

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006149.D
 Acq On : 07 Jun 2019 00:03
 Operator : JU/SJ
 Sample : K3201-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

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Quant Time: Jun 07 01:44:56 2019
 Quant Title :
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5992	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	23214	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12577	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	26644m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21904m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	21746m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	8340	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	21905m	0.31	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.48	128	26545	0.414	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	9506	0.213	ng/ul	100
7) Acenaphthylene	14.02	152	143225	2.049	ng/ul	99
8) Acenaphthene	14.36	153	16307	0.336	ng/ul	99
9) Fluorene	15.35	166	18928	0.334	ng/ul#	94
12) Phenanthrene	17.09	178	574841m	6.721	ng/ul	
13) Anthracene	17.18	178	155598m	1.905	ng/ul	
15) Fluoranthene	19.12	202	1549208m	16.404	ng/ul	
17) Pyrene	19.49	202	1407001	12.195	ng/ul	97
18) Benzo(a)anthracene	21.24	228	815457m	8.417	ng/ul	
19) Chrysene	21.30	228	838856	9.224	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	1258915m	13.884	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	455717m	5.160	ng/ul	
23) Benzo(a)pyrene	23.40	252	814948	9.650	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.72	276	695326	7.607	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.72	278	168296	2.303	ng/ul	92
26) Benzo(a,h,i)perylene	26.41	276	545217	7.121	ng/ul	94

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

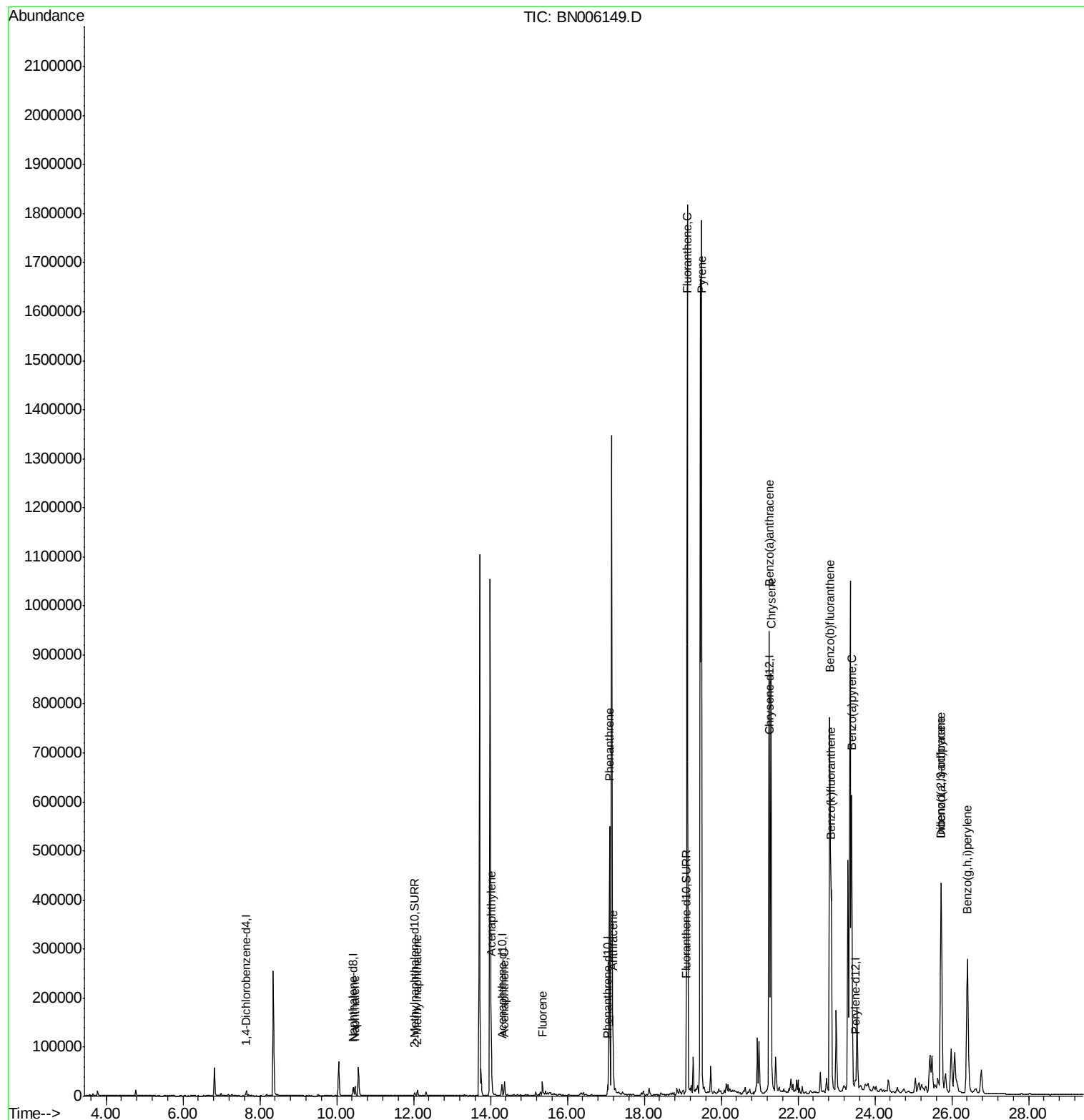
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006149.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

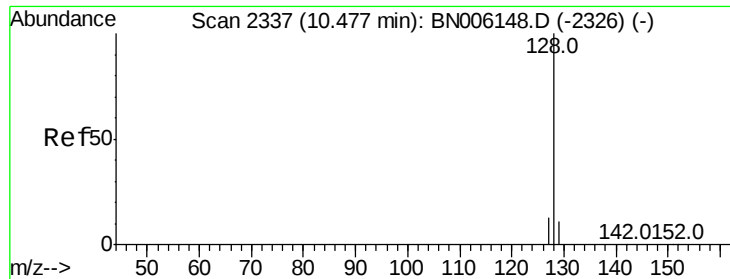
Instrument :
BNA_N
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C0AC0

Quant Time: Jun 07 01:44:56 2019
Quant Title :
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.414 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

Instrument :

BNA_N

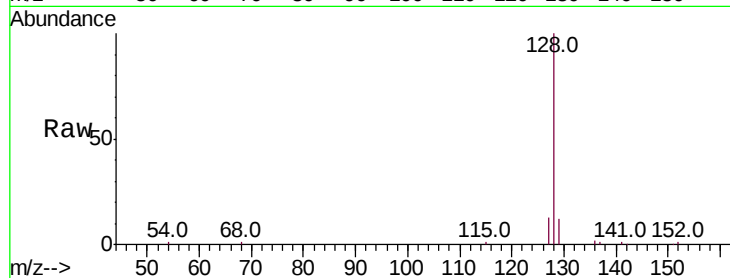
ClientSampleId :

C0AC0

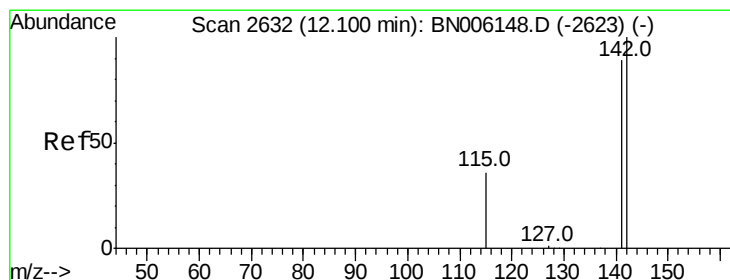
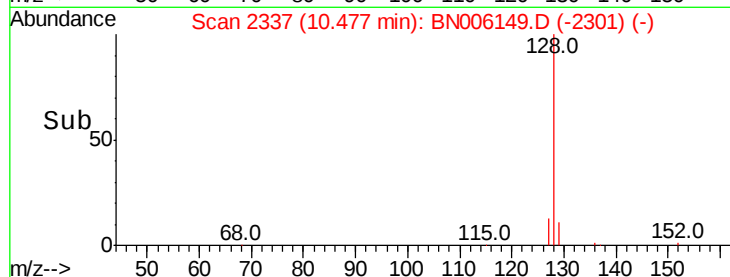
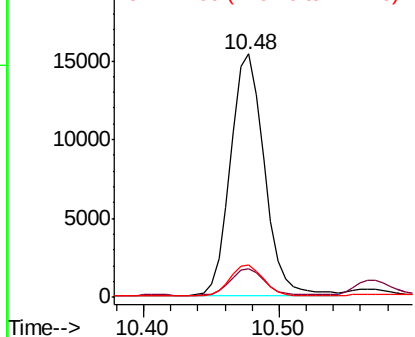
Tot Ion:	128	Resp:	26545
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.3	13.9
127	13.1	10.7	16.1

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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: 0.213 ng/ul

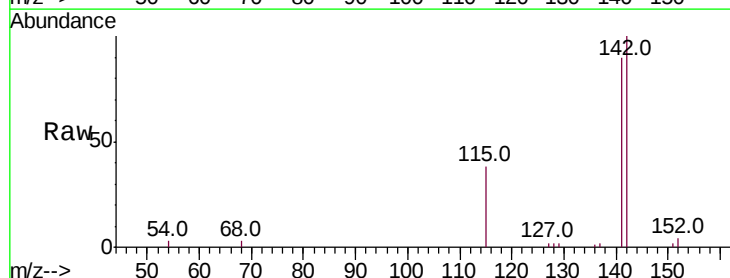
RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

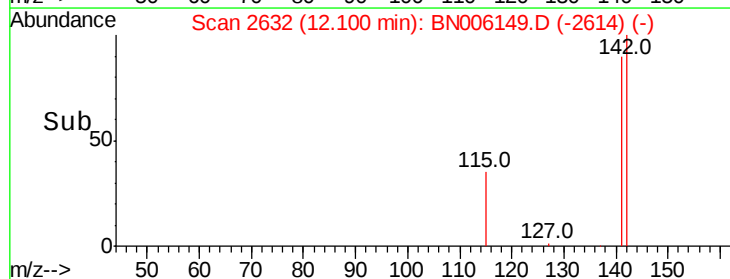
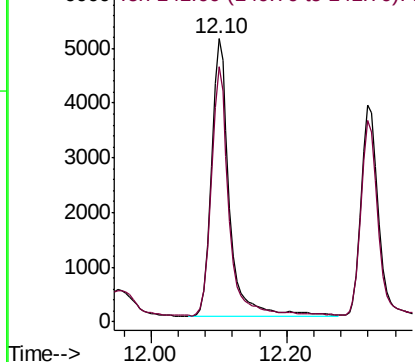
Lab File: BN006149.D

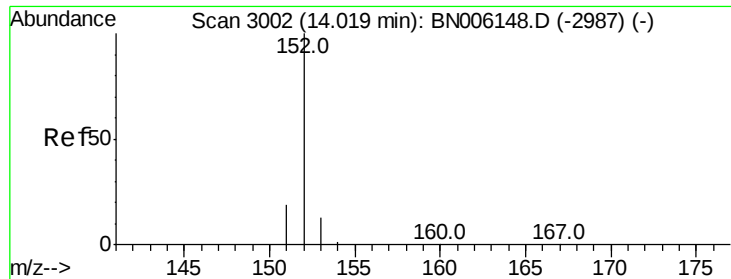
Acq: 07 Jun 2019 00:03

Tgt Ion:	142	Resp:	9506
Ion Ratio	Lower	Upper	
142	100		
141	87.5	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: 2.049 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

Instrument :

BNA_N

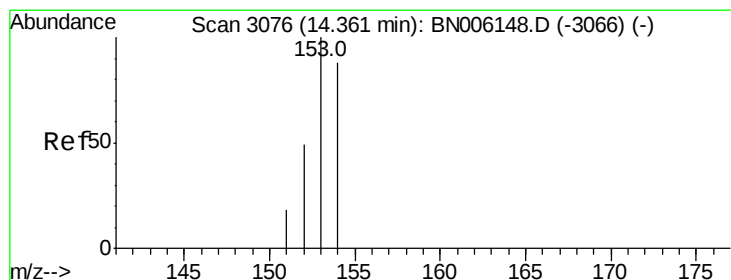
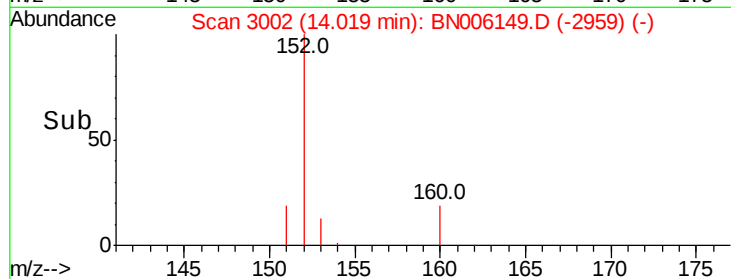
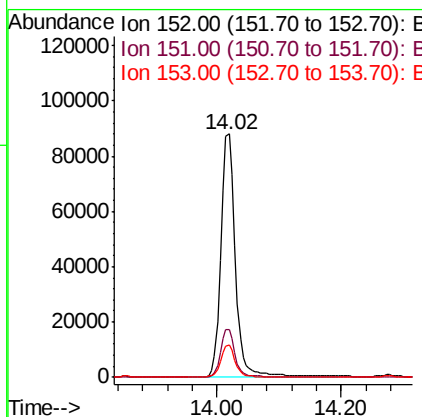
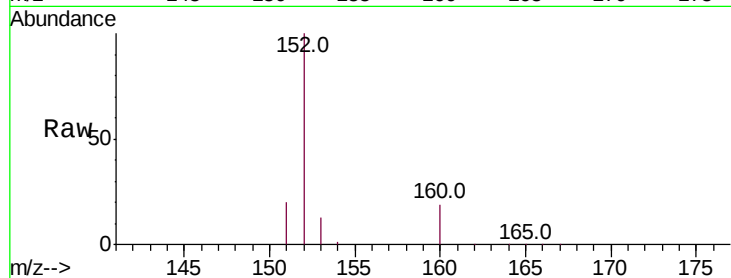
ClientSampleId :

C0AC0

Tot Ion:	152	Resp:	143225
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.8
153	13.2	10.8	16.2

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#8

Acenaphthene

Concen: 0.336 ng/ul

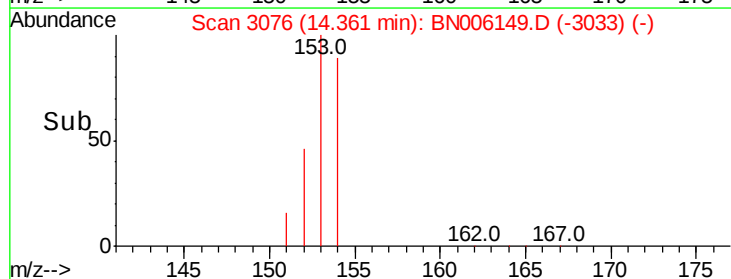
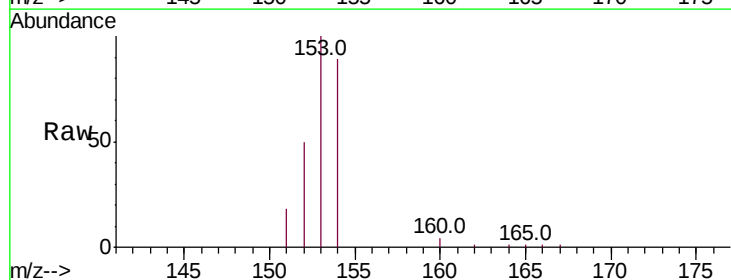
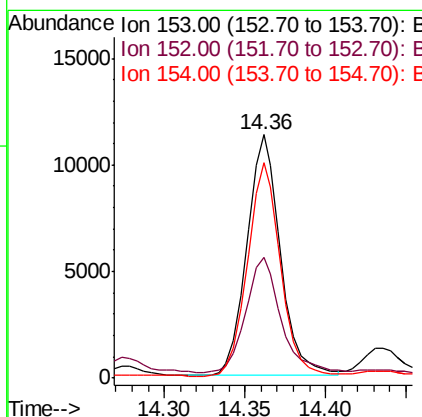
RT: 14.36 min Scan# 3076

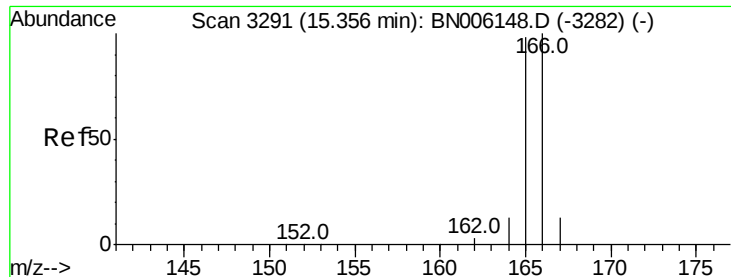
Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

Tgt Ion:	153	Resp:	16307
Ion Ratio	Lower	Upper	
153	100		
152	49.7	39.1	58.7
154	88.5	71.1	106.7





#9

Fluorene

Concen: 0.334 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

Instrument :

BNA_N

ClientSampleId :

C0AC0

Tot Ion:166 Resp: 18928

Ion Ratio Lower Upper

166 100

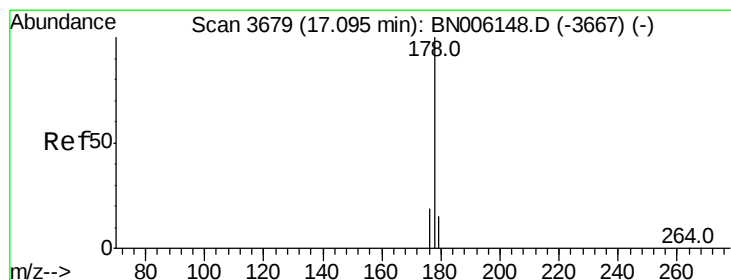
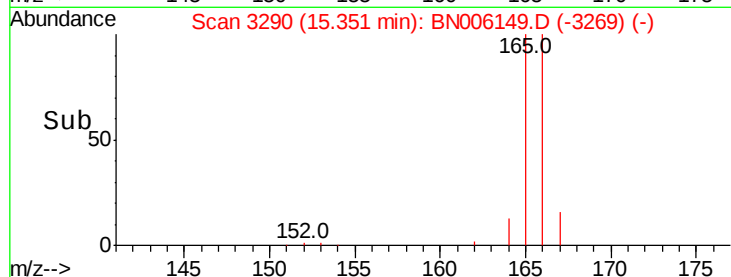
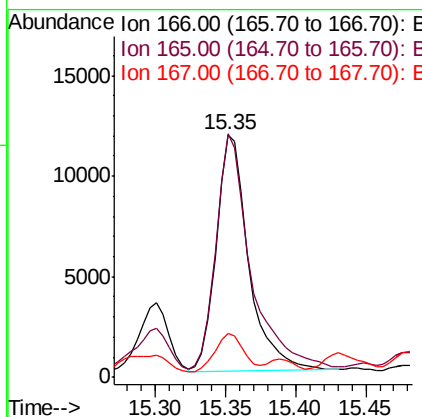
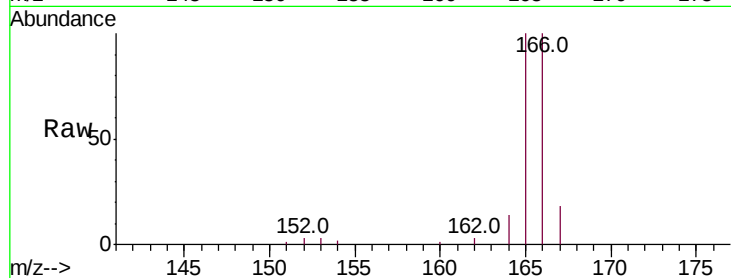
165 100.5 76.4 114.6

167 18.0 11.0 16.6#

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#12

Phenanthrene

Concen: 6.721 ng/ul m

RT: 17.09 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

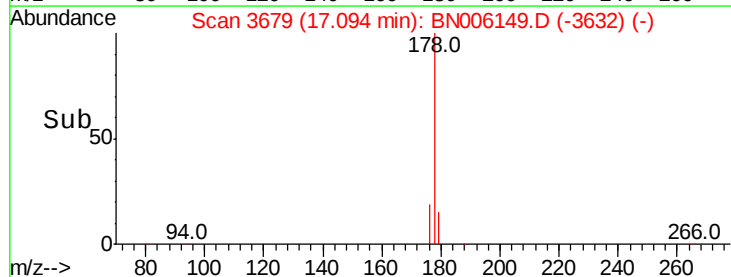
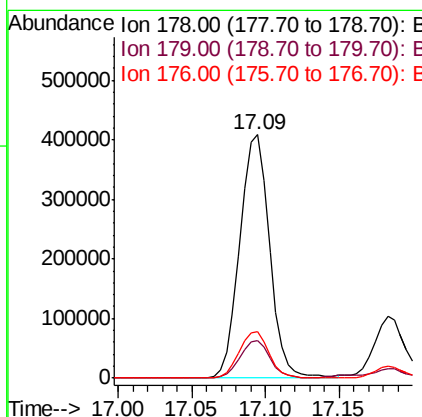
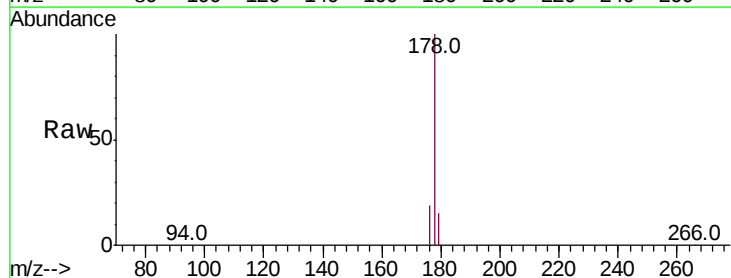
Tgt Ion:178 Resp: 574841

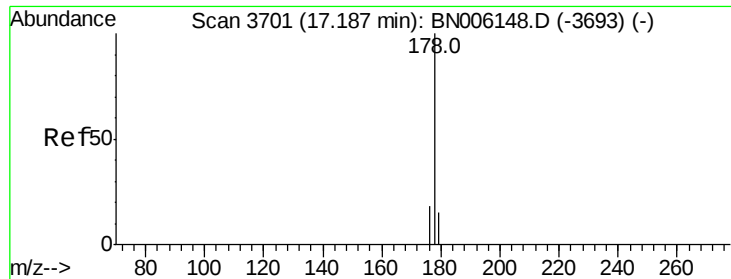
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.9 15.3 22.9





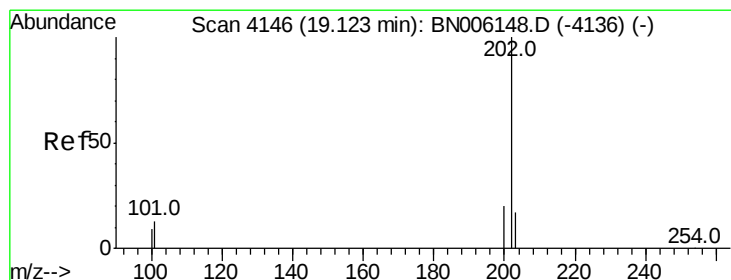
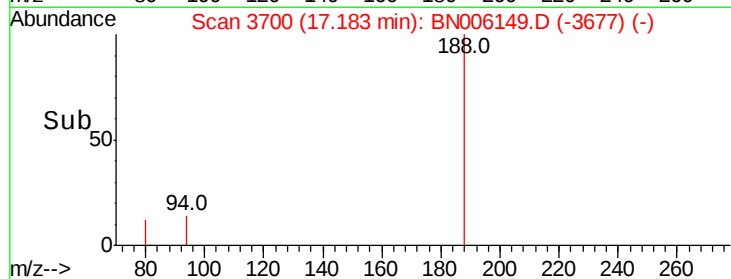
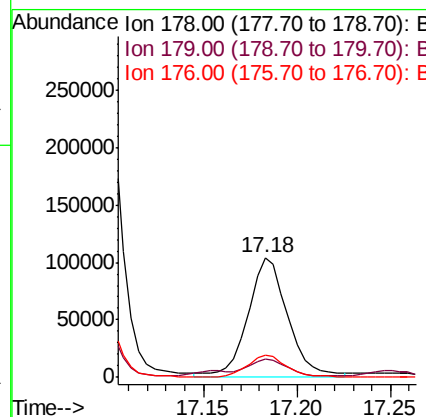
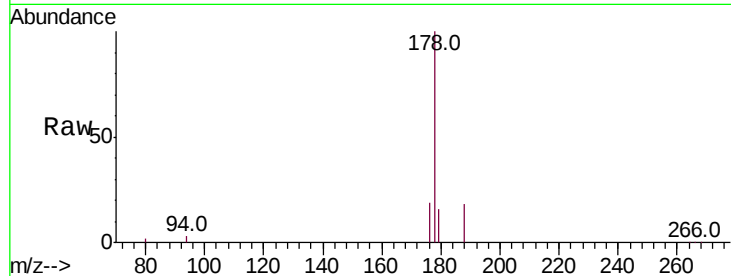
#13
 Anthracene
 Concen: 1.905 ng/ul m
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006149.D
 Acq: 07 Jun 2019 00:03

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.6	15.1	22.7

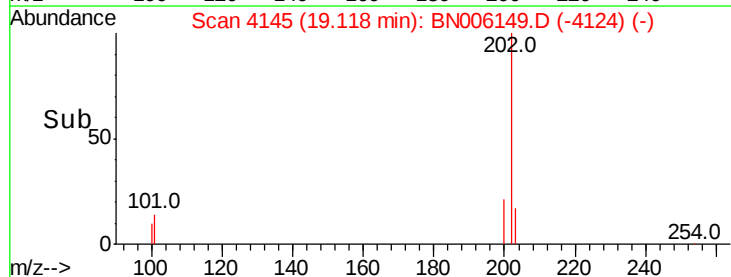
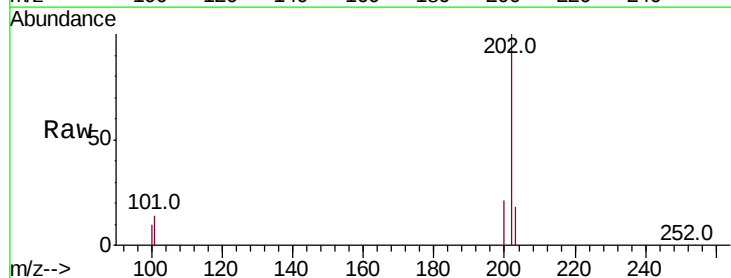
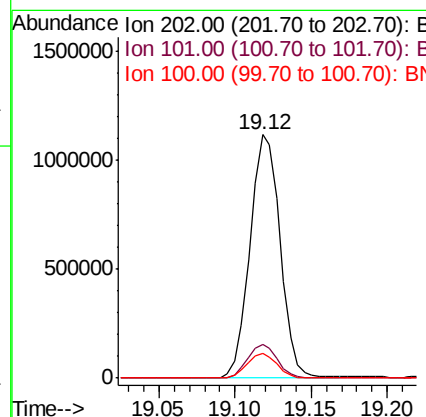
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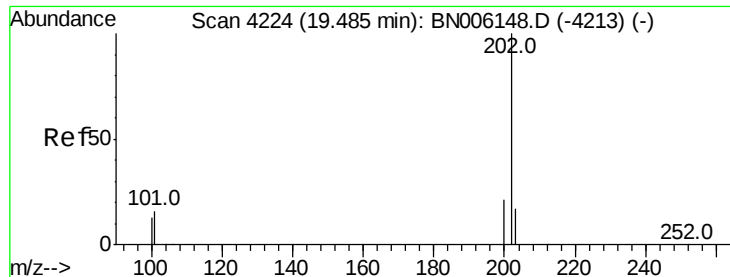
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#15
 Fluoranthene
 Concen: 16.404 ng/ul m
 RT: 19.12 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN006149.D
 Acq: 07 Jun 2019 00:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	32.1
100	10.3	0.0	28.7





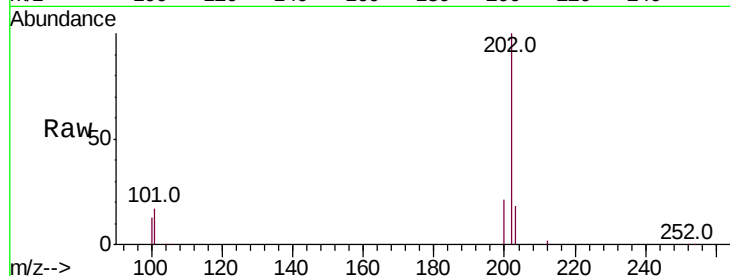
#17
Pvrene
Concen: 12.195 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006149.D
Acq: 07 Jun 2019 00:03

Instrument :
BNA_N
ClientSampleId :
C0AC0

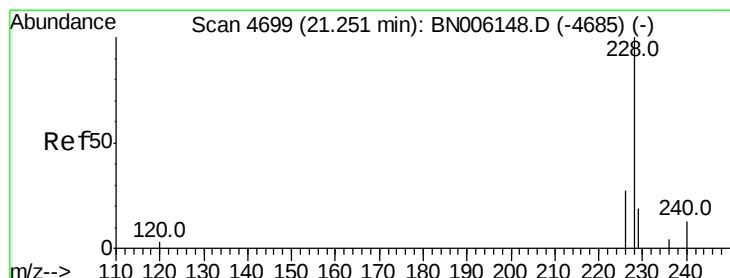
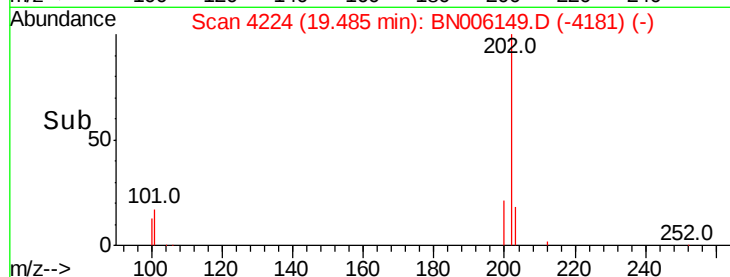
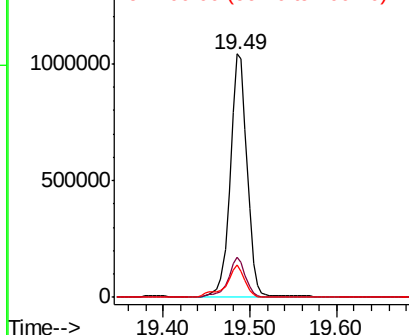
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.6	12.2	18.2
100	13.2	9.8	14.6

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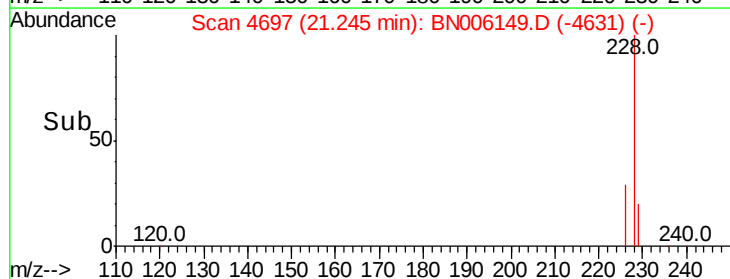
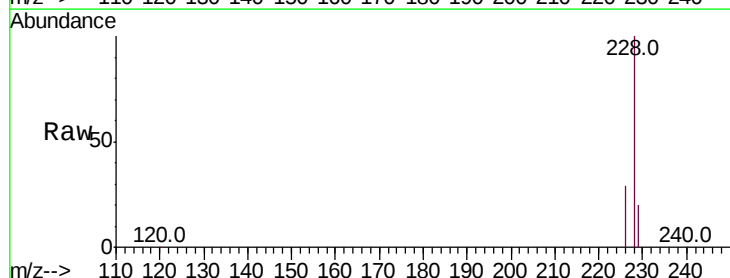
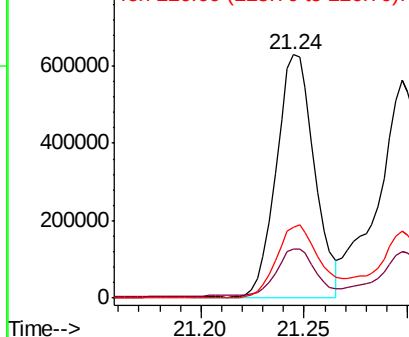
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

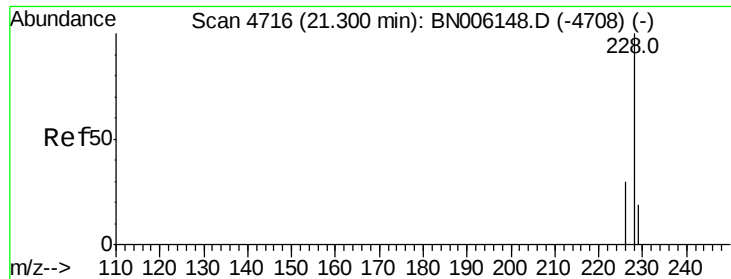


#18
Benzo(a)anthracene
Concen: 8.417 ng/ul m
RT: 21.24 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN006149.D
Acq: 07 Jun 2019 00:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.5	24.7
226	29.3	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: 9.224 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

Instrument :

BNA_N

ClientSampleId :

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Tot Ion:228 Resp: 838856

Ion Ratio Lower Upper

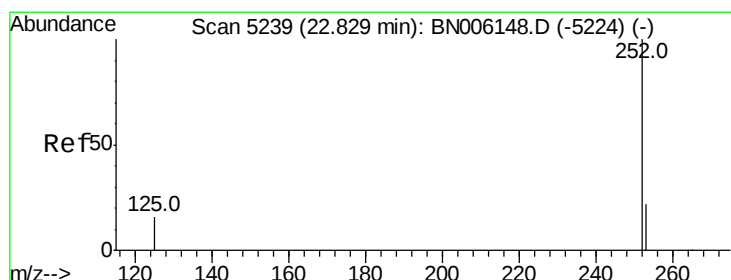
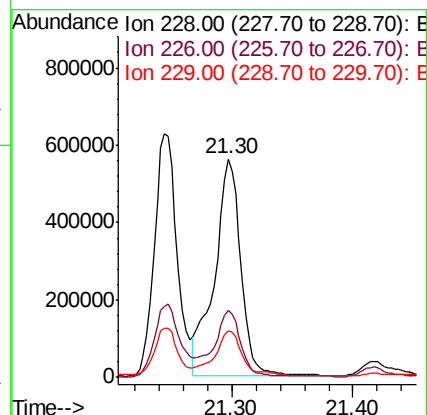
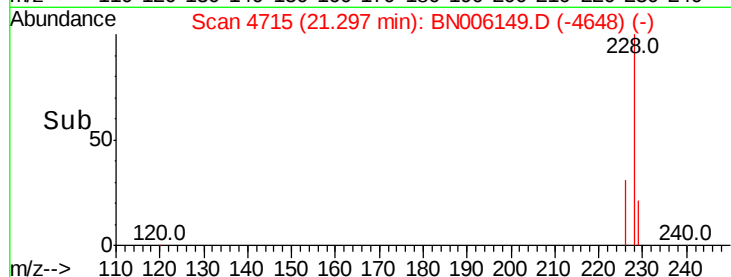
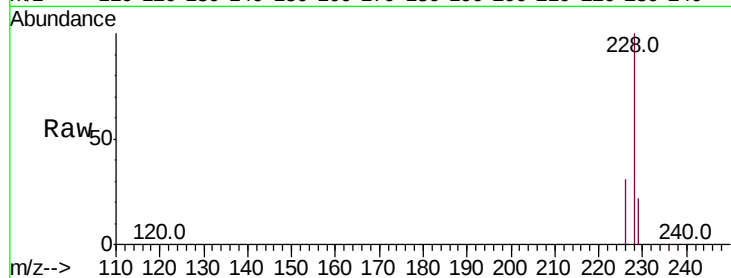
228 100

226 30.9 25.0 37.6

229 21.6 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 13.884 ng/ul m

RT: 22.82 min Scan# 5237

Delta R.T. -0.01 min

Lab File: BN006149.D

Acq: 07 Jun 2019 00:03

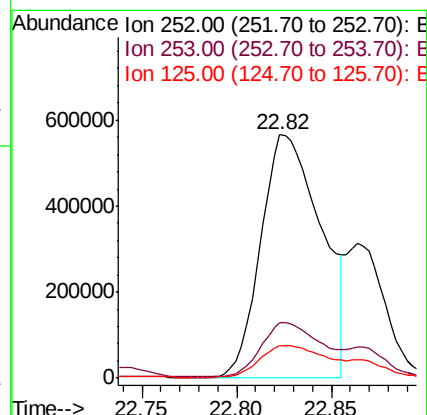
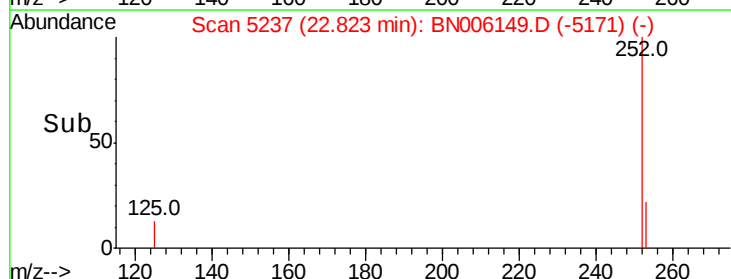
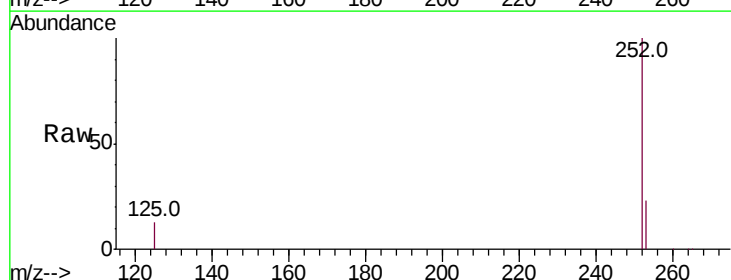
Tgt Ion:252 Resp: 1258915

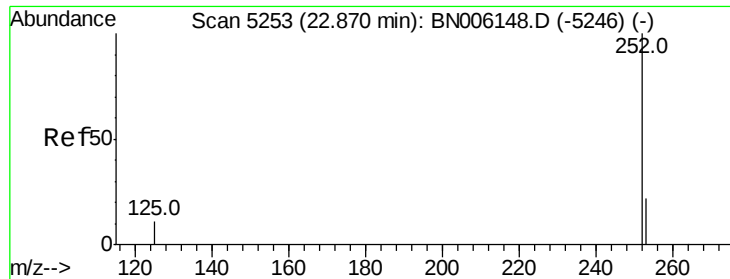
Ion Ratio Lower Upper

252 100

253 22.6 0.0 51.4

125 13.3 0.0 41.0





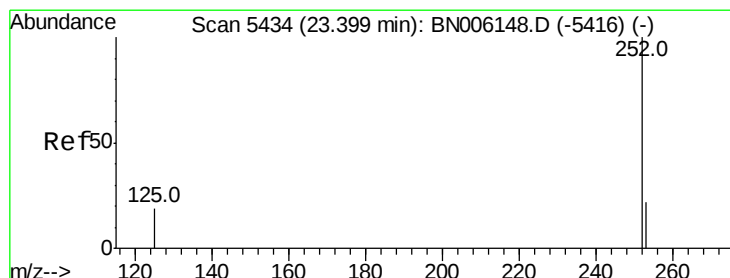
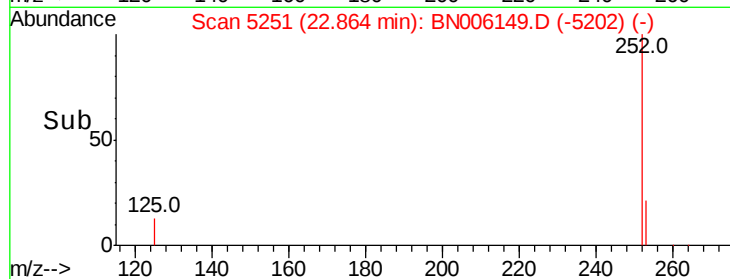
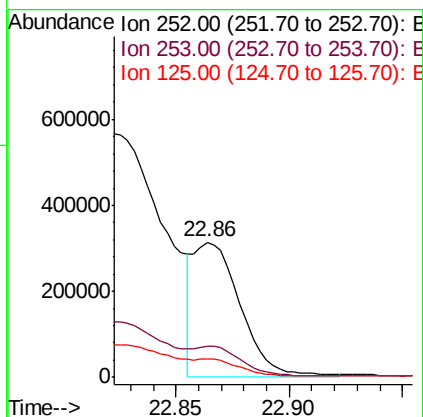
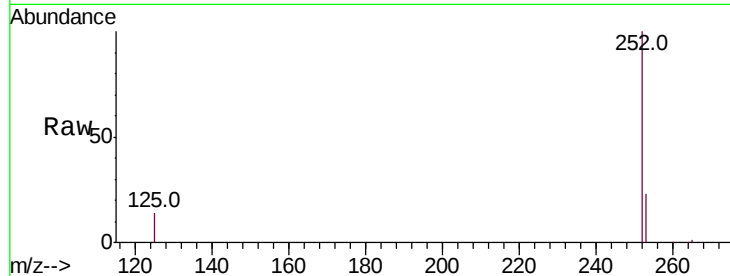
#22
Benzo(k)fluoranthene
Concen: 5.160 ng/ul m
RT: 22.86 min Scan# 5251
Delta R.T. -0.01 min
Lab File: BN006149.D
Acq: 07 Jun 2019 00:03

Instrument :
BNA_N
ClientSampleId :
C0AC0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.3	30.5
125	13.7	14.3	21.5#

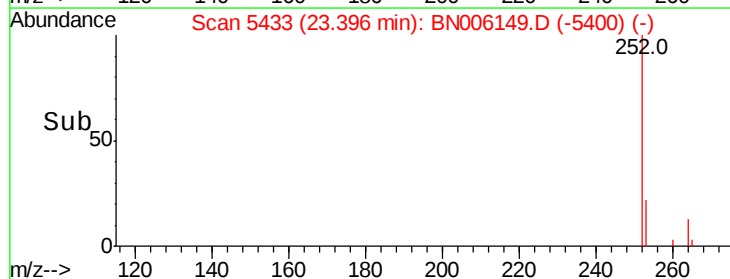
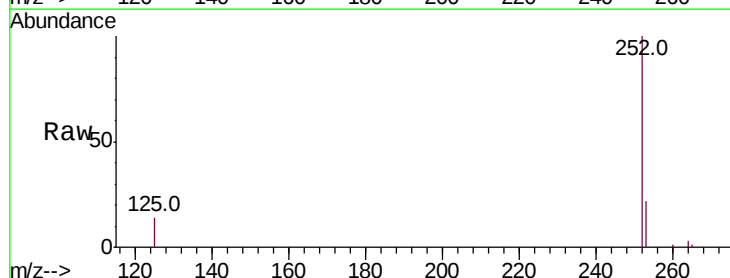
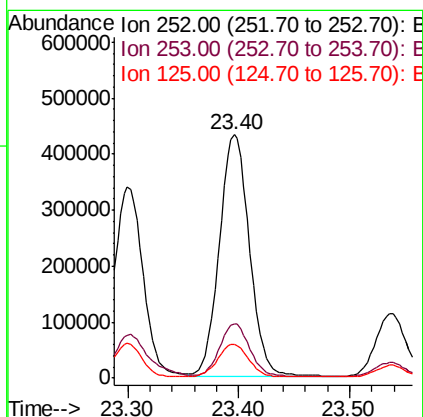
Manual Integrations
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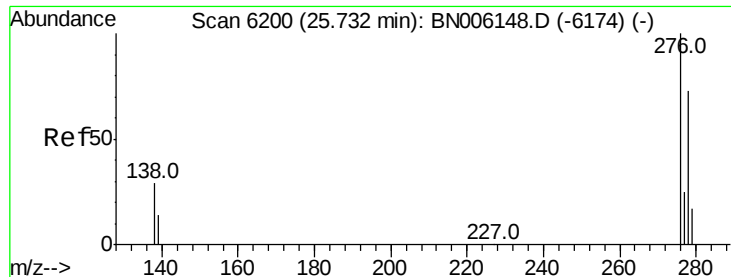
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#23
Benzo(a)pyrene
Concen: 9.650 ng/ul
RT: 23.40 min Scan# 5433
Delta R.T. -0.00 min
Lab File: BN006149.D
Acq: 07 Jun 2019 00:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	21.1	31.7
125	13.9	20.3	30.5#





#24

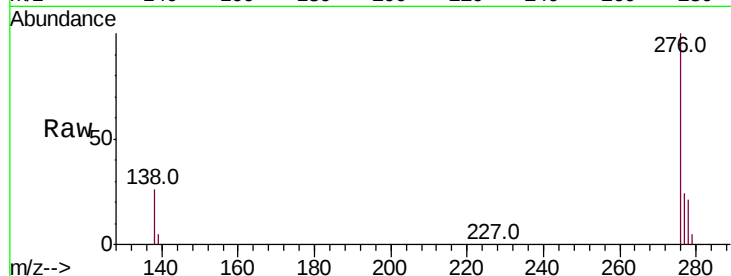
Indeno(1,2,3-cd)pyrene
Concen: 7.607 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.01 min
Lab File: BN006149.D
Acq: 07 Jun 2019 00:03

Instrument :
BNA_N
ClientSampleId :
C0AC0

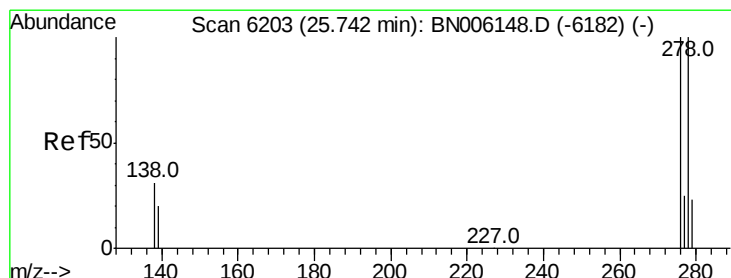
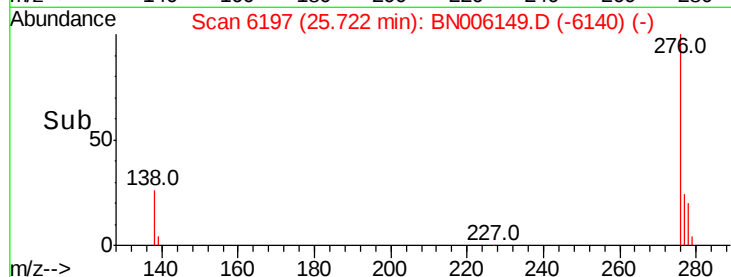
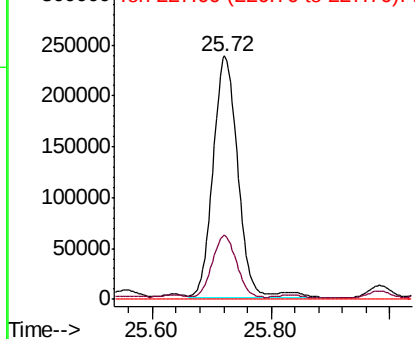
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.6	38.4#
227	0.2	0.3	0.5#

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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

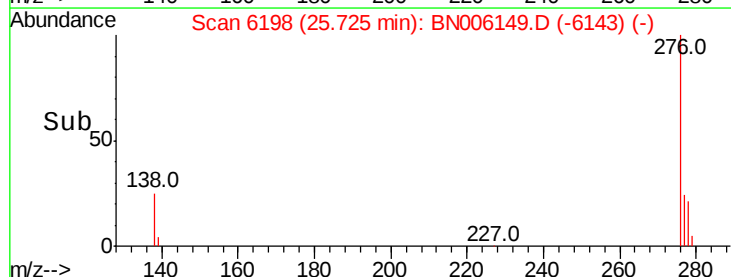
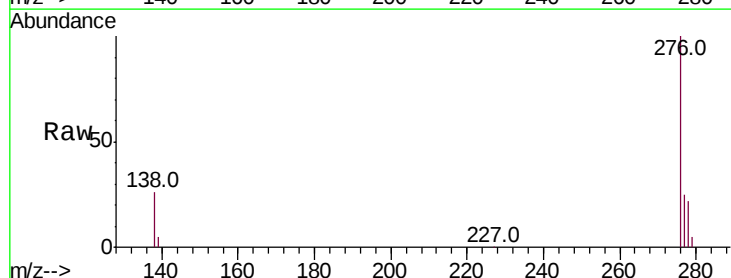
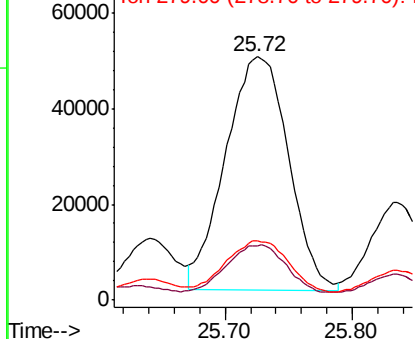


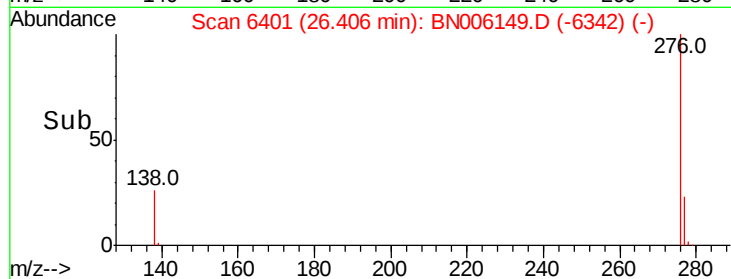
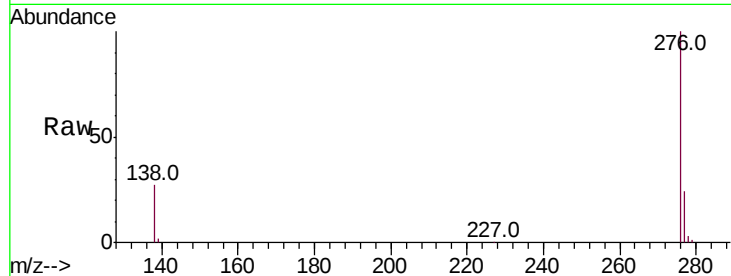
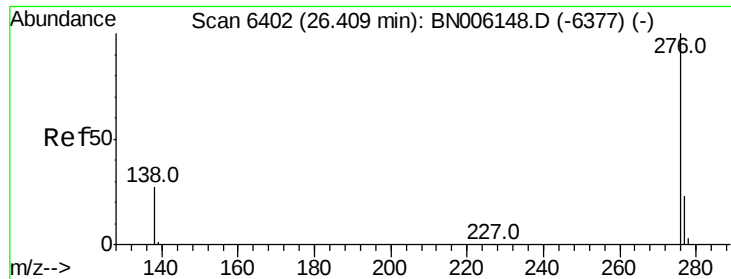
#25

Dibenzo(a,h)anthracene
Concen: 2.303 ng/ul
RT: 25.72 min Scan# 6198
Delta R.T. -0.02 min
Lab File: BN006149.D
Acq: 07 Jun 2019 00:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	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(a,h,i)perylene
Concen: 7.121 ng/ul
RT: 26.41 min Scan# 6401
Delta R.T. -0.00 min
Lab File: BN006149.D
Acq: 07 Jun 2019 00:03

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.6	24.2	36.4
277	23.9	21.5	32.3

Instrument :
BNA_N
ClientSampleId :
C0AC0

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