

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006152.D
 Acq On : 07 Jun 2019 01:47
 Operator : JU/SJ
 Sample : K3201-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

Quant Time: Jun 07 03:28:31 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6650	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	24893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	14272	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1580717	0.40	ng/ul	0.10
16) Chrysene-d12	21.41	240	2083	0.40	ng/ul	0.14
20) Perylene-d12	23.62	264	23032	0.40	ng/ul	0.12

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9764	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.18	212	1493	0.00	ng/ul	0.09

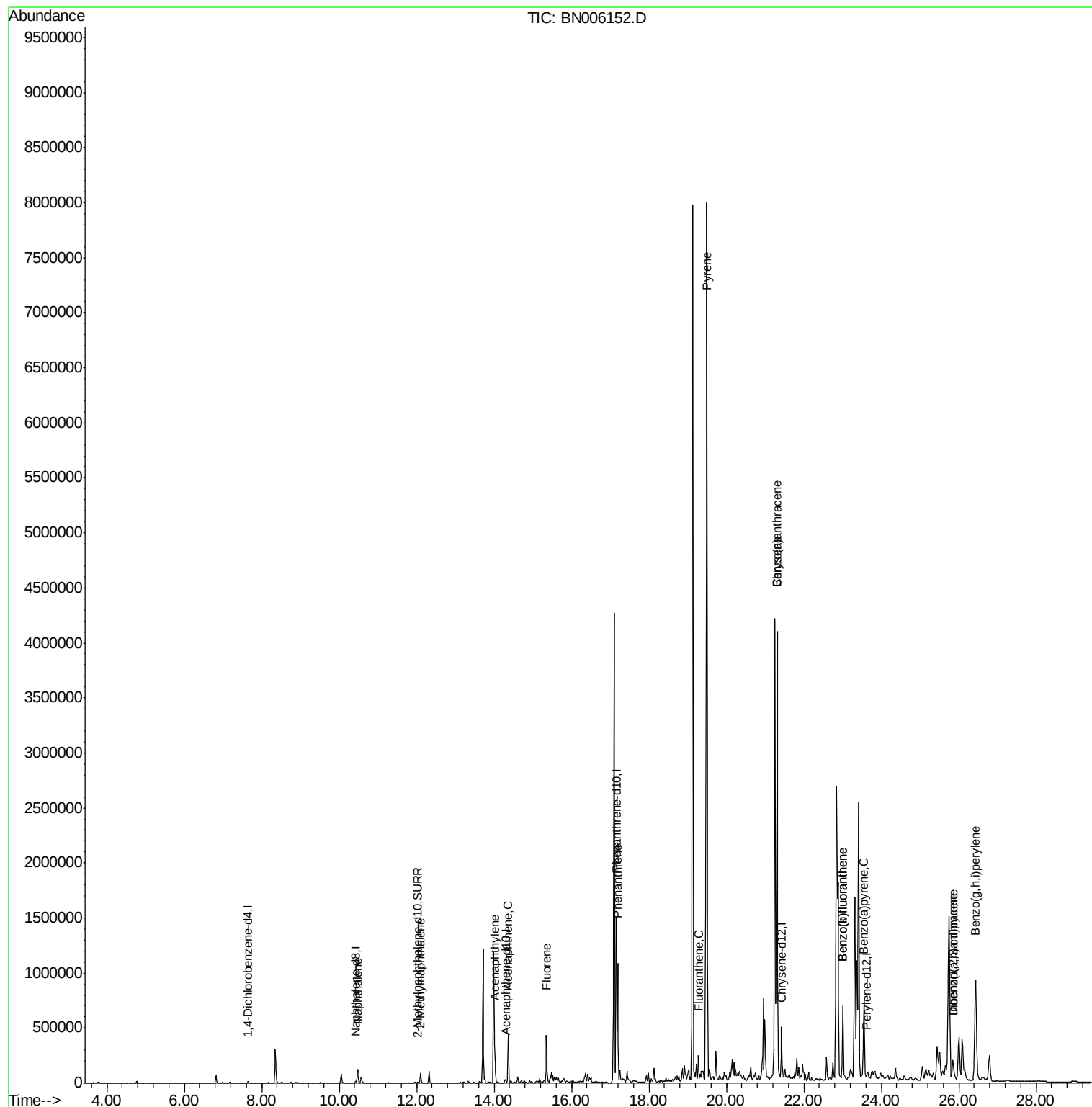
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	172596	2.513	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	66616	1.392	ng/ul	99
7) Acenaphthylene	14.02	152	353898	4.461	ng/ul	99
8) Acenaphthene	14.36	153	246601	4.481	ng/ul	99
9) Fluorene	15.36	166	272503	4.232	ng/ul	99
12) Phenanthrene	17.19	178	1074862	0.212	ng/ul	99
15) Fluoranthene	19.28	202	153445	0.027	ng/ul	96
17) Pyrene	19.49	202	7021843	639.975	ng/ul	94
18) Benzo(a)anthracene	21.31	228	3998409	434.005	ng/ul	94
19) Chrysene	21.31	228	3998409	462.310	ng/ul	97
21) Benzo(b)fluoranthene	23.00	252	800208	8.332	ng/ul	93
22) Benzo(k)fluoranthene	23.00	252	800208	8.554	ng/ul	95
23) Benzo(a)pyrene	23.55	252	905293	10.121	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.85	276	69146	0.714	ng/ul#	45
25) Dibenzo(a,h)anthracene	25.85	278	242738	3.136	ng/ul	96
26) Benzo(g,h,i)perylene	26.43	276	1858385	22.918	ng/ul	94

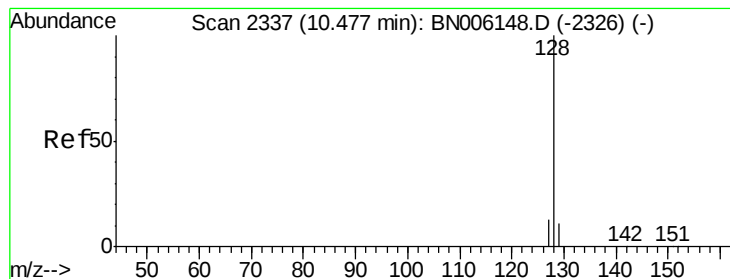
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 2.513 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

BNA_N

ClientSampleId :

C0AC5

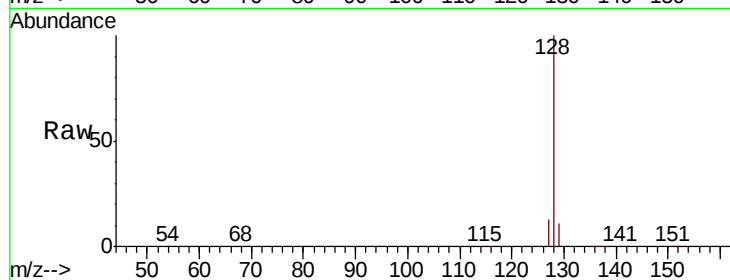
Tgt Ion:128 Resp: 172596

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

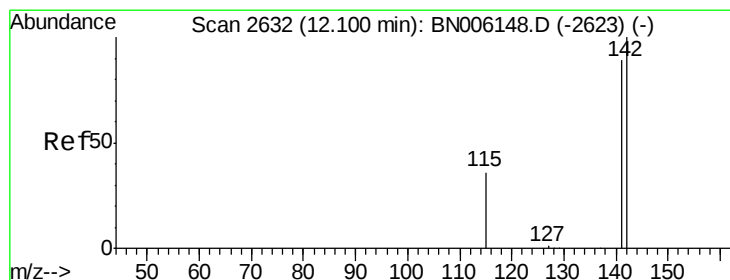
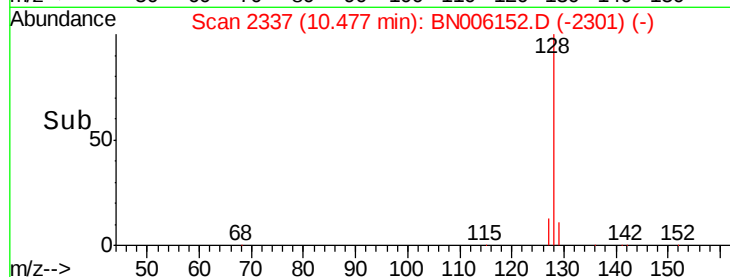
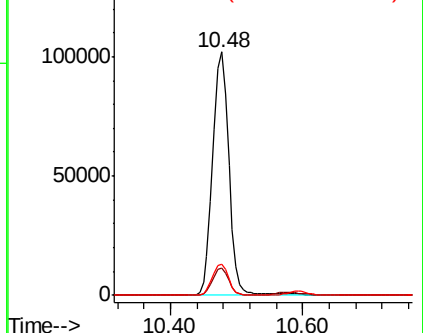
127 13.0 10.7 16.1



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: 1.392 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006152.D

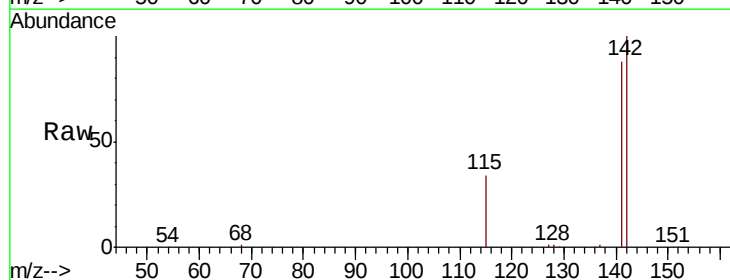
Acq: 07 Jun 2019 01:47

Tgt Ion:142 Resp: 66616

Ion Ratio Lower Upper

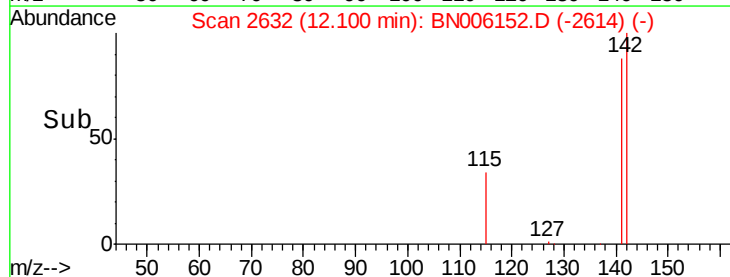
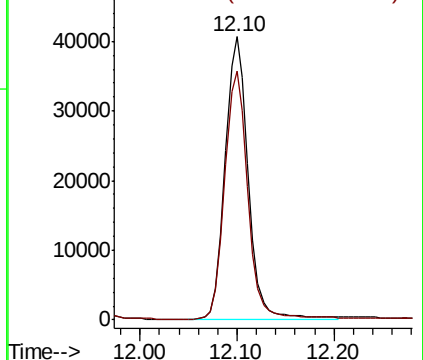
142 100

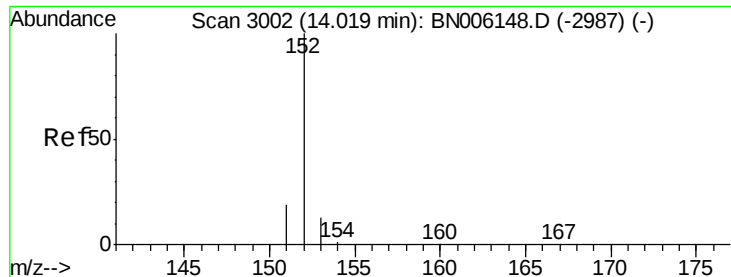
141 89.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 4.461 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

BNA_N

ClientSampleId :

C0AC5

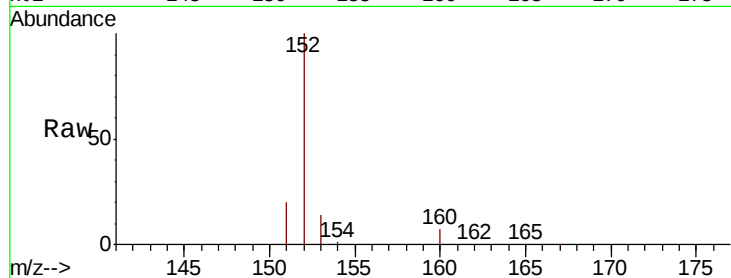
Tgt Ion:152 Resp: 353898

Ion Ratio Lower Upper

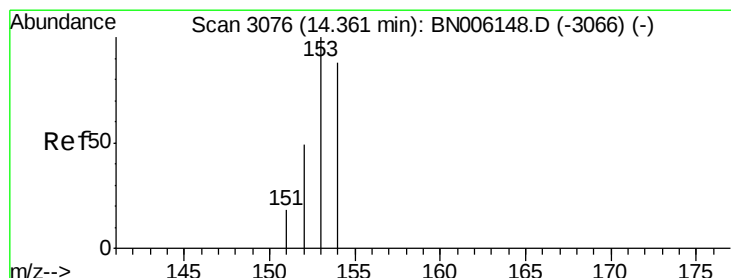
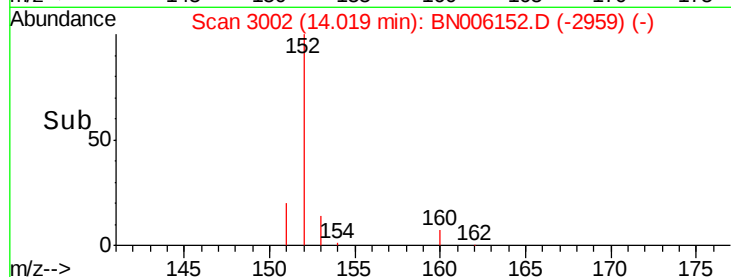
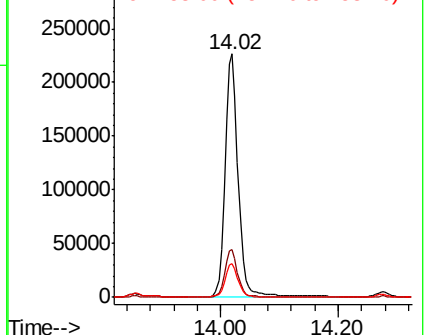
152 100

151 19.6 15.8 23.8

153 13.8 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: 4.481 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

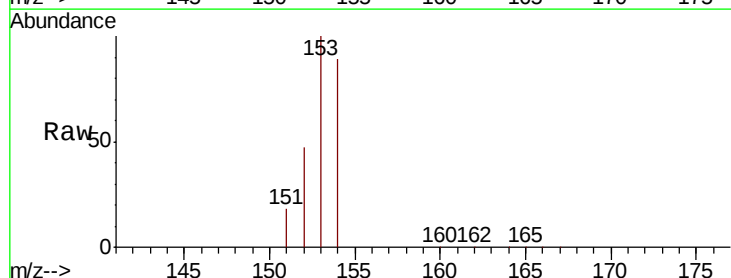
Tgt Ion:153 Resp: 246601

Ion Ratio Lower Upper

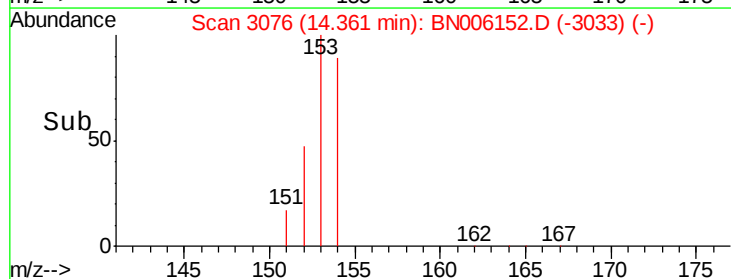
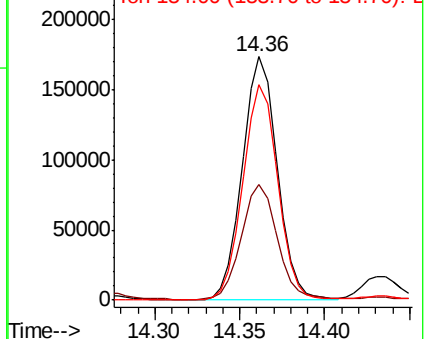
153 100

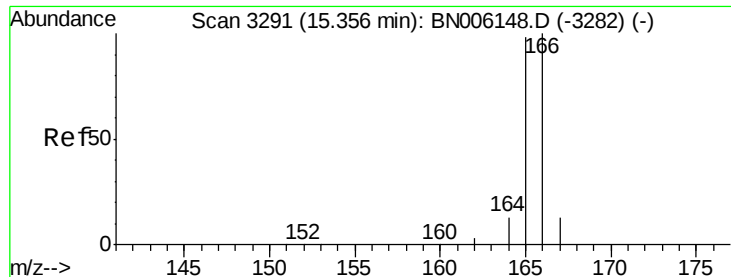
152 47.5 39.1 58.7

154 88.6 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

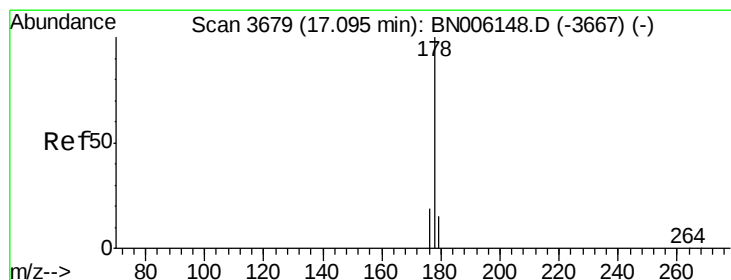
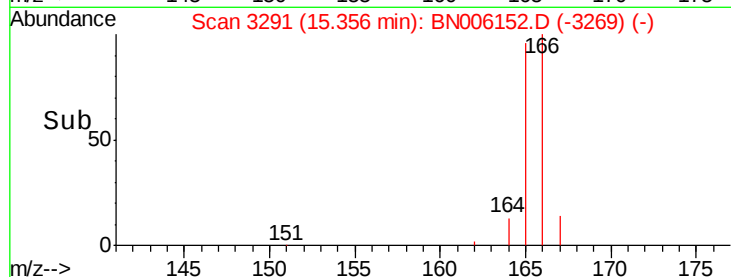
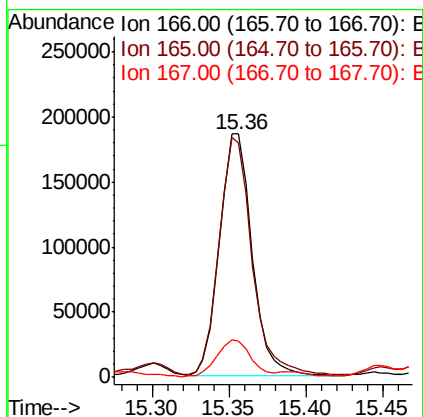
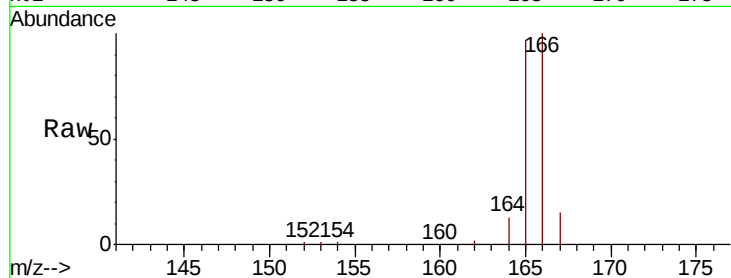




#9
Fluorene
 Concen: 4.232 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BN006152.D
 Acq: 07 Jun 2019 01:47

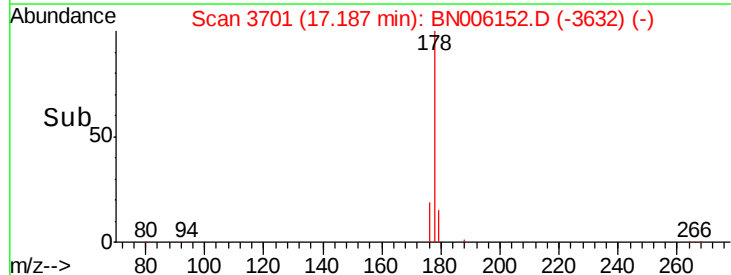
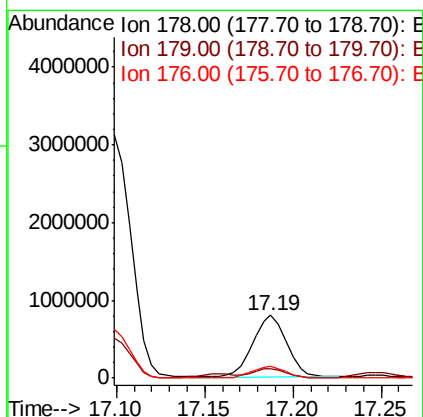
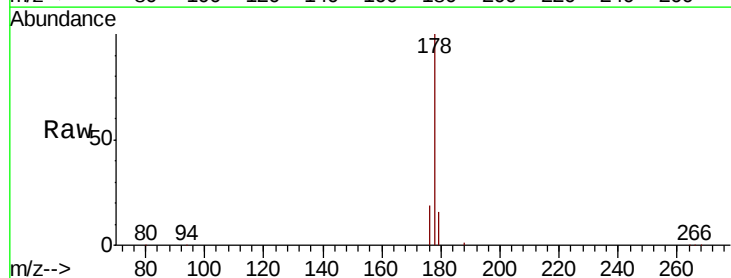
Instrument :
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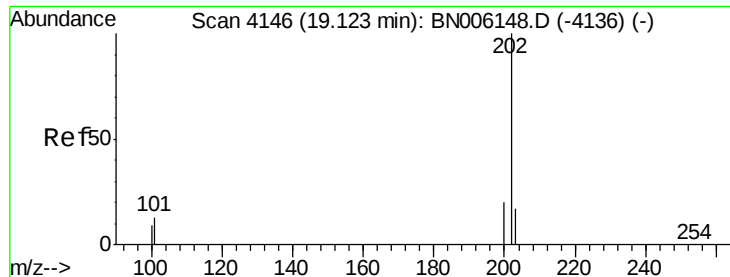
Tgt Ion:166 Resp: 272503
 Ion Ratio Lower Upper
 166 100
 165 96.6 76.4 114.6
 167 14.9 11.0 16.6



#12
Phenanthrene
 Concen: 0.212 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. 0.09 min
 Lab File: BN006152.D
 Acq: 07 Jun 2019 01:47

Tgt Ion:178 Resp: 1074862
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 18.6 15.3 22.9





#15

Fluoranthene

Concen: 0.027 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. 0.15 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

BNA_N

ClientSampleId :

C0AC5

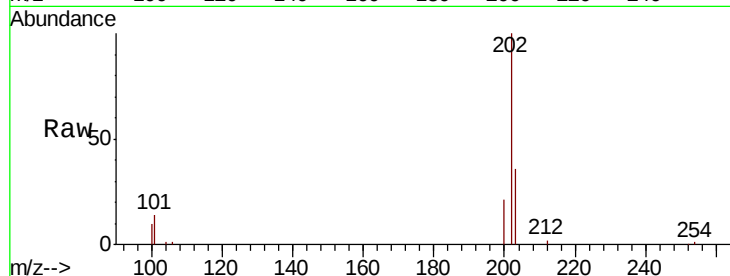
Tgt Ion:202 Resp: 153445

Ion Ratio Lower Upper

202 100

101 13.8 0.0 32.1

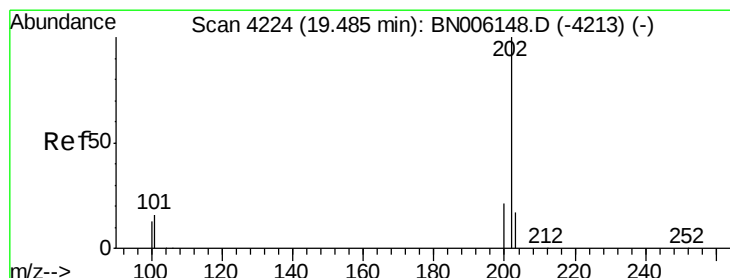
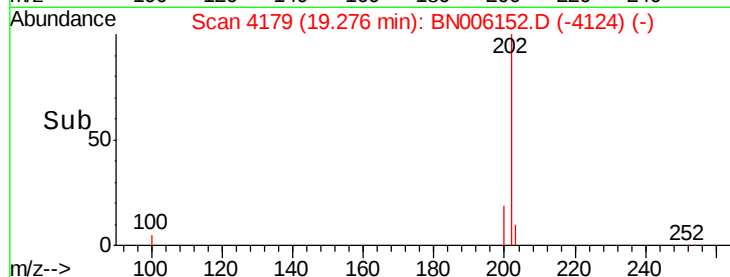
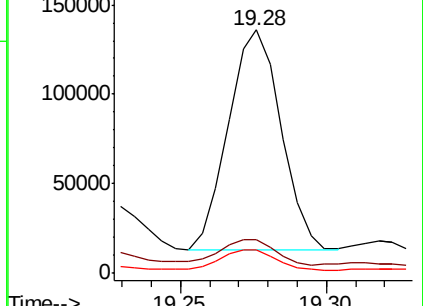
100 9.7 0.0 28.7



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



#17

Pyrene

Concen: 639.975 ng/ul

RT: 19.49 min Scan# 4226

Delta R.T. 0.01 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

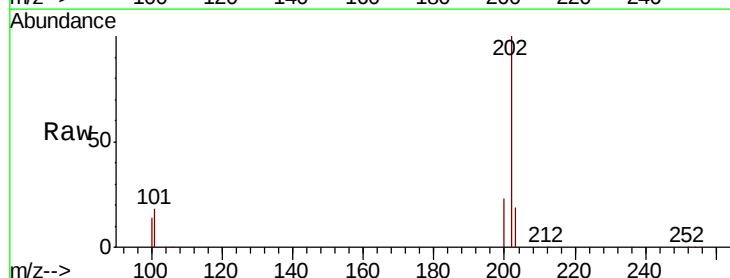
Tgt Ion:202 Resp: 7021843

Ion Ratio Lower Upper

202 100

101 17.8 12.2 18.2

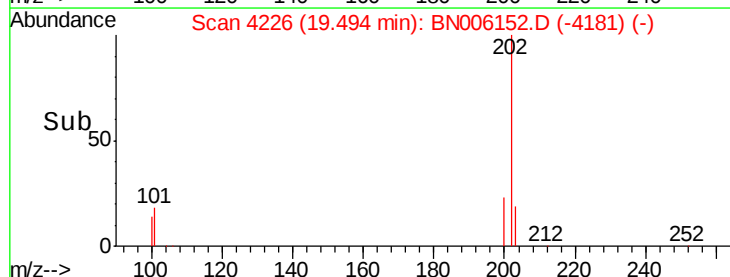
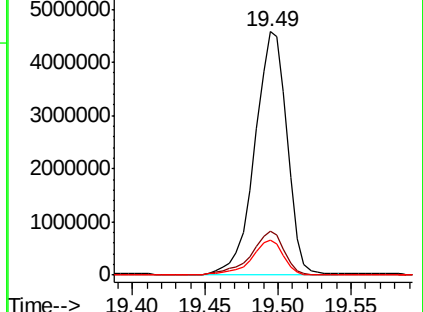
100 14.3 9.8 14.6

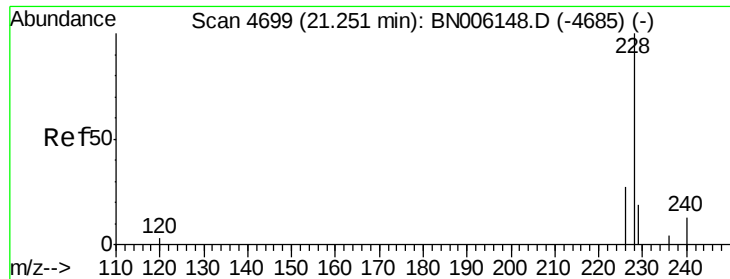


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

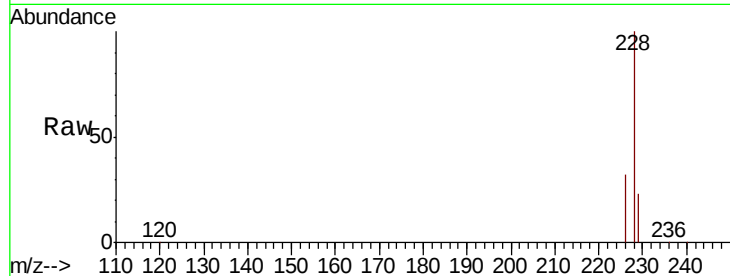




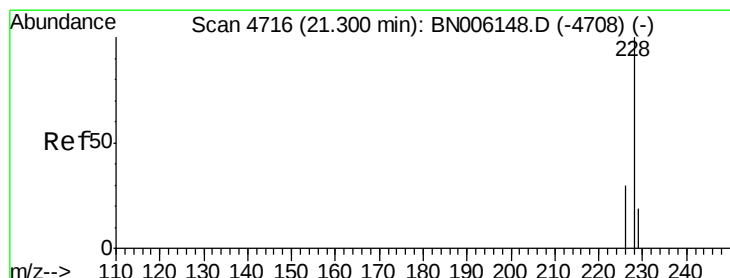
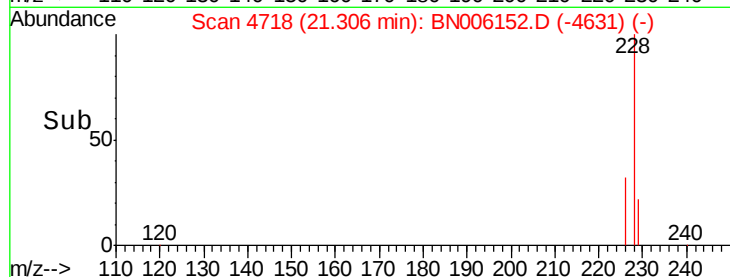
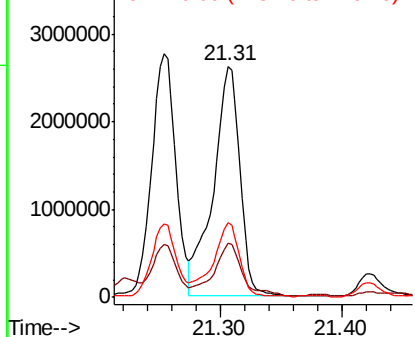
#18
Benzo(a)anthracene
Concen: 434.005 ng/ul
RT: 21.31 min Scan# 4718
Delta R.T. 0.06 min
Lab File: BN006152.D
Acq: 07 Jun 2019 01:47

Instrument :
BNA_N
ClientSampleId :
C0AC5

Tgt Ion:228 Resp: 3998409
Ion Ratio Lower Upper
228 100
229 23.2 16.5 24.7
226 32.0 22.8 34.2

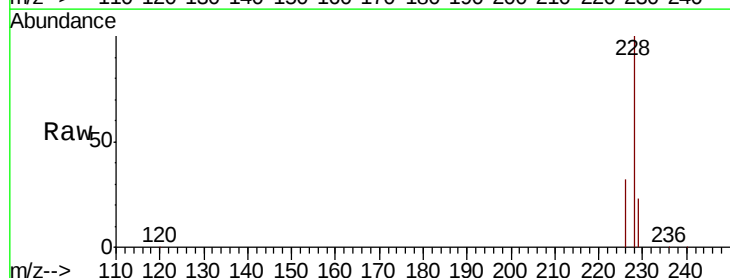


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

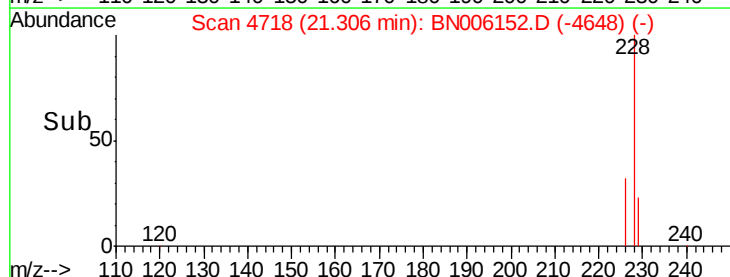
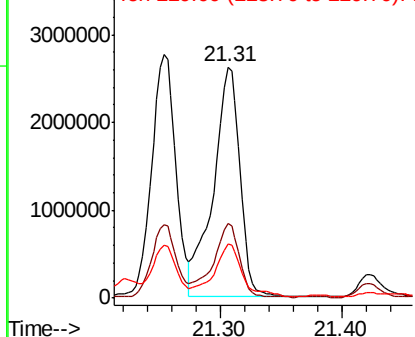


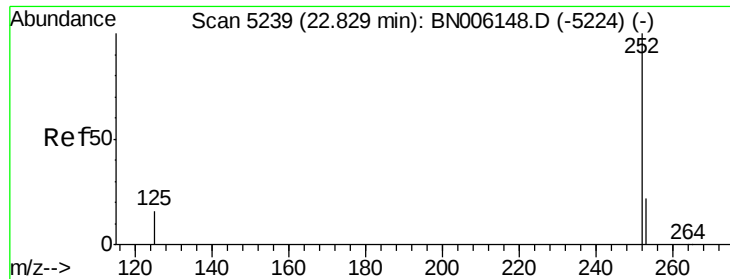
#19
Chrysene
Concen: 462.310 ng/ul
RT: 21.31 min Scan# 4718
Delta R.T. 0.01 min
Lab File: BN006152.D
Acq: 07 Jun 2019 01:47

Tgt Ion:228 Resp: 3998409
Ion Ratio Lower Upper
228 100
226 32.0 25.0 37.6
229 23.2 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: 8.332 ng/ul

RT: 23.00 min Scan# 5299

Delta R.T. 0.18 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

BNA_N

ClientSampleId :

C0AC5

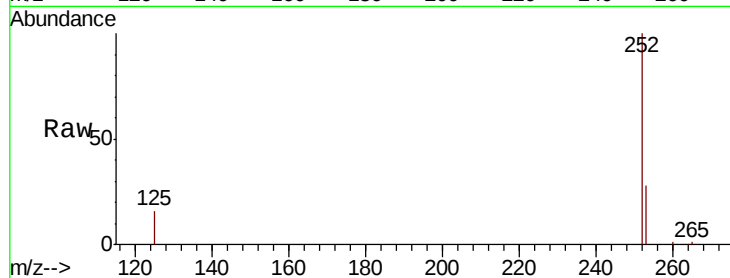
Tgt Ion:252 Resp: 800208

Ion Ratio Lower Upper

252 100

253 28.1 0.0 51.4

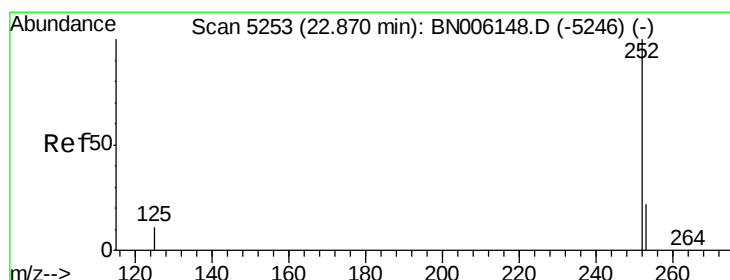
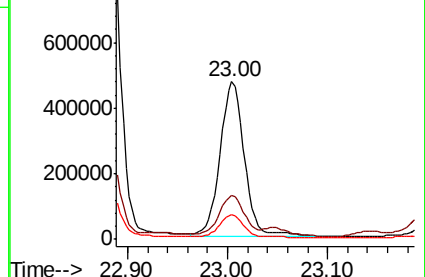
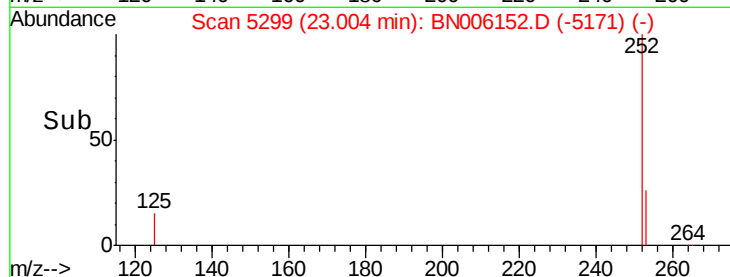
125 15.8 0.0 41.0



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: 8.554 ng/ul

RT: 23.00 min Scan# 5299

Delta R.T. 0.13 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

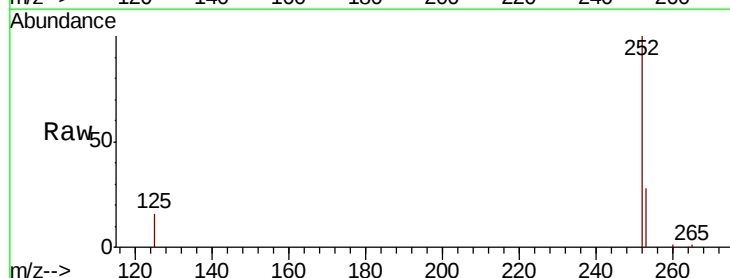
Tgt Ion:252 Resp: 800208

Ion Ratio Lower Upper

252 100

253 28.1 20.3 30.5

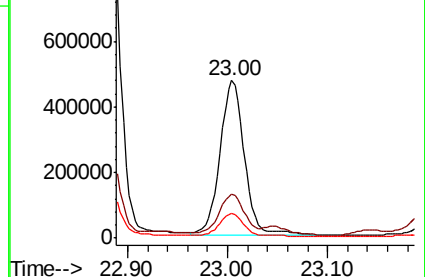
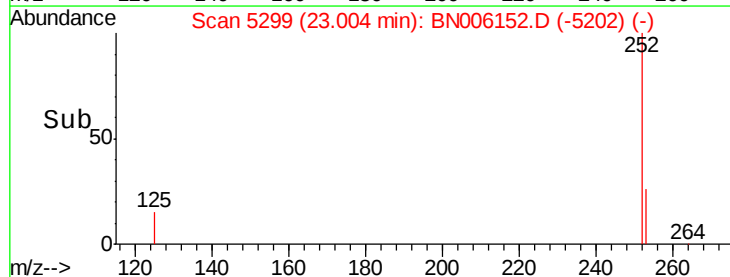
125 15.8 14.3 21.5

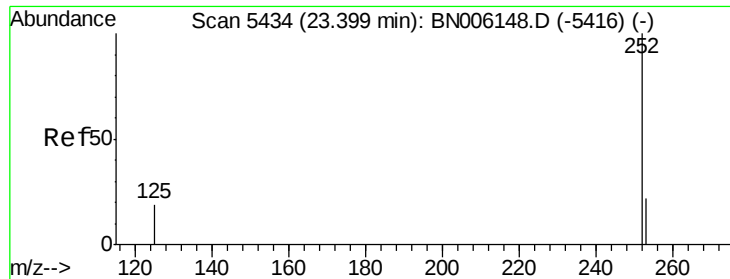


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 10.121 ng/ul

RT: 23.55 min Scan# 5485

Delta R.T. 0.15 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

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C0AC5

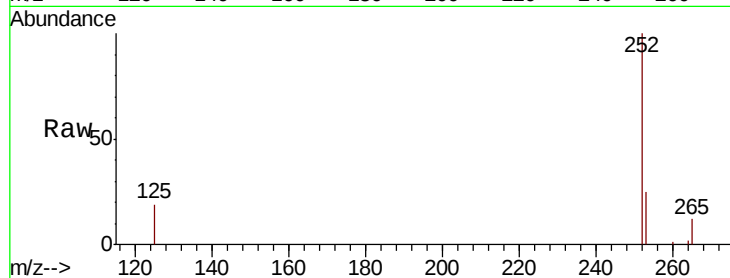
Tgt Ion:252 Resp: 905293

Ion Ratio Lower Upper

252 100

253 25.1 21.1 31.7

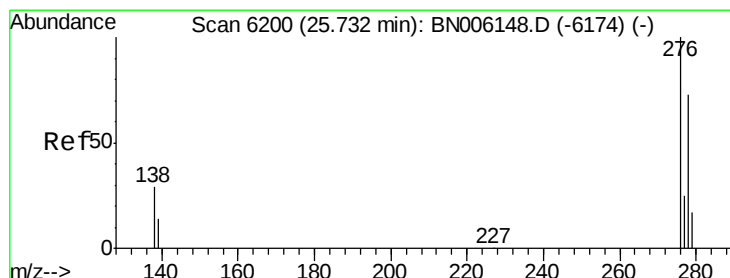
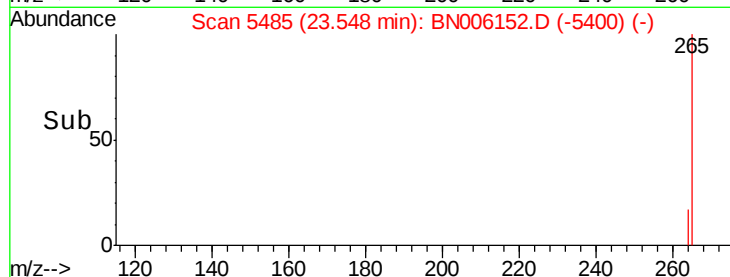
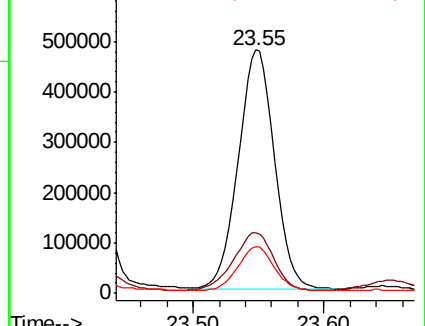
125 19.1 20.3 30.5#



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: 0.714 ng/ul

RT: 25.85 min Scan# 6234

Delta R.T. 0.11 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

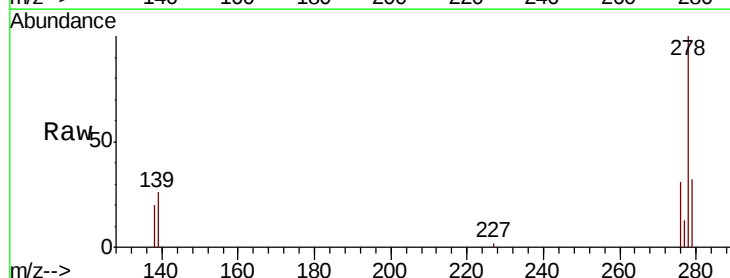
Tgt Ion:276 Resp: 69146

Ion Ratio Lower Upper

276 100

138 63.1 25.6 38.4#

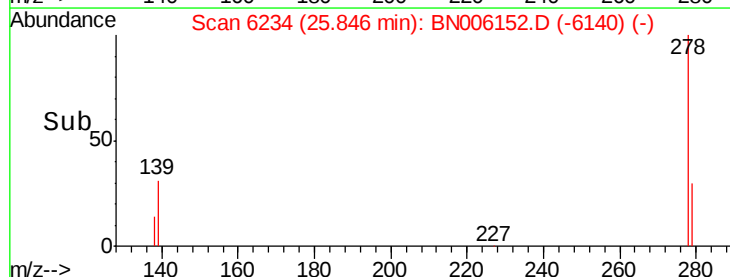
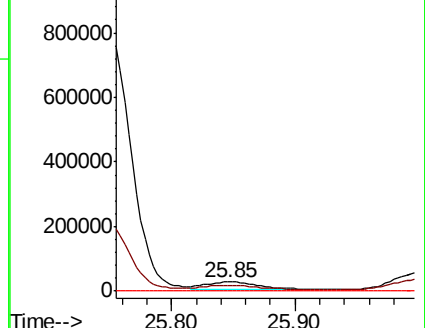
227 0.0 0.3 0.5#

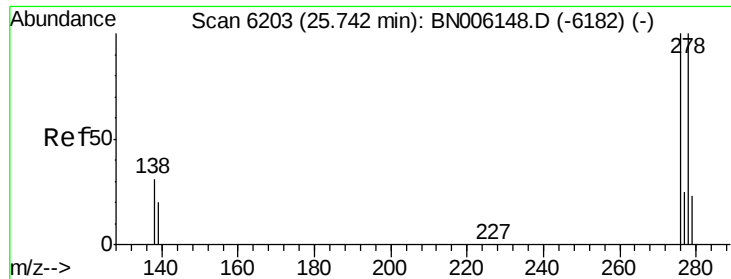


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 3.136 ng/ul

RT: 25.85 min Scan# 6234

Delta R.T. 0.10 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

Instrument :

BNA_N

ClientSampleId :

C0AC5

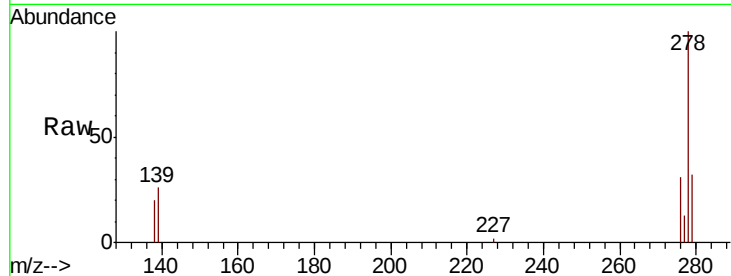
Tgt Ion:278 Resp: 242738

Ion Ratio Lower Upper

278 100

139 26.0 21.2 31.8

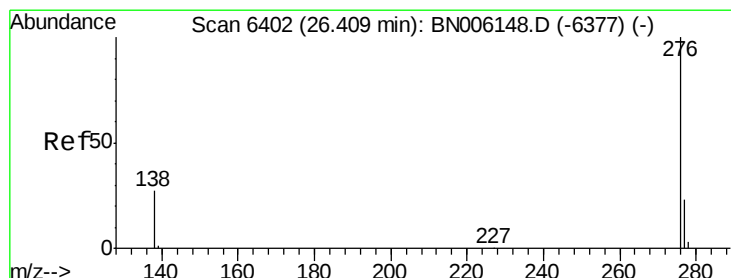
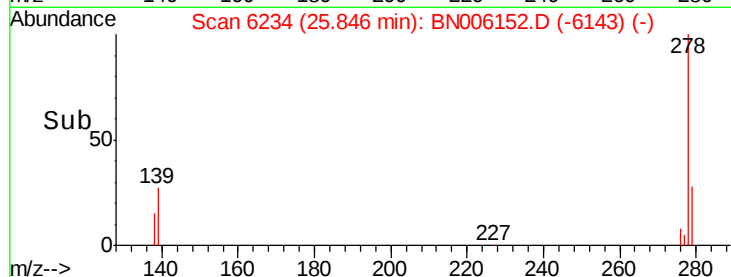
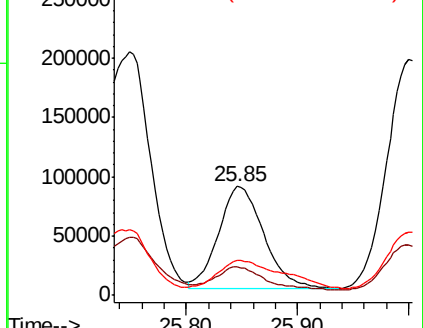
279 32.1 22.6 33.8



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: 22.918 ng/ul

RT: 26.43 min Scan# 6409

Delta R.T. 0.02 min

Lab File: BN006152.D

Acq: 07 Jun 2019 01:47

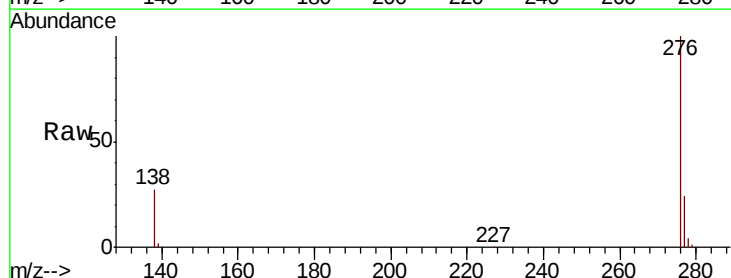
Tgt Ion:276 Resp: 1858385

Ion Ratio Lower Upper

276 100

138 26.9 24.2 36.4

277 24.4 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

