

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
 Data File : BN001026.D
 Acq On : 01 May 2018 12:42
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 02 07:16:05 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 01 01:47:00 2018
 Response via : Initial Calibration

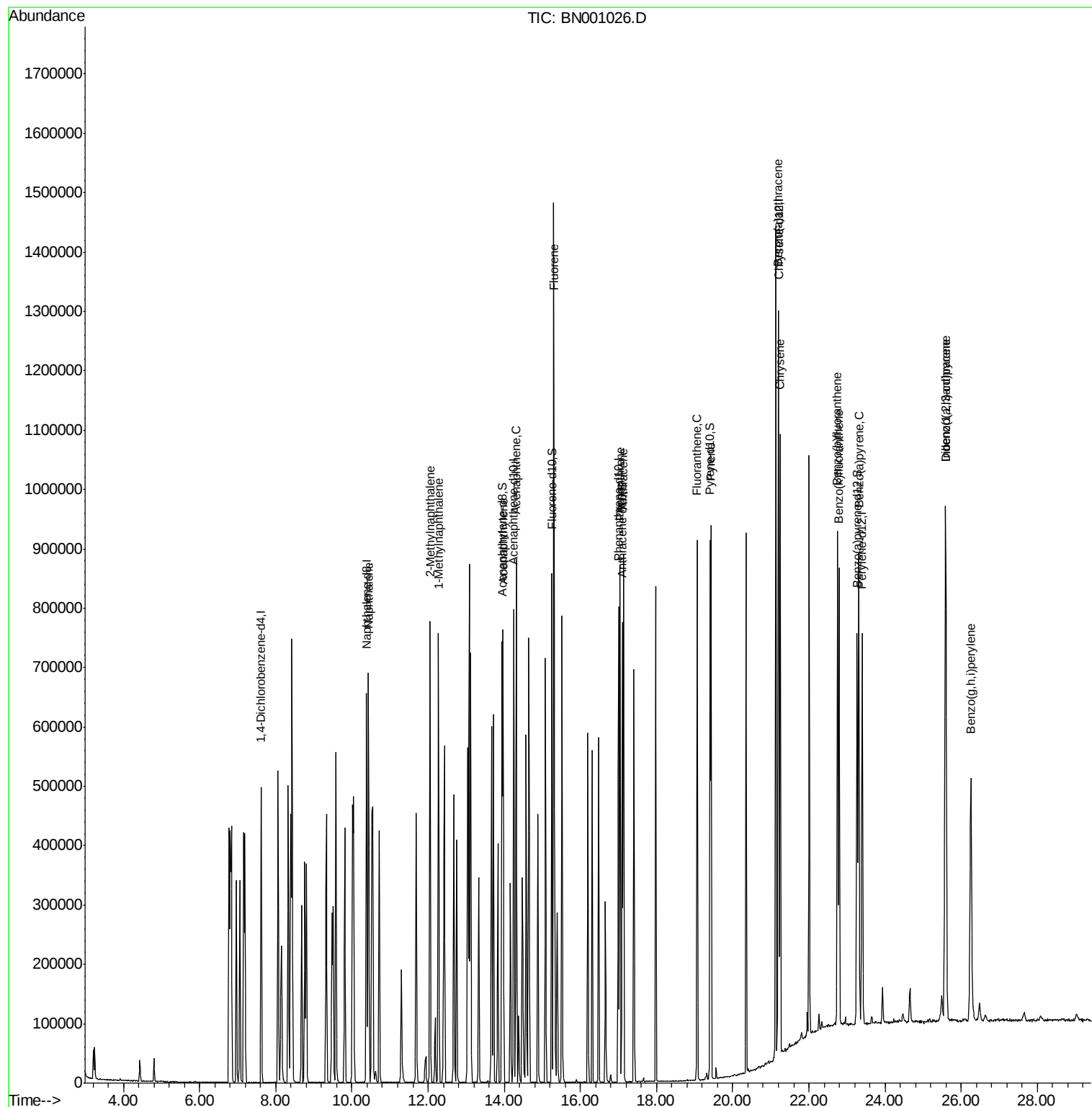
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	127337	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	529510	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	246555	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	441166	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	399300	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	416771	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	497820	21.02	ng/ul	0.00
10) Fluorene-d10	15.25	176	308639	19.53	ng/ul	0.00
14) Anthracene-d10	17.10	188	413757	20.51	ng/ul	0.00
18) Pyrene-d10	19.40	212	407228	19.90	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	406155	20.63	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	535648	20.072	ng/ul	100
4) 2-Methylnaphthalene	12.05	142	349179	19.611	ng/ul	99
5) 1-Methylnaphthalene	12.27	142	339525	19.441	ng/ul	94
8) Acenaphthylene	13.97	152	481215	20.533	ng/ul	98
9) Acenaphthene	14.32	153	328718	20.301	ng/ul	95
11) Fluorene	15.30	166	341633	19.819	ng/ul	93
13) Phenanthrene	17.05	178	481130	19.996	ng/ul	99
15) Anthracene	17.13	178	486459	20.156	ng/ul	99
16) Fluoranthene	19.07	202	499069	20.443	ng/ul#	94
19) Pyrene	19.43	202	497032	19.379	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	479848	20.103	ng/ul	99
21) Chrysene	21.25	228	448628	19.997	ng/ul	100
23) Benzo(b)fluoranthene	22.75	252	490938	20.728	ng/ul#	97
24) Benzo(k)fluoranthene	22.79	252	473740	20.441	ng/ul#	97
26) Benzo(a)pyrene	23.31	252	458680	20.264	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.59	276	549303	20.091	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.60	278	459080	20.147	ng/ul#	96
29) Benzo(a,h,i)perylene	26.25	276	452710	19.798	ng/ul#	92

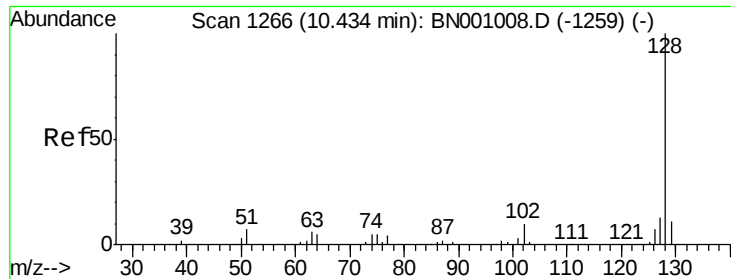
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 02 07:16:05 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 01 01:47:00 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 20.072 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

Instrument :

BNA_N

ClientSampleId :

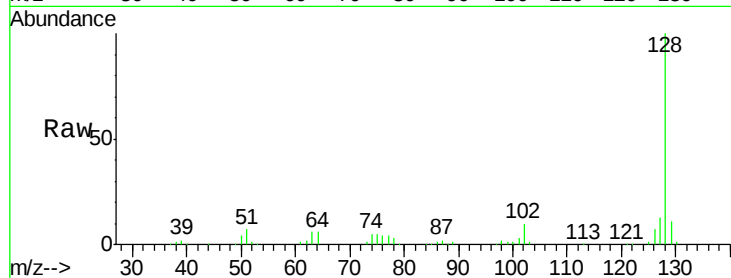
Tot Ion:128 Resp: 535648

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

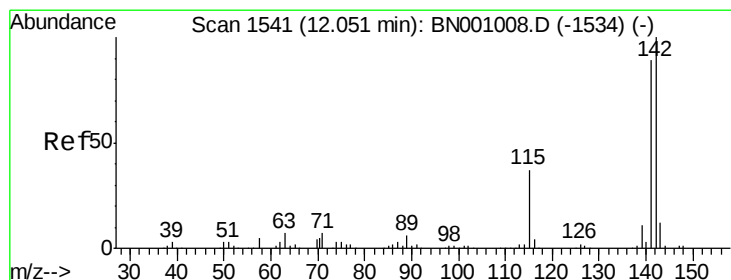
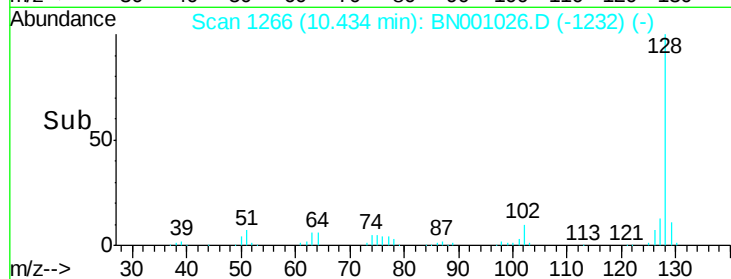
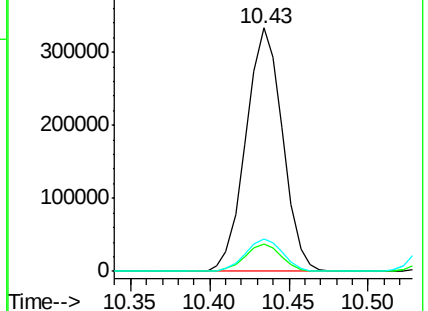
127 13.1 10.6 16.0



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



#4

2-Methylnaphthalene

Concen: 19.611 ng/ul

RT: 12.05 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BN001026.D

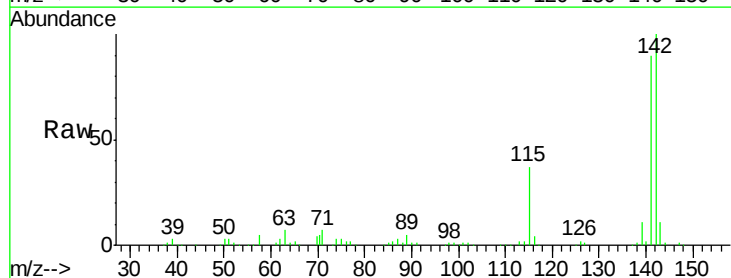
Acq: 01 May 2018 12:42

Tgt Ion:142 Resp: 349179

Ion Ratio Lower Upper

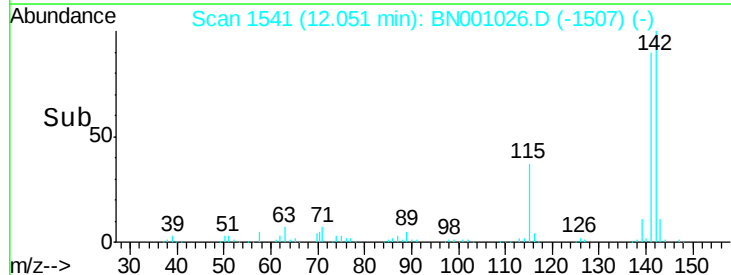
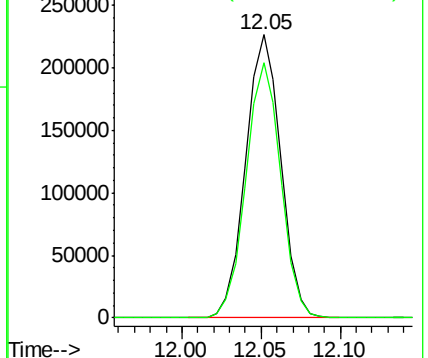
142 100

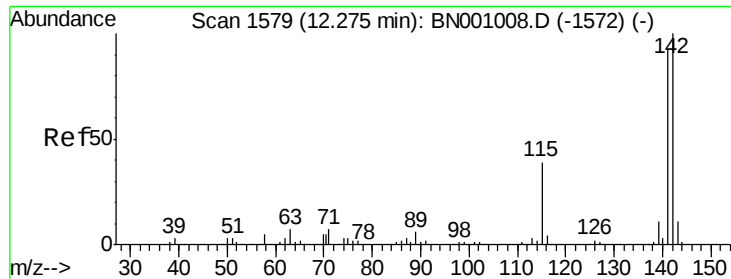
141 90.2 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 19.441 ng/ul

RT: 12.27 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

Instrument :

BNA_N

ClientSampled :

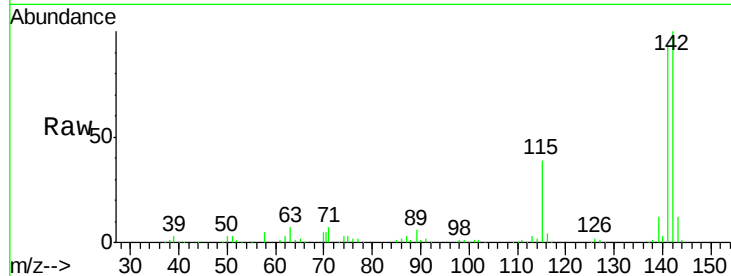
Tot Ion:142 Resp: 339525

Ion Ratio Lower Upper

142 100

141 93.0 79.3 118.9

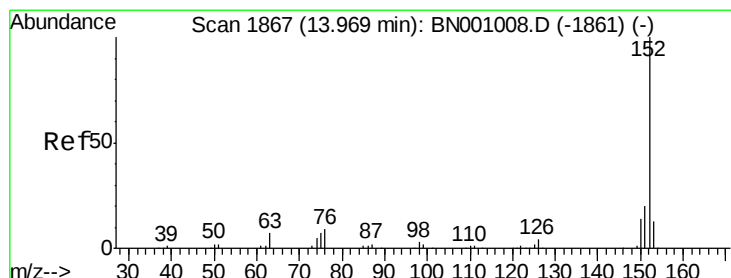
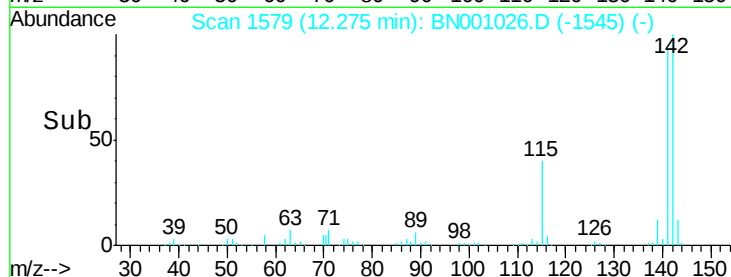
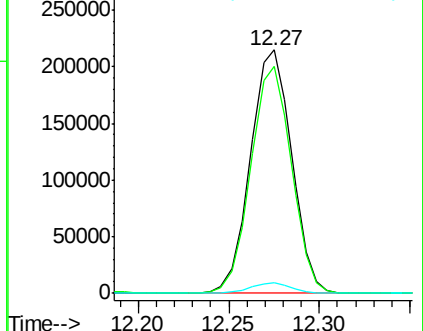
116 4.2 4.2 6.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#8

Acenaphthylene

Concen: 20.533 ng/ul

RT: 13.97 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

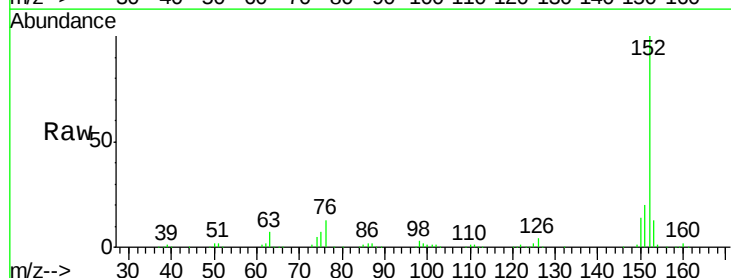
Tgt Ion:152 Resp: 481215

Ion Ratio Lower Upper

152 100

151 20.2 16.7 25.1

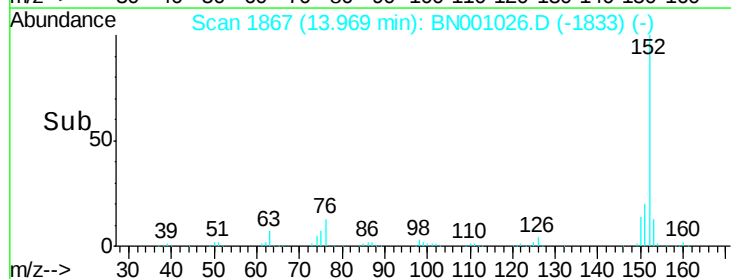
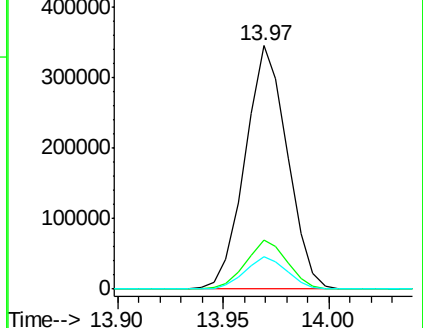
153 13.4 10.2 15.4

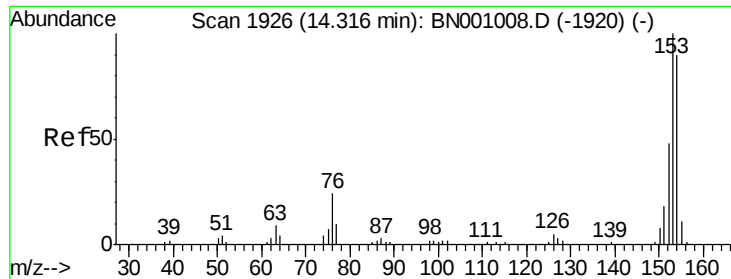


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Acenaphthene

Concen: 20.301 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

Instrument :

BNA_N

ClientSampleId :

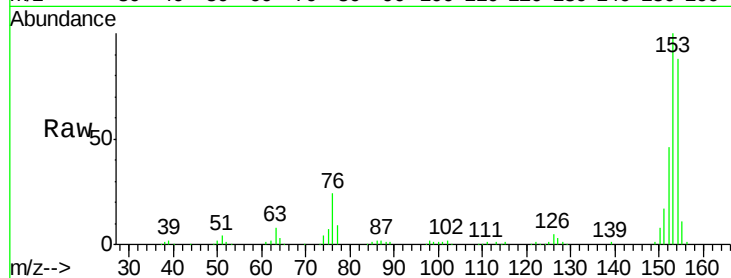
Tot Ion:153 Resp: 328718

Ion Ratio Lower Upper

153 100

152 46.5 39.0 58.6

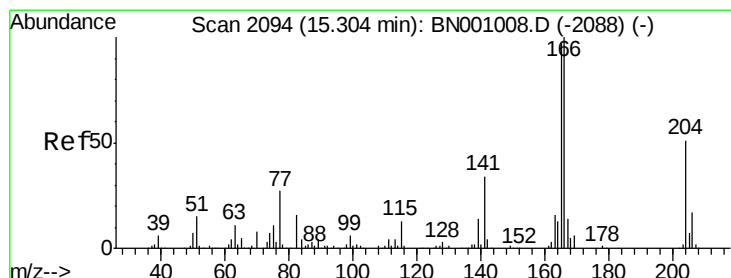
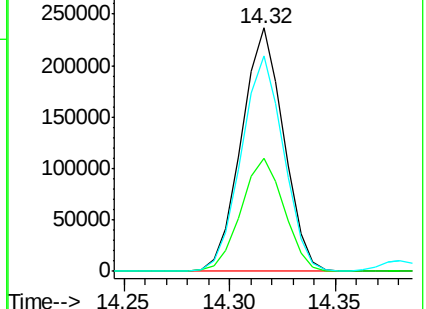
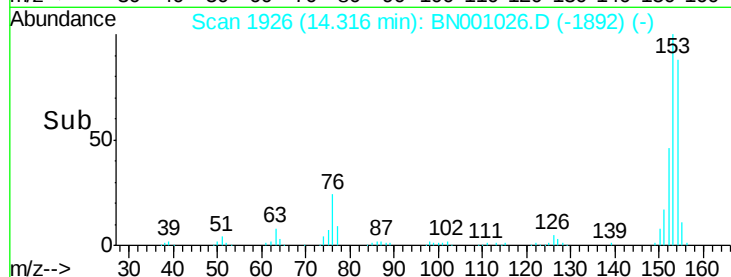
154 88.3 66.8 100.2



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



#11

Fluorene

Concen: 19.819 ng/ul

RT: 15.30 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

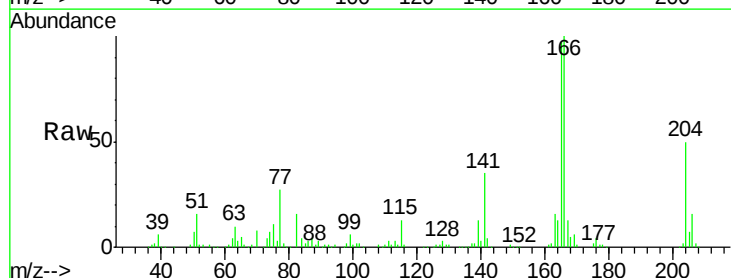
Tgt Ion:166 Resp: 341633

Ion Ratio Lower Upper

166 100

165 97.0 83.8 125.8

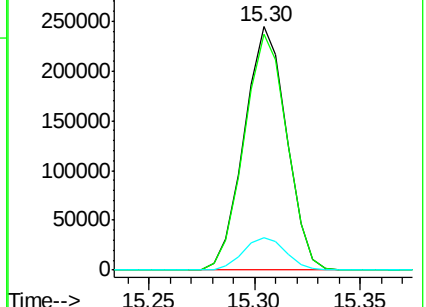
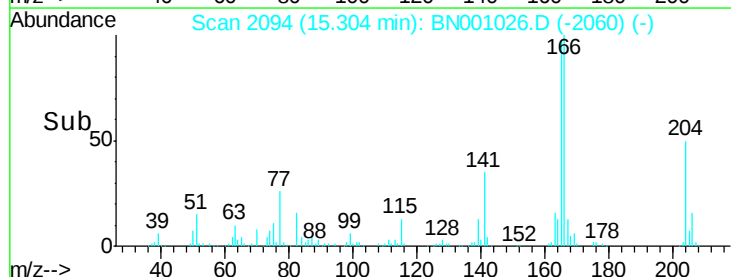
167 13.4 11.5 17.3

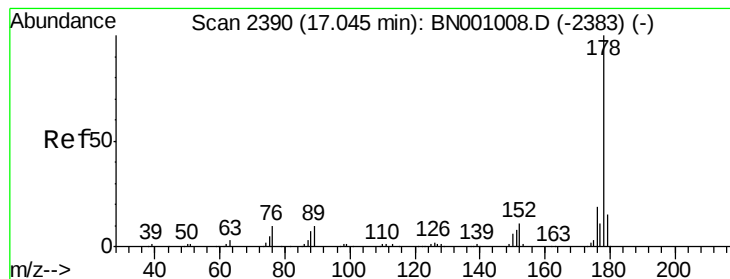


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Phenanthrene

Concen: 19.996 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

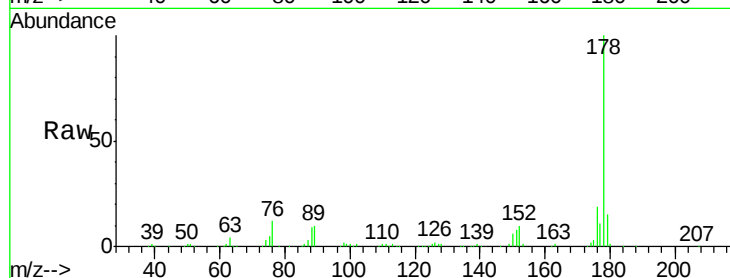
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 481130

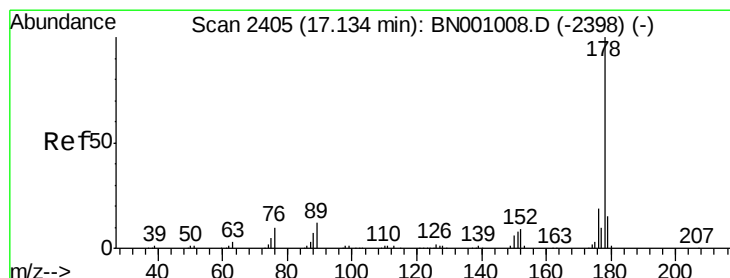
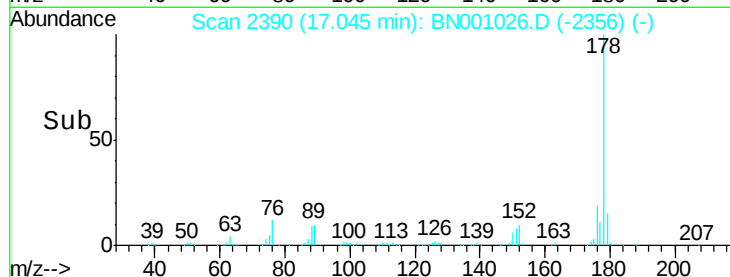
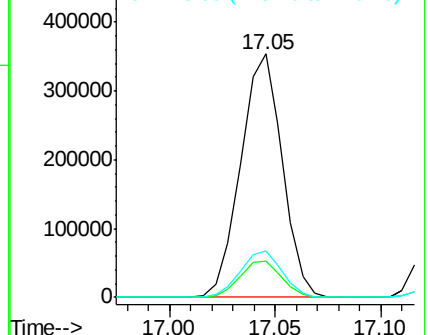
Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	19.3	15.1	22.7



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



#15

Anthracene

Concen: 20.156 ng/ul

RT: 17.13 min Scan# 2405

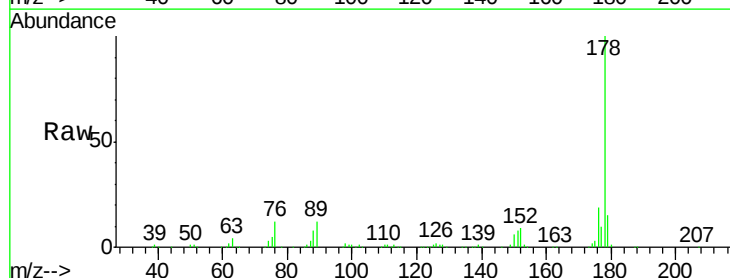
Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

Tgt Ion:178 Resp: 486459

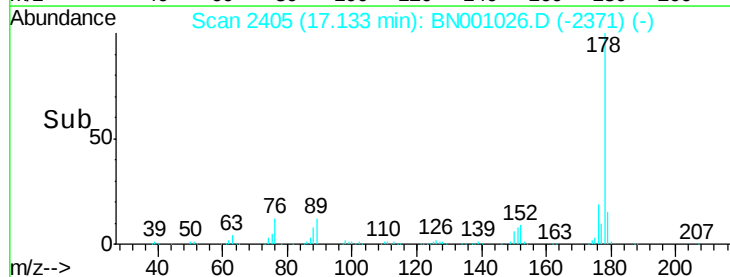
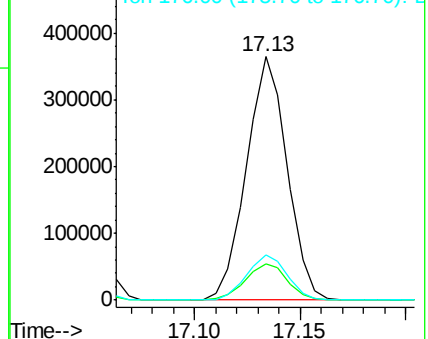
Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	18.8	15.2	22.8

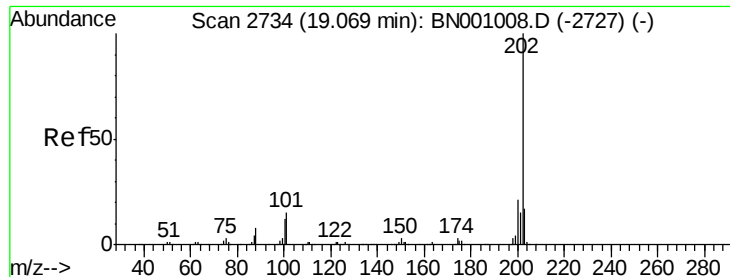


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

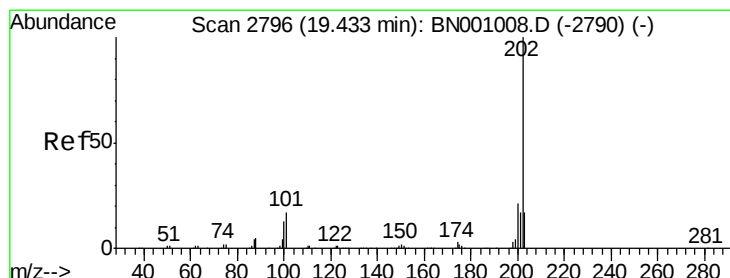
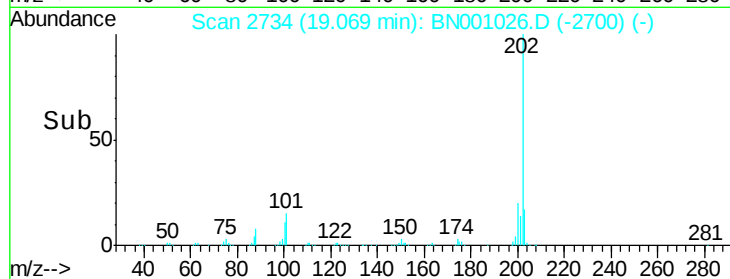
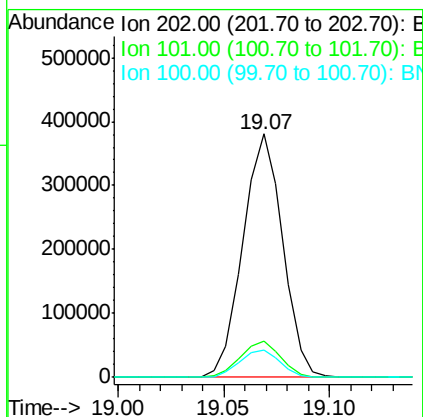
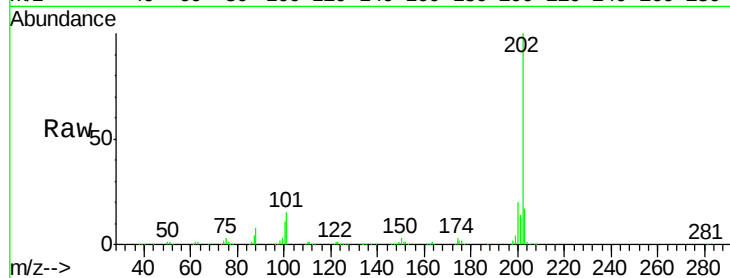




#16
 Fluoranthene
 Concen: 20.443 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: BN001026.D
 Acq: 01 May 2018 12:42

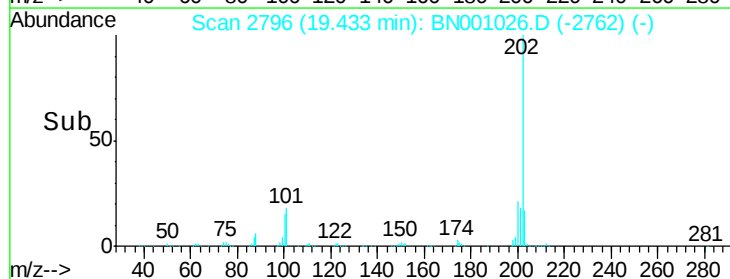
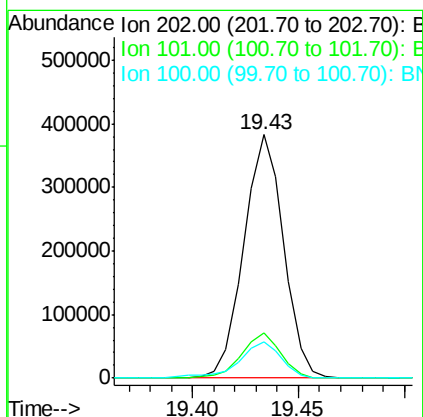
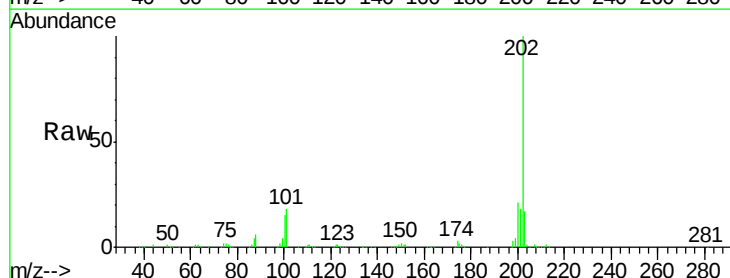
Instrument :
 BNA_N
 ClientSampleId :

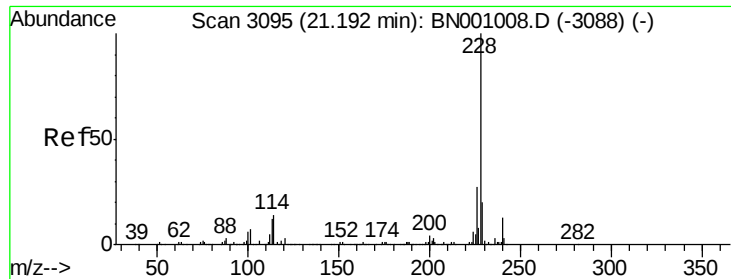
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.9	14.9
100	11.4	7.4	11.0#



#19
 Pyrene
 Concen: 19.379 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. -0.00 min
 Lab File: BN001026.D
 Acq: 01 May 2018 12:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.5	11.0	16.4#
100	14.9	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 20.103 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

Instrument :

BNA_N

ClientSampled :

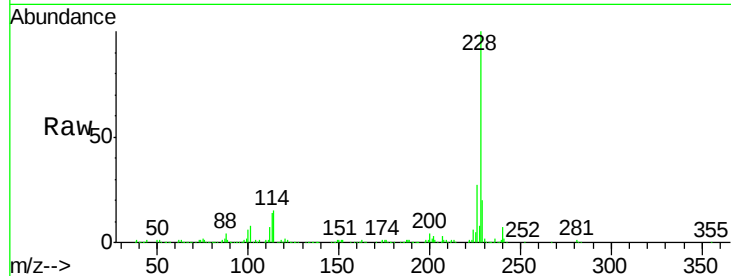
Tot Ion:228 Resp: 479848

Ion Ratio Lower Upper

228 100

229 19.8 15.7 23.5

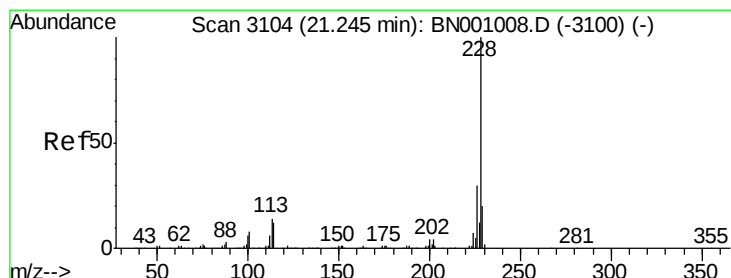
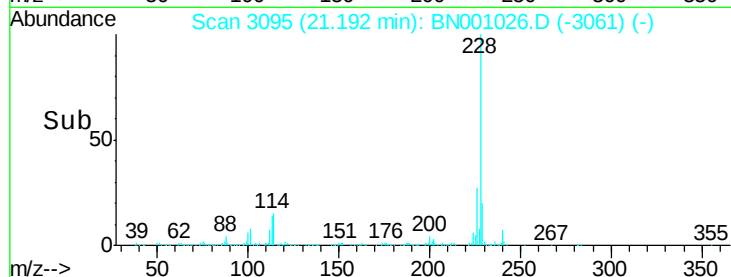
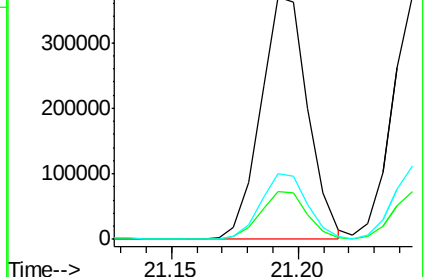
226 27.3 21.1 31.7



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



#21

Chrysene

Concen: 19.997 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

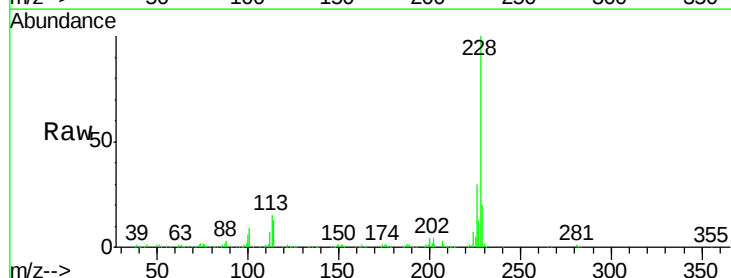
Tgt Ion:228 Resp: 448628

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

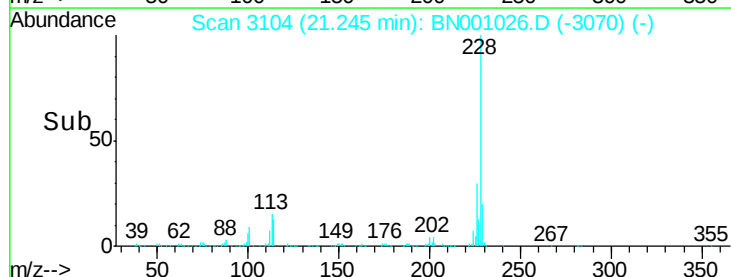
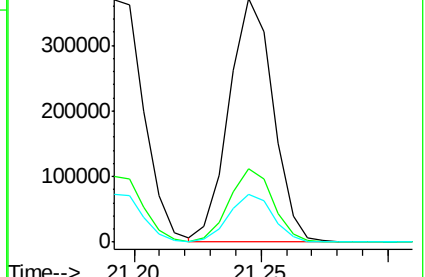
229 19.8 15.8 23.8

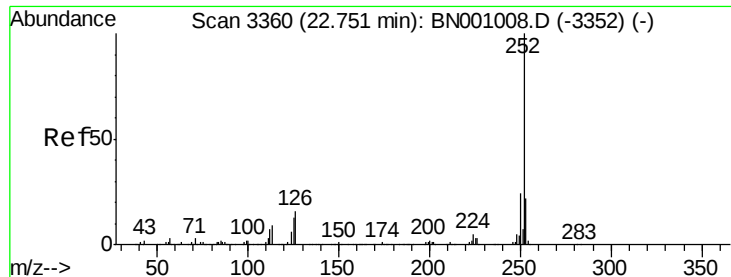


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 20.728 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

Instrument :

BNA_N

ClientSampleId :

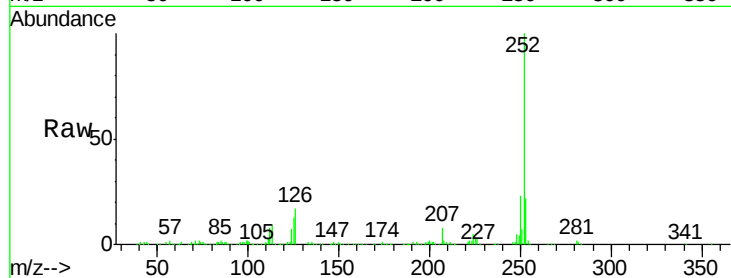
Tot Ion:252 Resp: 490938

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

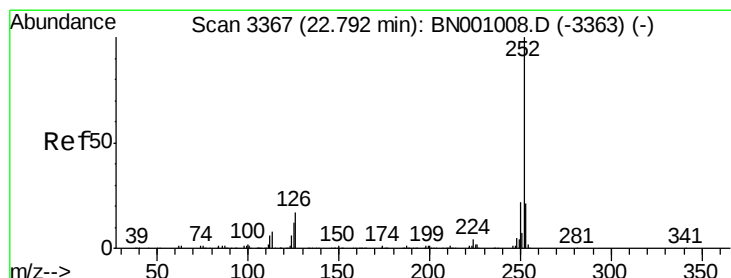
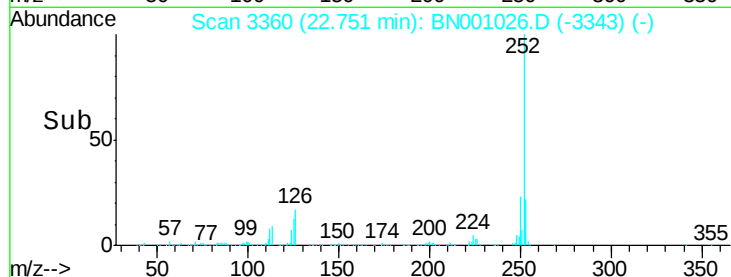
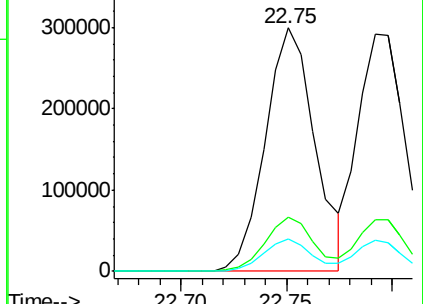
125 13.1 8.0 12.0#



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

Benzo(k)fluoranthene

Concen: 20.441 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

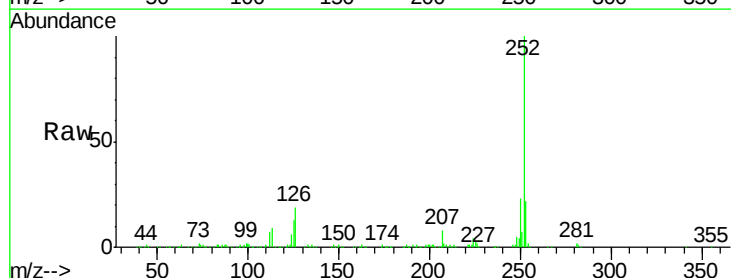
Tgt Ion:252 Resp: 473740

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

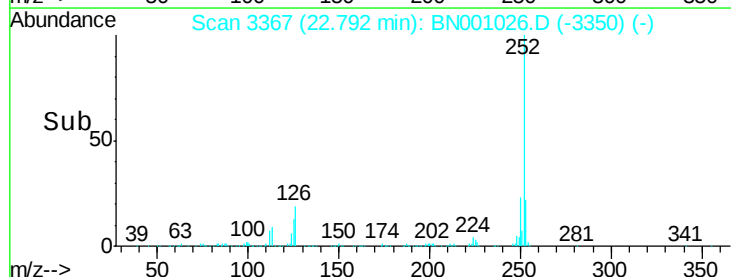
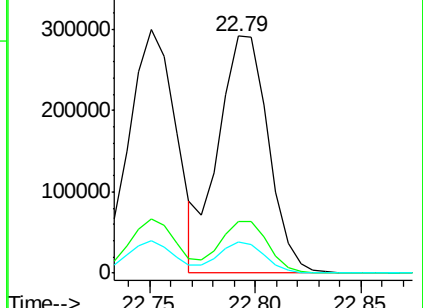
125 13.2 8.1 12.1#

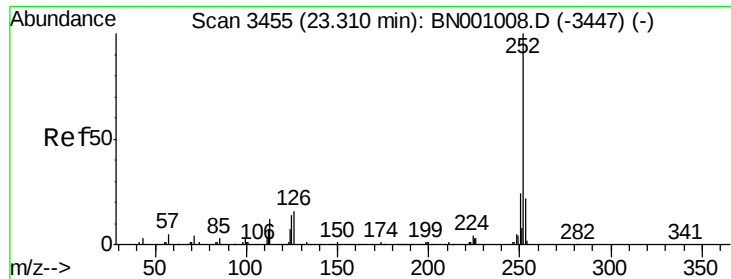


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 20.264 ng/u1

RT: 23.31 min Scan# 3455

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

Instrument :

BNA_N

ClientSampleId :

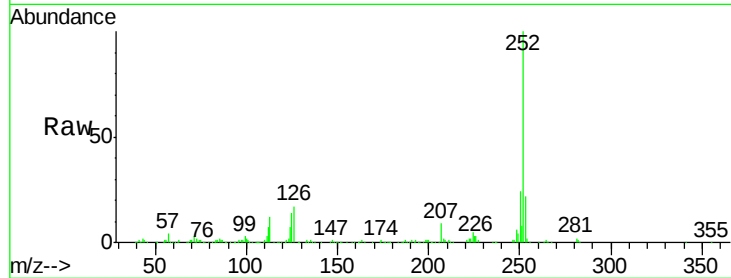
Tot Ion:252 Resp: 458680

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

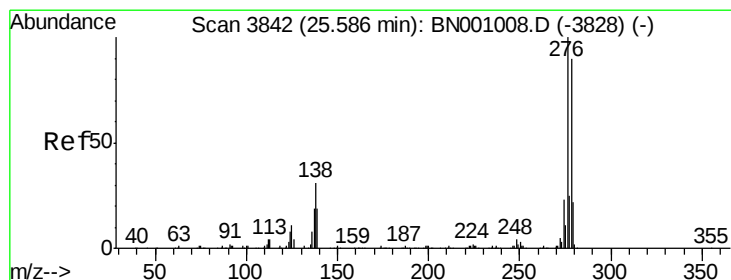
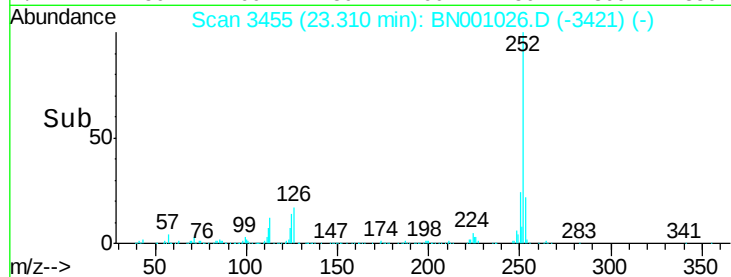
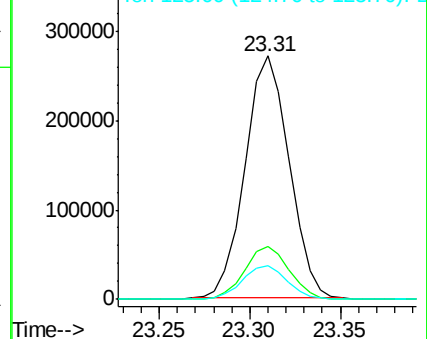
125 13.7 8.2 12.4#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 20.091 ng/u1

RT: 25.59 min Scan# 3842

Delta R.T. -0.00 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

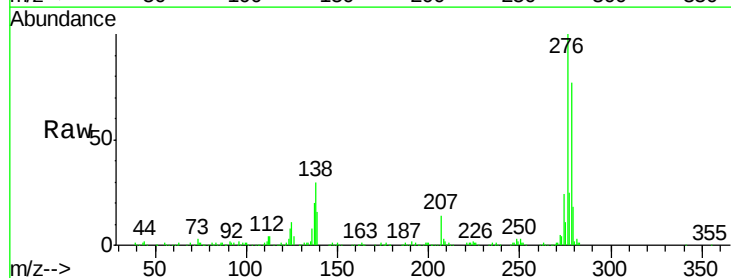
Tgt Ion:276 Resp: 549303

Ion Ratio Lower Upper

276 100

138 30.0 14.4 21.6#

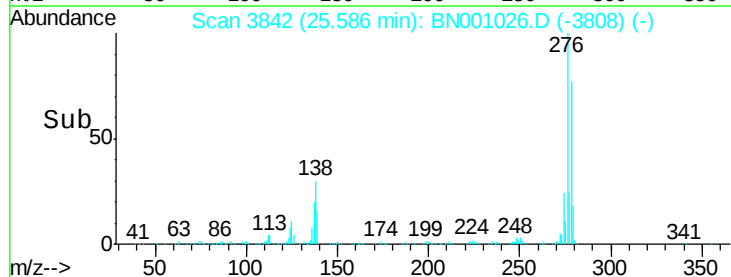
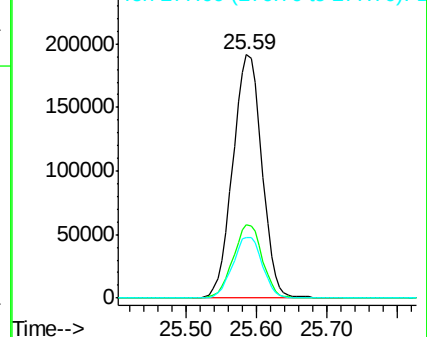
277 25.1 18.0 27.0

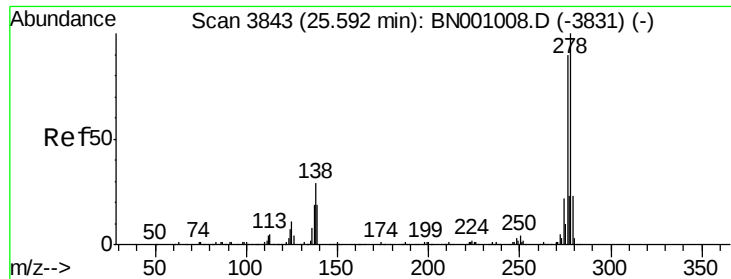


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 20.147 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. 0.01 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

Instrument :

BNA_N

ClientSampleId :

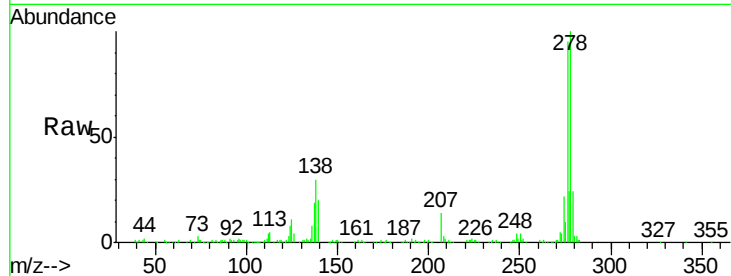
Tot Ion:278 Resp: 459080

Ion Ratio Lower Upper

278 100

139 19.7 12.2 18.4#

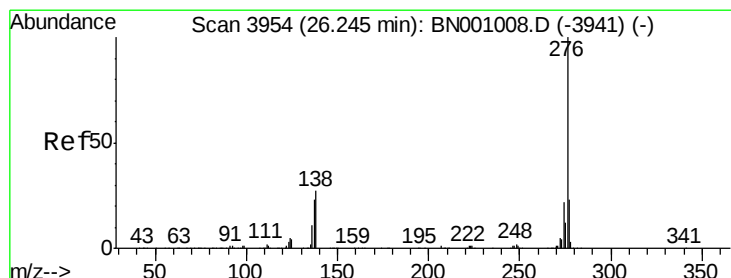
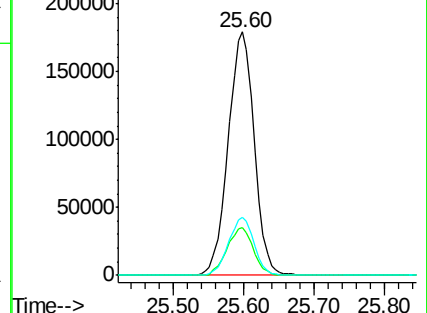
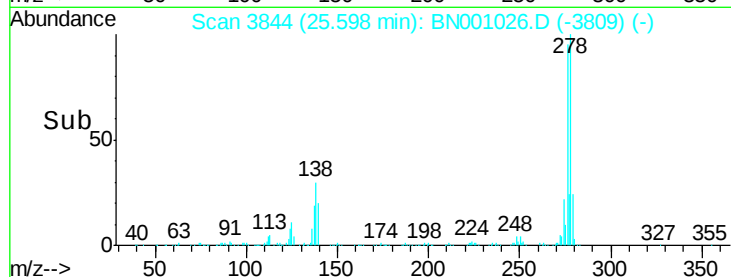
279 23.8 19.2 28.8



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



#29

Benzo(g,h,i)perylene

Concen: 19.798 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. 0.01 min

Lab File: BN001026.D

Acq: 01 May 2018 12:42

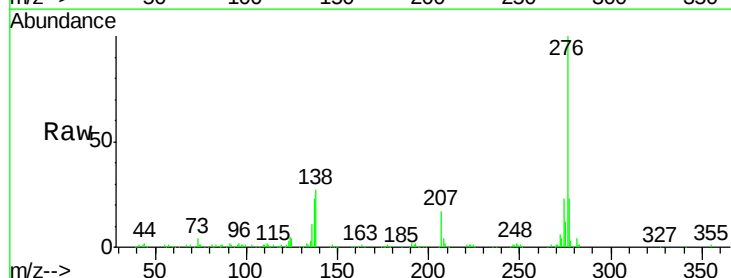
Tgt Ion:276 Resp: 452710

Ion Ratio Lower Upper

276 100

138 27.0 15.3 22.9#

277 23.4 19.0 28.4



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

