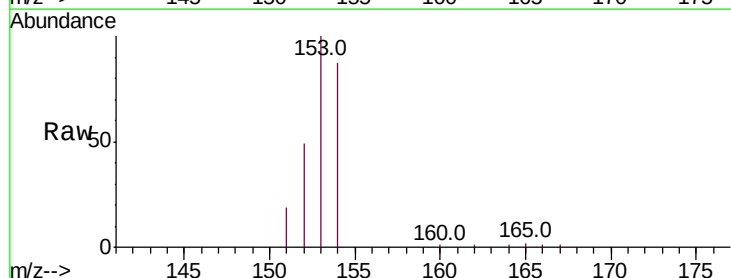
Tgt Ion:153 Resp: 16805

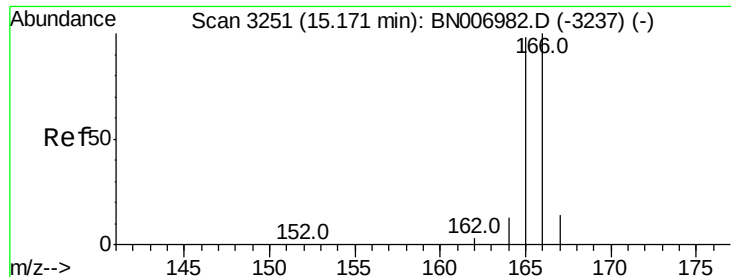
Ion Ratio Lower Upper

153 100

152 49.1 39.4 59.2

154 87.5 70.1 105.1



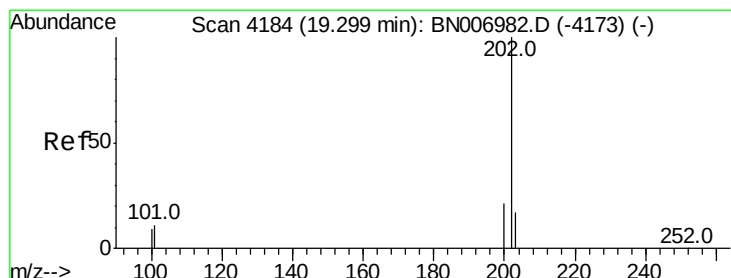
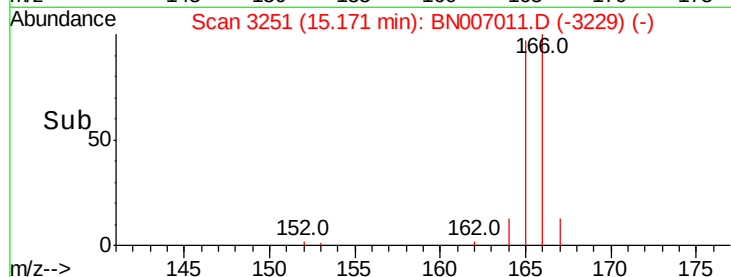
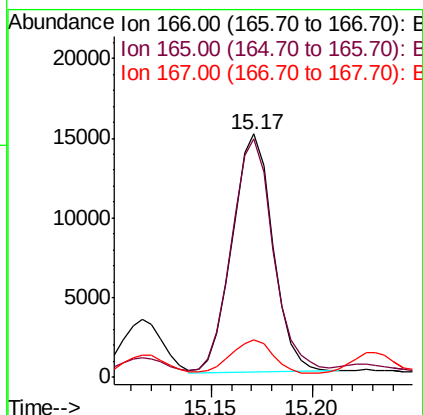
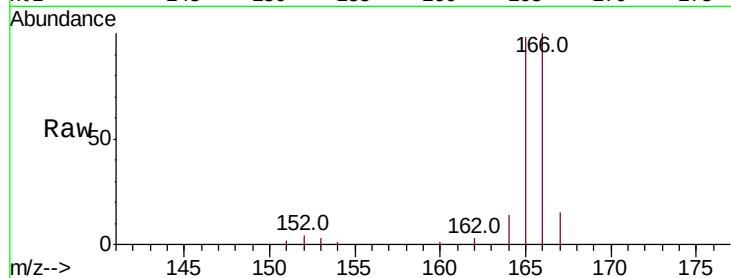


#9
Fluorene
 Concen: 0.206 ng/ul
 RT: 15.17 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BN007011.D
 Acq: 08 Aug 2019 05:40

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 20869

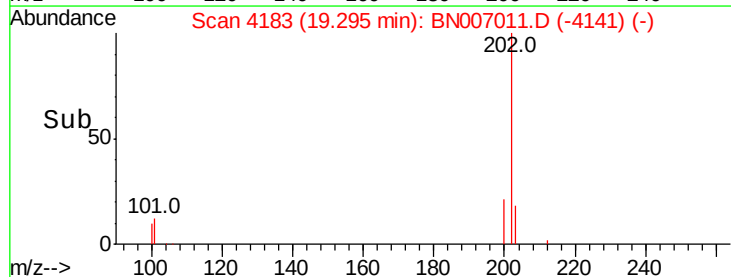
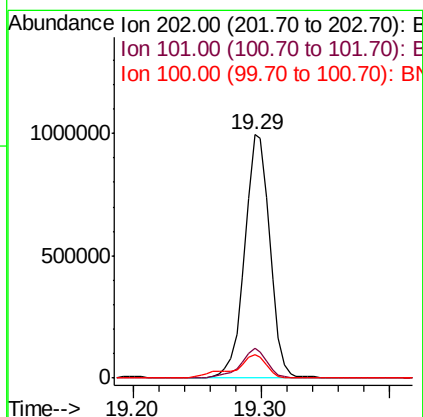
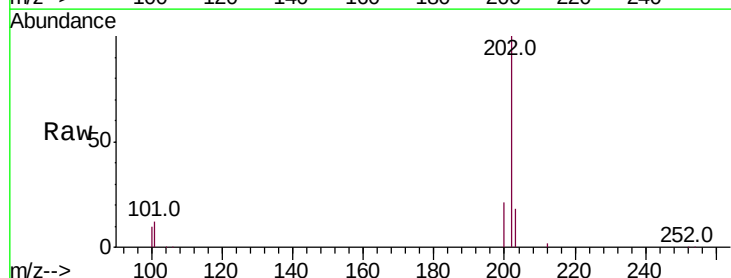
Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.8	118.2
167	15.4	11.3	16.9

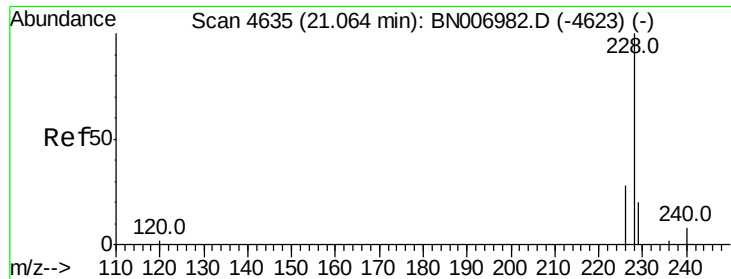


#17
Pyrene
 Concen: 703.920 ng/ul
 RT: 19.29 min Scan# 4183
 Delta R.T. -0.00 min
 Lab File: BN007011.D
 Acq: 08 Aug 2019 05:40

Tgt Ion:202 Resp: 1348177

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
100	9.8	7.3	10.9





#18

Benzo(a)anthracene

Concen: 363.898 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. 0.05 min

Lab File: BN007011.D

Acq: 08 Aug 2019 05:40

Instrument :

BNA_N

ClientSampleId :

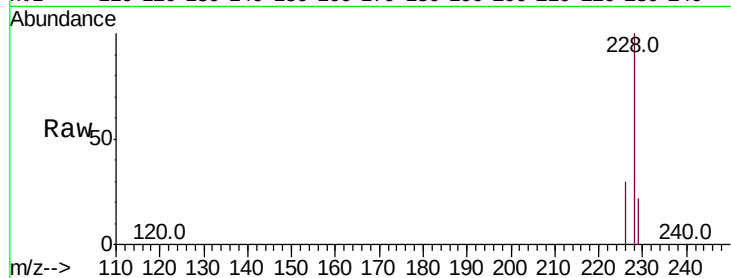
Tot Ion:228 Resp: 685772

Ion Ratio Lower Upper

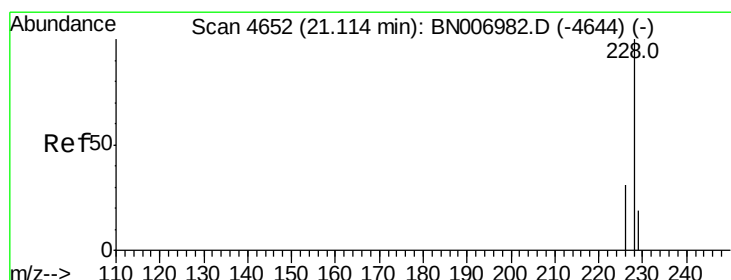
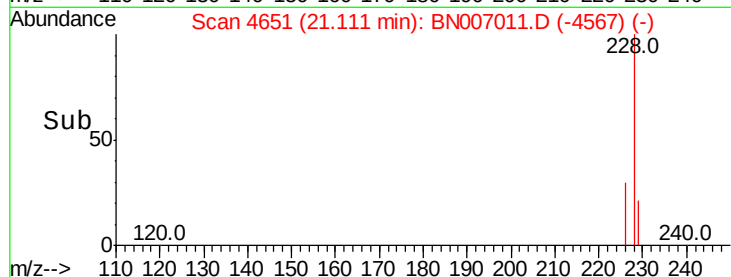
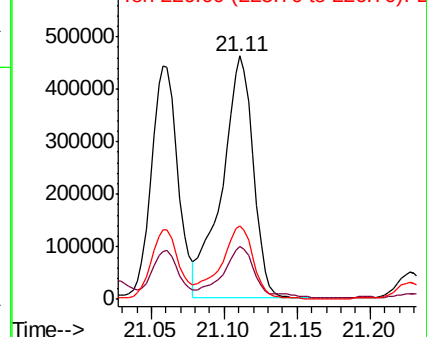
228 100

229 21.7 15.9 23.9

226 30.2 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: 388.594 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 05:40

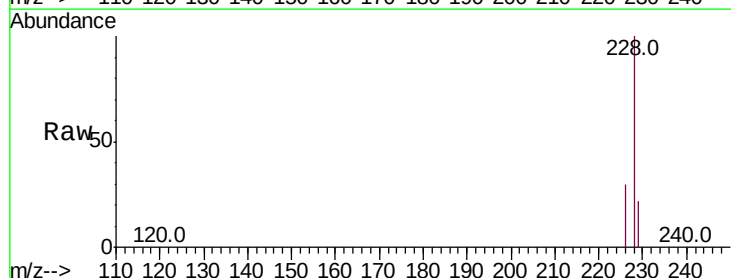
Tgt Ion:228 Resp: 685772

Ion Ratio Lower Upper

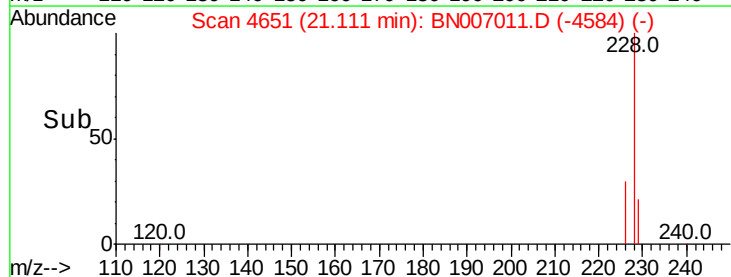
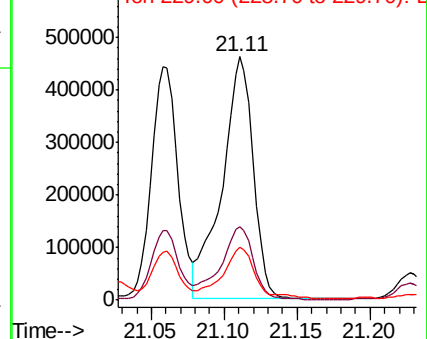
228 100

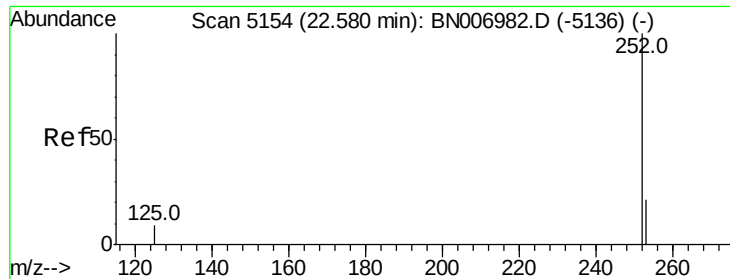
226 30.2 24.7 37.1

229 21.7 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: 10.131 ng/ul

RT: 22.74 min Scan# 5208

Delta R.T. 0.16 min

Lab File: BN007011.D

Acq: 08 Aug 2019 05:40

Instrument :

BNA_N

ClientSampled :

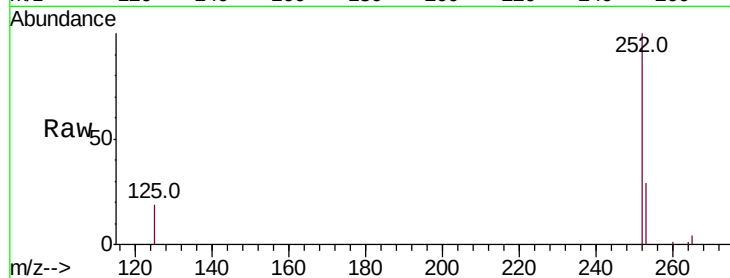
Tot Ion:252 Resp: 97057

Ion Ratio Lower Upper

252 100

253 29.2 0.0 45.2

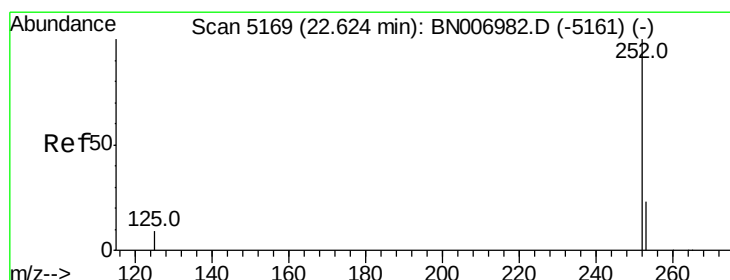
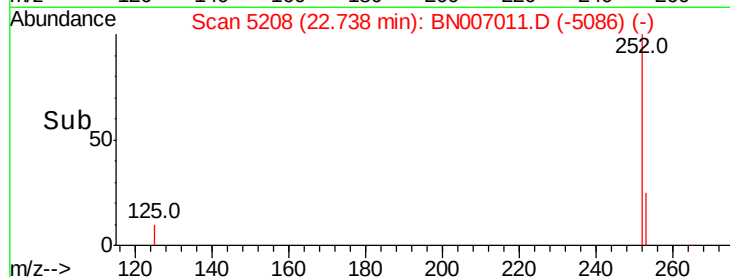
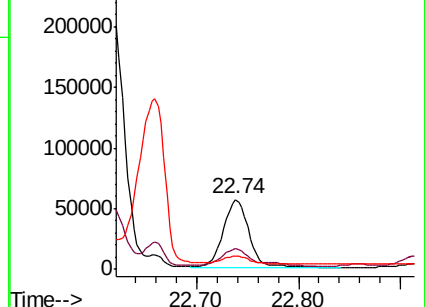
125 19.5 0.0 22.2



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: 10.419 ng/ul

RT: 22.74 min Scan# 5208

Delta R.T. 0.11 min

Lab File: BN007011.D

Acq: 08 Aug 2019 05:40

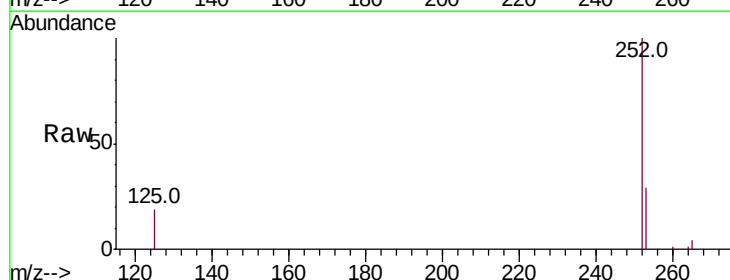
Tgt Ion:252 Resp: 96747

Ion Ratio Lower Upper

252 100

253 29.2 18.6 28.0#

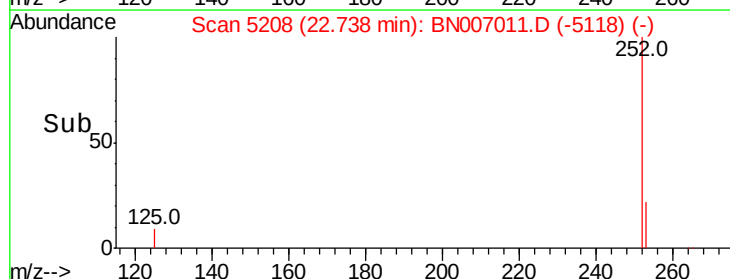
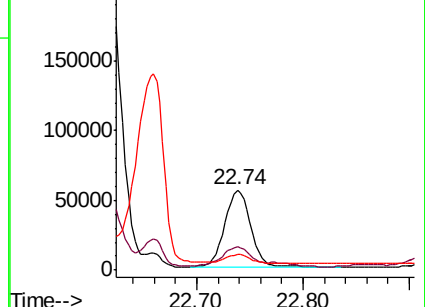
125 19.5 8.7 13.1#

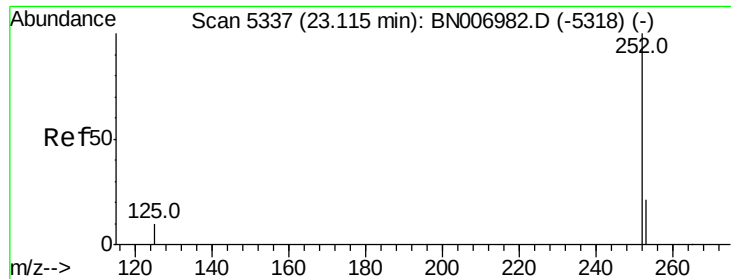


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 14.849 ng/ul

RT: 23.25 min Scan# 5383

Delta R.T. 0.13 min

Lab File: BN007011.D

Acq: 08 Aug 2019 05:40

Instrument :

BNA_N

ClientSampleId :

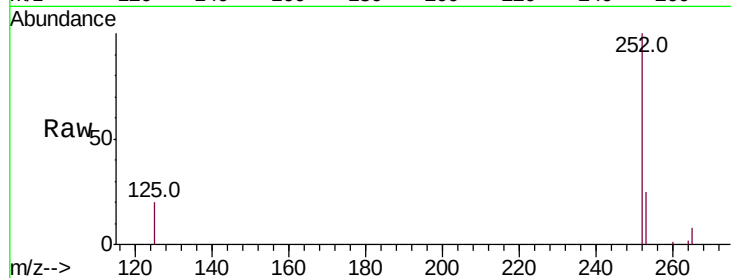
Tot Ion:252 Resp: 133939

Ion Ratio Lower Upper

252 100

253 24.8 18.0 27.0

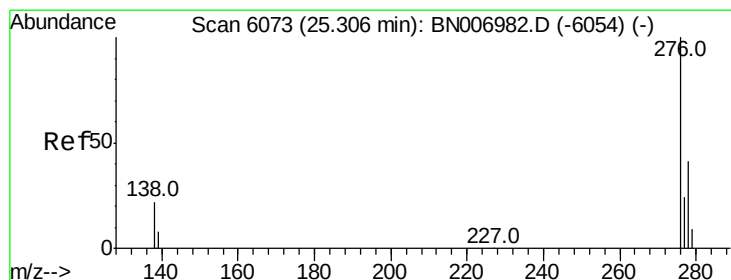
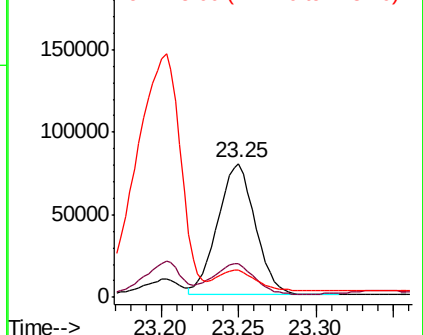
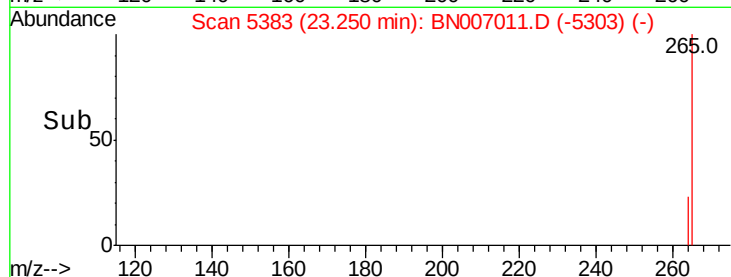
125 20.4 10.0 15.0#



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: 45.546 ng/ul

RT: 25.31 min Scan# 6073

Delta R.T. -0.00 min

Lab File: BN007011.D

Acq: 08 Aug 2019 05:40

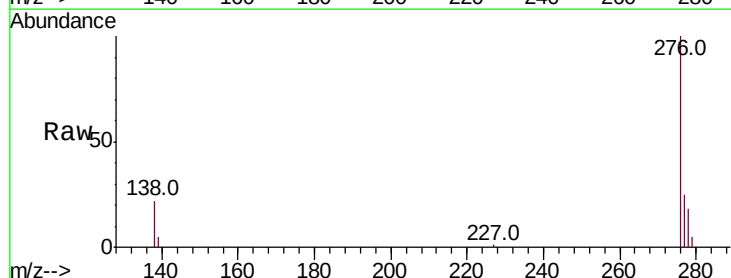
Tgt Ion:276 Resp: 442859

Ion Ratio Lower Upper

276 100

138 24.6 19.9 29.9

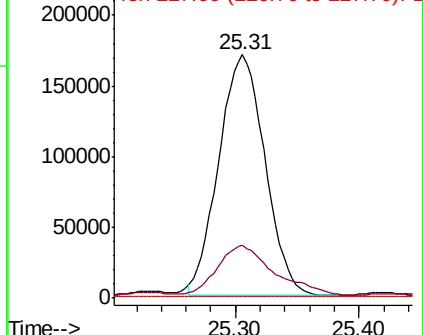
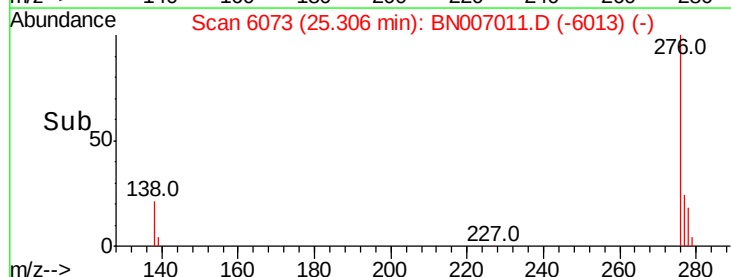
227 0.3 0.2 0.4

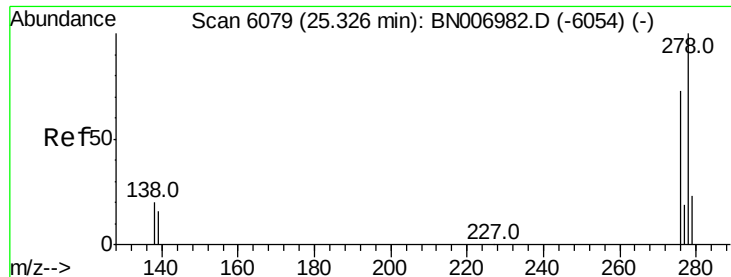


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



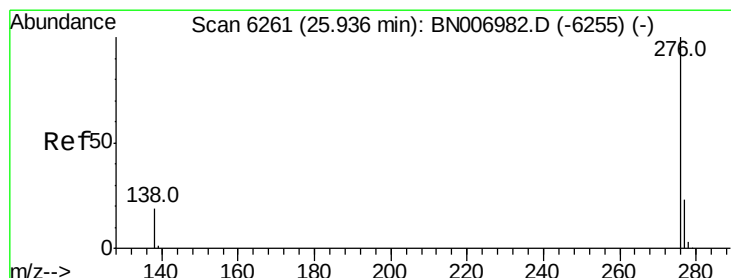
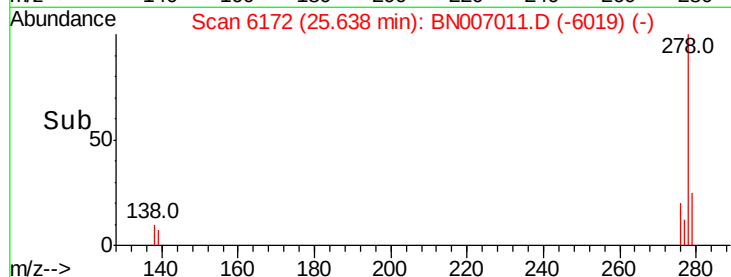
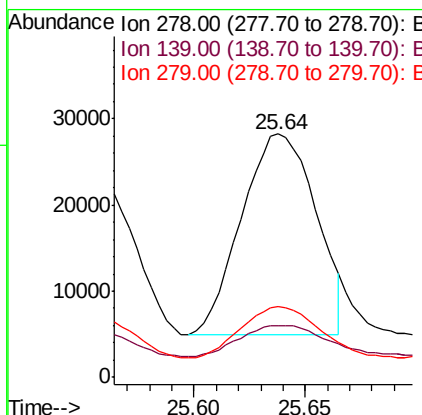
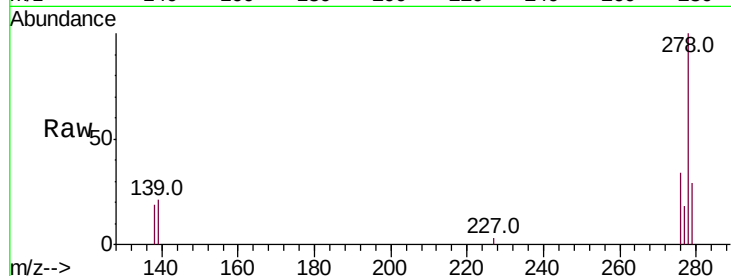


#25
Dibenzo(a,h)anthracene
Concen: 7.006 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. 0.31 min
Lab File: BN007011.D
Acq: 08 Aug 2019 05:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 54403

Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.3	21.5
279	28.8	19.6	29.4



#26
Benzo(g,h,i)perylene
Concen: 55.292 ng/ul
RT: 25.94 min Scan# 6263
Delta R.T. 0.01 min
Lab File: BN007011.D
Acq: 08 Aug 2019 05:40

Tgt Ion:276 Resp: 450946

Ion	Ratio	Lower	Upper
276	100		
138	21.7	18.7	28.1
277	24.2	19.3	28.9

