

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101318\
 Data File : BN003162.D
 Acq On : 13 Oct 2018 04:53
 Operator : MJ/SJ
 Sample : J5368-03DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YZ9DL

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:15:26 PM

Quant Time: Oct 13 06:45:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 05:59:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1229	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	5302	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	3244	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7545	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5956	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5015	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	247	0.03	ng/ul	0.02
14) Fluoranthene-d10	19.06	212	685	0.03	ng/ul	-0.01
Target Compounds					Qvalue	
3) Naphthalene	10.46	128	5067	0.372	ng/ul	99
5) 2-Methylnaphthalene	12.13	142	1051	0.112	ng/ul	100
8) Acenaphthene	14.33	153	3231	0.287	ng/ul	99
9) Fluorene	15.33	166	4002	0.310	ng/ul	98
12) Phenanthrene	17.06	178	34099	1.621	ng/ul	99
13) Anthracene	17.16	178	9328	0.470	ng/ul#	95
15) Fluoranthene	19.09	202	30091	1.220	ng/ul	98
17) Pyrene	19.45	202	23181	1.002	ng/ul	98
18) Benzo(a)anthracene	21.22	228	9364	0.489	ng/ul	96
19) Chrysene	21.27	228	9020	0.463	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	8686m	0.481	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	3219m	0.172	ng/ul	
23) Benzo(a)pyrene	23.35	252	5634	0.348	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.69	276	3435	0.185	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.68	278	967	0.065	ng/ul#	59
26) Benzo(g,h,i)perylene	26.36	276	2667	0.170	ng/ul	90

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

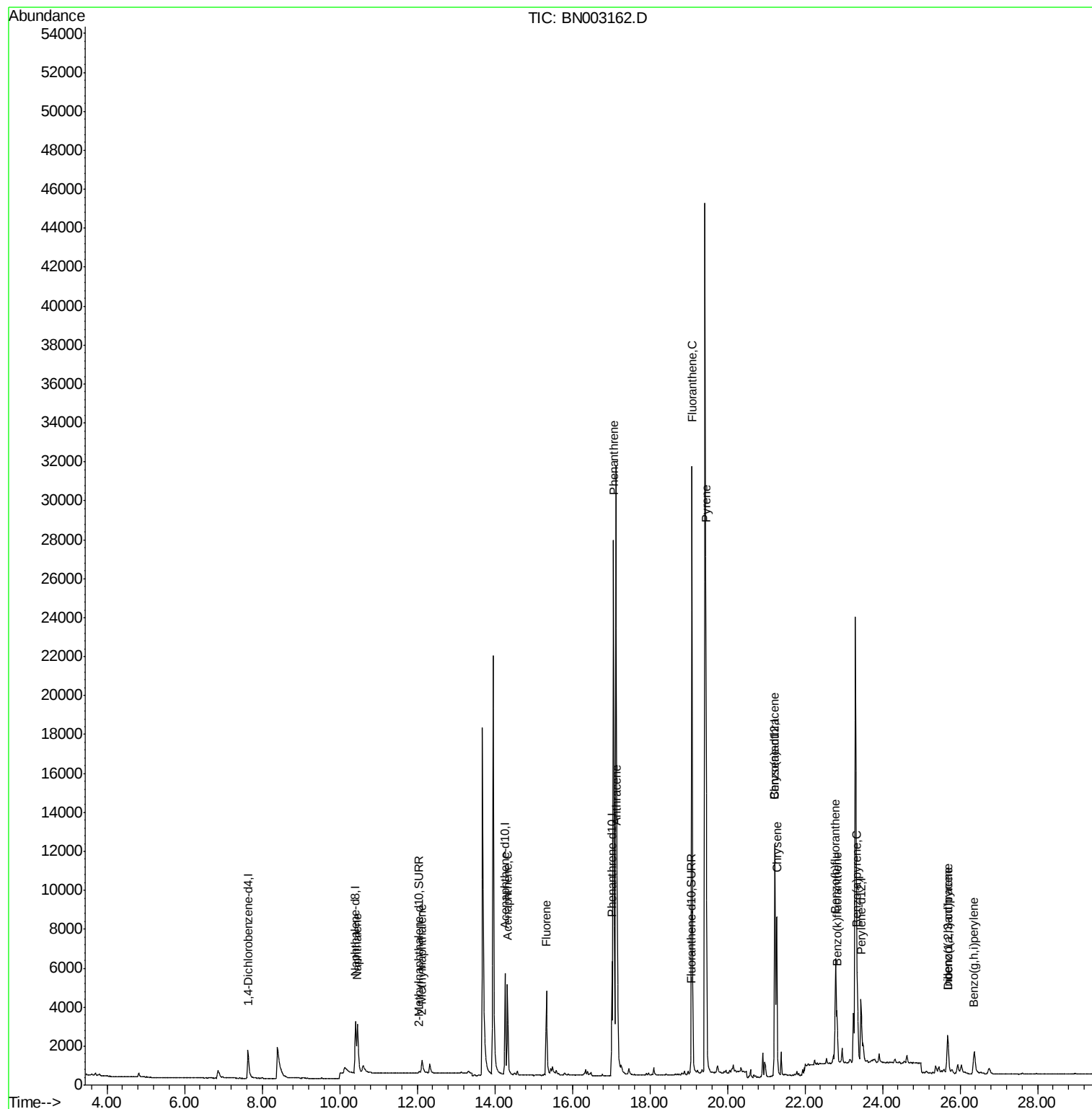
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101318\
Data File : BN003162.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

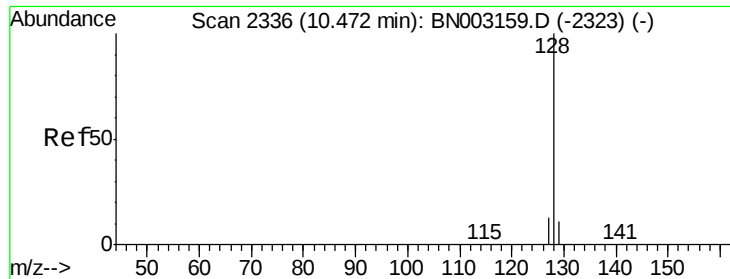
Instrument :
BNA_N
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A3YZ9DL

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Quant Time: Oct 13 06:45:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 05:59:15 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.372 ng/ul

RT: 10.46 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

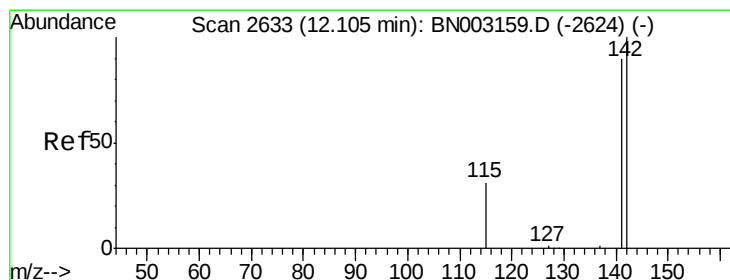
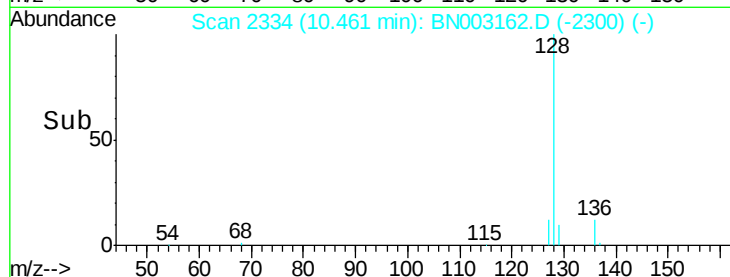
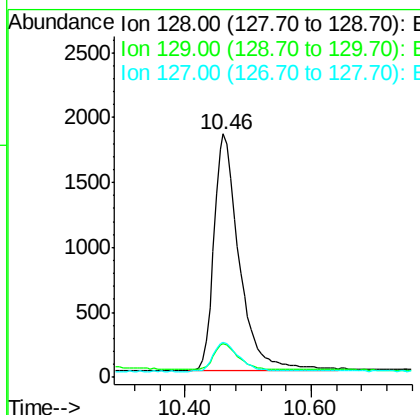
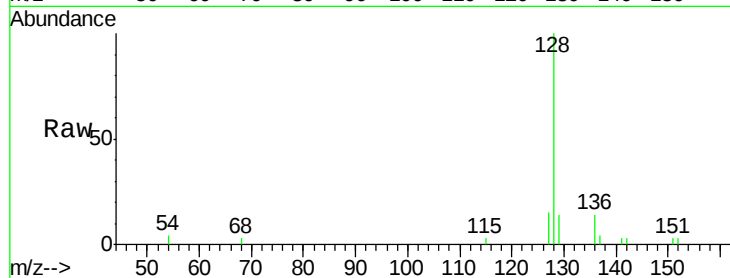
ClientSampleId :

A3YZ9DL

Tgt Ion:	128	Resp:	5067
Ion Ratio	Lower	Upper	
128	100		
129	13.7	10.4	15.6
127	14.5	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.112 ng/ul

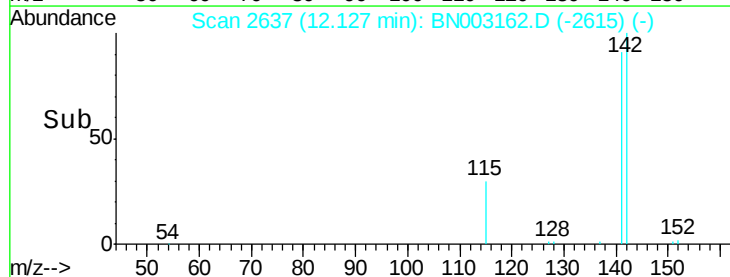
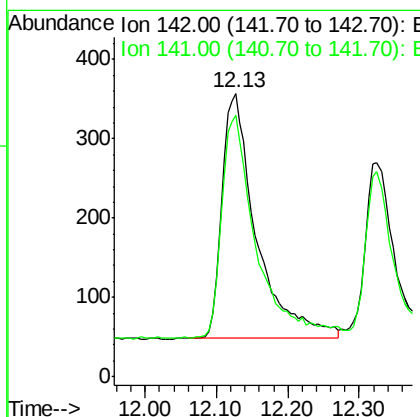
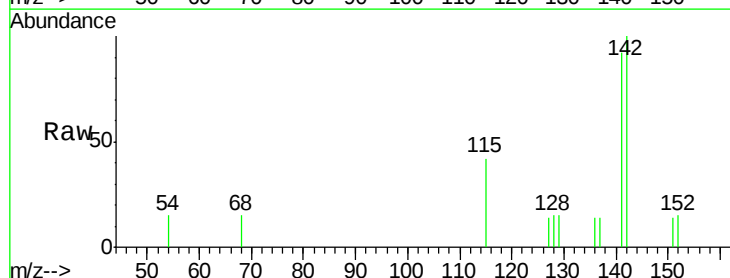
RT: 12.13 min Scan# 2637

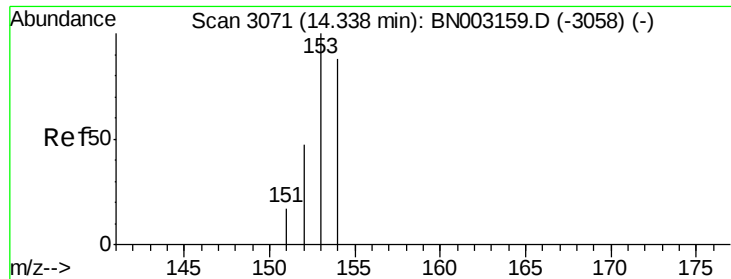
Delta R.T. 0.02 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Tgt Ion:	142	Resp:	1051
Ion Ratio	Lower	Upper	
142	100		
141	91.8	73.4	110.0





#8

Acenaphthene

Concen: 0.287 ng/ul

RT: 14.33 min Scan# 3069

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

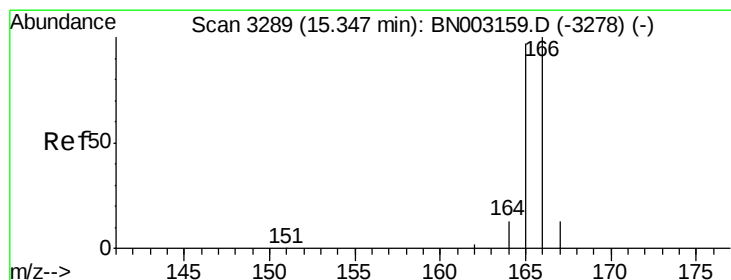
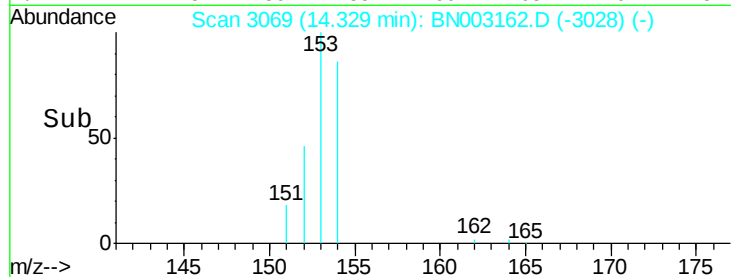
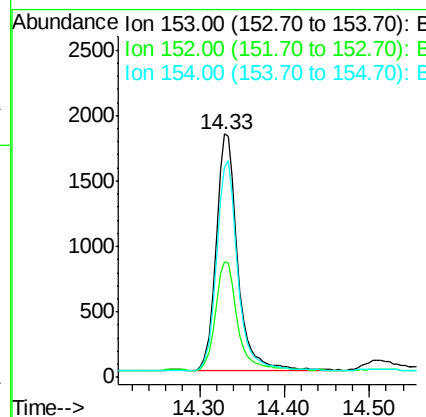
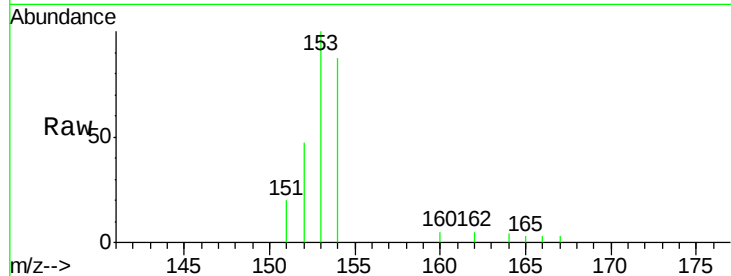
ClientSampleId :

A3YZ9DL

Tgt Ion:	153	Resp:	3231
Ion Ratio	Lower	Upper	
153	100		
152	47.3	38.2	57.4
154	86.6	70.2	105.2

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#9

Fluorene

Concen: 0.310 ng/ul

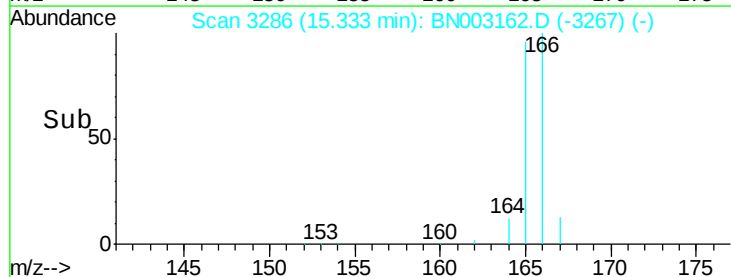
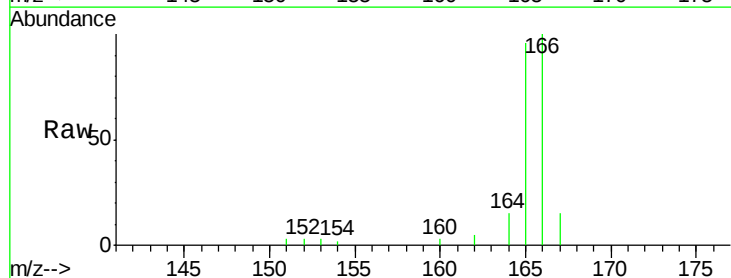
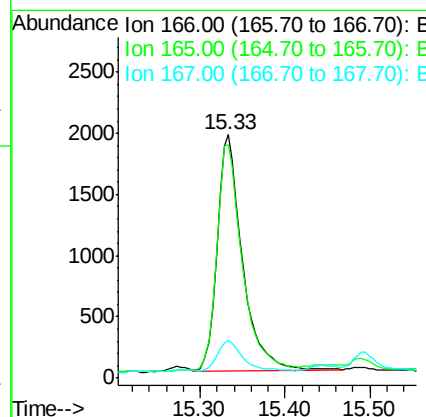
RT: 15.33 min Scan# 3286

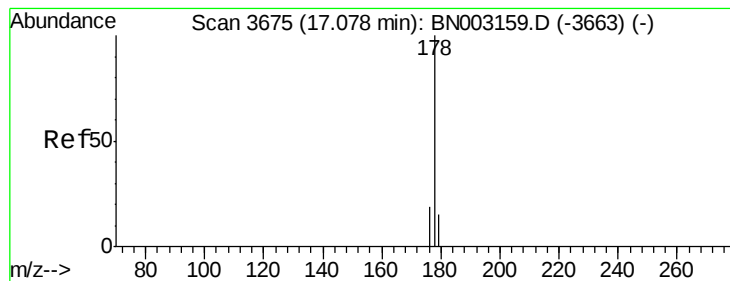
Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Tgt Ion:	166	Resp:	4002
Ion Ratio	Lower	Upper	
166	100		
165	95.8	78.5	117.7
167	15.4	11.6	17.4





#12

Phenanthrene

Concen: 1.621 ng/ul

RT: 17.06 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

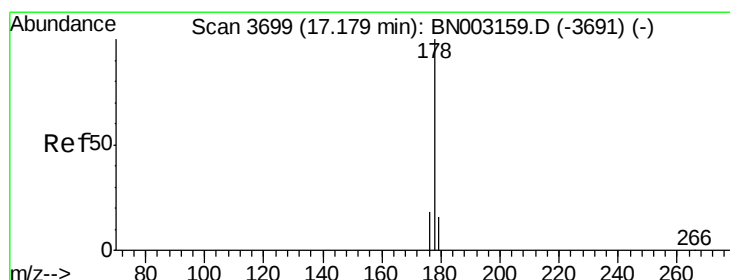
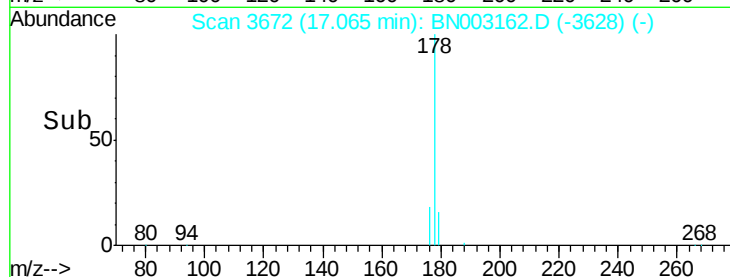
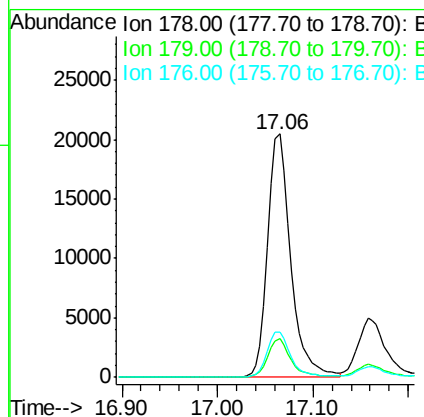
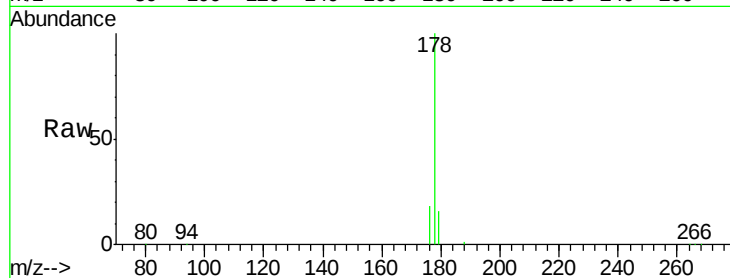
ClientSampleId :

A3YZ9DL

Tgt Ion:	178	Resp:	34099
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	18.4	15.4	23.2

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#13

Anthracene

Concen: 0.470 ng/ul

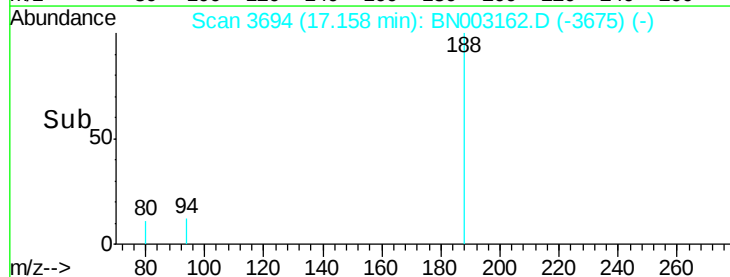
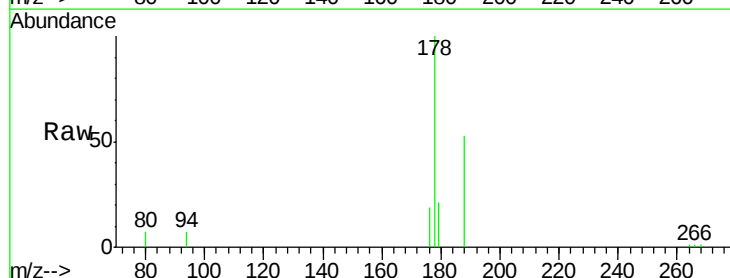
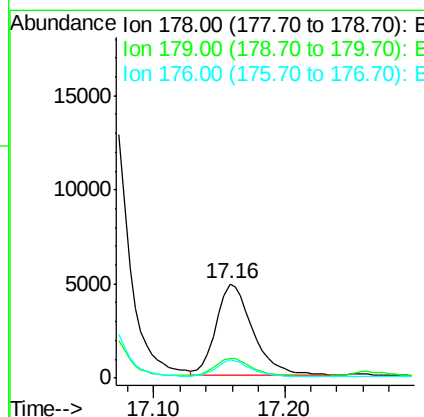
RT: 17.16 min Scan# 3694

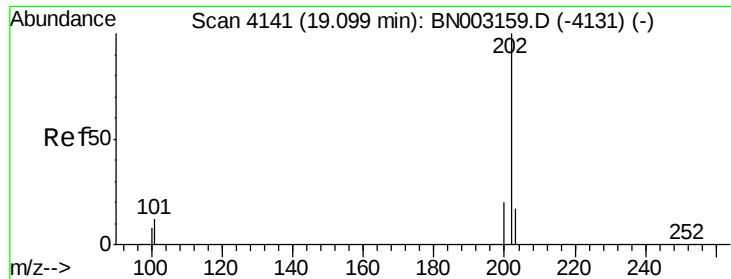
Delta R.T. -0.02 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Tgt Ion:	178	Resp:	9328
Ion Ratio	Lower	Upper	
178	100		
179	21.2	13.0	19.6#
176	19.0	15.3	22.9





#15

Fluoranthene

Concen: 1.220 ng/ul

RT: 19.09 min Scan# 4139

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

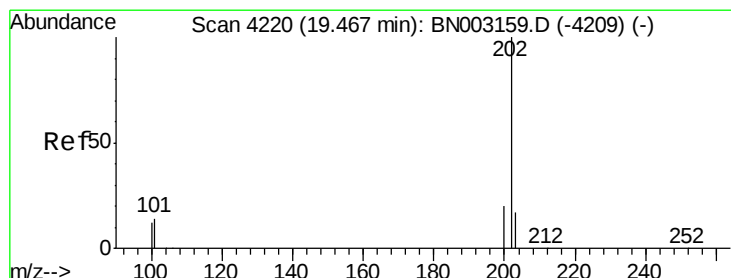
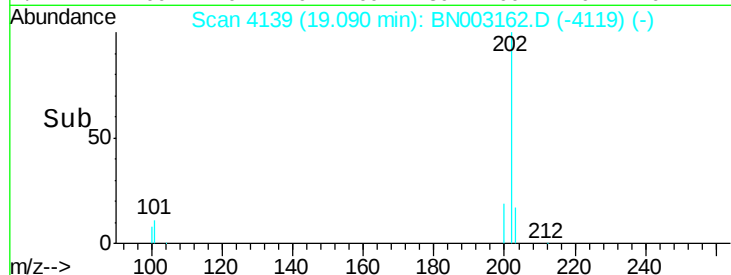
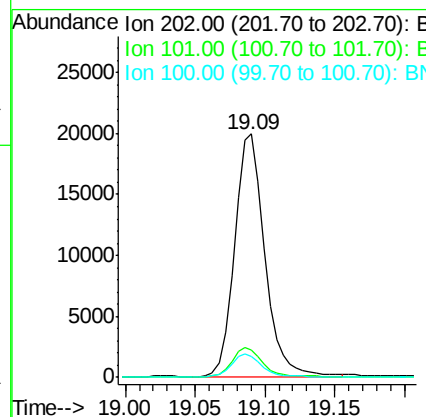
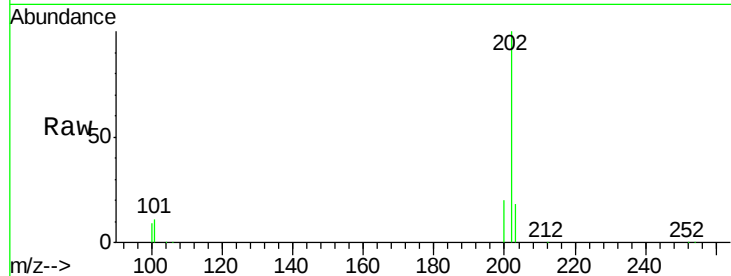
ClientSampled :

A3YZ9DL

Tgt Ion:	202	Resp:	30091
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	32.3
100	8.6	0.0	29.1

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#17

Pyrene

Concen: 1.002 ng/ul

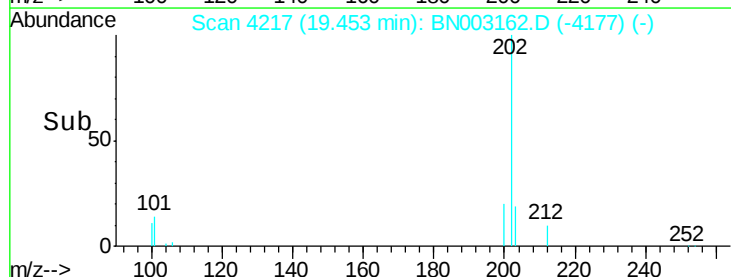
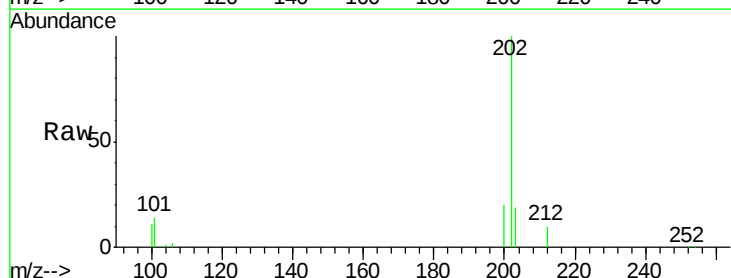
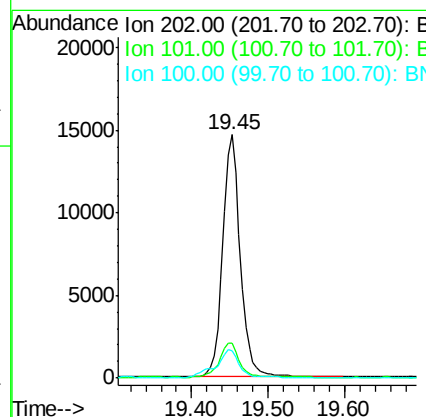
RT: 19.45 min Scan# 4217

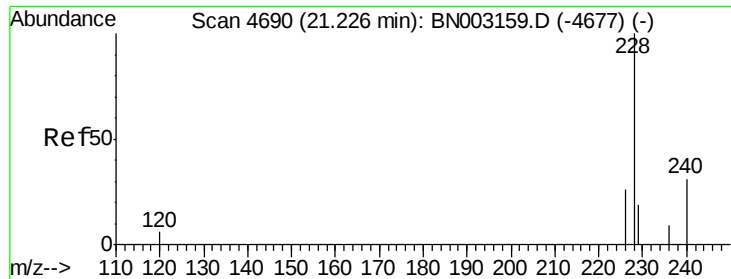
Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Tgt Ion:	202	Resp:	23181
Ion Ratio	Lower	Upper	
202	100		
101	14.2	11.9	17.9
100	11.2	9.9	14.9





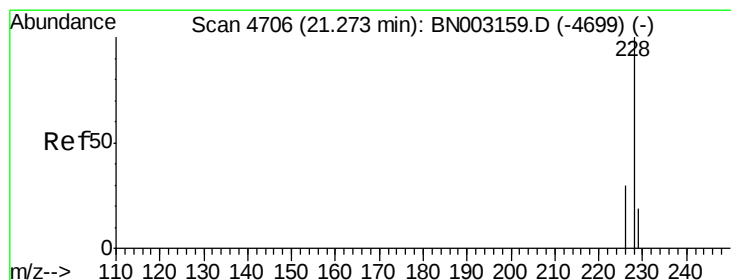
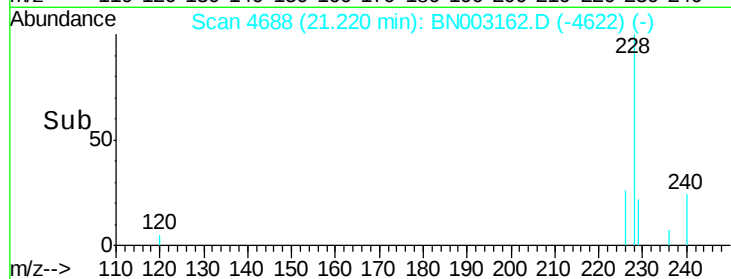
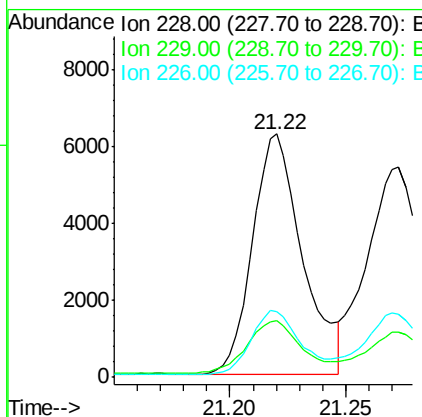
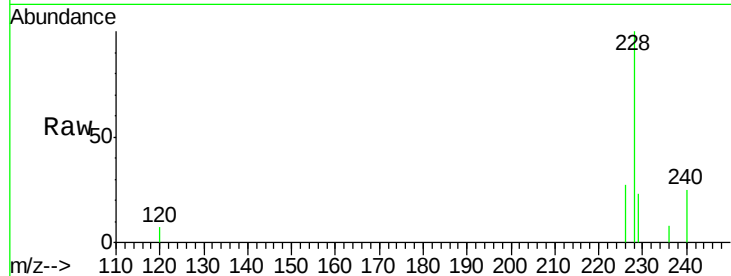
#18
Benzo(a)anthracene
Concen: 0.489 ng/ul
RT: 21.22 min Scan# 4688
Delta R.T. -0.01 min
Lab File: BN003162.D
Acq: 13 Oct 2018 04:53

Instrument :
BNA_N
ClientSampleId :
A3YZ9DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.2	24.2
226	27.2	22.3	33.5

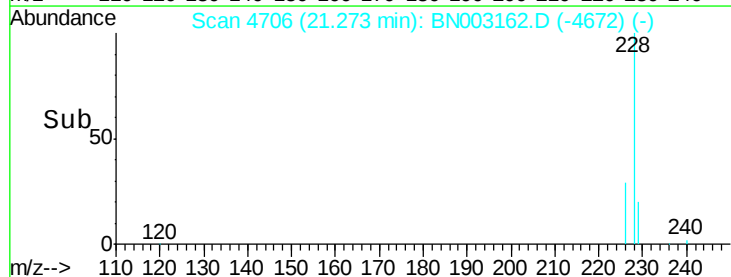
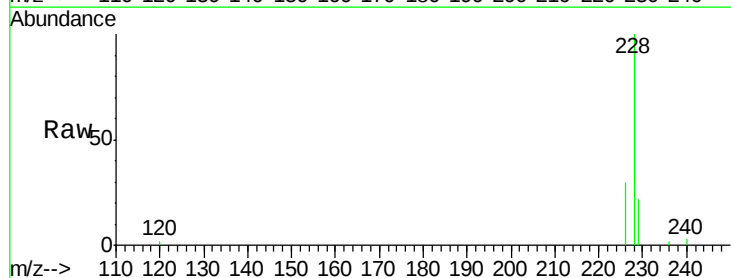
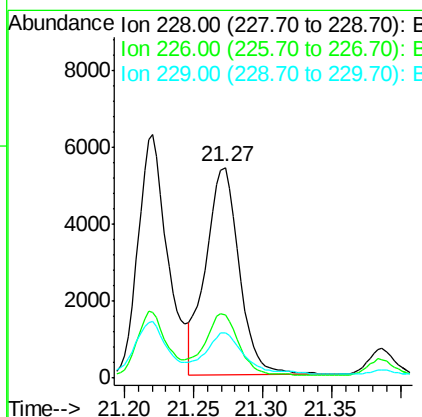
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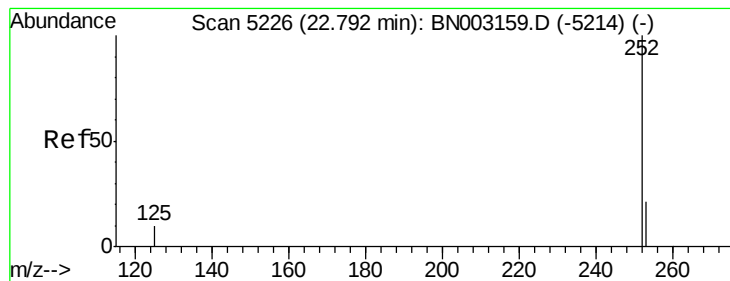
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#19
Chrysene
Concen: 0.463 ng/ul
RT: 21.27 min Scan# 4706
Delta R.T. 0.00 min
Lab File: BN003162.D
Acq: 13 Oct 2018 04:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	21.5	16.7	25.1





#21

Benzo(b)fluoranthene

Concen: 0.481 ng/ul m

RT: 22.79 min Scan# 5225

Delta R.T. -0.00 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

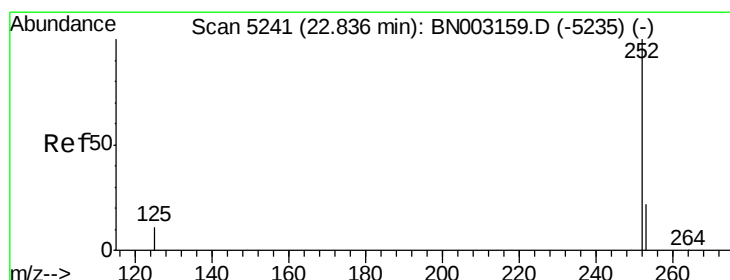
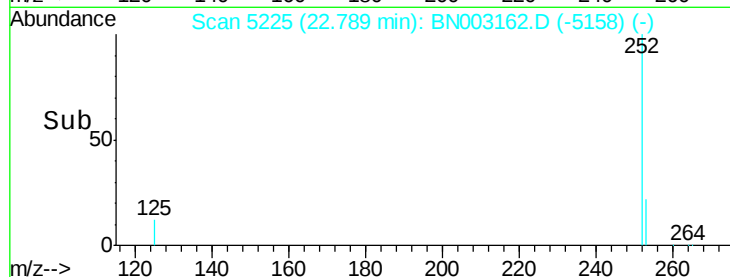
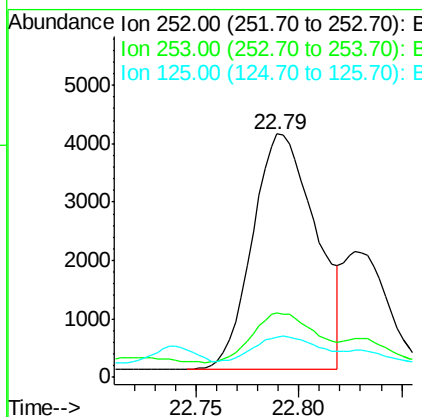
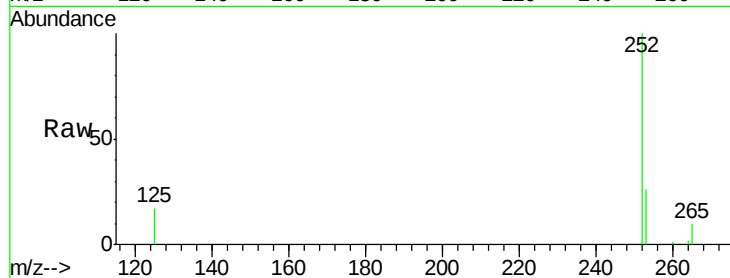
ClientSampleId :

A3YZ9DL

Tgt Ion:	252	Resp:	8686
Ion Ratio	Lower	Upper	
252	100		
253	26.3	0.0	53.2
125	16.6	0.0	34.2

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#22

Benzo(k)fluoranthene

Concen: 0.172 ng/ul m

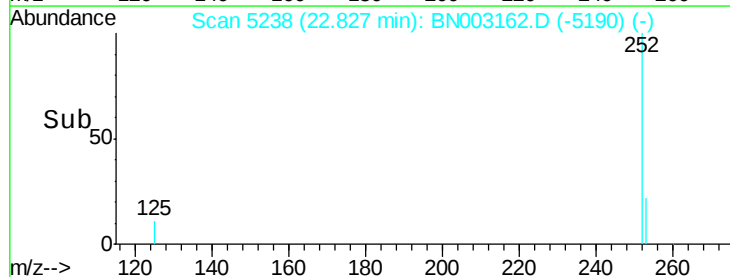
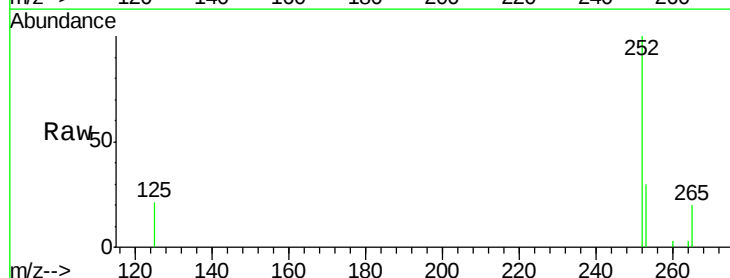
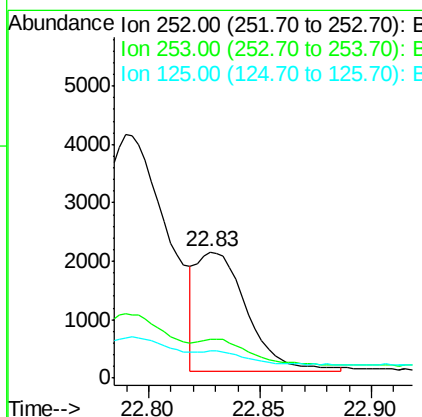
RT: 22.83 min Scan# 5238

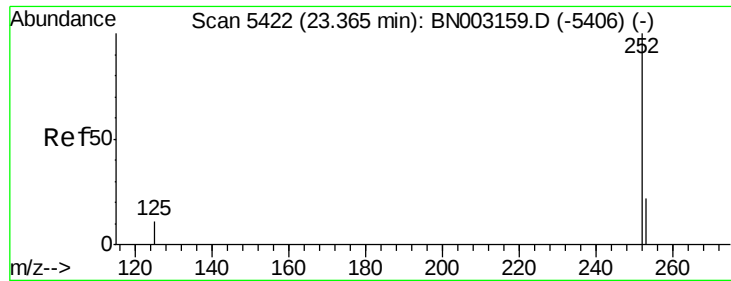
Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Tgt Ion:	252	Resp:	3219
Ion Ratio	Lower	Upper	
252	100		
253	30.4	21.3	31.9
125	21.3	14.1	21.1#





#23

Benzo(a)pyrene

Concen: 0.348 ng/u1

RT: 23.35 min Scan# 5417

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

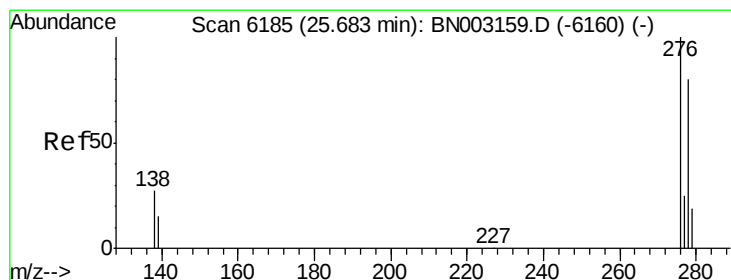
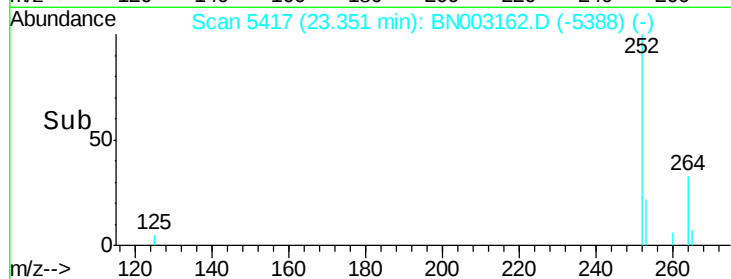
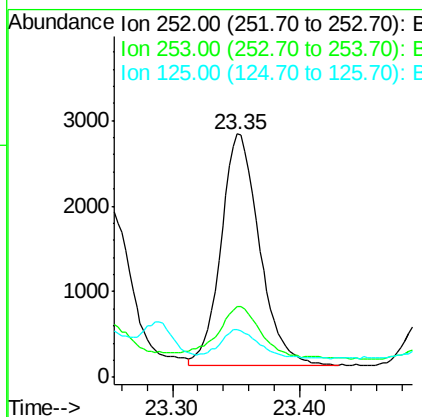
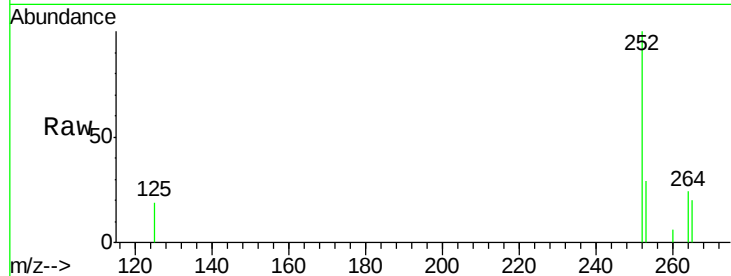
ClientSampleId :

A3YZ9DL

Tgt Ion:	252	Resp:	5634
Ion Ratio	Lower	Upper	
252	100		
253	29.1	23.1	34.7
125	19.4	16.9	25.3

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.185 ng/u1

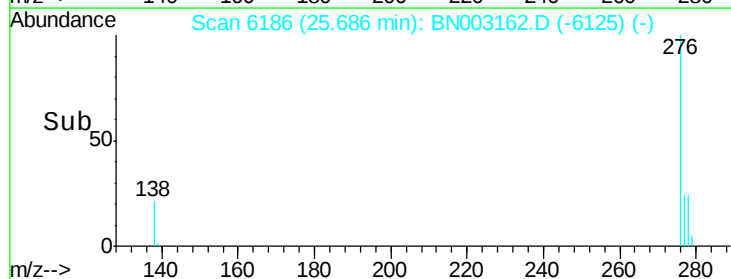
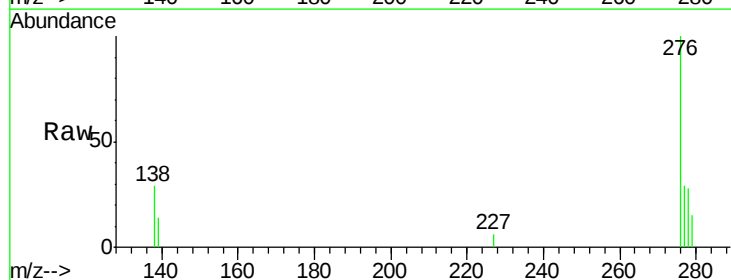
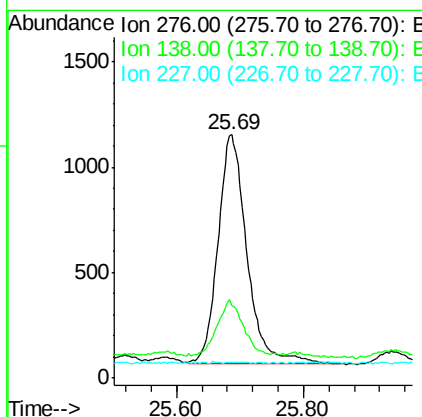
RT: 25.69 min Scan# 6186

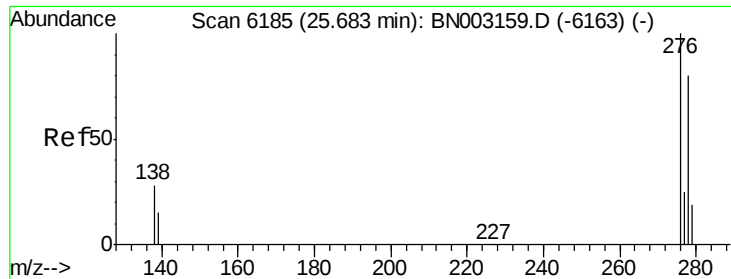
Delta R.T. 0.00 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Tgt Ion:	276	Resp:	3435
Ion Ratio	Lower	Upper	
276	100		
138	22.7	21.5	32.3
227	0.1	0.3	0.5#





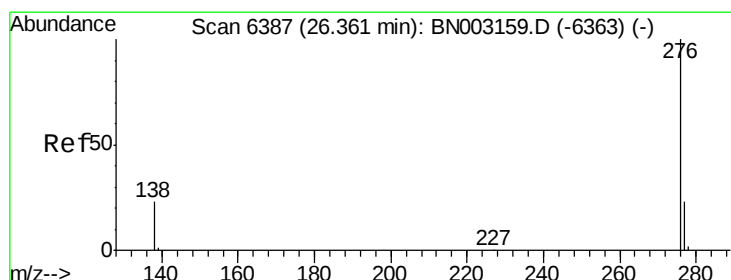
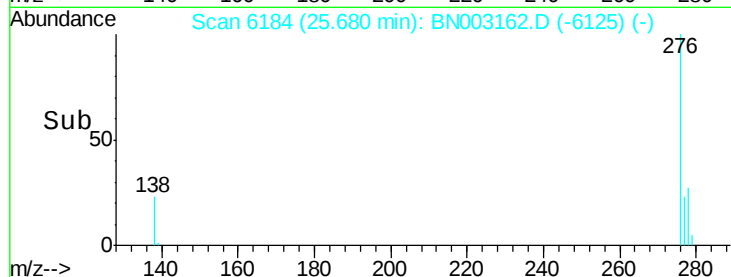
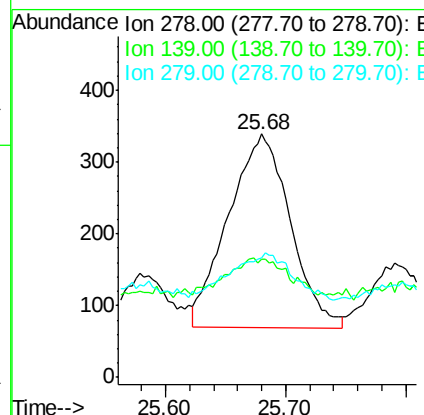
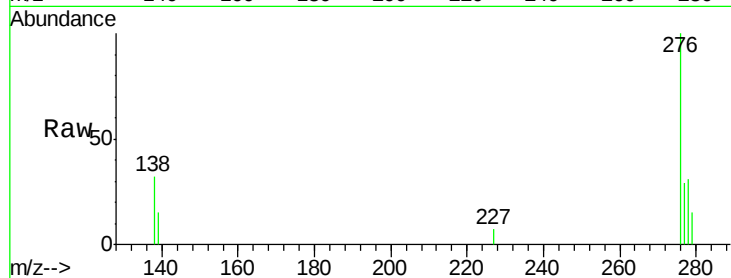
#25
Dibenzo(a,h)anthracene
Concen: 0.065 ng/u1
RT: 25.68 min Scan# 6184
Delta R.T. -0.00 min
Lab File: BN003162.D
Acq: 13 Oct 2018 04:53

Instrument :
BNA_N
ClientSampleID :
A3YZ9DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	48.7	20.2	30.4#
279	49.3	23.8	35.8#

Manual Integrations
APPROVED

Sohil
10/15/2018 4:15:26 PM



#26
Benzo(g,h,i)perylene
Concen: 0.170 ng/u1
RT: 26.36 min Scan# 6388
Delta R.T. 0.00 min
Lab File: BN003162.D
Acq: 13 Oct 2018 04:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.3	23.0	34.4
277	32.3	22.0	33.0

