

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002490.D
 Acq On : 24 Aug 2018 05:32
 Operator : JU/SJ
 Sample : J4424-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 06:37:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 02:20:09 2018
 Response via : Initial Calibration

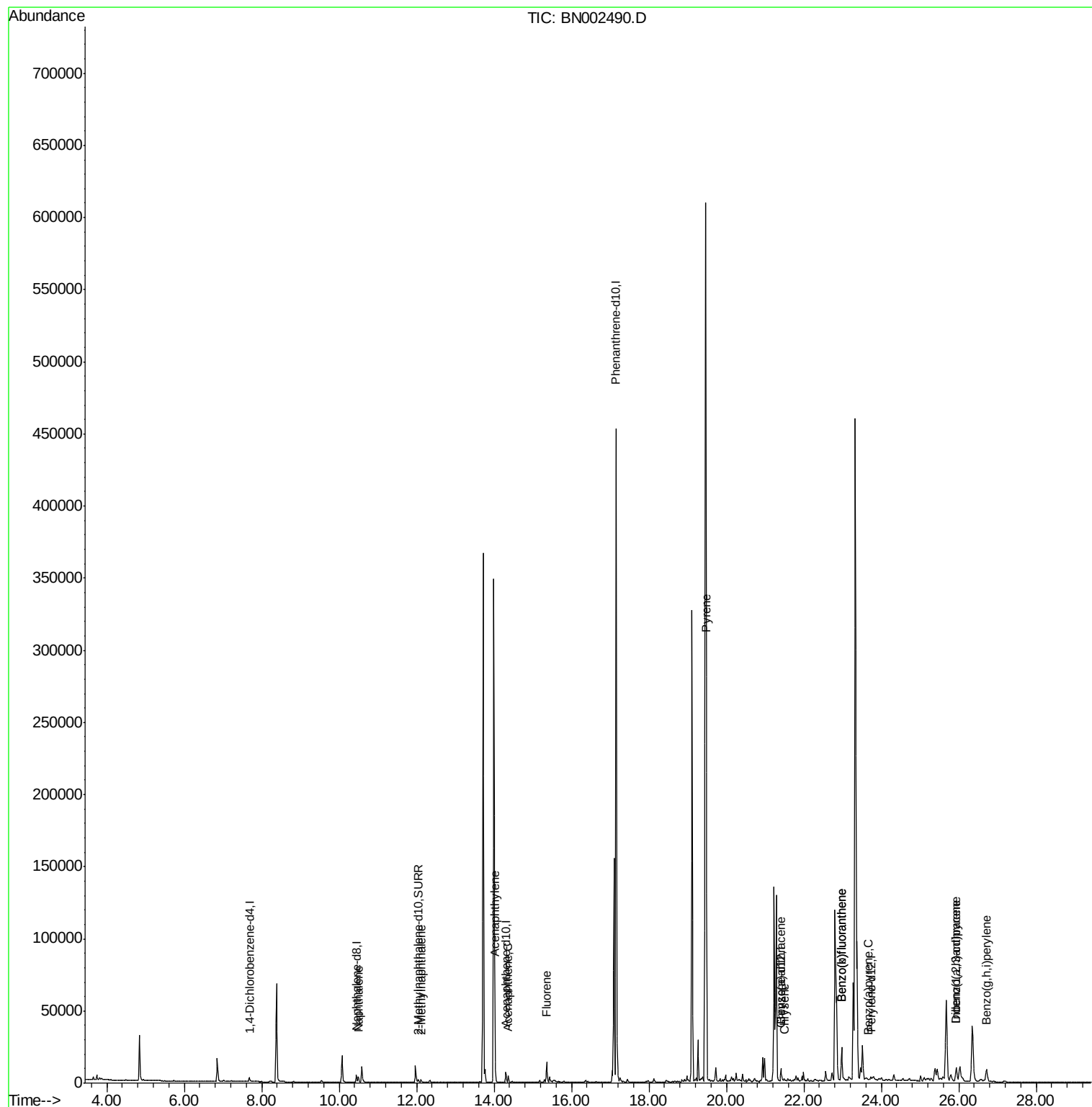
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1664	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	6974	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	4084	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	523104	0.40	ng/ul	0.09
16) Chrysene-d12	21.42	240	66	0.40	ng/ul	0.17
20) Perylene-d12	23.73	264	1041	0.40	ng/ul	0.25
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	2610	0.24	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.49	128	5378	0.299	ng/ul#	96
5) 2-Methylnaphthalene	12.12	142	1585	0.127	ng/ul	99
7) Acenaphthylene	14.02	152	25377	1.327	ng/ul	95
8) Acenaphthene	14.37	153	2543	0.174	ng/ul#	94
9) Fluorene	15.36	166	9443	0.565	ng/ul	94
17) Pyrene	19.48	202	227384	1010.137	ng/ul	96
18) Benzo(a)anthracene	21.40	228	8308	42.093	ng/ul#	54
19) Chrysene	21.49	228	448	2.007	ng/ul#	1
21) Benzo(b)fluoranthene	22.98	252	30326	8.109	ng/ul	92
22) Benzo(k)fluoranthene	22.98	252	28942	7.491	ng/ul	94
23) Benzo(a)pyrene	23.66	252	283	0.081	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.93	276	3535	0.965	ng/ul#	68
25) Dibenzo(a,h)anthracene	25.94	278	13395	4.638	ng/ul	94
26) Benzo(g,h,i)perylene	26.72	276	16353	5.210	ng/ul#	92

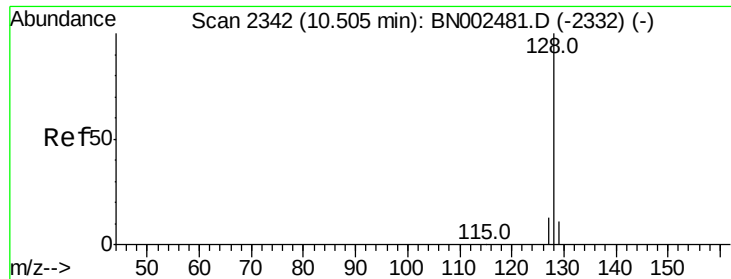
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002490.D
Acq On : 24 Aug 2018 05:32
Operator : JU/SJ
Sample : J4424-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 24 06:37:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 02:20:09 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.299 ng/ul

RT: 10.49 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BN002490.D

Acq: 24 Aug 2018 05:32

Instrument :

BNA_N

ClientSampleId :

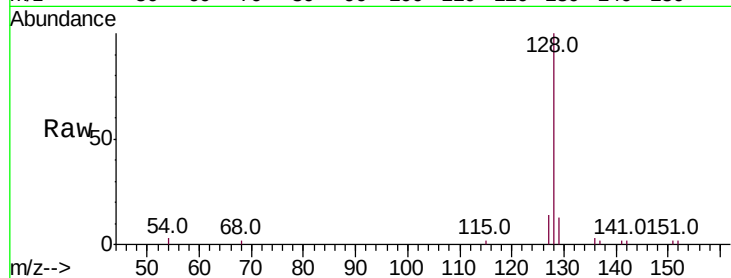
Tot Ion:128 Resp: 5378

Ion Ratio Lower Upper

128 100

129 12.9 8.0 12.0#

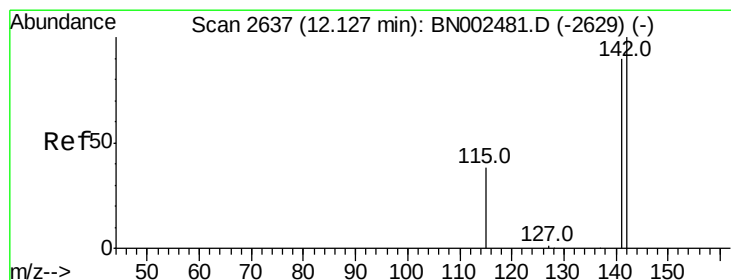
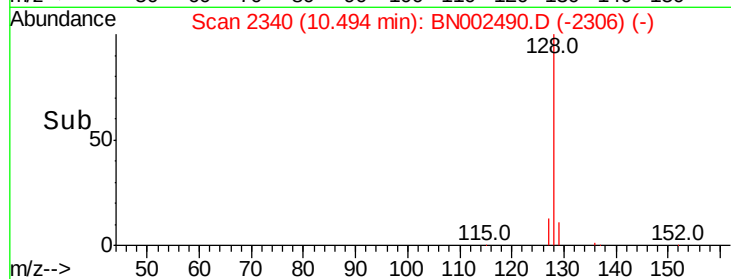
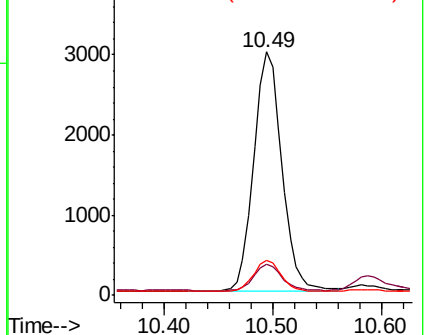
127 14.3 12.0 18.0



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



#5

2-Methylnaphthalene

Concen: 0.127 ng/ul

RT: 12.12 min Scan# 2636

Delta R.T. -0.01 min

Lab File: BN002490.D

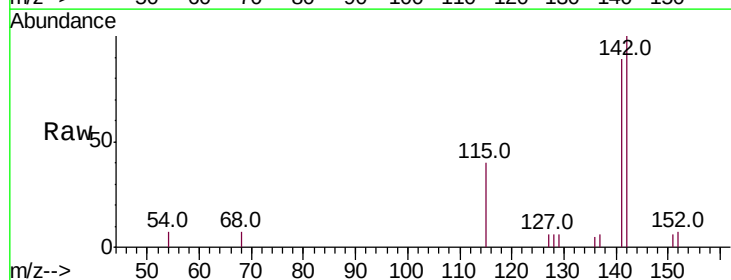
Acq: 24 Aug 2018 05:32

Tgt Ion:142 Resp: 1585

Ion Ratio Lower Upper

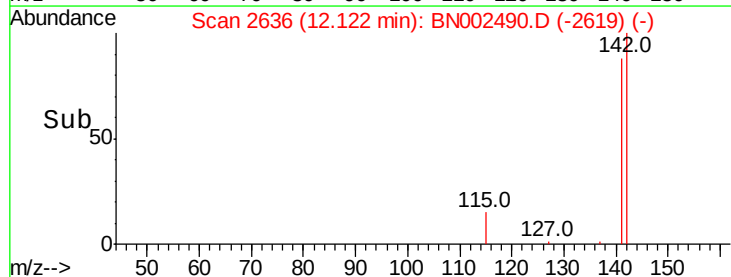
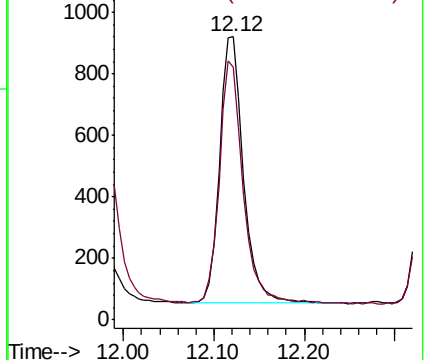
142 100

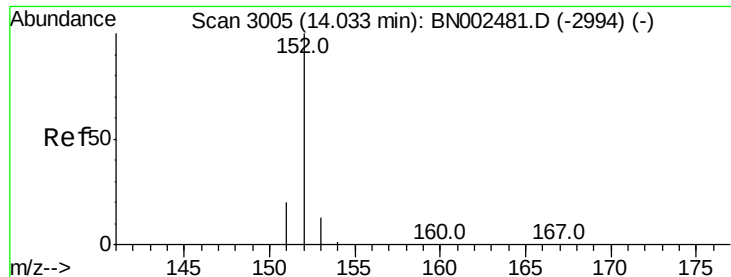
141 91.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.327 ng/ul

RT: 14.02 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BN002490.D

Acq: 24 Aug 2018 05:32

Instrument :

BNA_N

ClientSampleId :

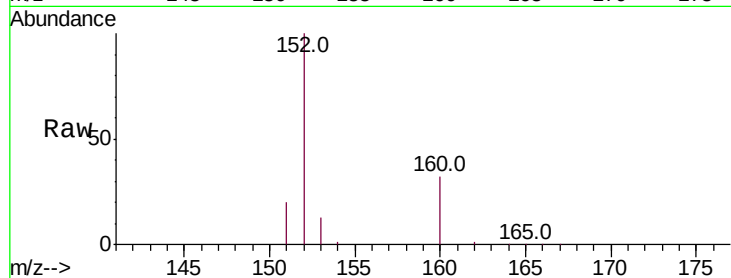
Tot Ion:152 Resp: 25377

Ion Ratio Lower Upper

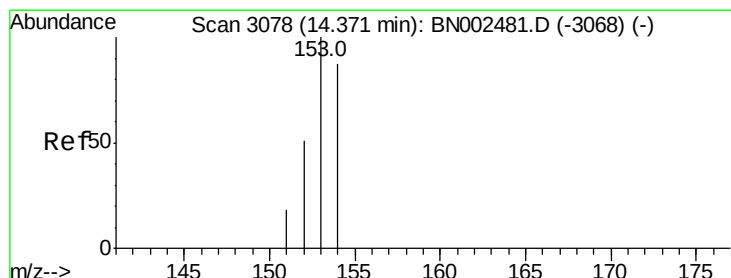
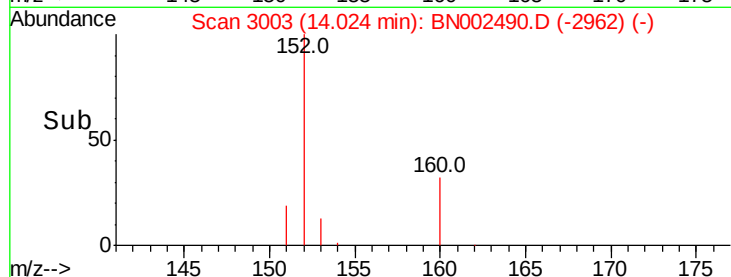
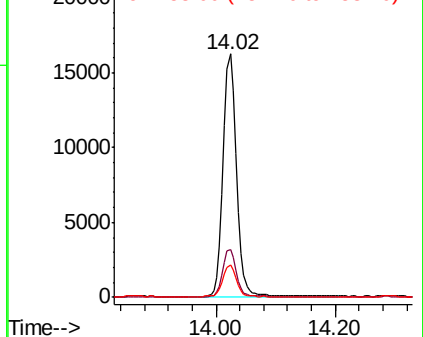
152 100

151 19.7 17.1 25.7

153 13.4 12.8 19.2



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: 0.174 ng/ul

RT: 14.37 min Scan# 3077

Delta R.T. -0.00 min

Lab File: BN002490.D

Acq: 24 Aug 2018 05:32

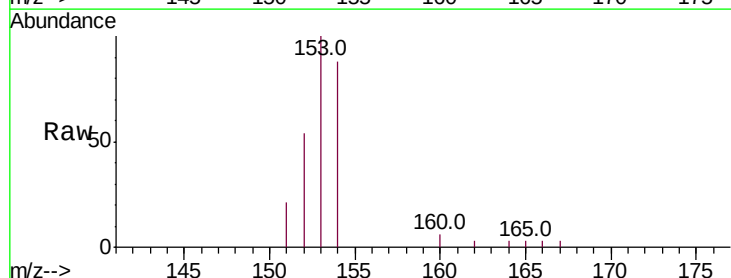
Tgt Ion:153 Resp: 2543

Ion Ratio Lower Upper

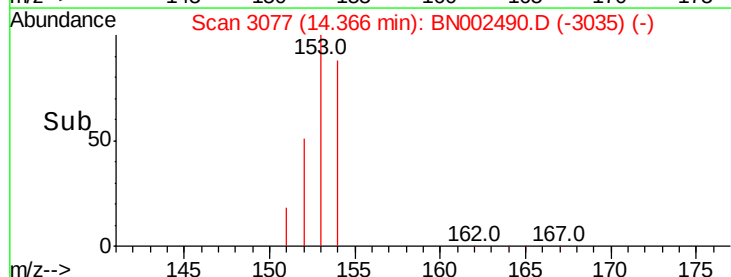
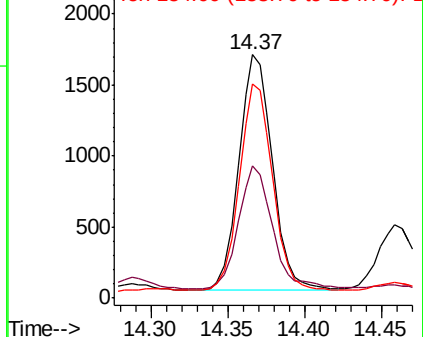
153 100

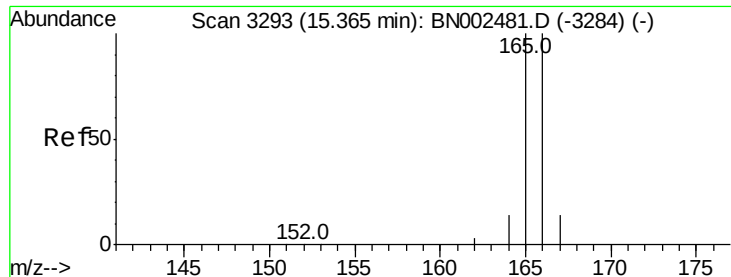
152 54.2 36.0 54.0#

154 87.7 72.0 108.0



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

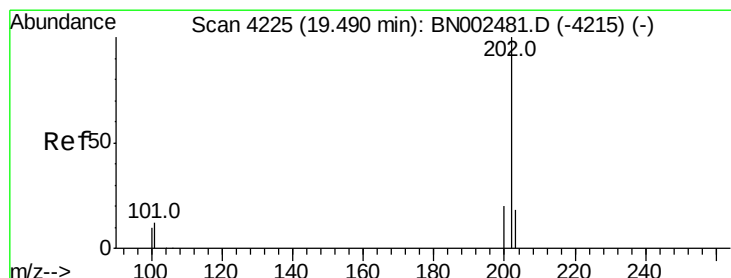
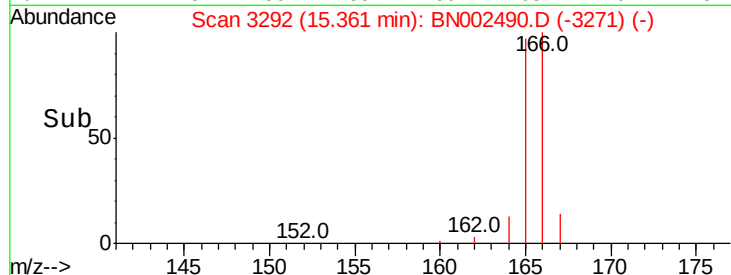
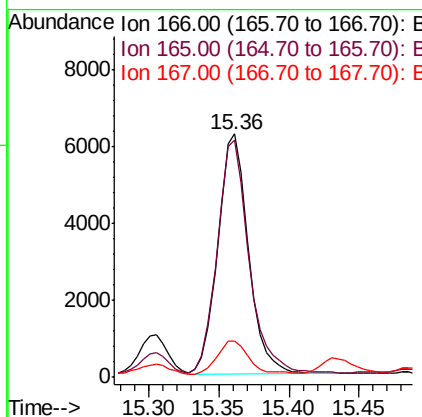
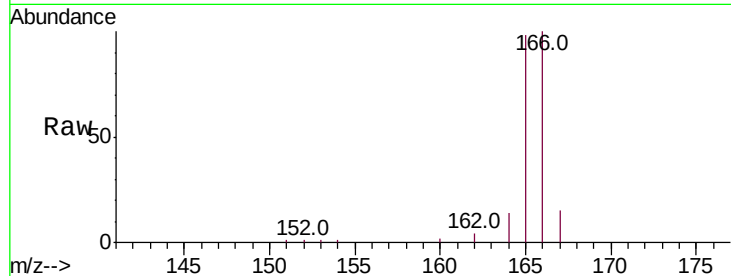




#9
Fluorene
 Concen: 0.565 ng/ul
 RT: 15.36 min Scan# 3292
 Delta R.T. -0.00 min
 Lab File: BN002490.D
 Acq: 24 Aug 2018 05:32

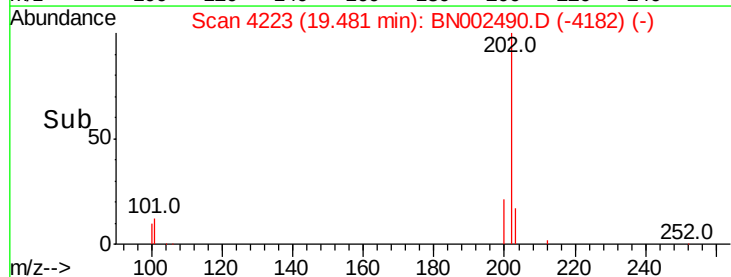
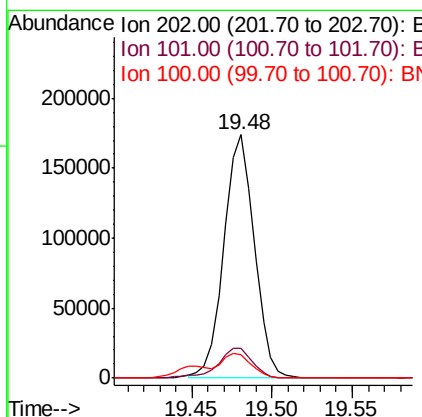
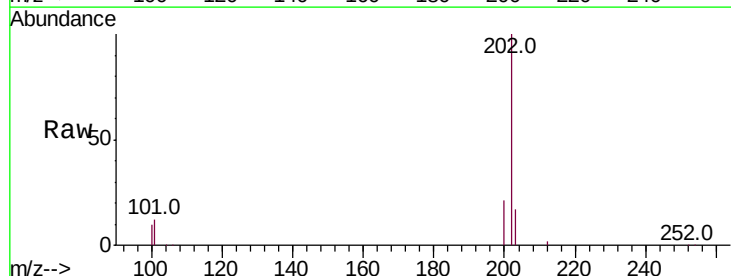
Instrument :
 BNA_N
 ClientSampleId :

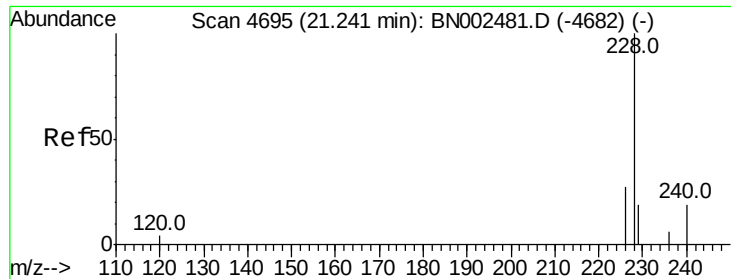
Tot Ion:166 Resp: 9443
 Ion Ratio Lower Upper
 166 100
 165 97.5 73.4 110.2
 167 15.0 14.6 22.0



#17
Pyrene
 Concen: 1010.137 ng/ul
 RT: 19.48 min Scan# 4223
 Delta R.T. -0.01 min
 Lab File: BN002490.D
 Acq: 24 Aug 2018 05:32

Tgt Ion:202 Resp: 227384
 Ion Ratio Lower Upper
 202 100
 101 12.1 12.0 18.0
 100 9.7 8.0 12.0

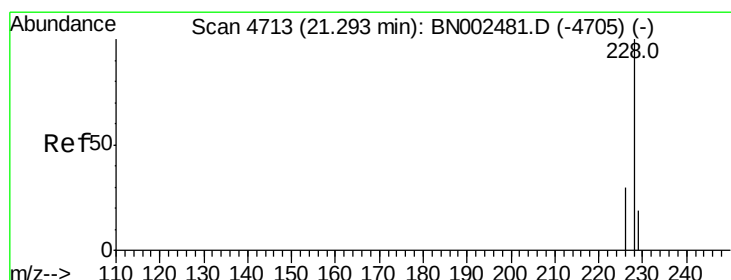
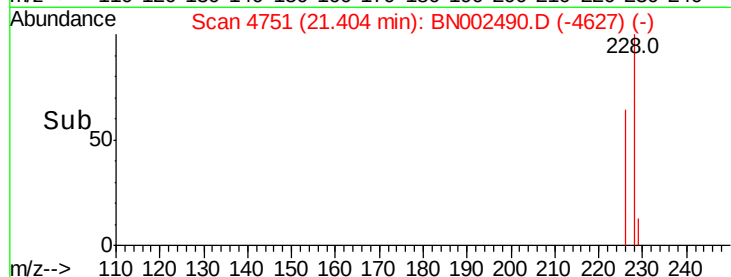
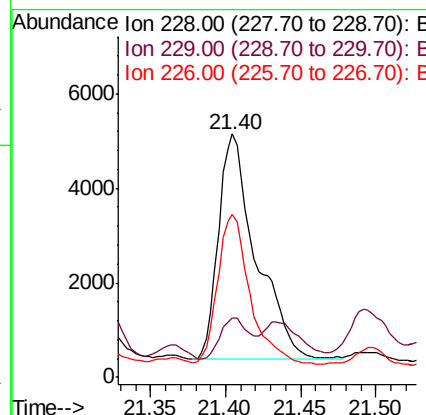
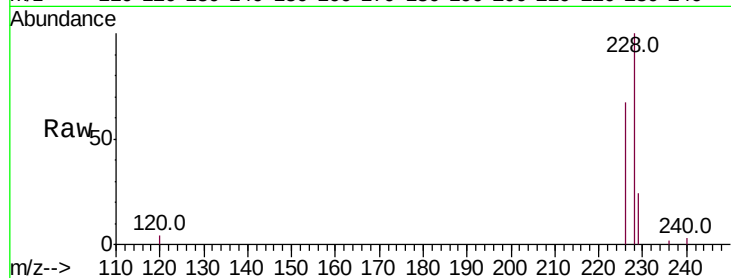




#18
Benzo(a)anthracene
Concen: 42.093 ng/ul
RT: 21.40 min Scan# 4751
Delta R.T. 0.16 min
Lab File: BN002490.D
Acq: 24 Aug 2018 05:32

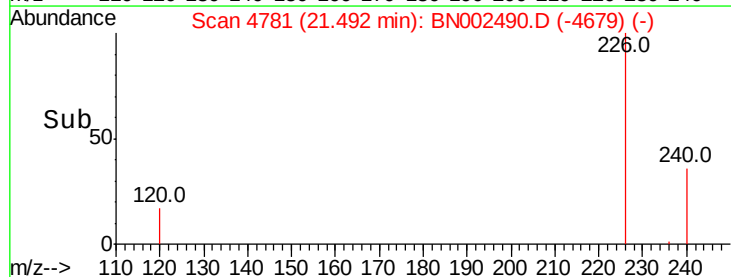
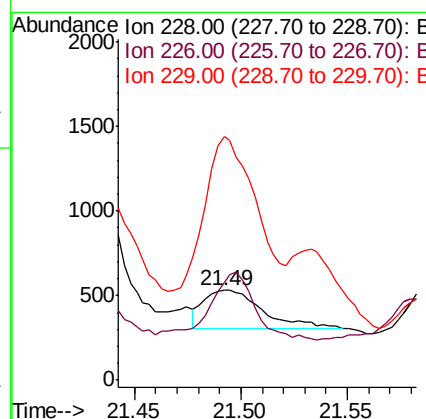
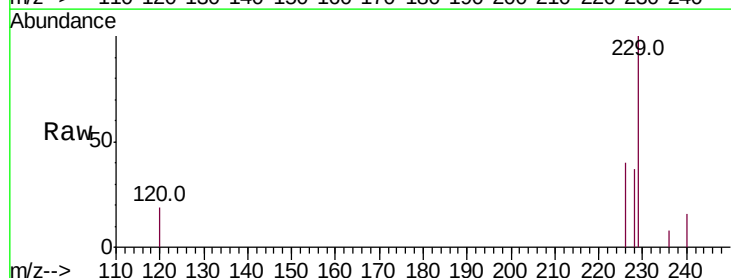
Instrument :
BNA_N
ClientSampleId :

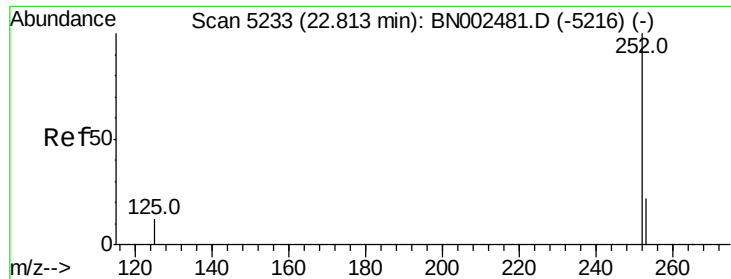
Tot Ion:228 Resp: 8308
Ion Ratio Lower Upper
228 100
229 24.4 22.8 34.2
226 67.1 17.0 25.6#



#19
Chrysene
Concen: 2.007 ng/ul
RT: 21.49 min Scan# 4781
Delta R.T. 0.20 min
Lab File: BN002490.D
Acq: 24 Aug 2018 05:32

Tgt Ion:228 Resp: 448
Ion Ratio Lower Upper
228 100
226 108.5 23.4 35.0#
229 270.7 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 8.109 ng/ul

RT: 22.98 min Scan# 5289

Delta R.T. 0.16 min

Lab File: BN002490.D

Acq: 24 Aug 2018 05:32

Instrument :

BNA_N

ClientSampleId :

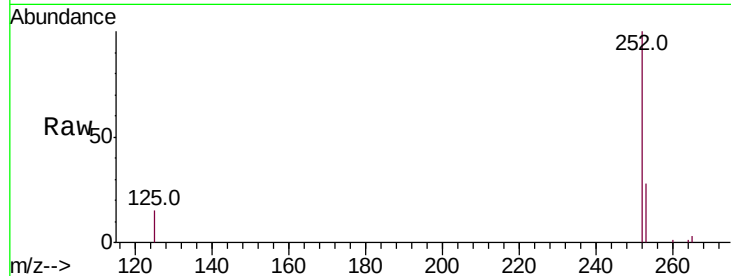
Tot Ion:252 Resp: 30326

Ion Ratio Lower Upper

252 100

253 27.6 0.0 64.2

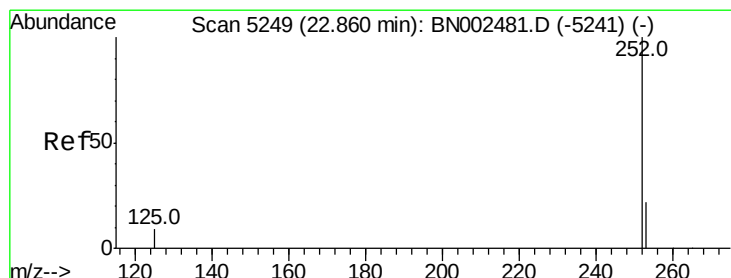
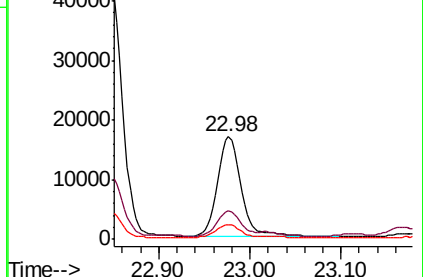
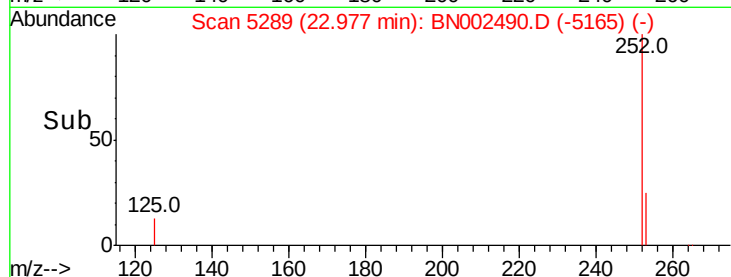
125 14.5 0.0 35.0



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: 7.491 ng/ul

RT: 22.98 min Scan# 5289

Delta R.T. 0.12 min

Lab File: BN002490.D

Acq: 24 Aug 2018 05:32

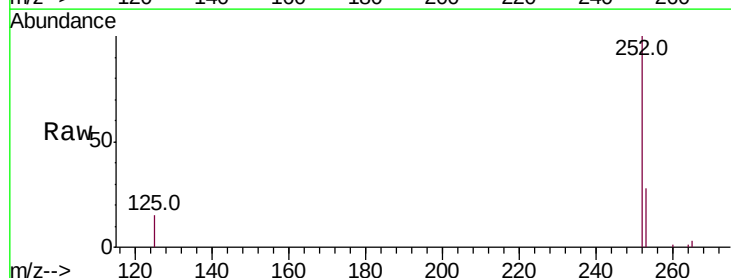
Tgt Ion:252 Resp: 28942

Ion Ratio Lower Upper

252 100

253 27.6 24.5 36.7

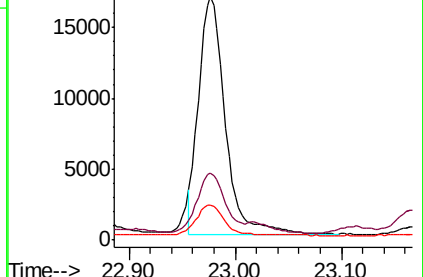
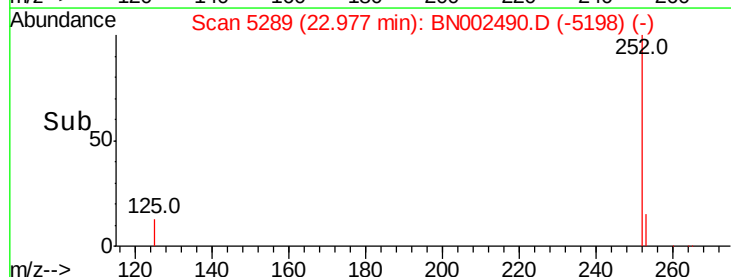
125 14.5 13.7 20.5

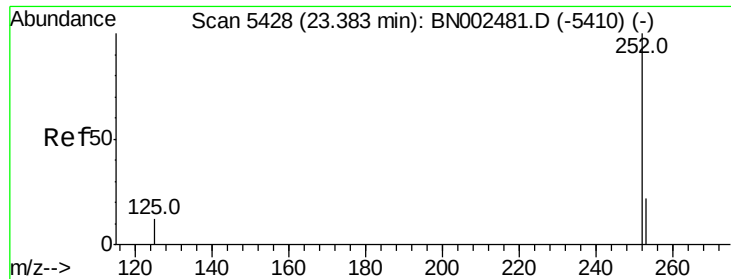


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.081 ng/ul

RT: 23.66 min Scan# 5524

Delta R.T. 0.28 min

Lab File: BN002490.D

Acq: 24 Aug 2018 05:32

Instrument :

BNA_N

ClientSampleId :

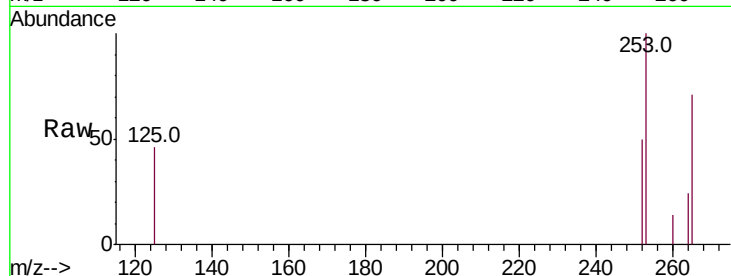
Tot Ion:252 Resp: 283

Ion Ratio Lower Upper

252 100

253 200.0 16.0 24.0#

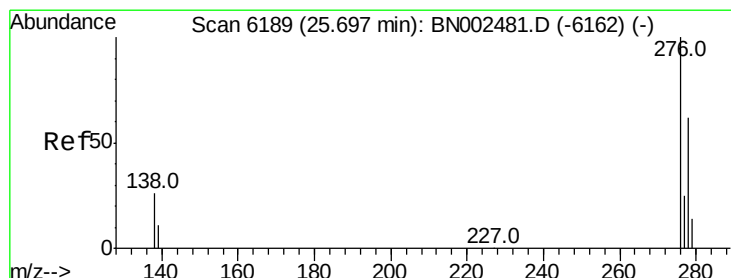
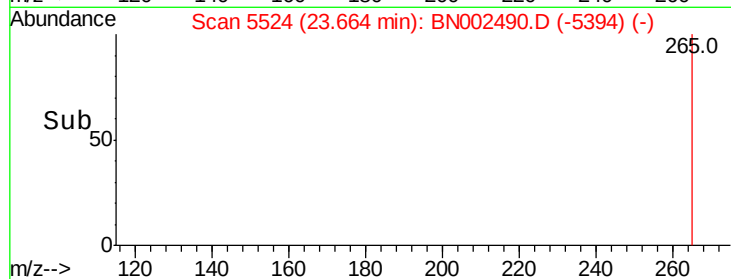
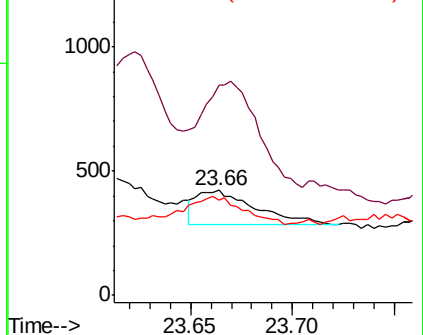
125 91.0 12.0 18.0#



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: 0.965 ng/ul

RT: 25.93 min Scan# 6260

Delta R.T. 0.24 min

Lab File: BN002490.D

Acq: 24 Aug 2018 05:32

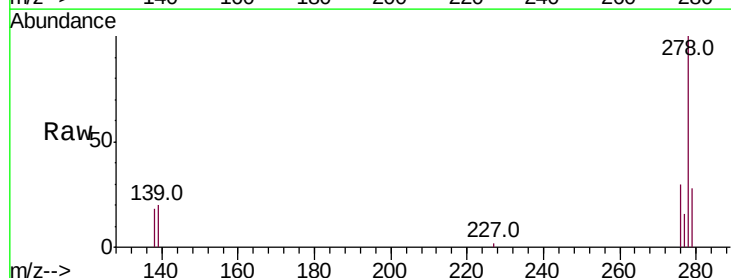
Tgt Ion:276 Resp: 3535

Ion Ratio Lower Upper

276 100

138 54.1 28.0 42.0#

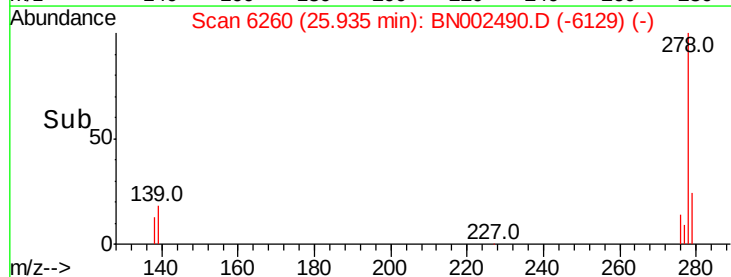
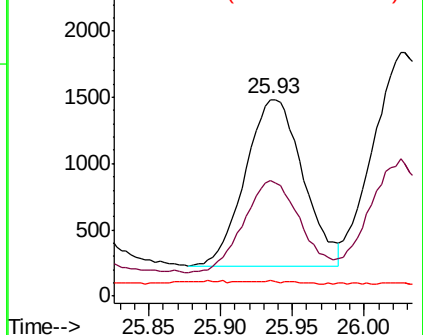
227 2.2 0.8 1.2#

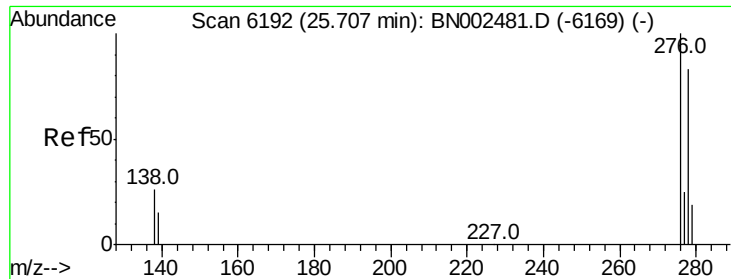


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



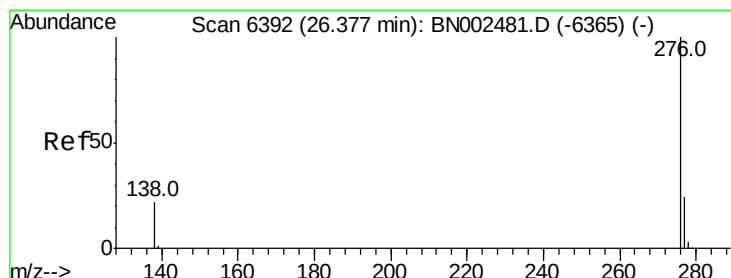
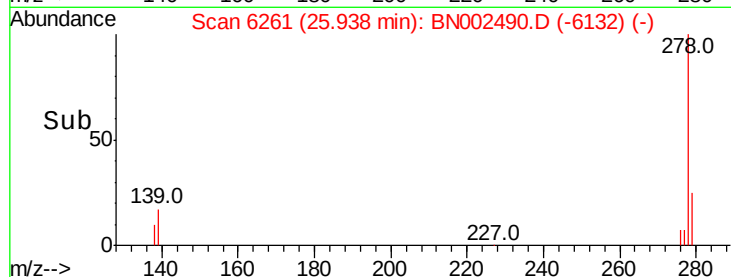
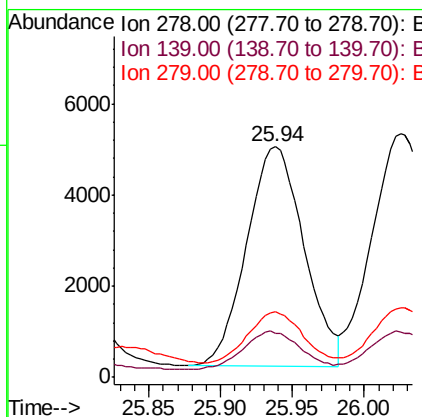
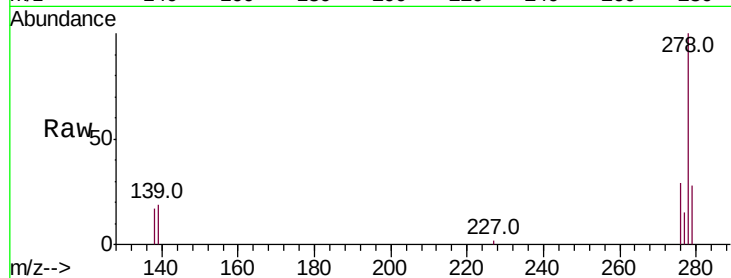


#25
Dibenzo(a,h)anthracene
Concen: 4.638 ng/ul
RT: 25.94 min Scan# 6261
Delta R.T. 0.23 min
Lab File: BN002490.D
Acq: 24 Aug 2018 05:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 13395

Ion	Ratio	Lower	Upper
278	100		
139	19.2	17.4	26.0
279	28.4	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 5.210 ng/ul
RT: 26.72 min Scan# 6493
Delta R.T. 0.34 min
Lab File: BN002490.D
Acq: 24 Aug 2018 05:32

Tgt Ion:276 Resp: 16353

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.8	32.8
277	33.5	20.5	30.7#

