

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
 Data File : BN008678.D
 Acq On : 21 Nov 2019 01:43
 Operator : JU
 Sample : K5851-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB5

Manual Integrations
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mohammad
 11/21/2019 1:06:47 PM

Quant Time: Nov 21 02:49:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 00:43:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4932	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	18694	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	10596	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	21033	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	15619	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	16867	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4892	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	11423	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	152664	2.709	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	61340	1.559	ng/ul	100
7) Acenaphthylene	13.96	152	6145	0.105	ng/ul#	83
8) Acenaphthene	14.30	153	181417	4.173	ng/ul	98
9) Fluorene	15.29	166	266179	5.214	ng/ul	99
12) Phenanthrene	17.02	178	2363608	33.321	ng/ul	98
13) Anthracene	17.11	178	745069	11.116	ng/ul	98
15) Fluoranthene	19.05	202	2357935	27.057	ng/ul	94
17) Pyrene	19.41	202	1894931	30.241	ng/ul	96
18) Benzo(a)anthracene	21.16	228	911596	14.513	ng/ul	99
19) Chrysene	21.21	228	762877	12.366	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	843231m	12.124	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	309051m	4.480	ng/ul	
23) Benzo(a)pyrene	23.25	252	645619	9.889	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.49	276	363246	4.758	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.49	278	93145	1.511	ng/ul	98
26) Benzo(a,h,i)perylene	26.14	276	329071	5.152	ng/ul	99

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

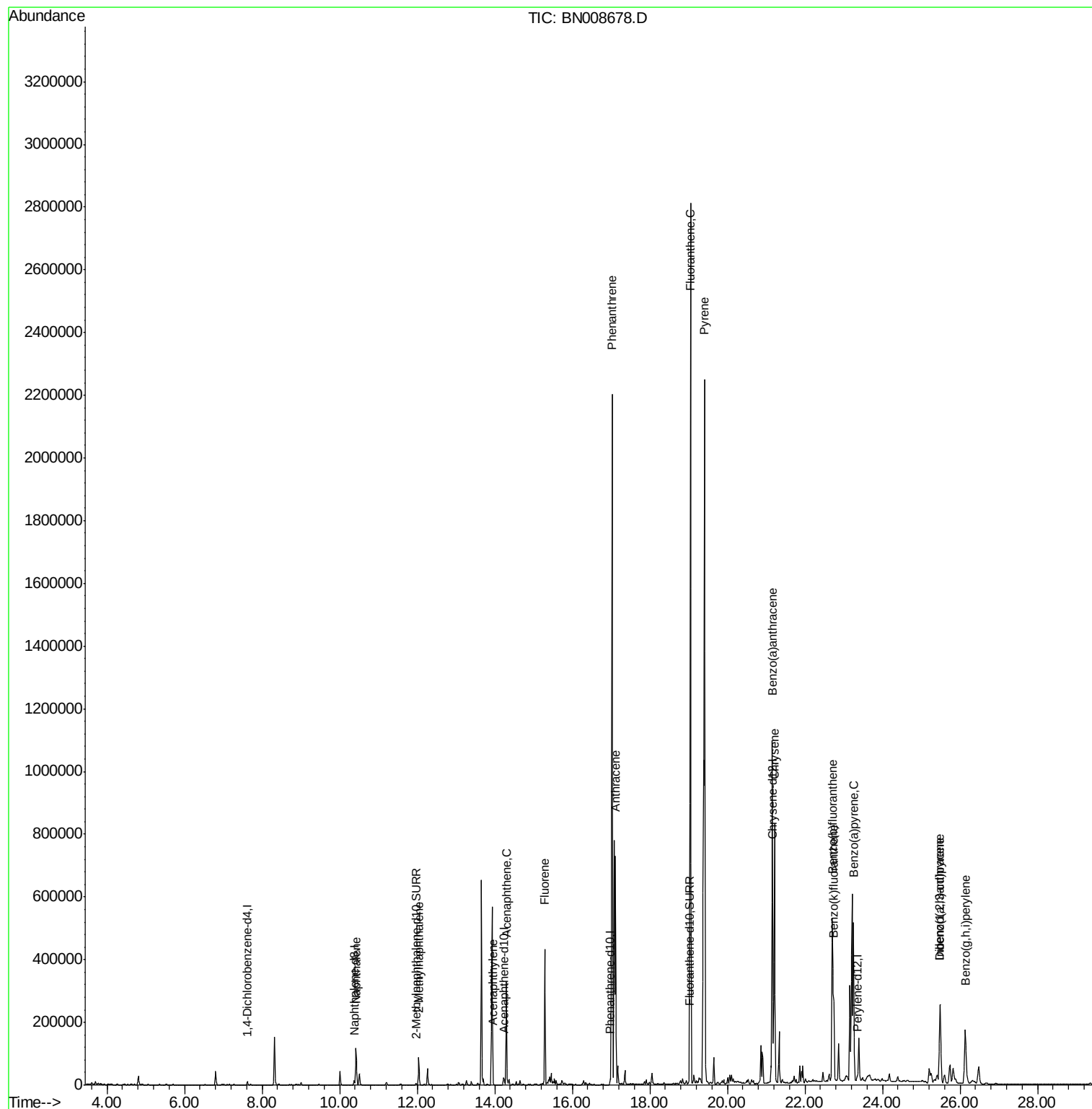
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008678.D
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Misc :
ALS Vial : 26 Sample Multiplier: 1

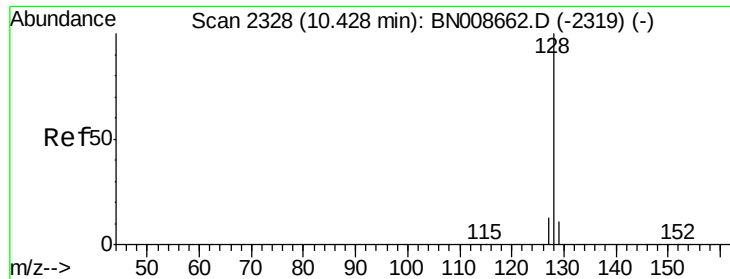
Instrument :
BNA_N
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C0AB5

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Quant Time: Nov 21 02:49:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 00:43:05 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.709 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

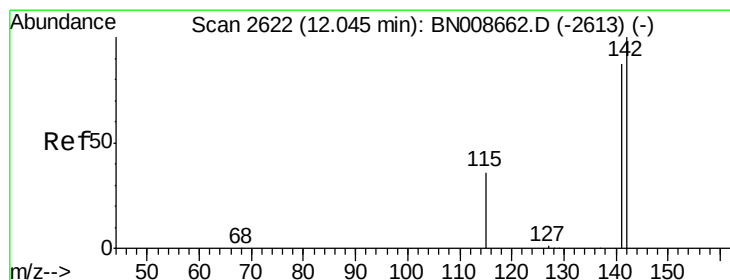
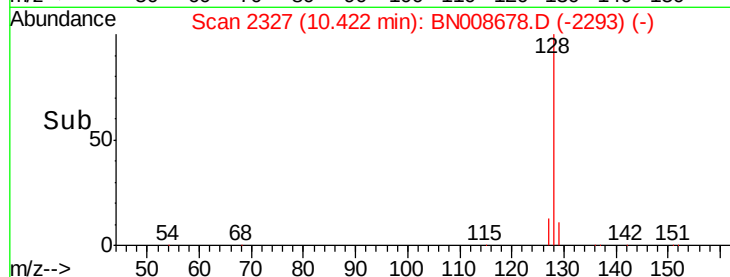
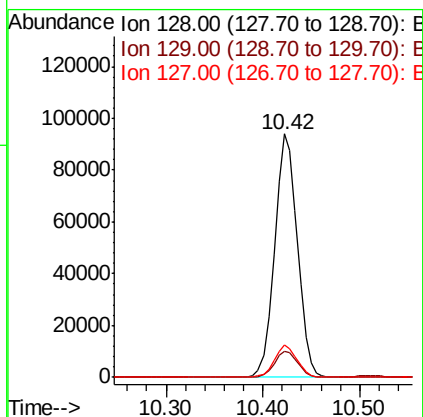
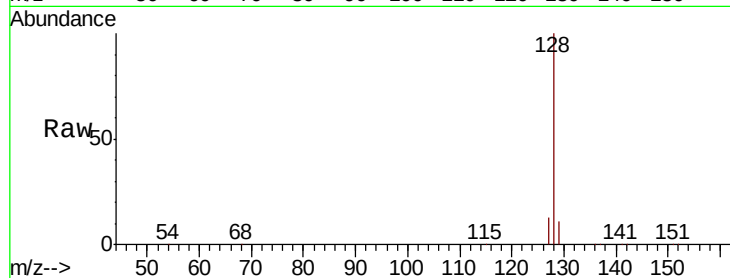
ClientSampleId :

C0AB5

Tot Ion:	128	Resp:	152664
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.7	14.5
127	13.1	10.8	16.2

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#5

2-Methylnaphthalene

Concen: 1.559 ng/ul

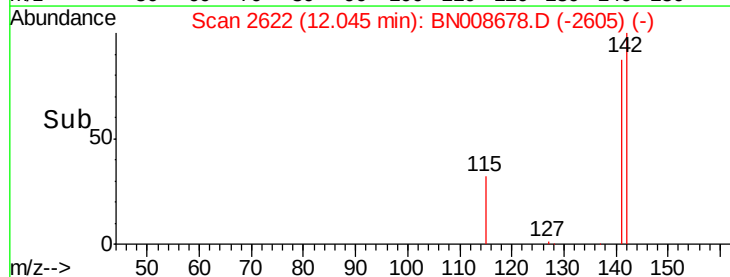
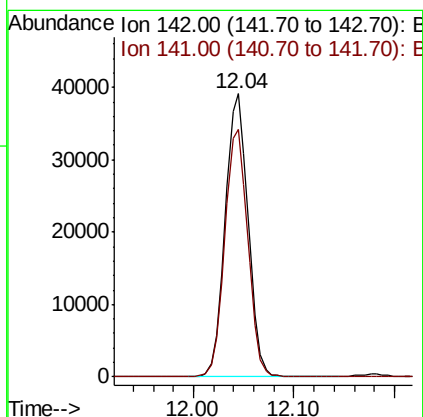
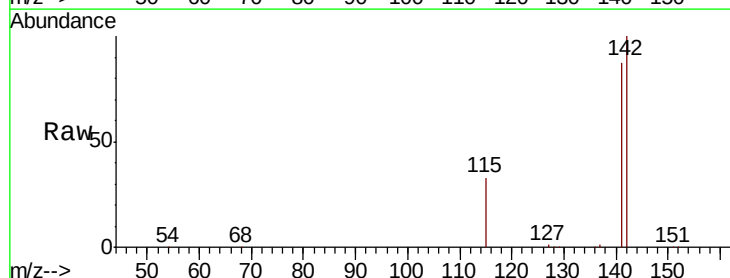
RT: 12.04 min Scan# 2622

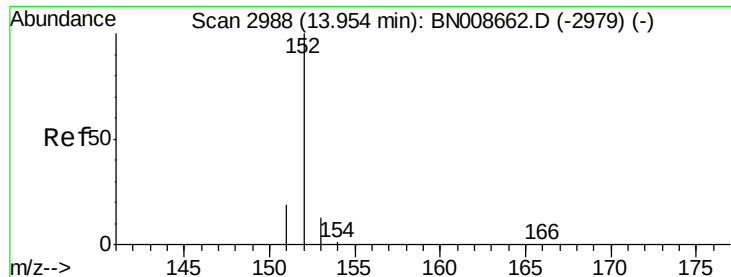
Delta R.T. -0.01 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Tgt Ion:	142	Resp:	61340
Ion Ratio	Lower	Upper	
142	100		
141	88.1	70.5	105.7





#7

Acenaphthylene

Concen: 0.105 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

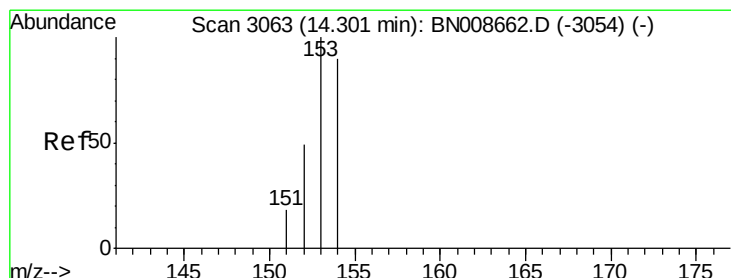
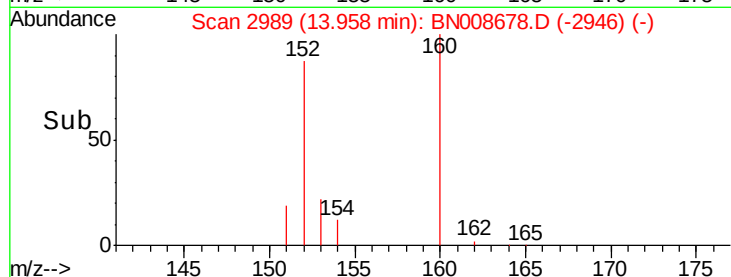
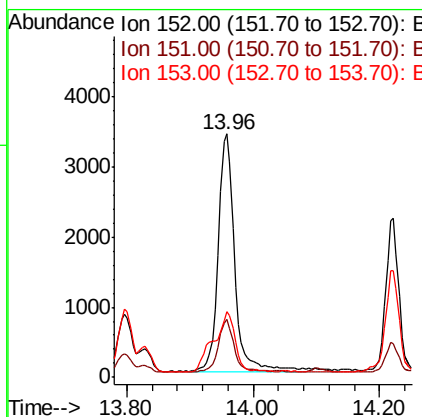
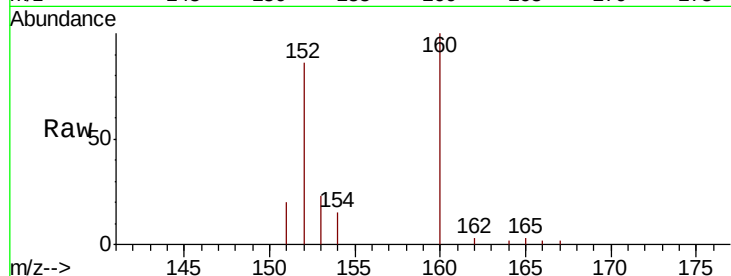
ClientSampleId :

C0AB5

Tot Ion:	152	Resp:	6145
Ion Ratio	Lower	Upper	
152	100		
151	23.7	16.6	24.8
153	27.0	11.1	16.7#

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#8

Acenaphthene

Concen: 4.173 ng/ul

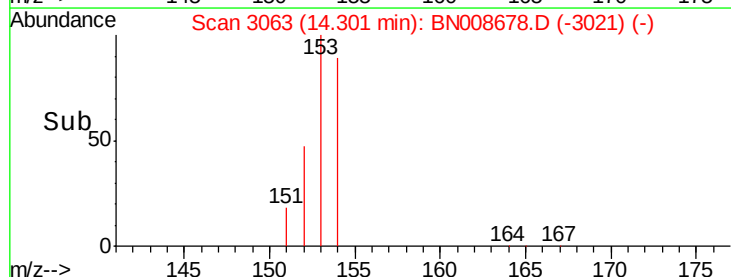
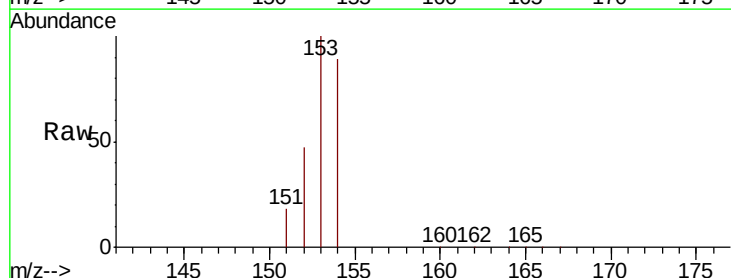
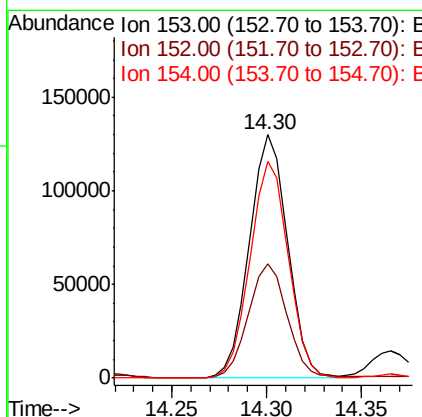
RT: 14.30 min Scan# 3063

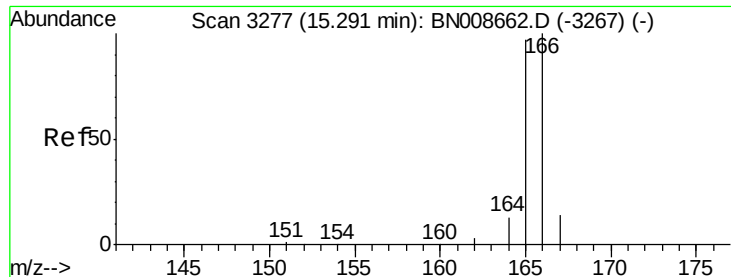
Delta R.T. -0.01 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Tgt Ion:	153	Resp:	181417
Ion Ratio	Lower	Upper	
153	100		
152	47.2	39.6	59.4
154	88.9	70.6	106.0





#9

Fluorene

Concen: 5.214 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

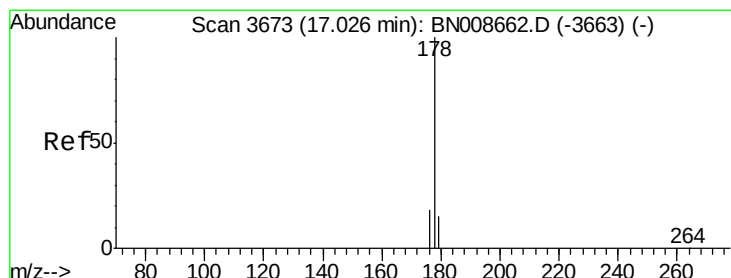
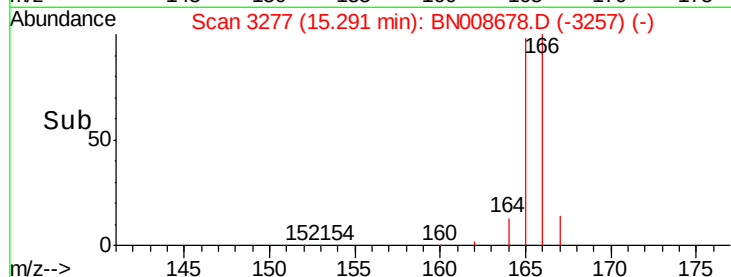
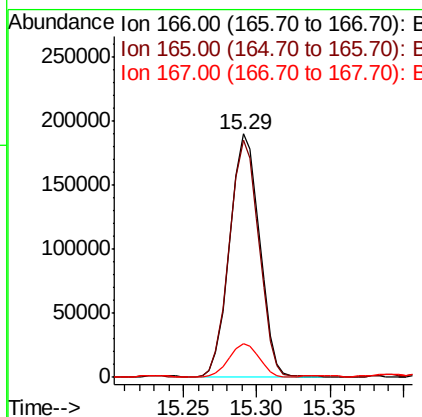
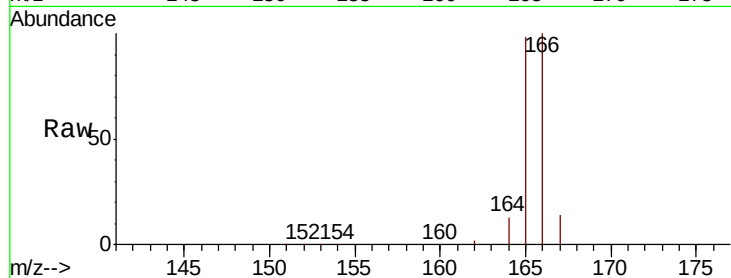
ClientSampleId :

C0AB5

Tot Ion:	166	Resp:	266179
Ion Ratio	Lower	Upper	
166	100		
165	97.6	77.4	116.0
167	13.8	11.4	17.0

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#12

Phenanthrene

Concen: 33.321 ng/ul

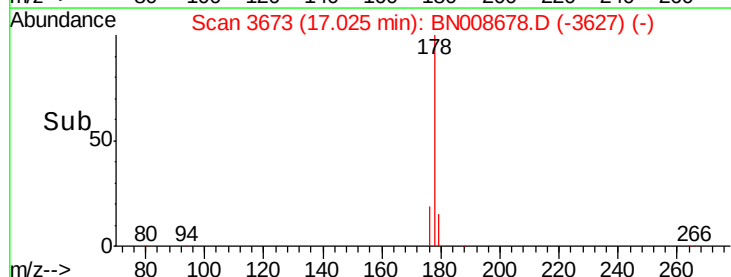
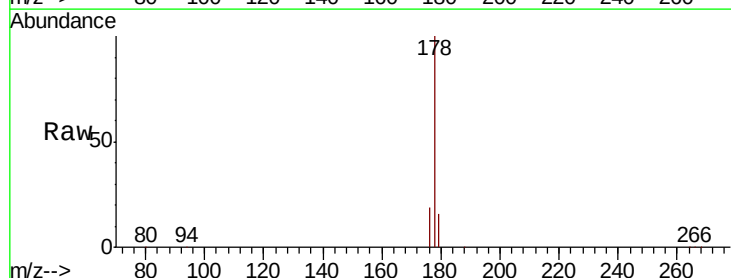
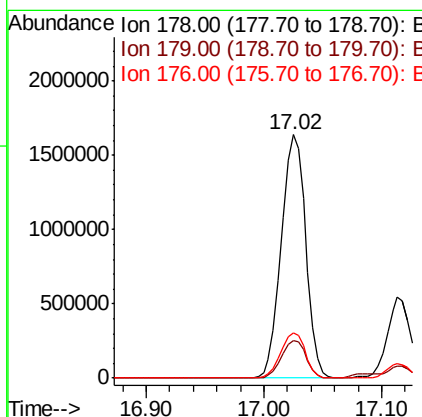
RT: 17.02 min Scan# 3673

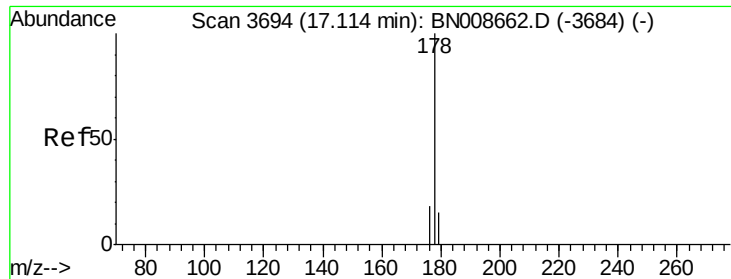
Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Tgt Ion:	178	Resp:	2363608
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.8	19.2
176	18.8	16.0	24.0





#13

Anthracene

Concen: 11.116 ng/ul

RT: 17.11 min Scan# 3694

Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

ClientSampled :

C0AB5

Tot Ion:178 Resp: 745069

Ion Ratio Lower Upper

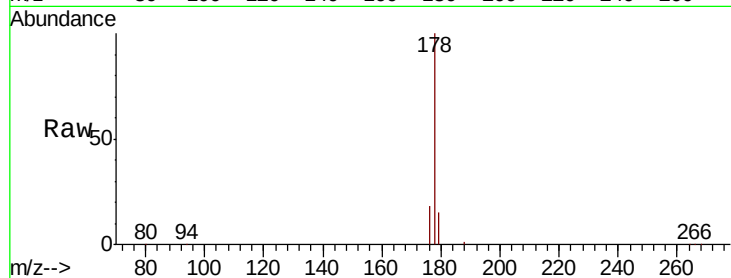
178 100

179 15.3 13.0 19.4

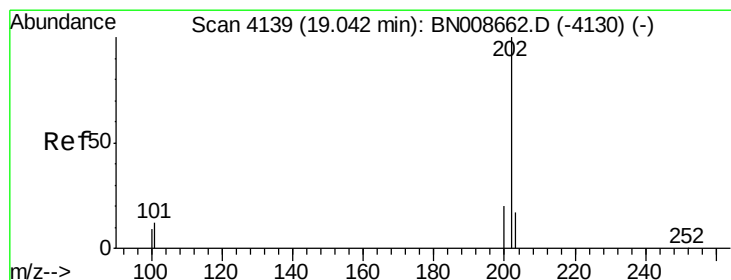
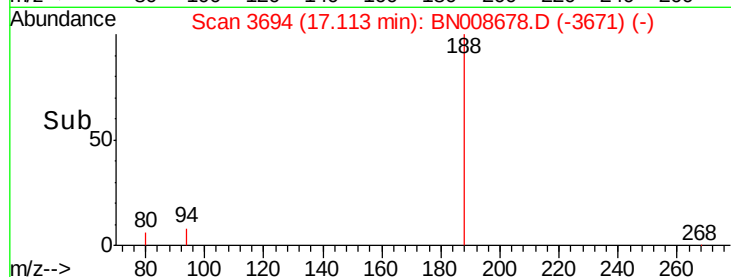
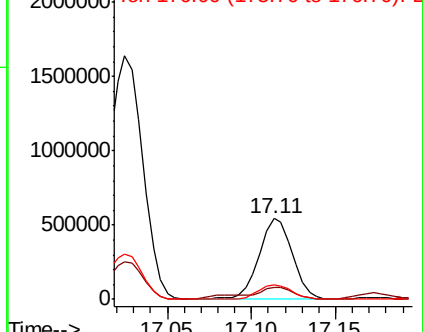
176 18.2 15.3 22.9

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 27.057 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. -0.01 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

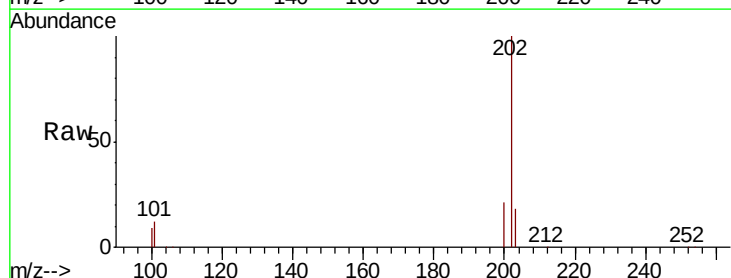
Tgt Ion:202 Resp: 2357935

Ion Ratio Lower Upper

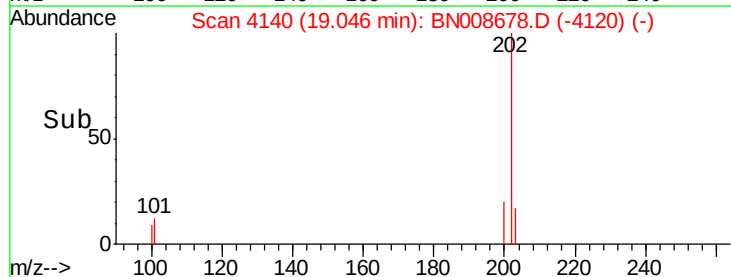
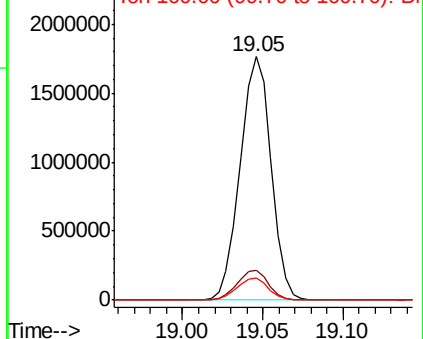
202 100

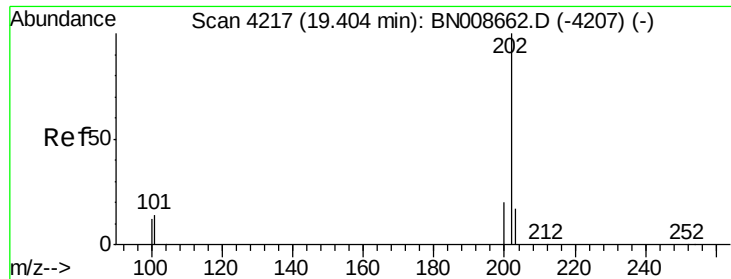
101 12.1 0.0 29.6

100 9.0 0.0 27.0



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





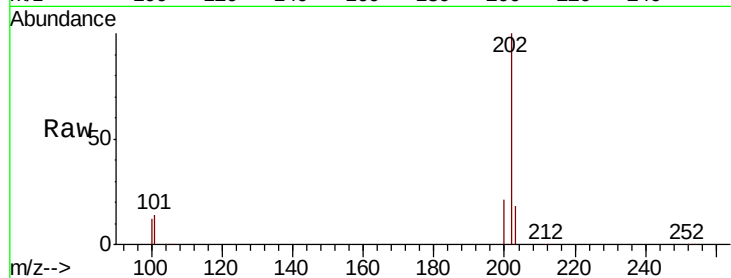
#17
Pvrene
Concen: 30.241 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BN008678.D
Acq: 21 Nov 2019 01:43

Instrument :
BNA_N
ClientSampleId :
C0AB5

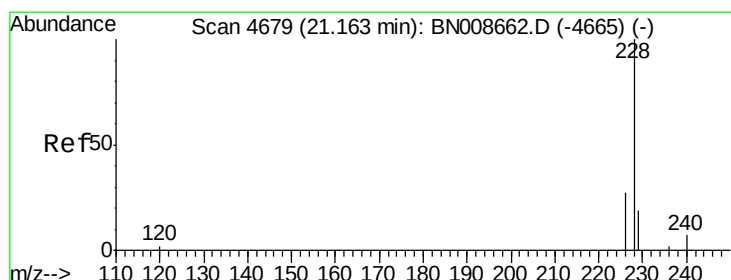
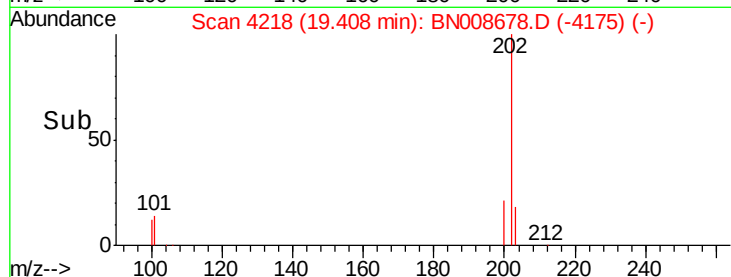
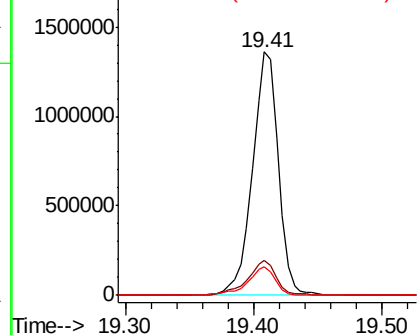
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.2	15.2
100	11.8	8.2	12.2

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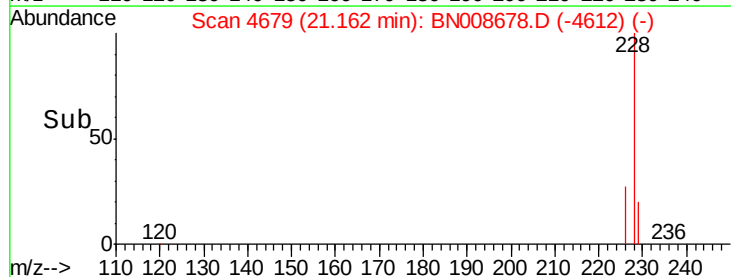
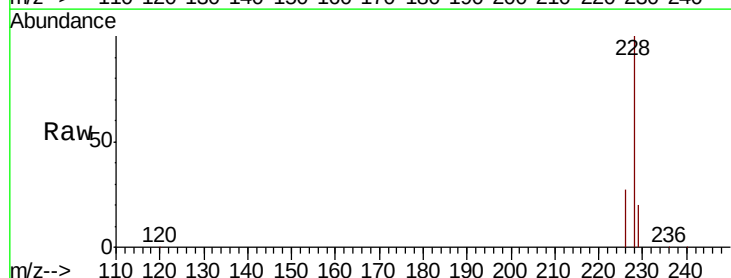
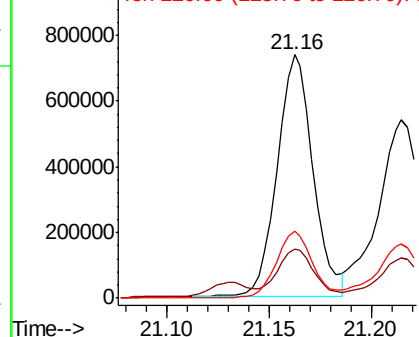
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

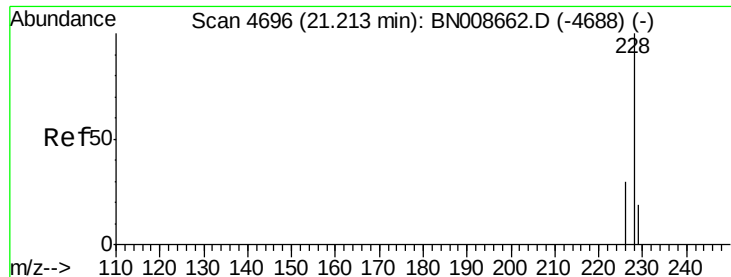


#18
Benzo(a)anthracene
Concen: 14.513 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008678.D
Acq: 21 Nov 2019 01:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	27.4	21.6	32.4

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: 12.366 ng/ul

RT: 21.21 min Scan# 4697

Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

ClientSampleId :

C0AB5

Tot Ion:228 Resp: 762877

Ion Ratio Lower Upper

228 100

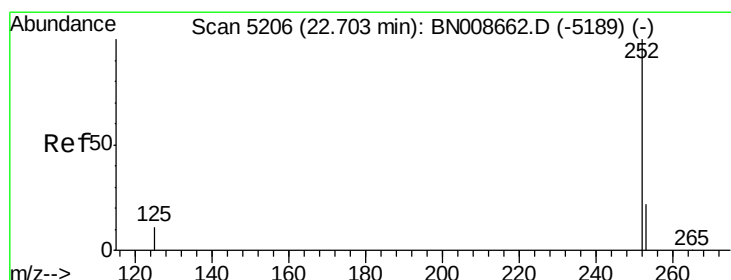
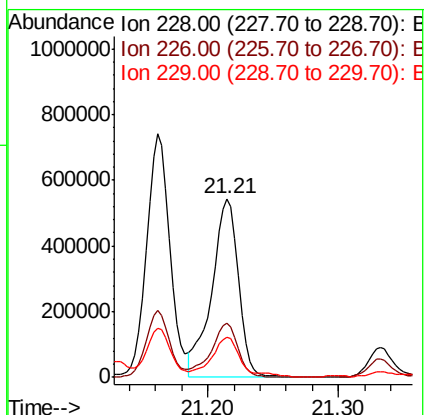
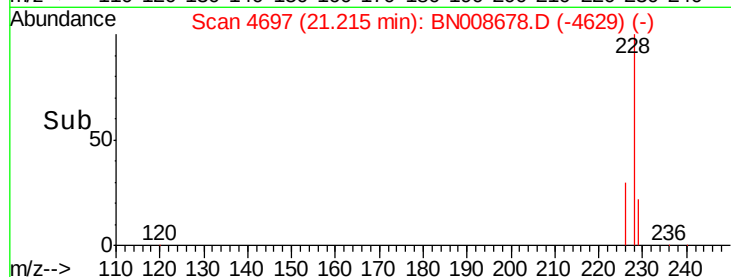
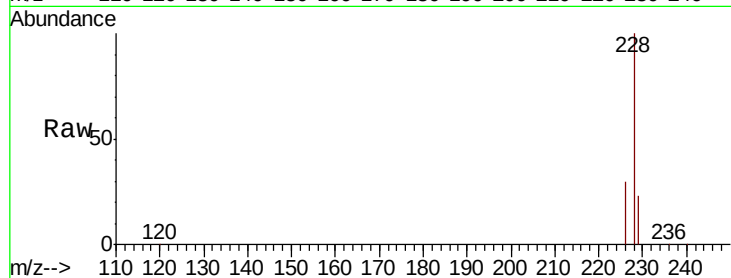
226 30.1 24.5 36.7

229 22.5 15.5 23.3

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#21

Benzo(b)fluoranthene

Concen: 12.124 ng/ul m

RT: 22.70 min Scan# 5207

Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

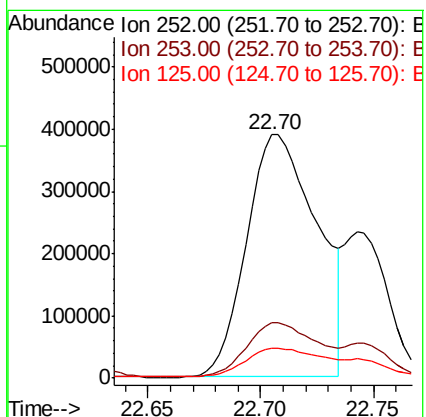
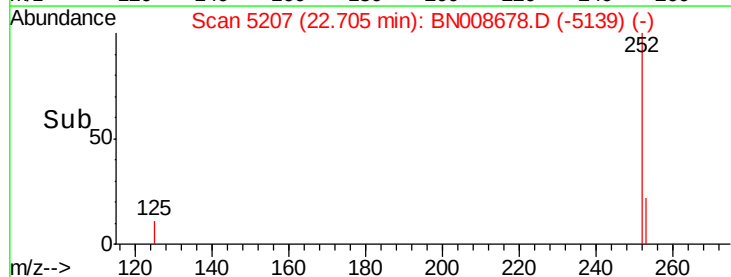
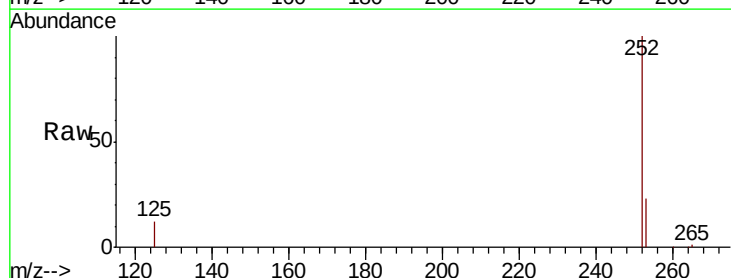
Tgt Ion:252 Resp: 843231

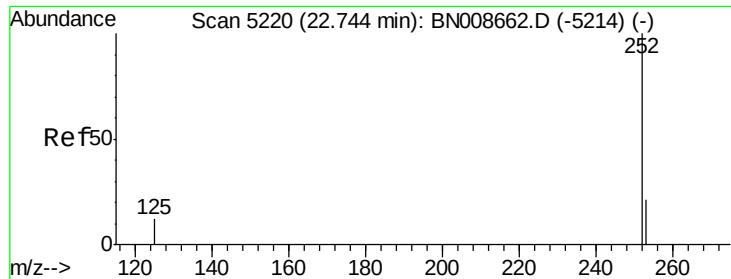
Ion Ratio Lower Upper

252 100

253 22.6 0.0 50.2

125 12.0 0.0 30.0





#22

Benzo(k)fluoranthene

Concen: 4.480 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Instrument :

BNA_N

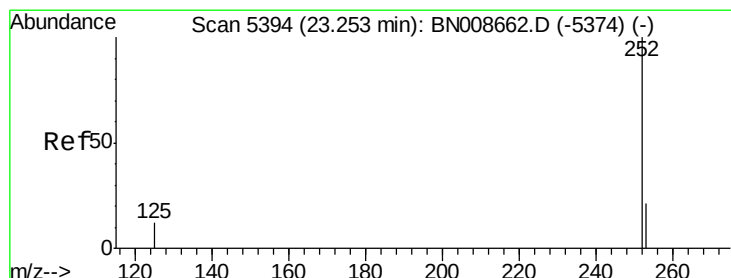
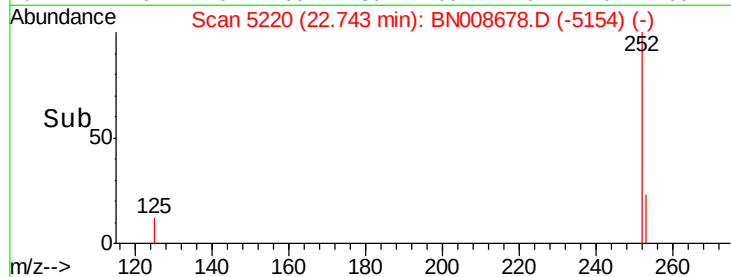
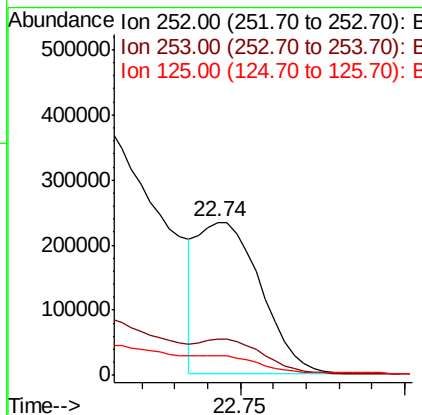
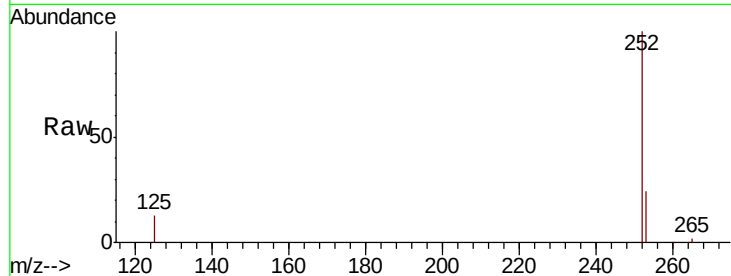
ClientSampleId :

C0AB5

Tot Ion:	252	Resp:	309051
Ion Ratio	Lower	Upper	
252	100		
253	23.7	20.5	30.7
125	13.0	15.0	22.4#

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#23

Benzo(a)pyrene

Concen: 9.889 ng/ul

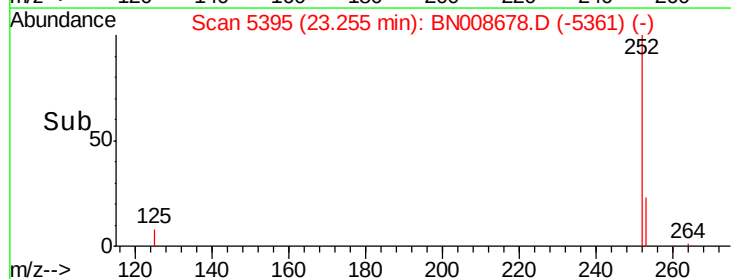
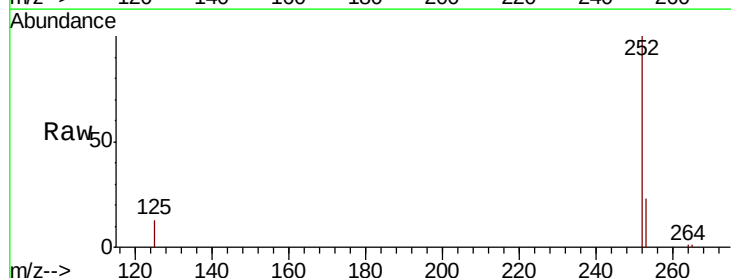
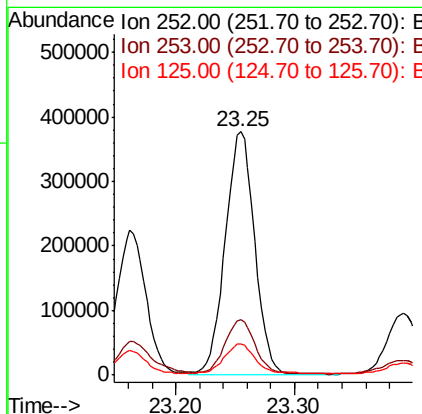
RT: 23.25 min Scan# 5395

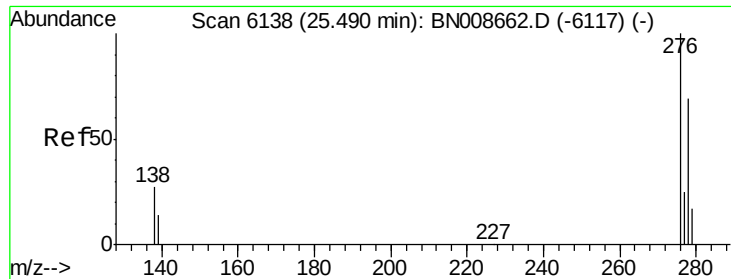
Delta R.T. -0.00 min

Lab File: BN008678.D

Acq: 21 Nov 2019 01:43

Tgt Ion:	252	Resp:	645619
Ion Ratio	Lower	Upper	
252	100		
253	22.9	21.4	32.2
125	12.7	13.8	20.8#





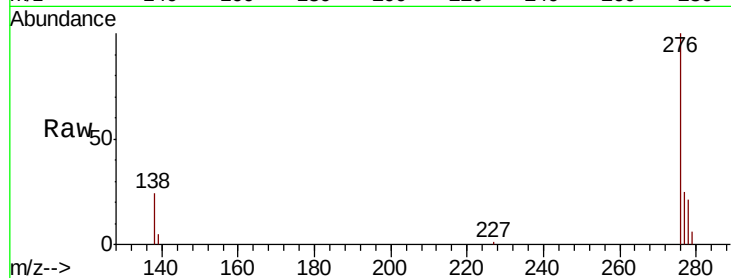
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.758 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008678.D
Acq: 21 Nov 2019 01:43

Instrument :
BNA_N
ClientSampleId :
C0AB5

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	21.7	32.5
227	0.0	0.2	0.2

Manual Integrations
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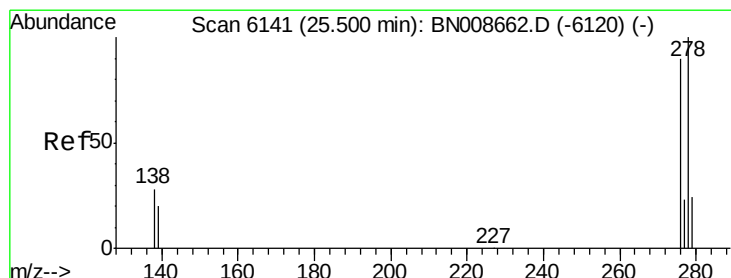
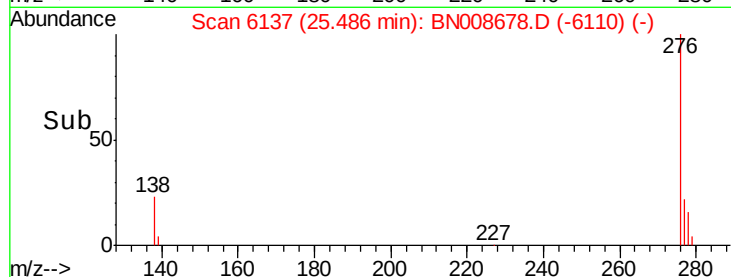
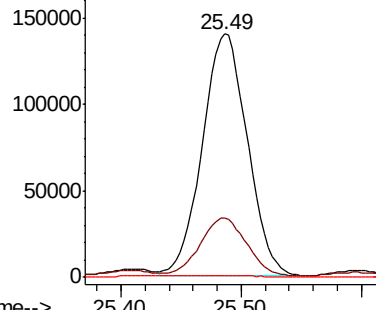


Abundance

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: 1.511 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.02 min
Lab File: BN008678.D
Acq: 21 Nov 2019 01:43

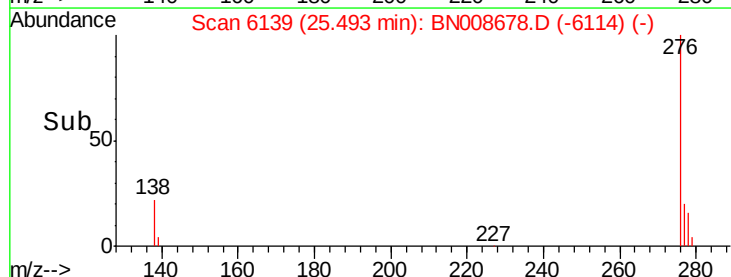
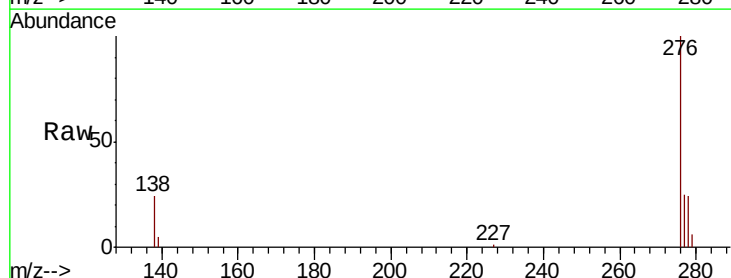
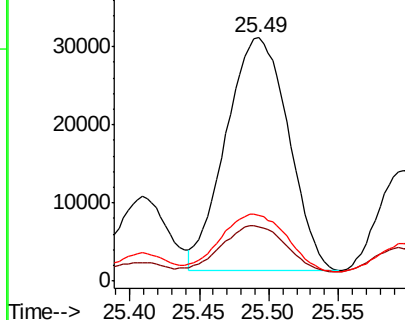
Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	18.7	28.1
279	27.0	20.8	31.2

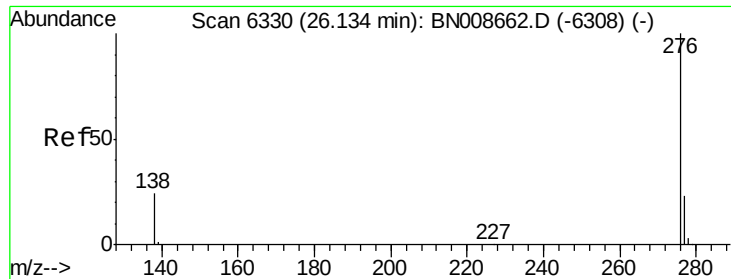
Abundance

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





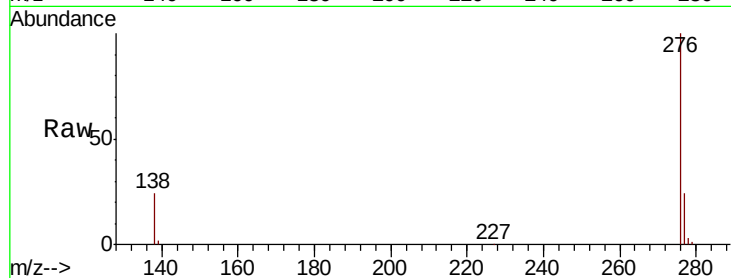
#26
Benzo(a,h,i)perylene
Concen: 5.152 ng/ul
RT: 26.14 min Scan# 6333
Delta R.T. 0.00 min
Lab File: BN008678.D
Acq: 21 Nov 2019 01:43

Instrument :
BNA_N
ClientSampleId :
C0AB5

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.0	30.0
277	24.3	20.0	30.0

Manual Integrations
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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

