

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006178.D
 Acq On : 07 Jun 2019 21:38
 Operator : JU/SJ
 Sample : K3201-16DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7DL

Quant Time: Jun 08 02:04:18 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	5371	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	20238	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10145	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21690	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	18042	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	29378	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1744	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	4211	0.07	ng/ul	0.00

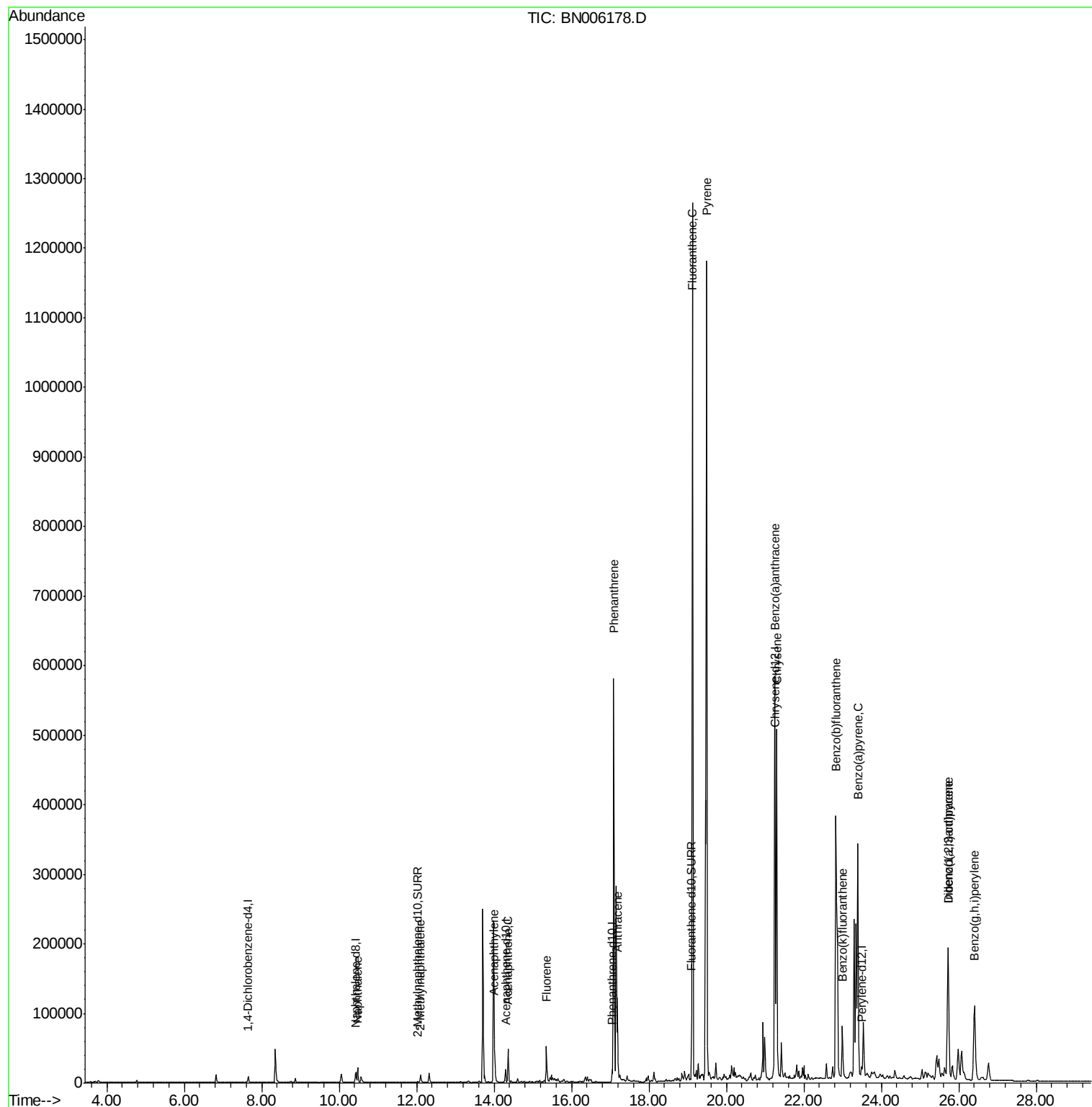
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	30078	0.539	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	8970	0.230	ng/ul	99
7) Acenaphthylene	14.01	152	43954	0.779	ng/ul	99
8) Acenaphthene	14.36	153	27111	0.693	ng/ul	99
9) Fluorene	15.35	166	33154	0.724	ng/ul	98
12) Phenanthrene	17.09	178	625159	8.979	ng/ul	100
13) Anthracene	17.18	178	119350	1.795	ng/ul	99
15) Fluoranthene	19.12	202	1065918	13.864	ng/ul	96
17) Pyrene	19.49	202	960174	10.103	ng/ul	99
18) Benzo(a)anthracene	21.25	228	492631	6.174	ng/ul	100
19) Chrysene	21.30	228	504588	6.736	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	840997	6.865	ng/ul	90
22) Benzo(k)fluoranthene	22.99	252	72030	0.604	ng/ul	96
23) Benzo(a)pyrene	23.39	252	433644	3.801	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.72	276	277165	2.244	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.72	278	76328	0.773	ng/ul	95
26) Benzo(g,h,i)perylene	26.40	276	222745	2.154	ng/ul	94

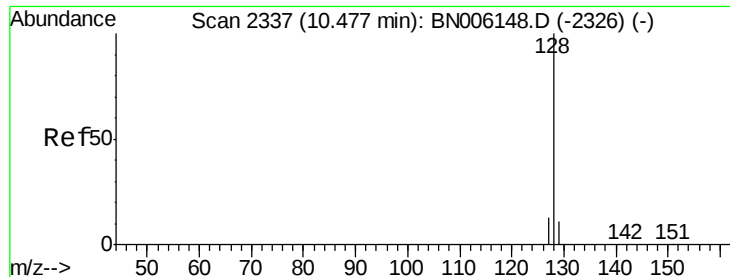
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.539 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Instrument :

BNA_N

ClientSampleId :

C0AC7DL

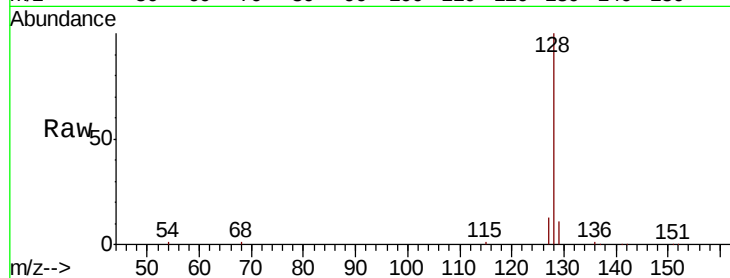
Tgt Ion:128 Resp: 30078

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

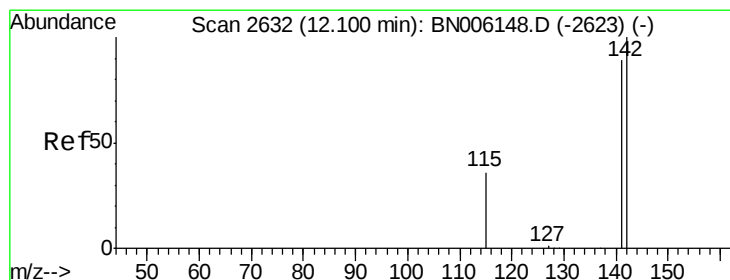
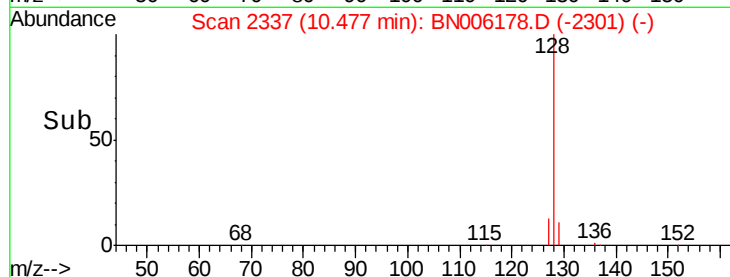
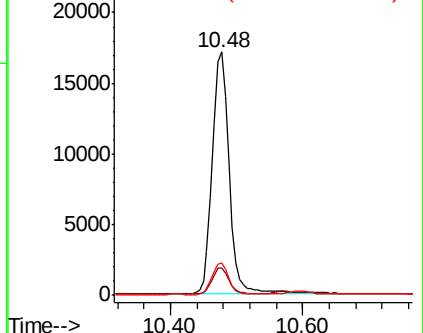
127 13.2 10.7 16.1



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: 0.230 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006178.D

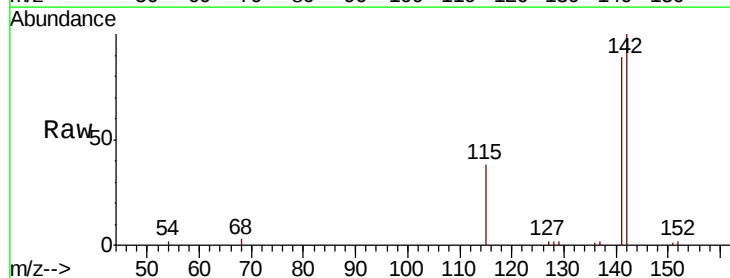
Acq: 07 Jun 2019 21:38

Tgt Ion:142 Resp: 8970

Ion Ratio Lower Upper

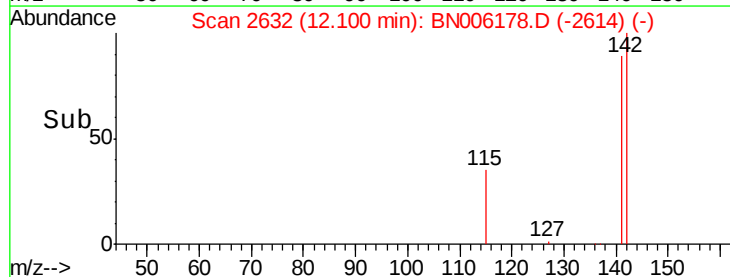
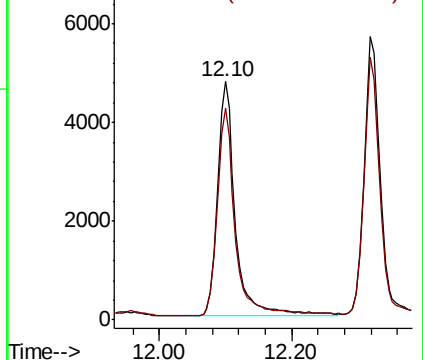
142 100

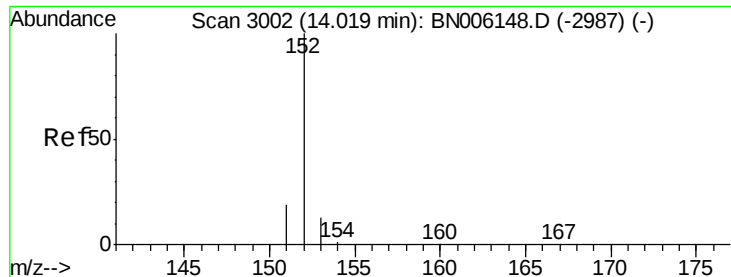
141 88.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.779 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Instrument :

BNA_N

ClientSampleId :

C0AC7DL

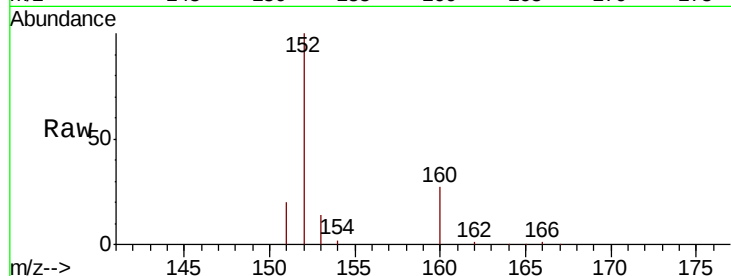
Tgt Ion:152 Resp: 43954

Ion Ratio Lower Upper

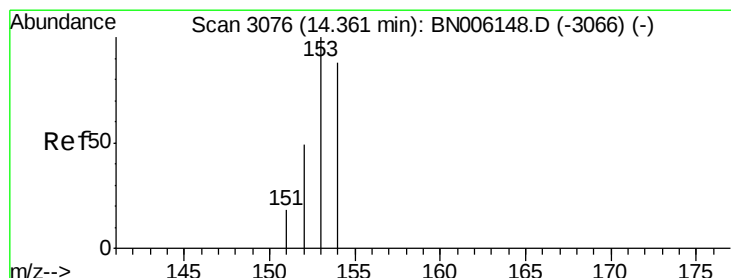
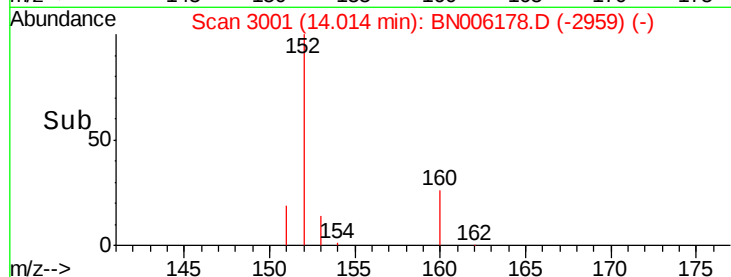
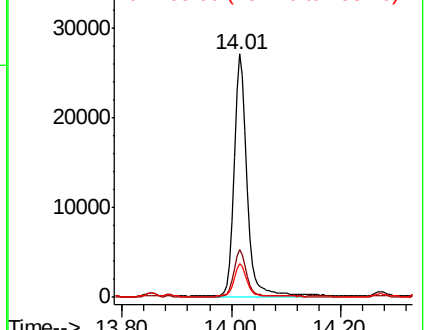
152 100

151 19.7 15.8 23.8

153 13.9 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: 0.693 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

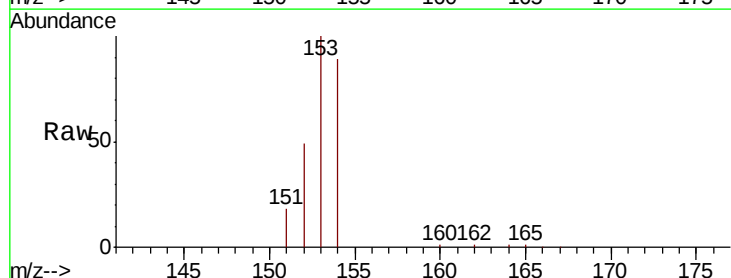
Tgt Ion:153 Resp: 27111

Ion Ratio Lower Upper

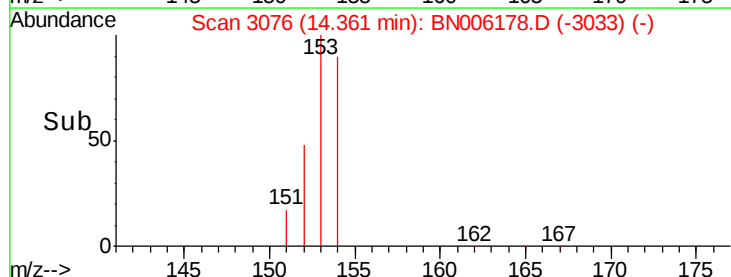
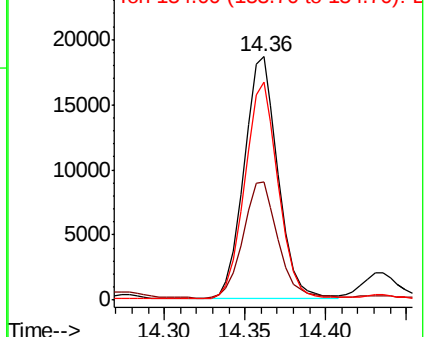
153 100

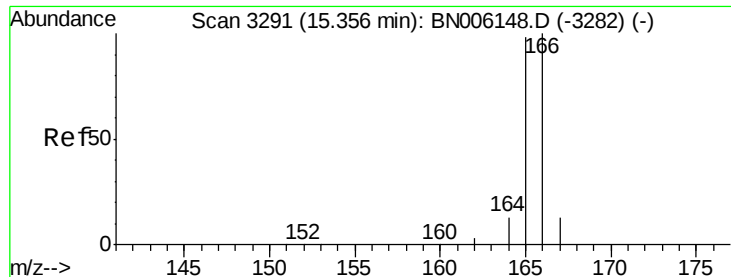
152 48.6 39.1 58.7

154 89.5 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

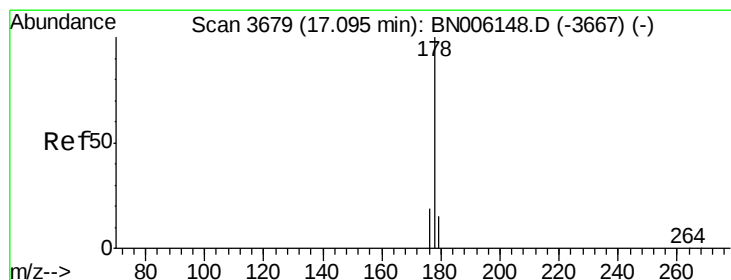
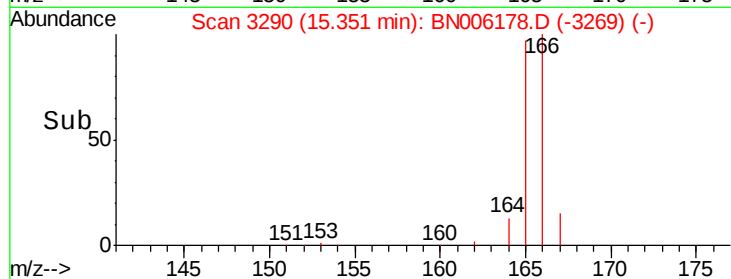
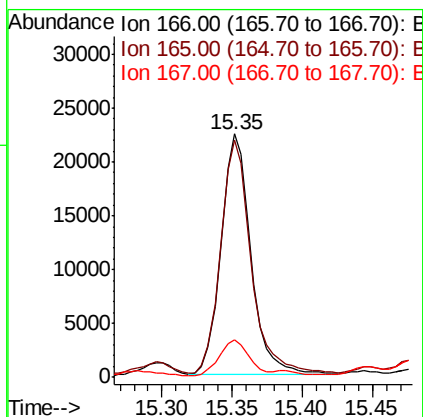
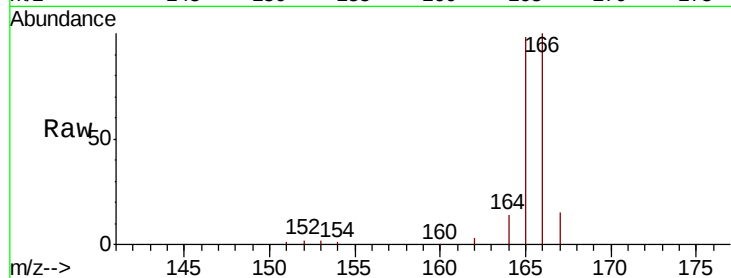




#9
Fluorene
 Concen: 0.724 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006178.D
 Acq: 07 Jun 2019 21:38

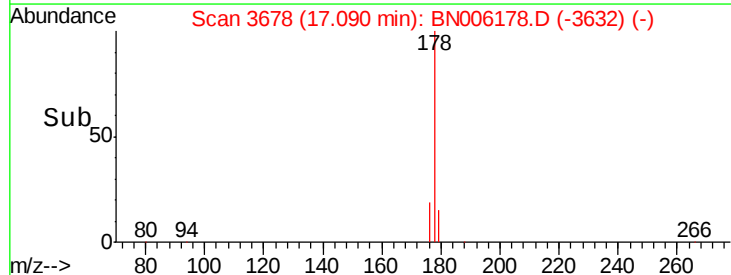
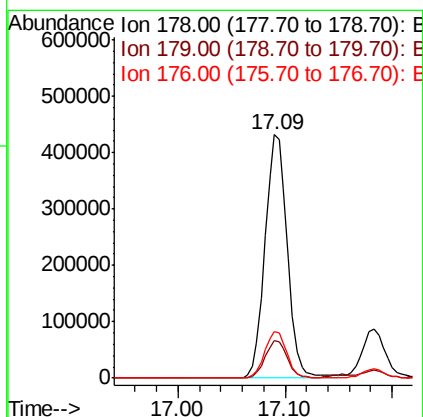
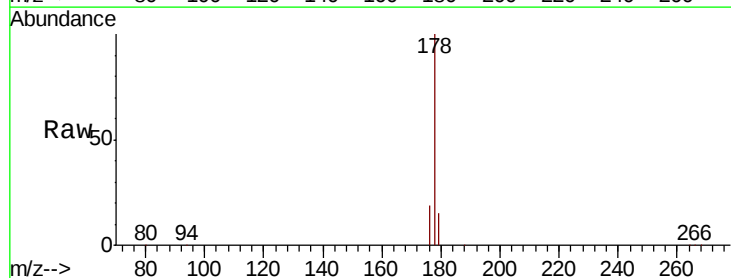
Instrument :
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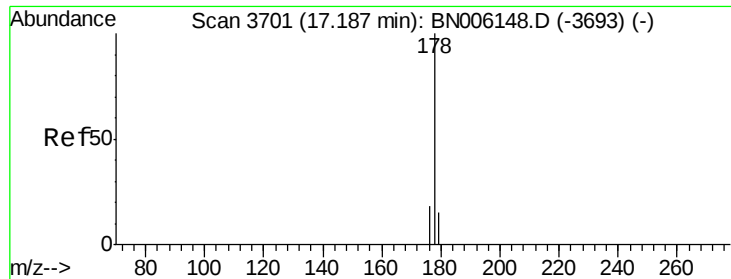
Tgt Ion:166 Resp: 33154
 Ion Ratio Lower Upper
 166 100
 165 97.6 76.4 114.6
 167 15.3 11.0 16.6



#12
Phenanthrene
 Concen: 8.979 ng/ul
 RT: 17.09 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN006178.D
 Acq: 07 Jun 2019 21:38

Tgt Ion:178 Resp: 625159
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 19.3 15.3 22.9





#13

Anthracene

Concen: 1.795 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Instrument :

BNA_N

ClientSampleId :

C0AC7DL

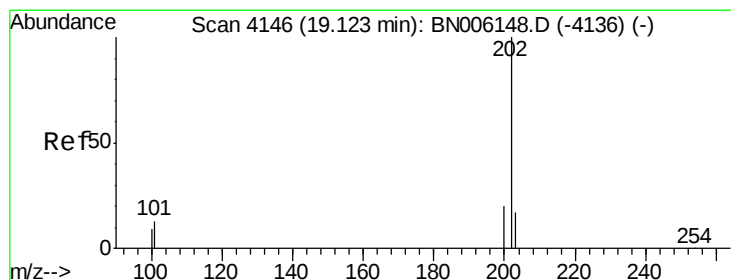
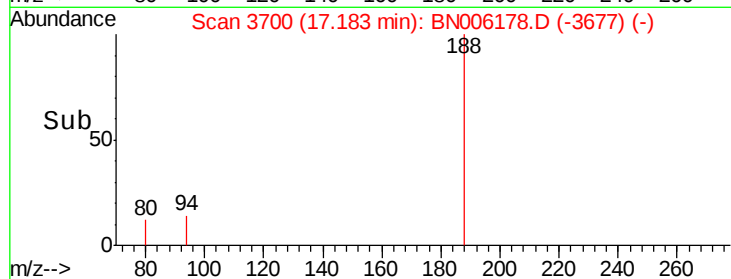
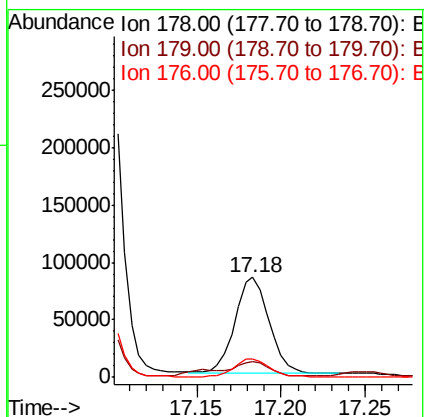
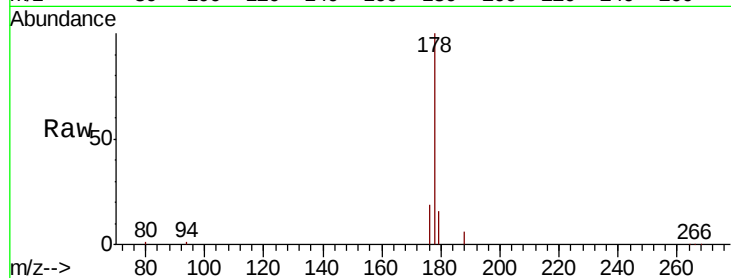
Tgt Ion:178 Resp: 119350

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 18.5 15.1 22.7



#15

Fluoranthene

Concen: 13.864 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

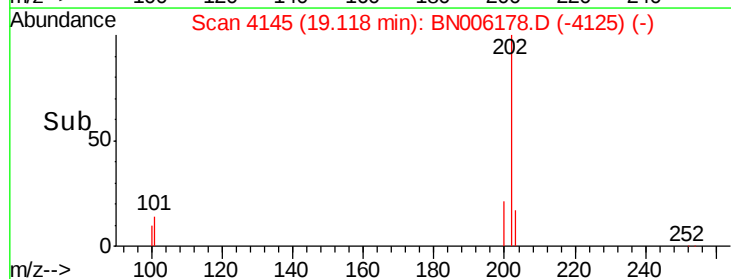
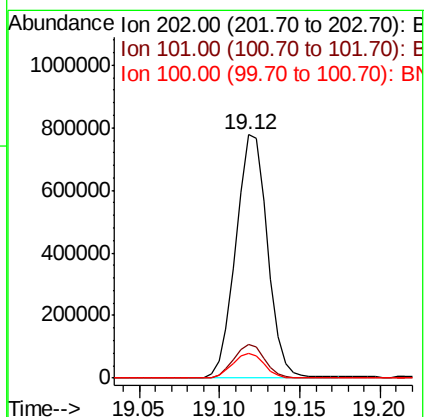
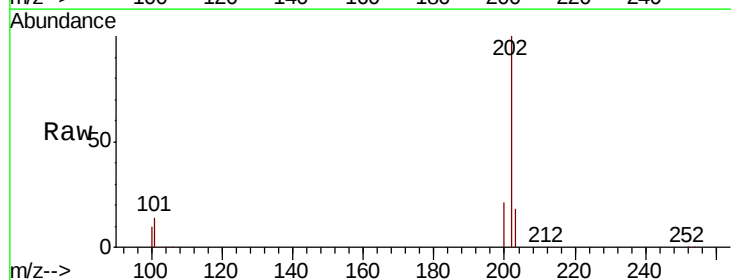
Tgt Ion:202 Resp: 1065918

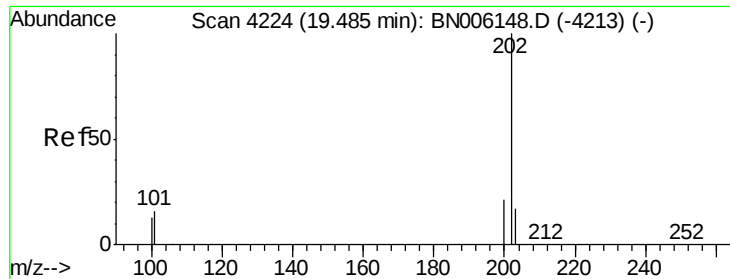
Ion Ratio Lower Upper

202 100

101 13.8 0.0 32.1

100 10.3 0.0 28.7

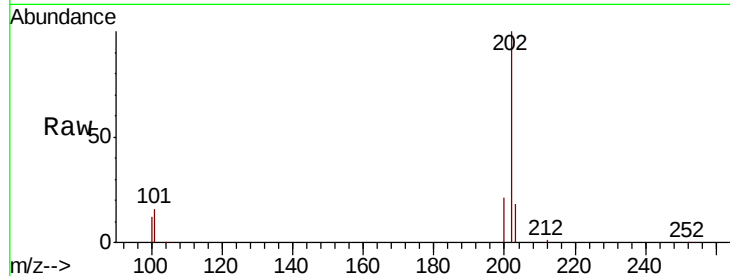




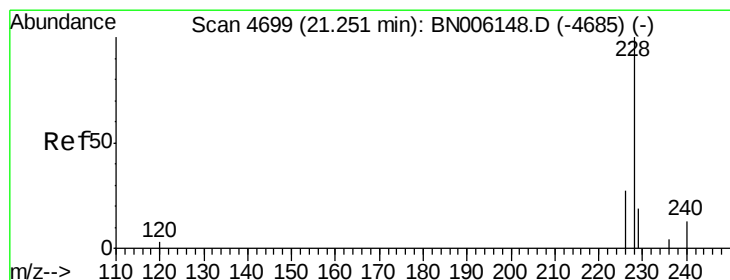
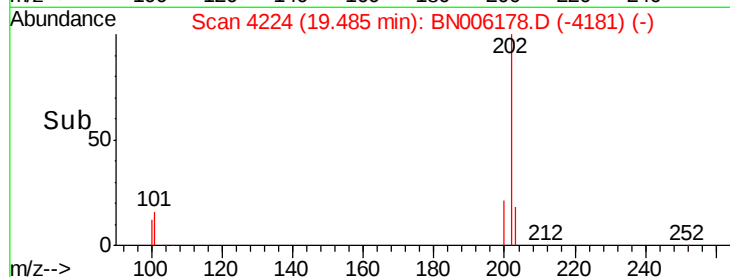
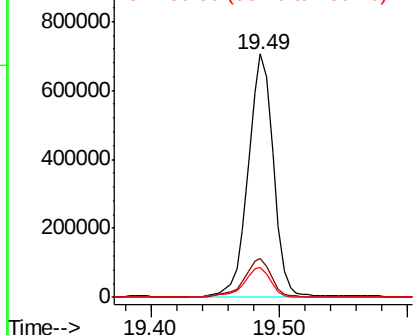
#17
Pyrene
Concen: 10.103 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006178.D
Acq: 07 Jun 2019 21:38

Instrument :
BNA_N
ClientSampleId :
C0AC7DL

Tgt Ion:202 Resp: 960174
Ion Ratio Lower Upper
202 100
101 15.7 12.2 18.2
100 12.3 9.8 14.6

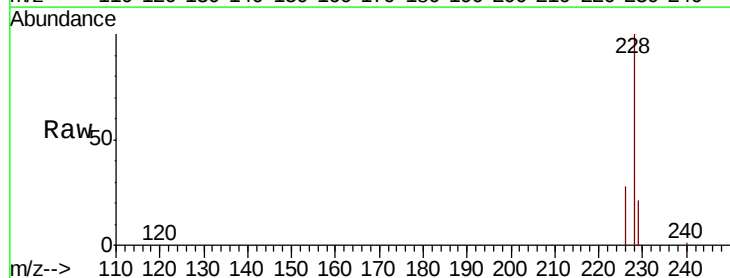


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

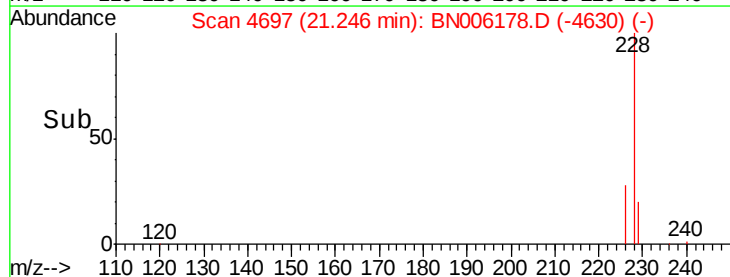
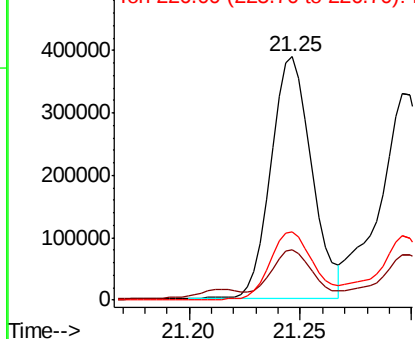


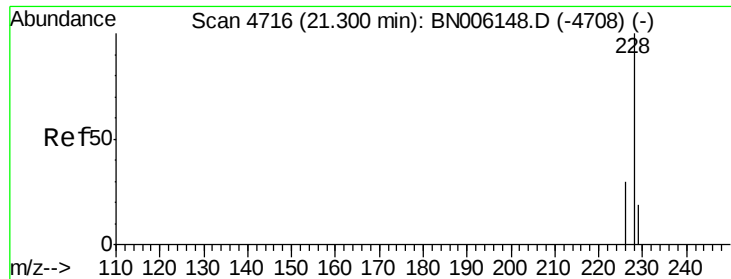
#18
Benzo(a)anthracene
Concen: 6.174 ng/ul
RT: 21.25 min Scan# 4697
Delta R.T. -0.00 min
Lab File: BN006178.D
Acq: 07 Jun 2019 21:38

Tgt Ion:228 Resp: 492631
Ion Ratio Lower Upper
228 100
229 20.6 16.5 24.7
226 28.3 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: 6.736 ng/ul

RT: 21.30 min Scan# 4714

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Instrument :

BNA_N

ClientSampleId :

C0AC7DL

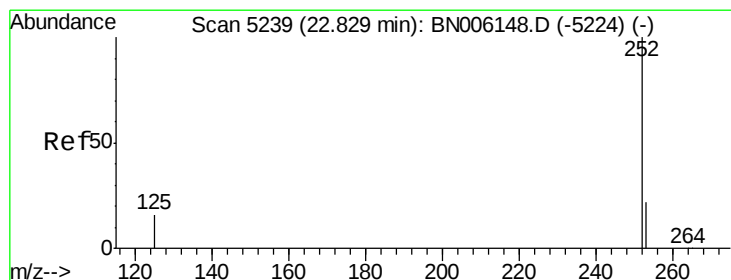
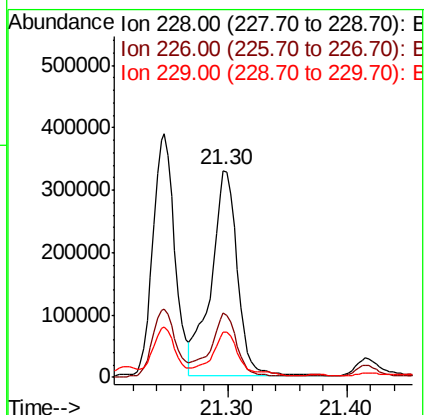
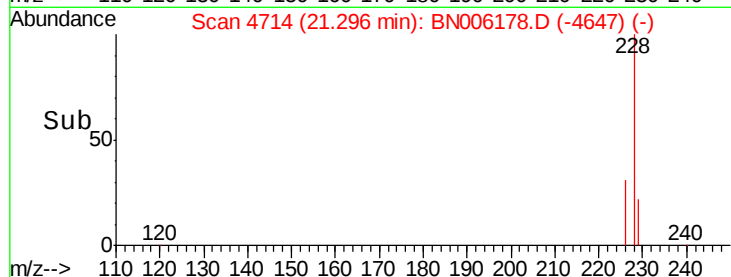
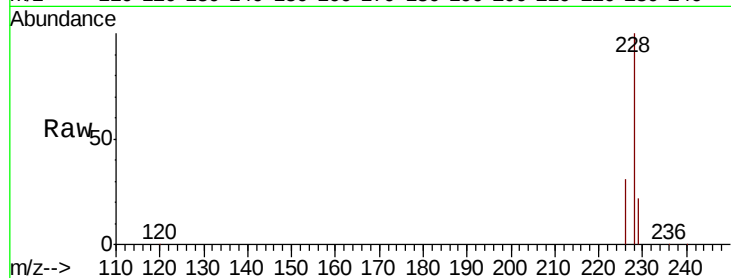
Tgt Ion:228 Resp: 504588

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 22.0 16.3 24.5



#21

Benzo(b)fluoranthene

Concen: 6.865 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

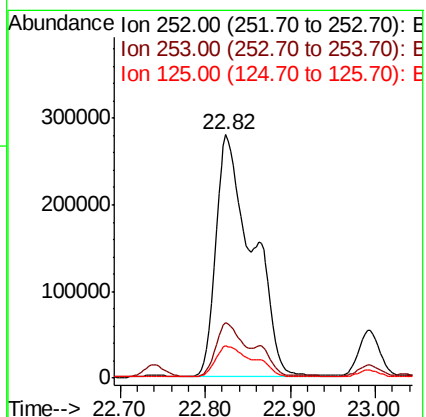
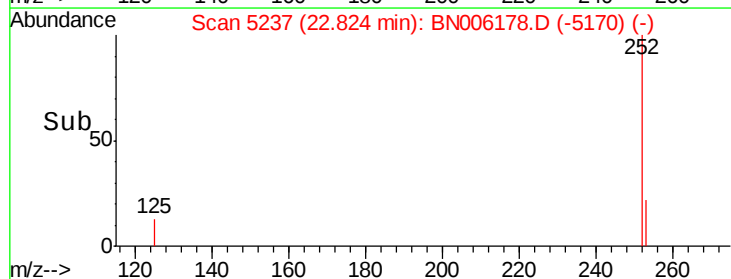
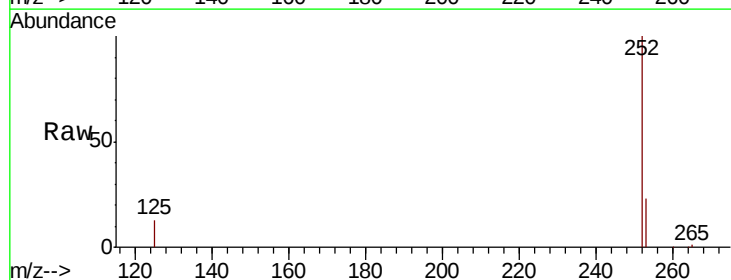
Tgt Ion:252 Resp: 840997

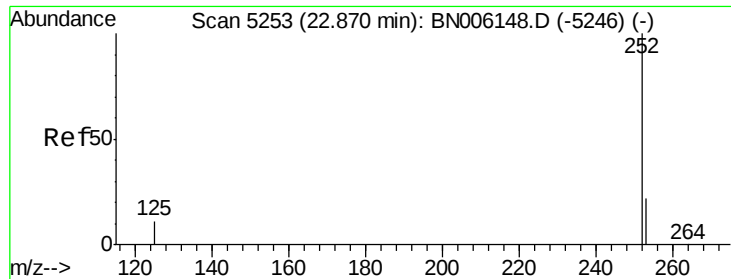
Ion Ratio Lower Upper

252 100

253 22.7 0.0 51.4

125 13.2 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 0.604 ng/ul

RT: 22.99 min Scan# 5295

Delta R.T. 0.12 min

Lab File: BN006178.D

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Instrument :

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C0AC7DL

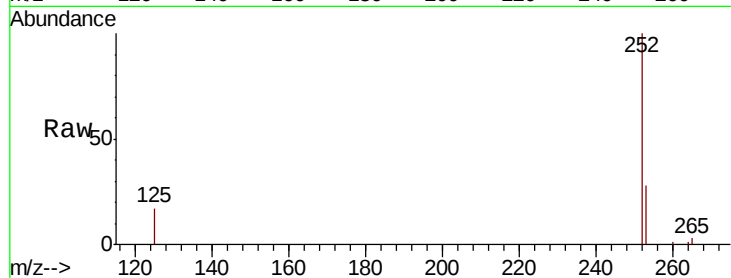
Tgt Ion:252 Resp: 72030

Ion Ratio Lower Upper

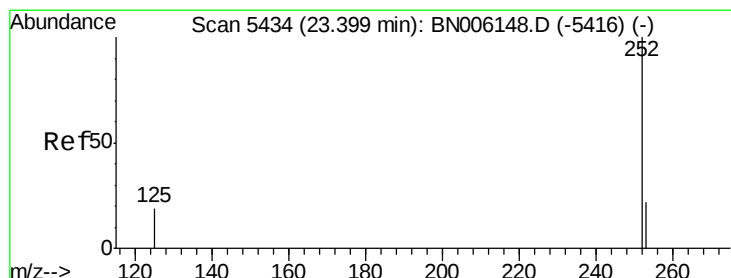
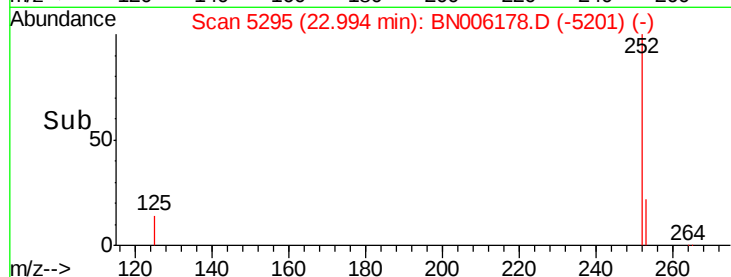
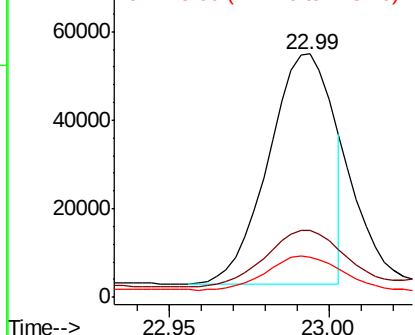
252 100

253 27.7 20.3 30.5

125 16.5 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: 3.801 ng/ul

RT: 23.39 min Scan# 5432

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

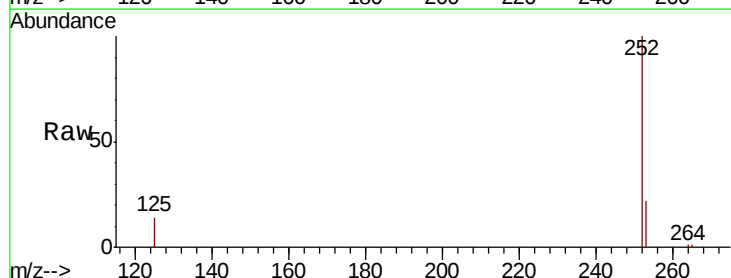
Tgt Ion:252 Resp: 433644

Ion Ratio Lower Upper

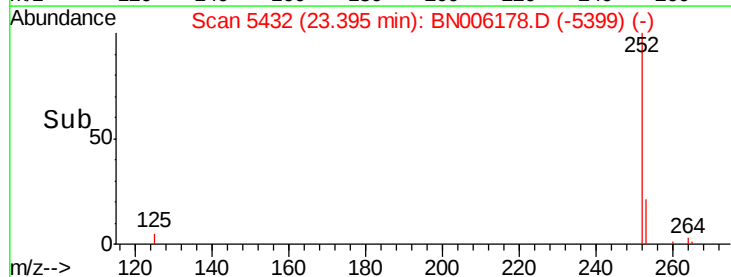
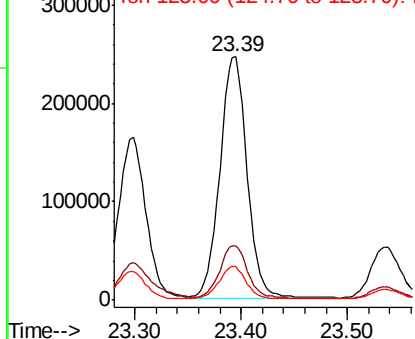
252 100

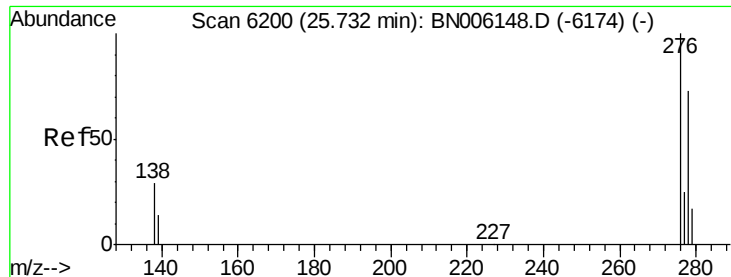
253 22.5 21.1 31.7

125 13.6 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



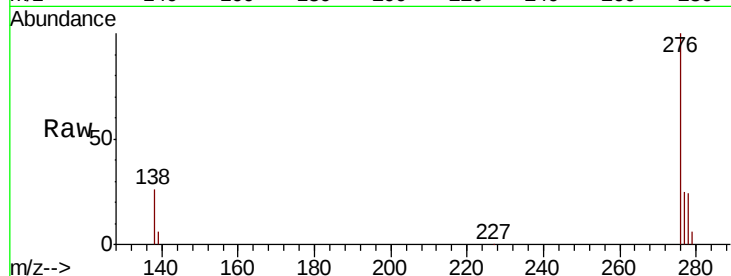


#24

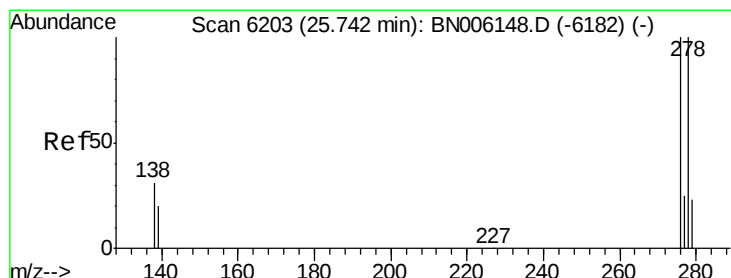
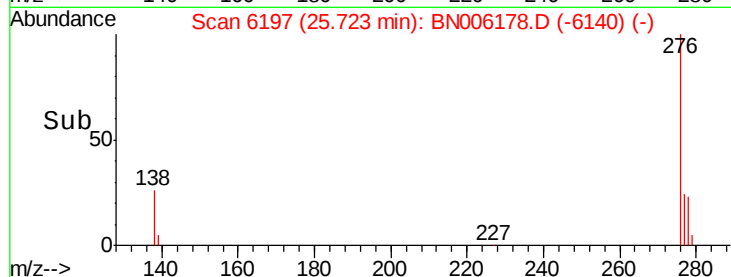
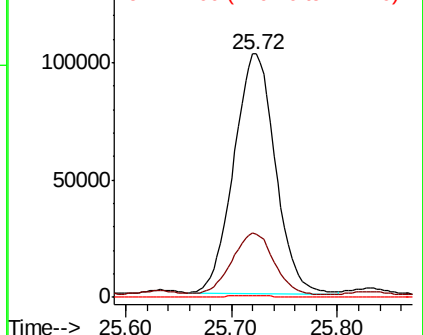
Indeno(1,2,3-cd)pyrene
Concen: 2.244 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.01 min
Lab File: BN006178.D
Acq: 07 Jun 2019 21:38

Instrument :
BNA_N
ClientSampleId :
C0AC7DL

Tgt Ion: 276 Resp: 277165
Ion Ratio Lower Upper
276 100
138 26.0 25.6 38.4
227 0.2 0.3 0.5#



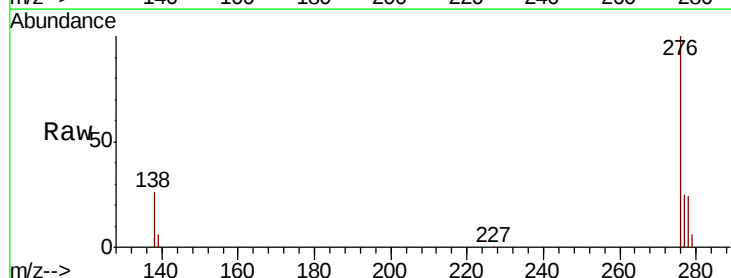
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



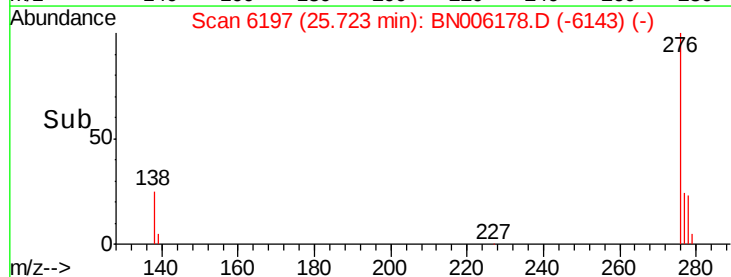
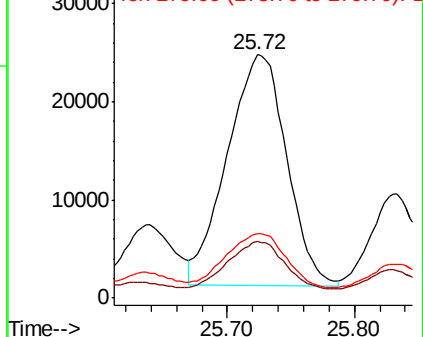
#25

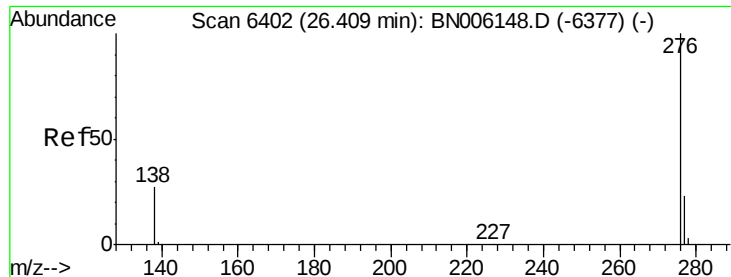
Dibenzo(a,h)anthracene
Concen: 0.773 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.02 min
Lab File: BN006178.D
Acq: 07 Jun 2019 21:38

Tgt Ion: 278 Resp: 76328
Ion Ratio Lower Upper
278 100
139 23.1 21.2 31.8
279 26.6 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: 2.154 ng/ul

RT: 26.40 min Scan# 6399

Delta R.T. -0.01 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Instrument :

BNA_N

ClientSampleId :

C0AC7DL

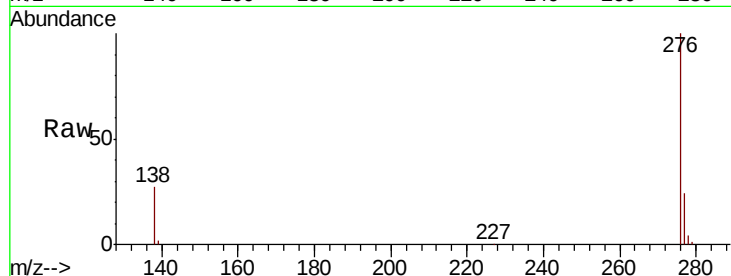
Tgt Ion: 276 Resp: 222745

Ion Ratio Lower Upper

276 100

138 27.0 24.2 36.4

277 24.2 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

