

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006530.D
 Acq On : 24 Jun 2019 14:44
 Operator : HP/JU
 Sample : K3362-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4203

Quant Time: Jun 25 00:43:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

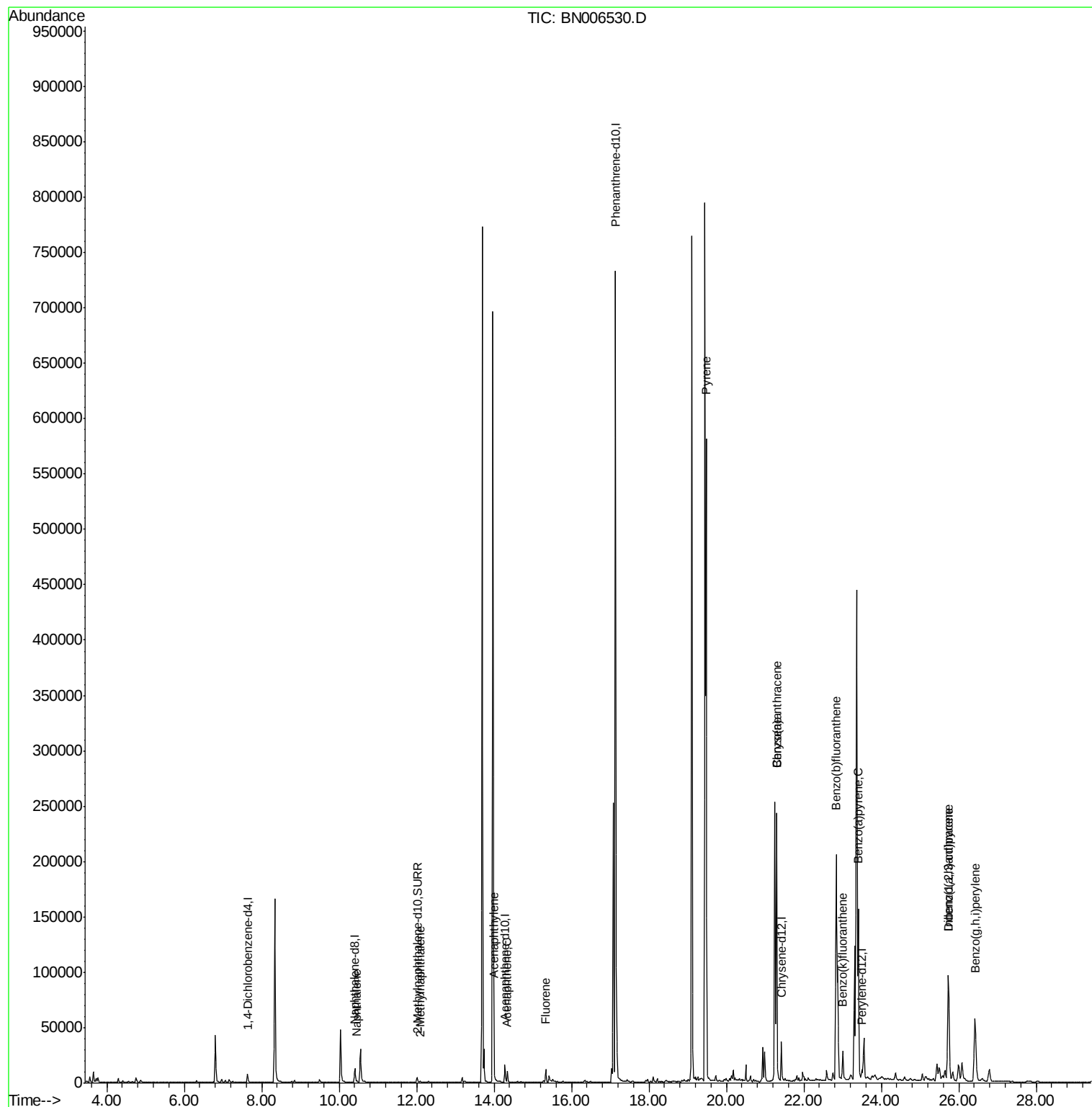
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4709	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	17579	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8695	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.14	188	793815	0.40	ng/ul	0.08
16) Chrysene-d12	21.41	240	125	0.40	ng/ul	0.14
20) Perylene-d12	23.50	264	14324	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	6641	0.25	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1845	0.038	ng/ul#	86
5) 2-Methylnaphthalene	12.08	142	817	0.024	ng/ul	94
7) Acenaphthylene	14.00	152	2625	0.054	ng/ul#	92
8) Acenaphthene	14.34	153	5589	0.167	ng/ul	98
9) Fluorene	15.34	166	7699	0.196	ng/ul	98
17) Pyrene	19.48	202	465223	706.566	ng/ul	99
18) Benzo(a)anthracene	21.30	228	241477	436.780	ng/ul	97
19) Chrysene	21.30	228	239322	461.114	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	428936	7.182	ng/ul	89
22) Benzo(k)fluoranthene	23.01	252	22164	0.381	ng/ul	96
23) Benzo(a)pyrene	23.40	252	199724	3.590	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.73	276	147319	2.447	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.74	278	36103	0.750	ng/ul	94
26) Benzo(g,h,i)perylene	26.42	276	120873	2.397	ng/ul	94

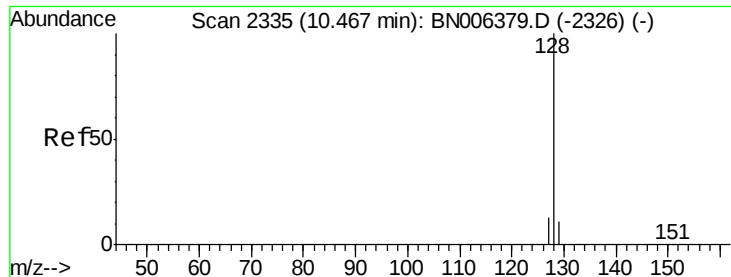
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.038 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.02 min

Lab File: BN006530.D

Acq: 24 Jun 2019 14:44

Instrument :

BNA_N

ClientSampleId :

A4203

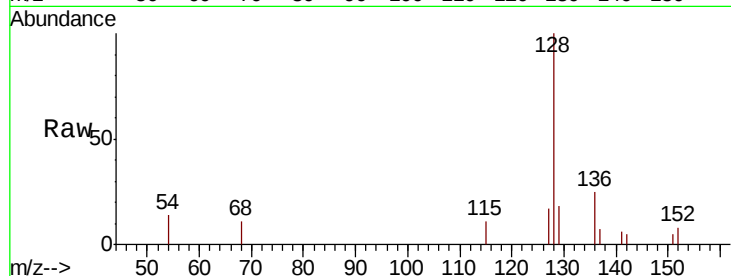
Tgt Ion:128 Resp: 1845

Ion Ratio Lower Upper

128 100

129 18.4 9.3 13.9#

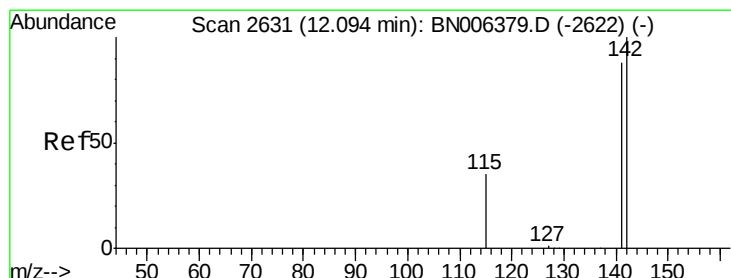
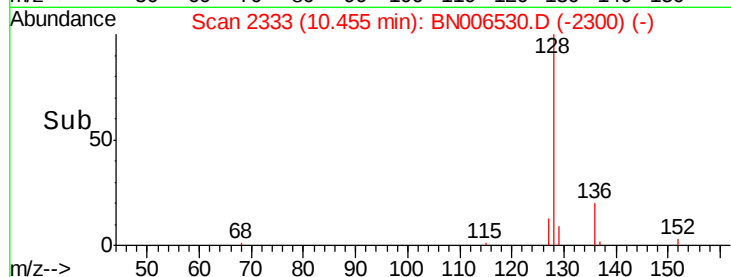
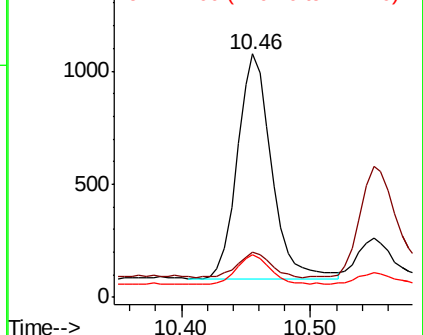
127 17.4 10.7 16.1#



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: 0.024 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN006530.D

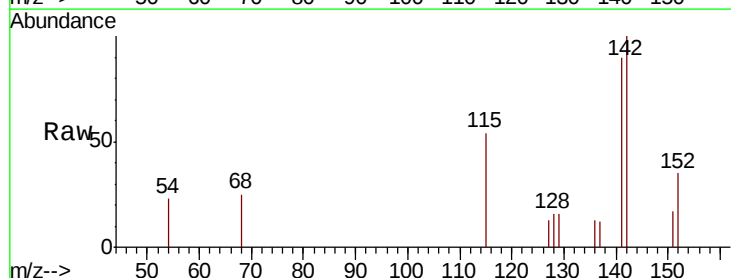
Acq: 24 Jun 2019 14:44

Tgt Ion:142 Resp: 817

Ion Ratio Lower Upper

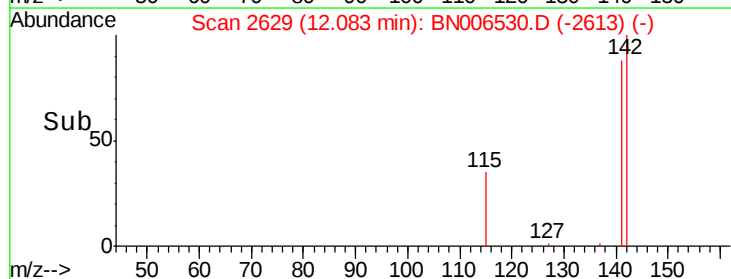
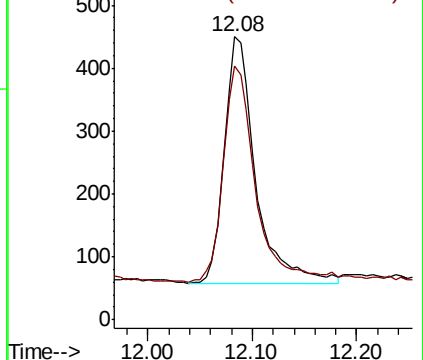
142 100

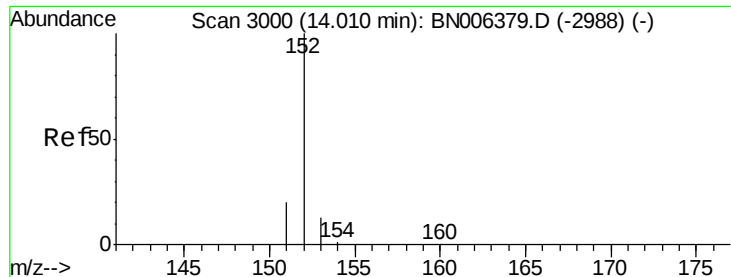
141 93.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.054 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BN006530.D

Acq: 24 Jun 2019 14:44

Instrument :

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A4203

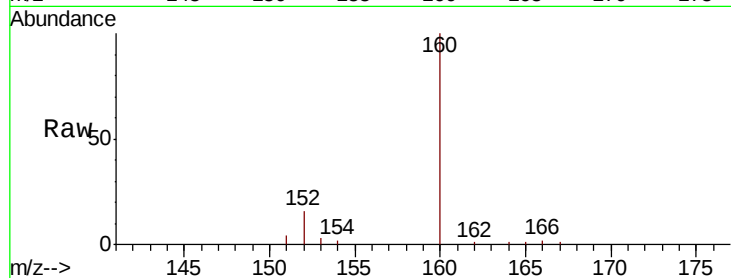
Tgt Ion:152 Resp: 2625

Ion Ratio Lower Upper

152 100

151 23.1 15.8 23.8

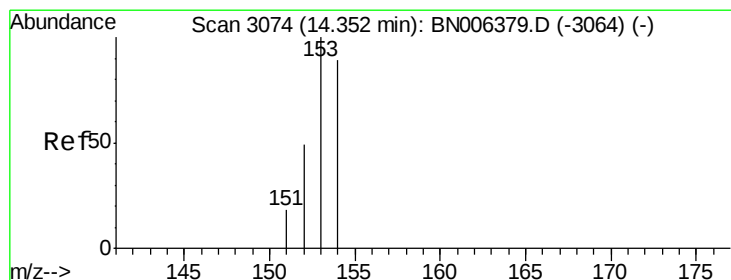
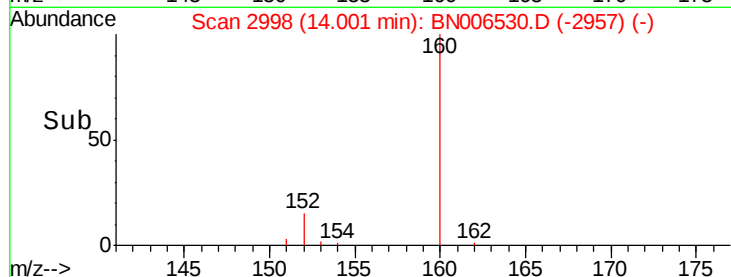
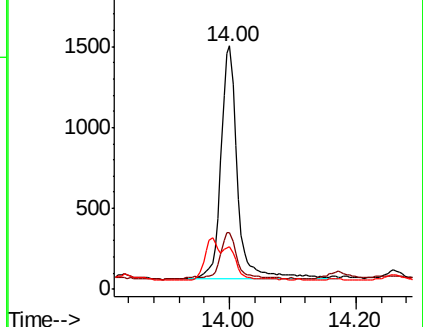
153 17.4 10.8 16.2#



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: 0.167 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN006530.D

Acq: 24 Jun 2019 14:44

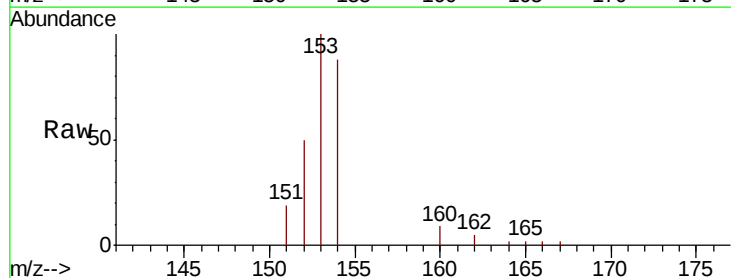
Tgt Ion:153 Resp: 5589

Ion Ratio Lower Upper

153 100

152 50.3 39.1 58.7

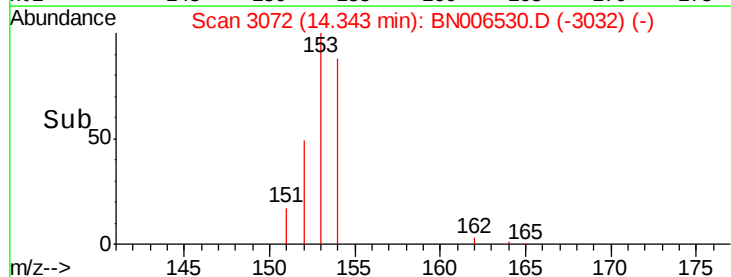
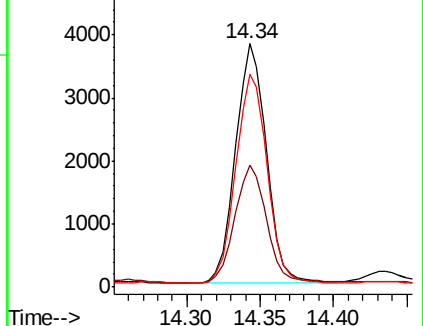
154 87.7 71.1 106.7

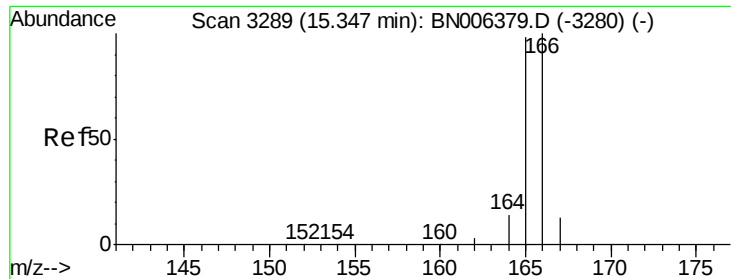


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.196 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BN006530.D

Acq: 24 Jun 2019 14:44

Instrument :

BNA_N

ClientSampleId :

A4203

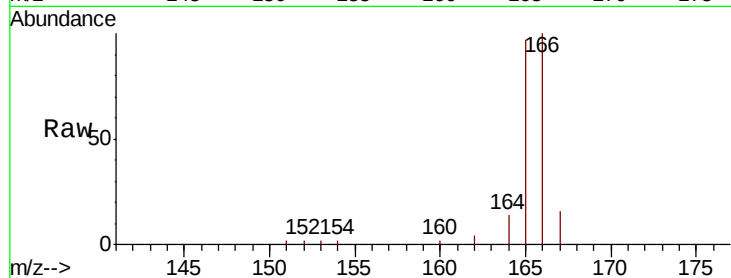
Tgt Ion:166 Resp: 7699

Ion Ratio Lower Upper

166 100

165 97.5 76.4 114.6

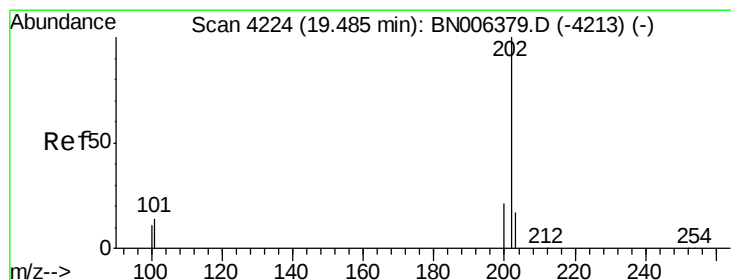
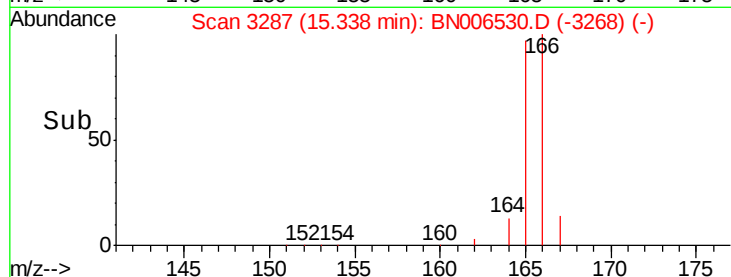
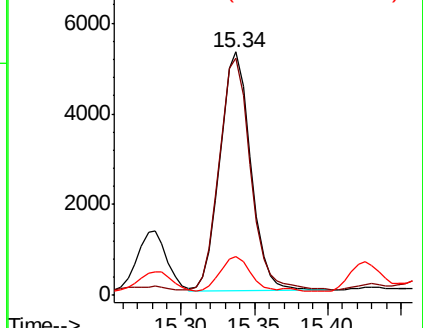
167 15.8 11.0 16.6



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



#17

Pyrene

Concen: 706.566 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. -0.01 min

Lab File: BN006530.D

Acq: 24 Jun 2019 14:44

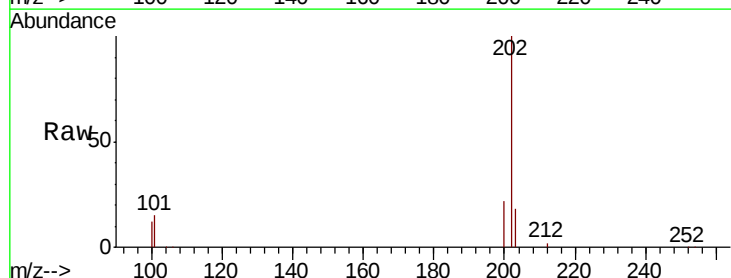
Tgt Ion:202 Resp: 465223

Ion Ratio Lower Upper

202 100

101 15.0 12.2 18.2

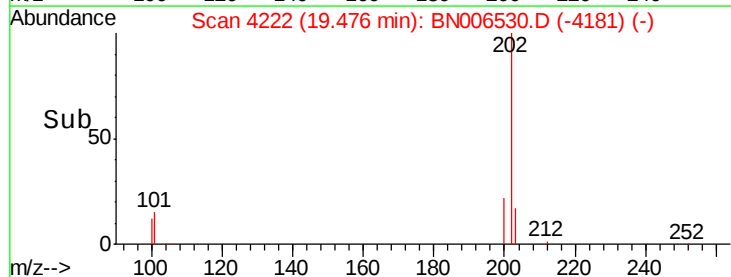
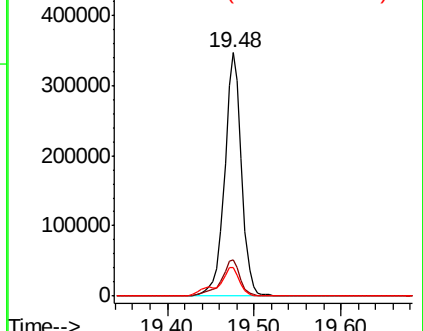
100 11.6 9.8 14.6

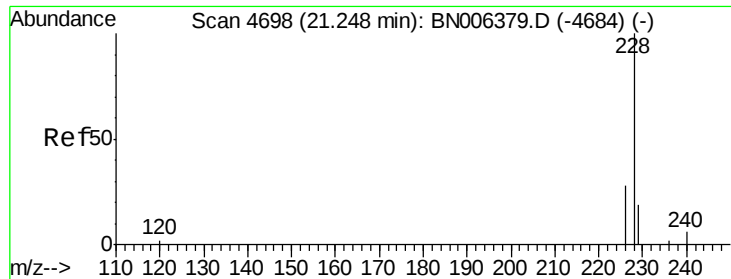


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 436.780 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. 0.05 min

Lab File: BN006530.D

Acq: 24 Jun 2019 14:44

Instrument :

BNA_N

ClientSampleId :

A4203

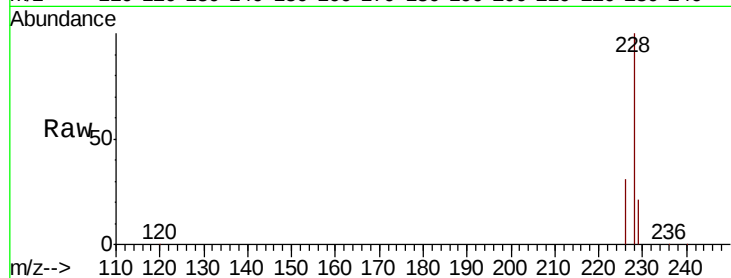
Tgt Ion:228 Resp: 241477

Ion Ratio Lower Upper

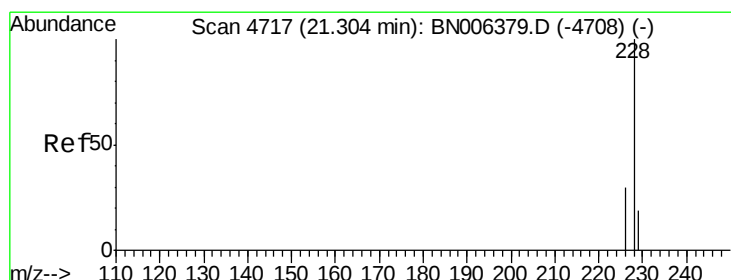
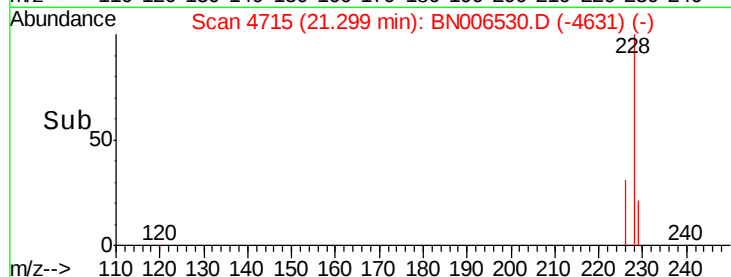
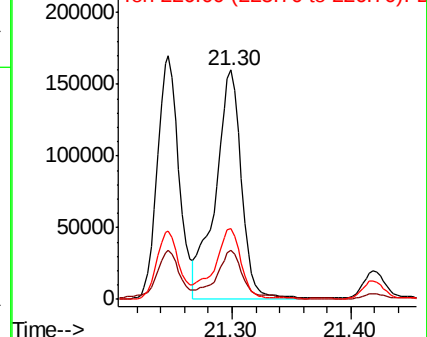
228 100

229 21.4 16.5 24.7

226 30.9 22.8 34.2



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: 461.114 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.01 min

Lab File: BN006530.D

Acq: 24 Jun 2019 14:44

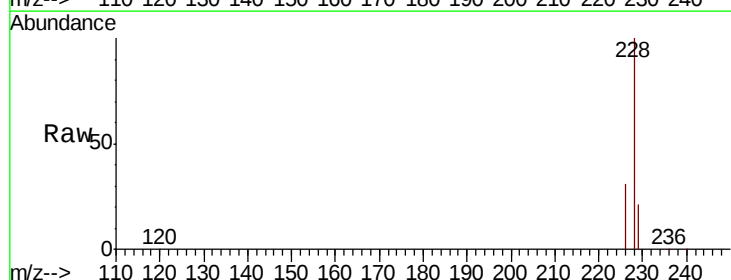
Tgt Ion:228 Resp: 239322

Ion Ratio Lower Upper

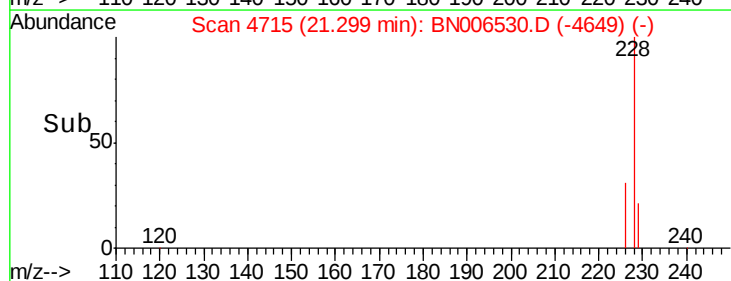
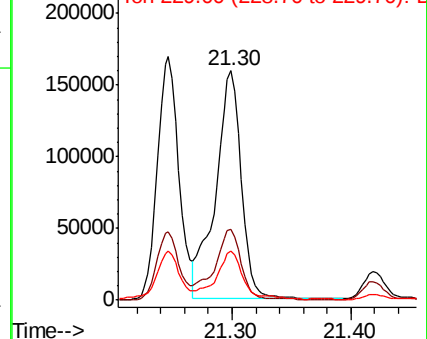
228 100

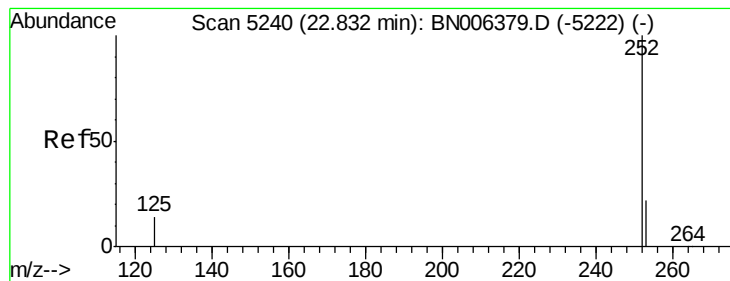
226 30.9 25.0 37.6

229 21.4 16.3 24.5



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: 7.182 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. -0.00 min

Lab File: BN006530.D

Acq: 24 Jun 2019 14:44

Instrument :

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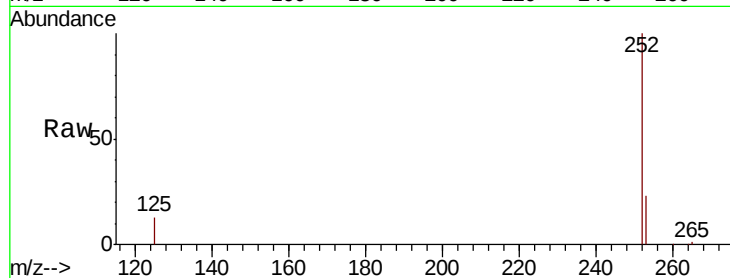
Tgt Ion:252 Resp: 428936

Ion Ratio Lower Upper

252 100

253 22.6 0.0 51.4

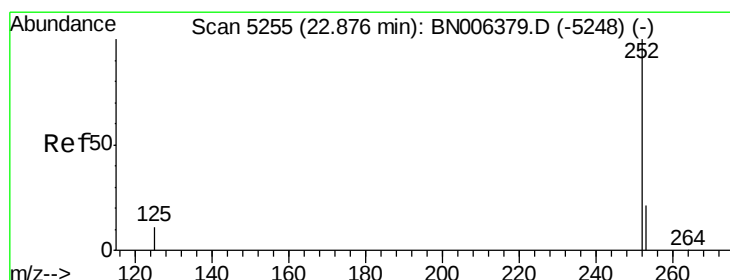
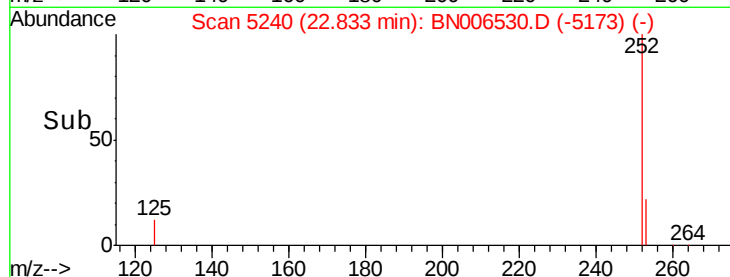
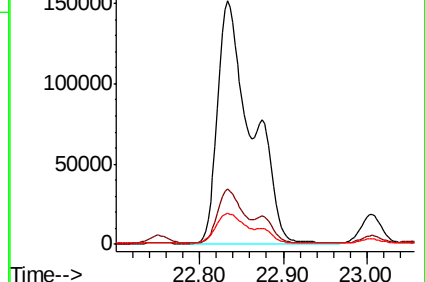
125 12.8 0.0 41.0



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: 0.381 ng/ul

RT: 23.01 min Scan# 5299

Delta R.T. 0.12 min

Lab File: BN006530.D

Acq: 24 Jun 2019 14:44

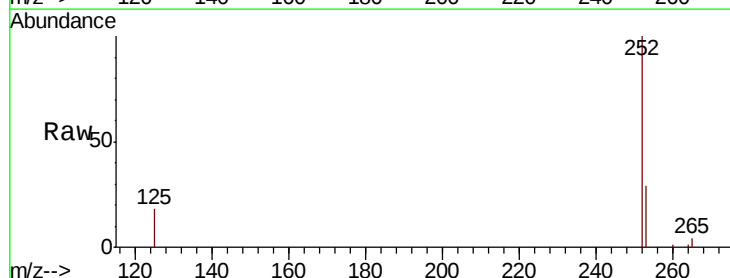
Tgt Ion:252 Resp: 22164

Ion Ratio Lower Upper

252 100

253 28.9 20.3 30.5

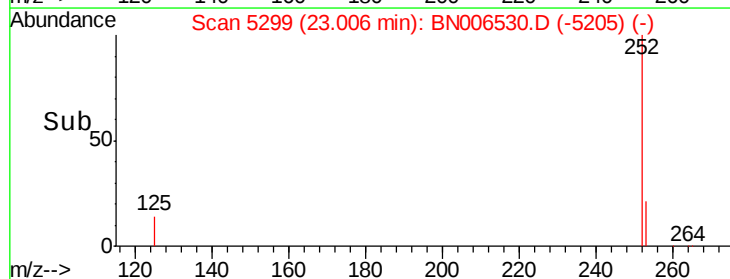
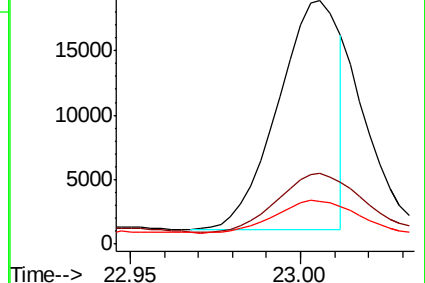
125 17.8 14.3 21.5

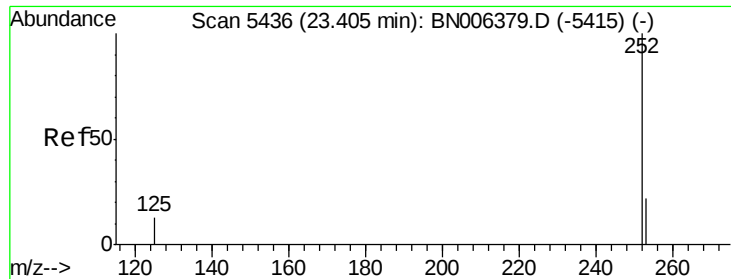


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.590 ng/u1

RT: 23.40 min Scan# 5435

Delta R.T. -0.01 min

Lab File: BN006530.D

Acq: 24 Jun 2019 14:44

Instrument :

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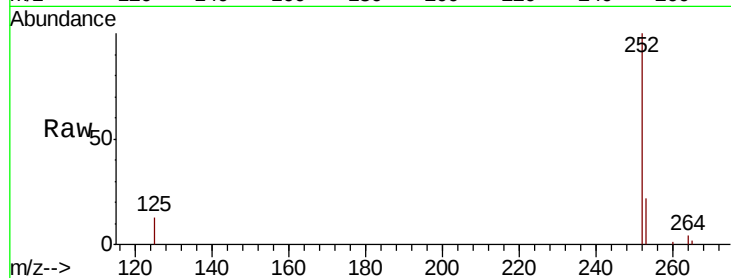
Tgt Ion:252 Resp: 199724

Ion Ratio Lower Upper

252 100

253 22.1 21.1 31.7

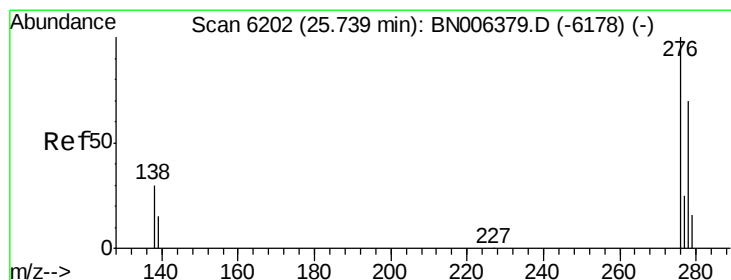
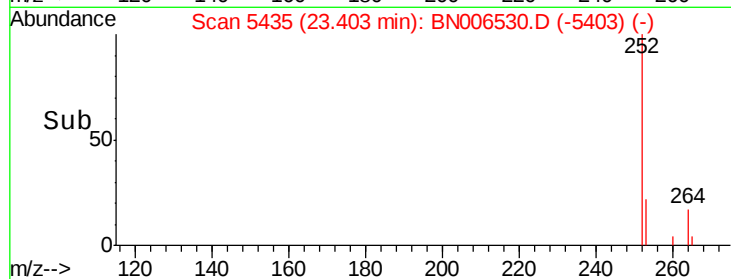
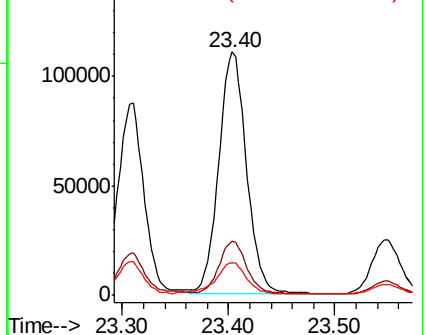
125 13.5 20.3 30.5#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.447 ng/u1

RT: 25.73 min Scan# 6199

Delta R.T. -0.02 min

Lab File: BN006530.D

Acq: 24 Jun 2019 14:44

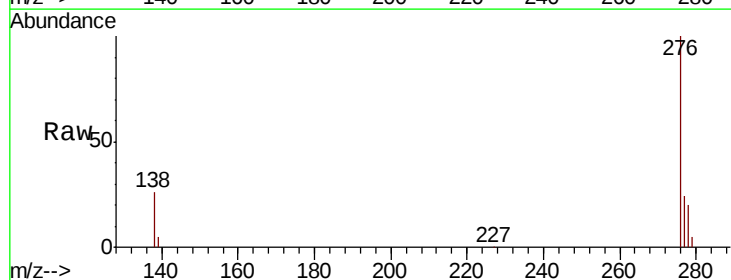
Tgt Ion:276 Resp: 147319

Ion Ratio Lower Upper

276 100

138 25.8 25.6 38.4

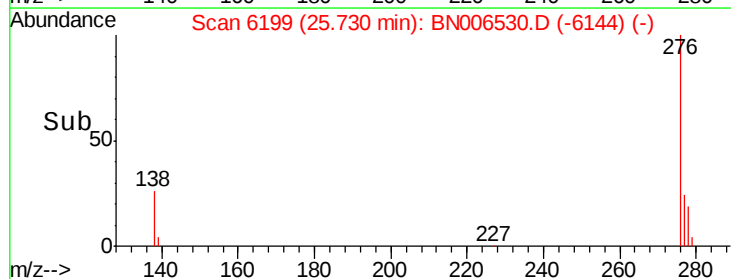
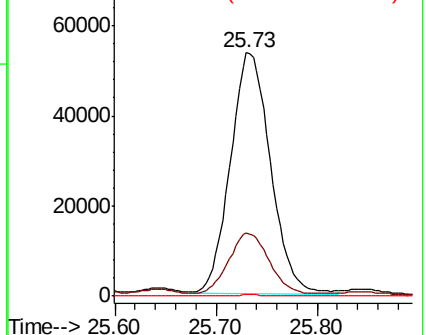
227 0.2 0.3 0.5#

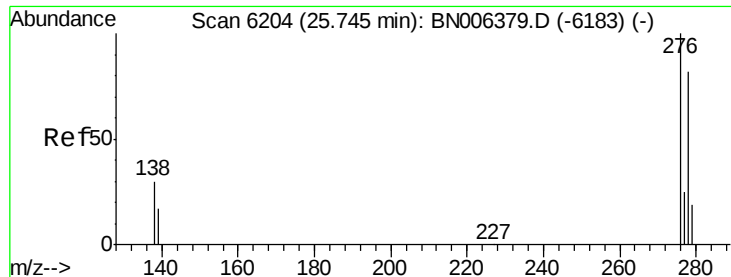


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

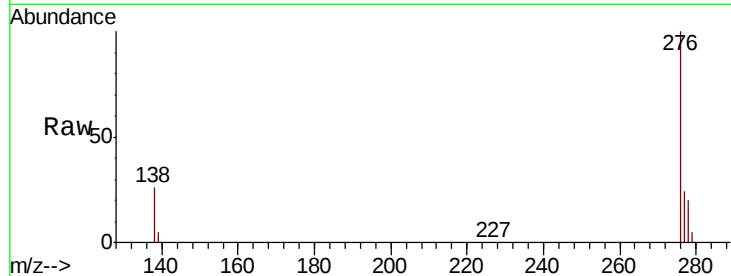




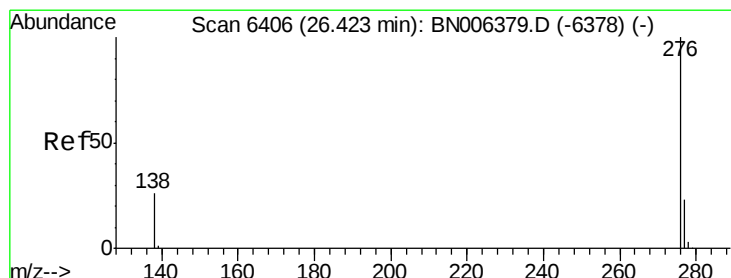
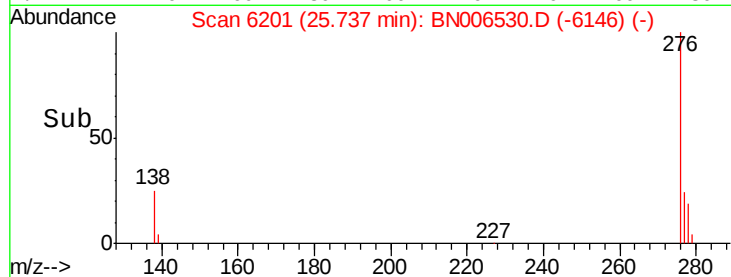
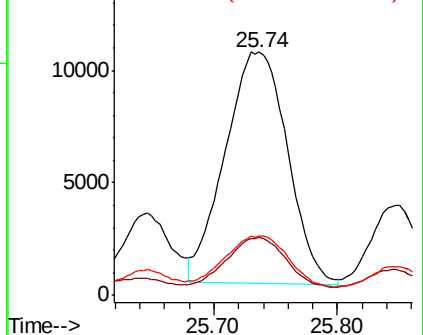
#25
Dibenzo(a,h)anthracene
Concen: 0.750 ng/ul
RT: 25.74 min Scan# 6201
Delta R.T. -0.02 min
Lab File: BN006530.D
Acq: 24 Jun 2019 14:44

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:278 Resp: 36103
Ion Ratio Lower Upper
278 100
139 23.9 21.2 31.8
279 24.4 22.6 33.8

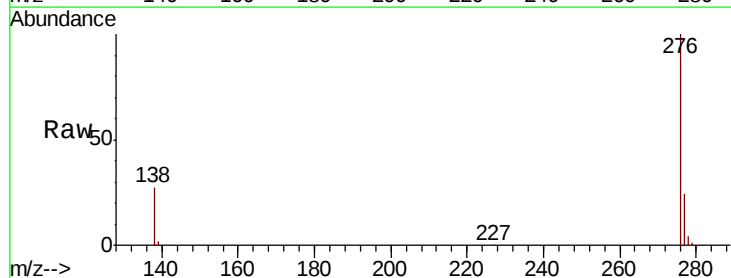


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 2.397 ng/ul
RT: 26.42 min Scan# 6405
Delta R.T. -0.01 min
Lab File: BN006530.D
Acq: 24 Jun 2019 14:44

Tgt Ion:276 Resp: 120873
Ion Ratio Lower Upper
276 100
138 27.0 24.2 36.4
277 24.1 21.5 32.3



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

