

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006561.D
 Acq On : 25 Jun 2019 08:43
 Operator : HP/JU
 Sample : K3360-14DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41T6DL

Manual Integrations
 APPROVED

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 6/25/2019 10:21:41 PM

Quant Time: Jun 25 11:48:33 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5458	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	19874	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9477	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17265	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10354	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	13679	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	946	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	1585	0.03	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.46	128	2638	0.048	ng/ul#	91
5) 2-Methylnaphthalene	12.08	142	1305	0.034	ng/ul	100
8) Acenaphthene	14.34	153	13305	0.364	ng/ul	99
9) Fluorene	15.34	166	18795	0.440	ng/ul	98
12) Phenanthrene	17.08	178	317589	5.730	ng/ul	99
13) Anthracene	17.17	178	37398	0.707	ng/ul	99
15) Fluoranthene	19.11	202	404098	6.603	ng/ul	100
17) Pyrene	19.48	202	296253	5.432	ng/ul	97
18) Benzo(a)anthracene	21.24	228	119273	2.605	ng/ul	99
19) Chrysene	21.29	228	134228	3.122	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	149352m	2.618	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	61101m	1.100	ng/ul	
23) Benzo(a)pyrene	23.39	252	100033	1.883	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.72	276	67180	1.168	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.72	278	17089	0.372	ng/ul	99
26) Benzo(g,h,i)perylene	26.41	276	58578	1.216	ng/ul	95

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

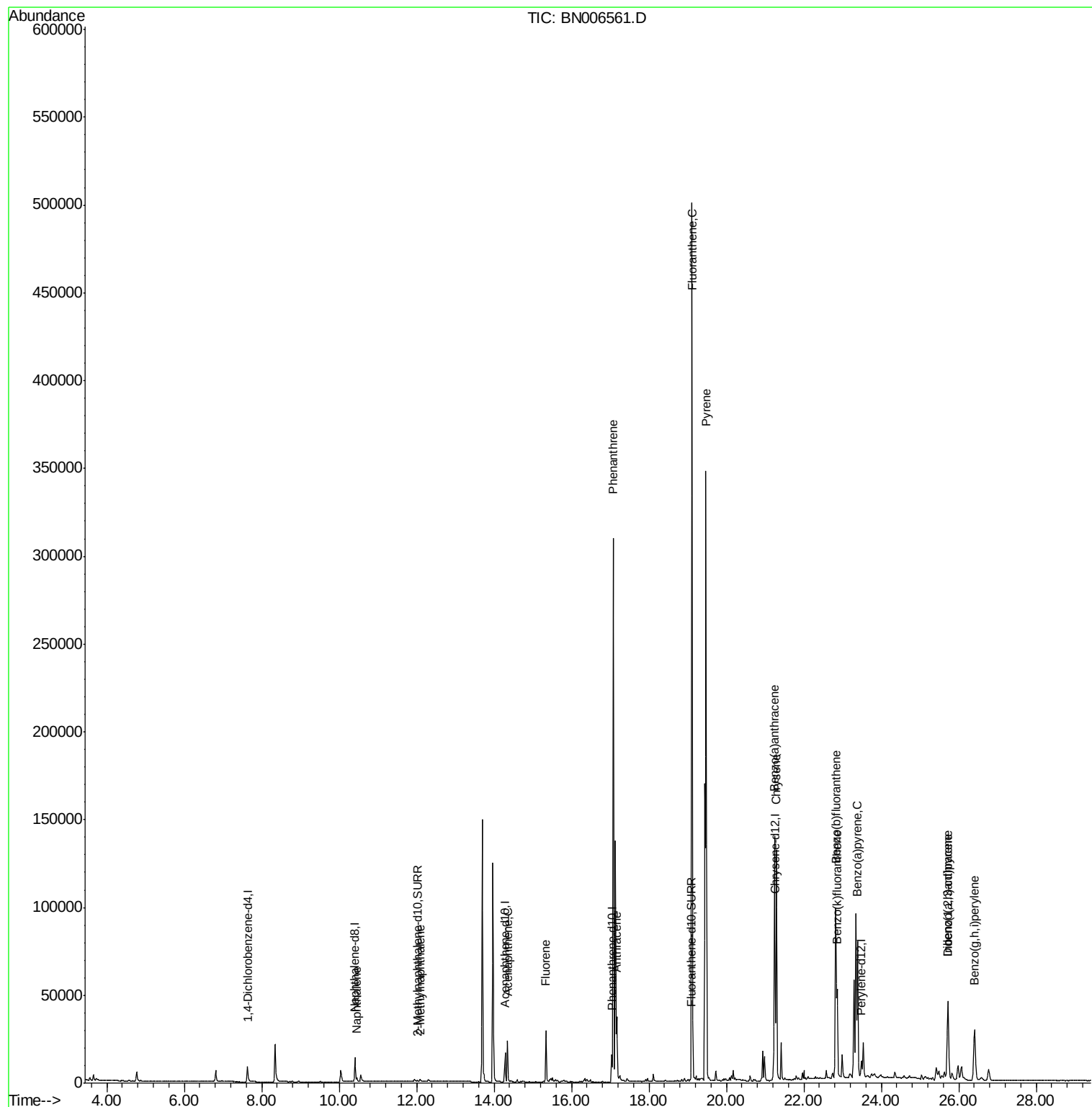
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
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ALS Vial : 38 Sample Multiplier: 1

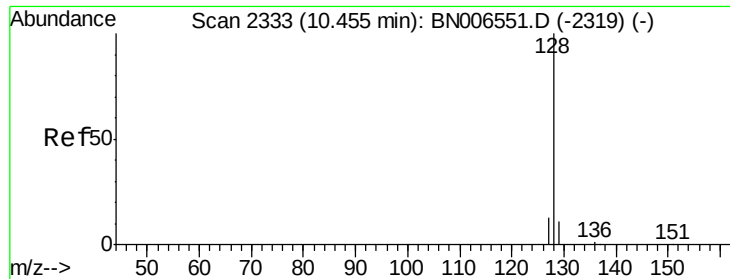
Instrument :
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Quant Time: Jun 25 11:48:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.048 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006561.D

Acq: 25 Jun 2019 08:43

Instrument :

BNA_N

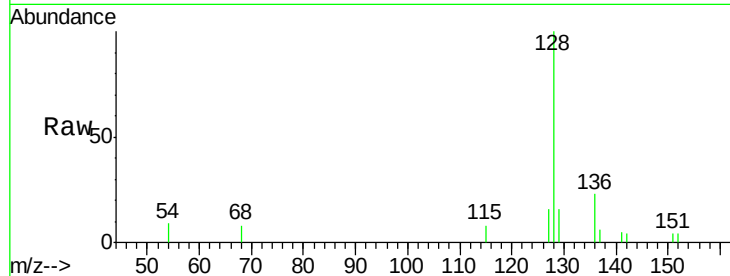
ClientSampleId :

A41T6DL

Tgt Ion:	128	Resp:	2638
Ion Ratio	Lower	Upper	
128	100		
129	16.0	9.3	13.9#
127	16.3	10.7	16.1#

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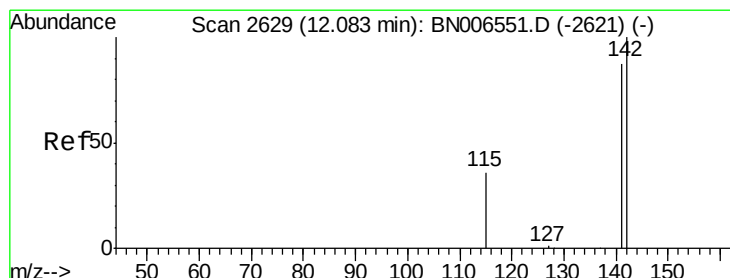
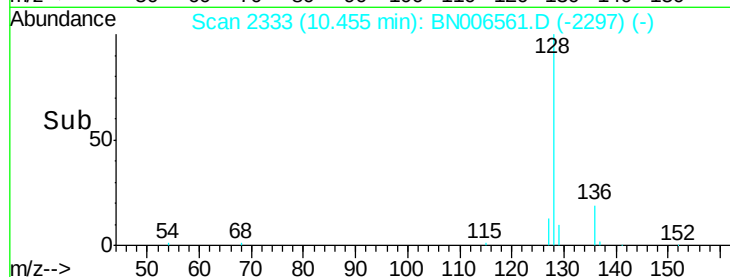
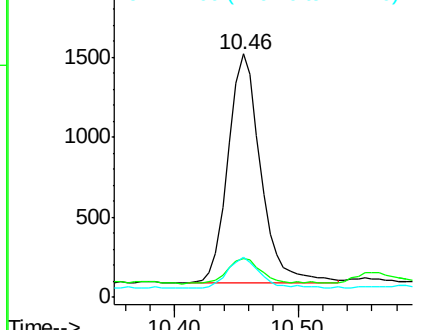
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

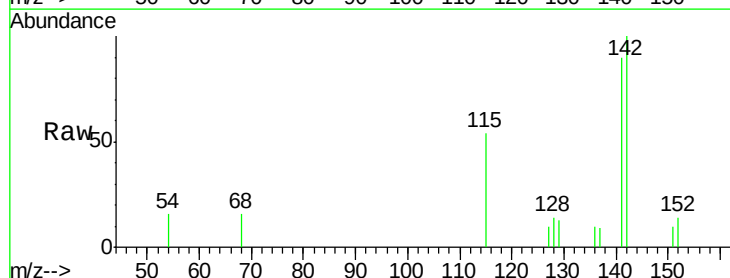
RT: 12.08 min Scan# 2629

Delta R.T. -0.00 min

Lab File: BN006561.D

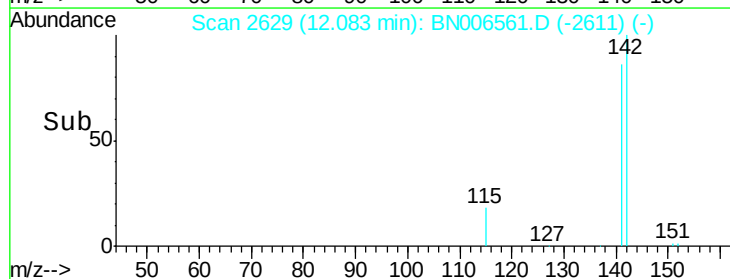
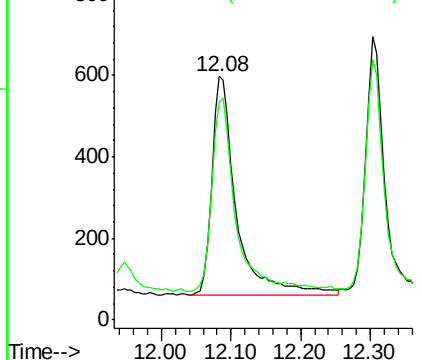
Acq: 25 Jun 2019 08:43

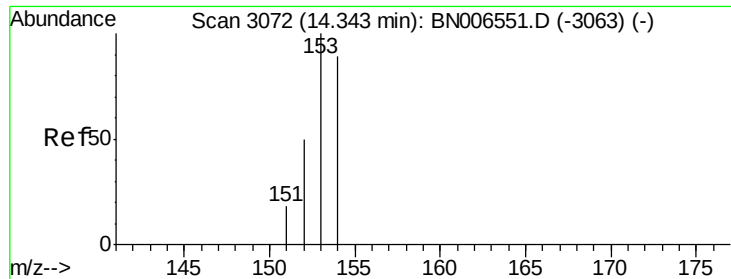
Tgt Ion:	142	Resp:	1305
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.364 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BN006561.D

Acq: 25 Jun 2019 08:43

Instrument :

BNA_N

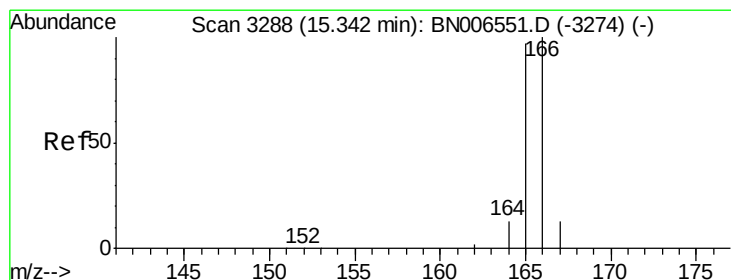
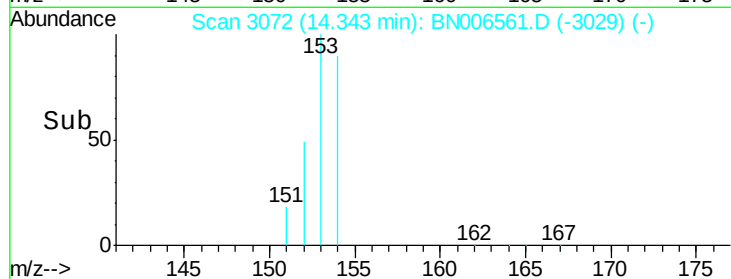
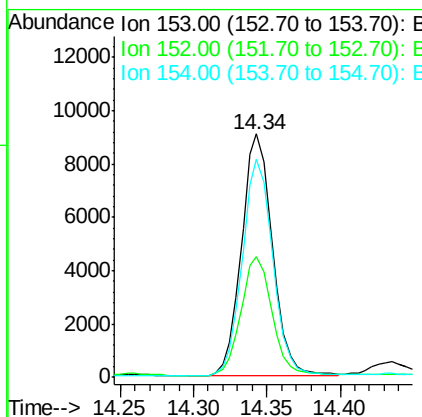
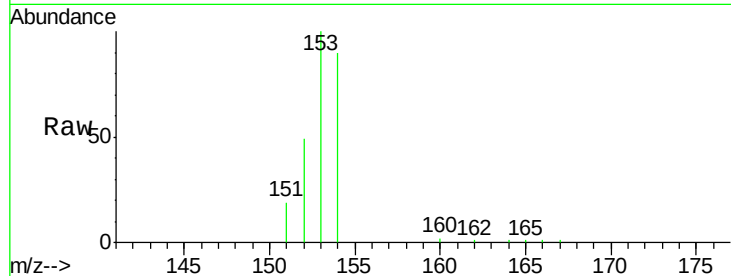
ClientSampleId :

A41T6DL

Tgt Ion:	153	Resp:	13305
Ion Ratio	Lower	Upper	
153	100		
152	49.4	39.1	58.7
154	89.6	71.1	106.7

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#9

Fluorene

Concen: 0.440 ng/ul

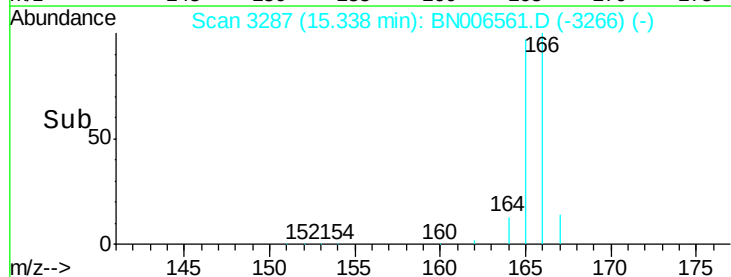
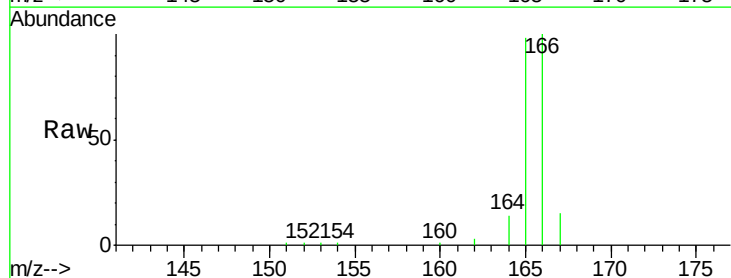
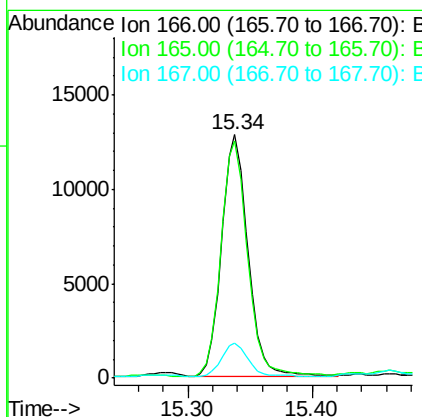
RT: 15.34 min Scan# 3287

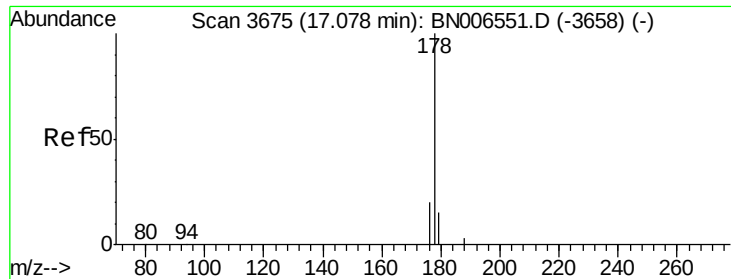
Delta R.T. -0.00 min

Lab File: BN006561.D

Acq: 25 Jun 2019 08:43

Tgt Ion:	166	Resp:	18795
Ion Ratio	Lower	Upper	
166	100		
165	97.7	76.4	114.6
167	14.5	11.0	16.6





#12

Phenanthrene

Concen: 5.730 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BN006561.D

Acq: 25 Jun 2019 08:43

Instrument :

BNA_N

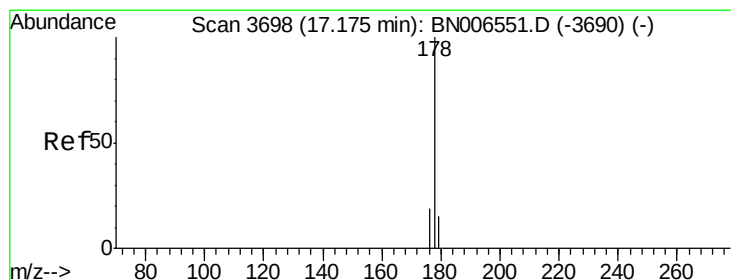
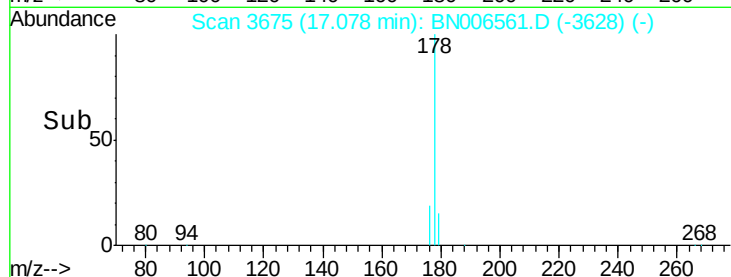
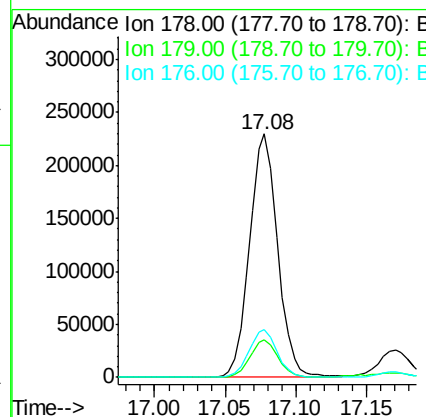
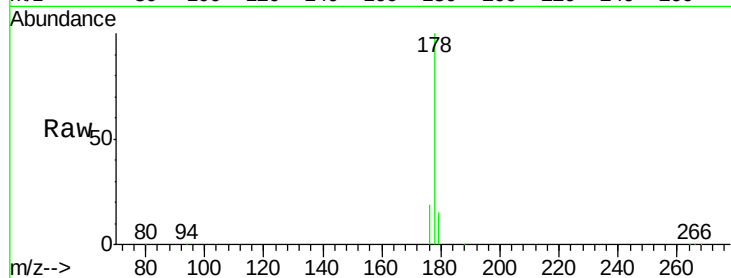
ClientSampleId :

A41T6DL

Tgt Ion:	178	Resp:	317589
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	19.4	15.3	22.9

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#13

Anthracene

Concen: 0.707 ng/ul

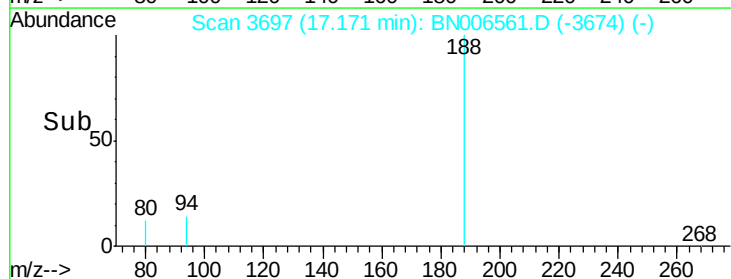
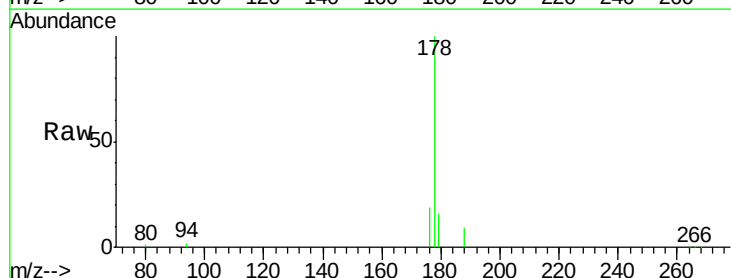
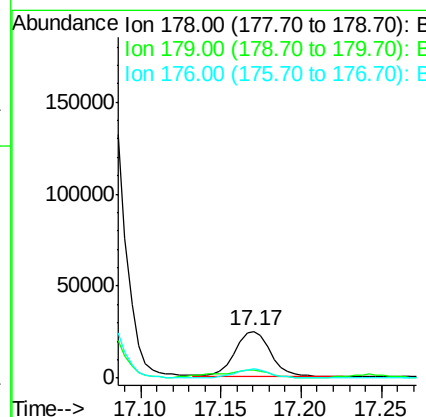
RT: 17.17 min Scan# 3697

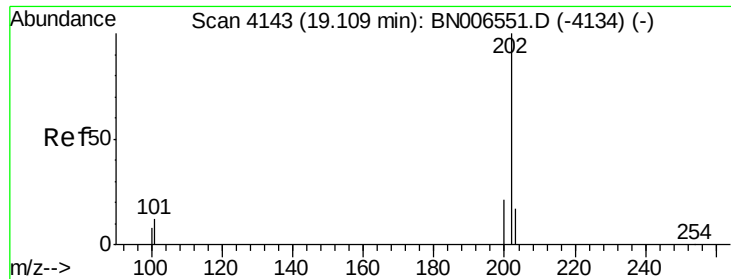
Delta R.T. -0.00 min

Lab File: BN006561.D

Acq: 25 Jun 2019 08:43

Tgt Ion:	178	Resp:	37398
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.2	18.4
176	19.2	15.1	22.7





#15

Fluoranthene

Concen: 6.603 ng/ul

RT: 19.11 min Scan# 4143

Delta R.T. -0.00 min

Lab File: BN006561.D

Acq: 25 Jun 2019 08:43

Instrument :

BNA_N

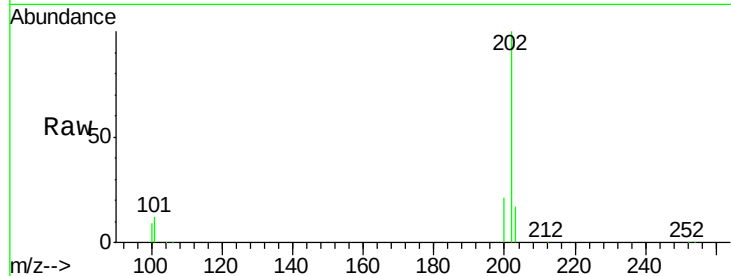
ClientSampleId :

A41T6DL

Tgt	Ion	202	Resp	404098
Ion	Ratio	Lower	Upper	
202	100			
101	12.1	0.0	32.1	
100	8.6	0.0	28.7	

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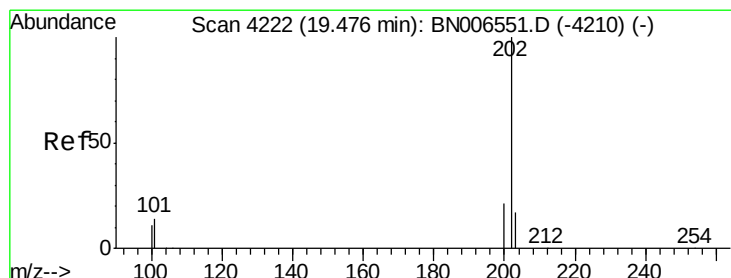
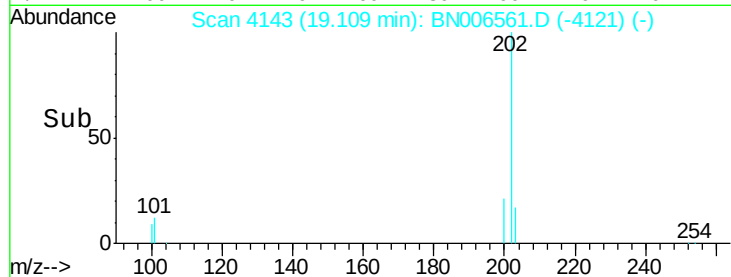
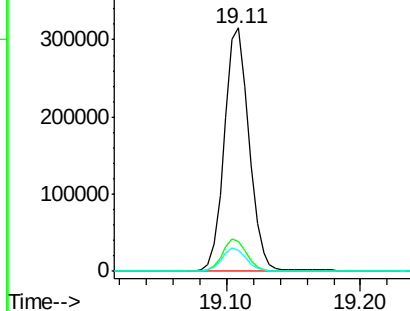
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 5.432 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. 0.00 min

Lab File: BN006561.D

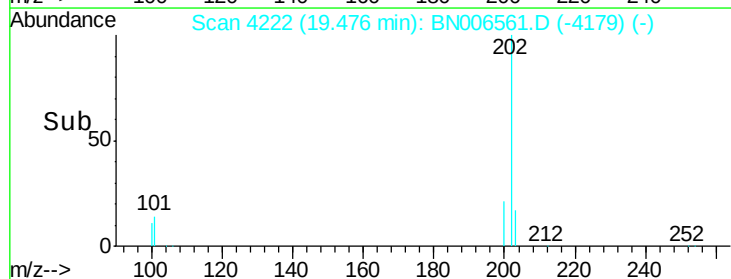
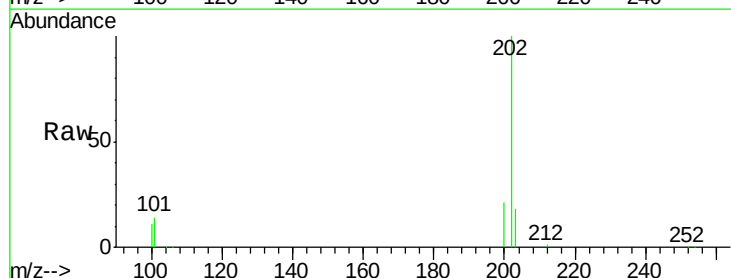
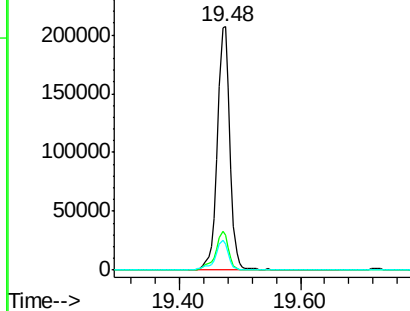
Acq: 25 Jun 2019 08:43

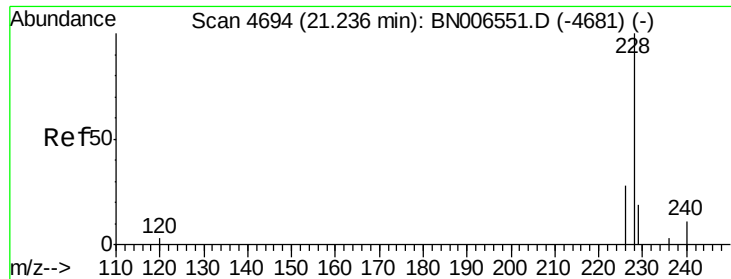
Tgt	Ion	202	Resp	296253
Ion	Ratio	Lower	Upper	
202	100			
101	14.1	12.2	18.2	
100	10.8	9.8	14.6	

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: 2.605 ng/ul

RT: 21.24 min Scan# 4694

Delta R.T. 0.00 min

Lab File: BN006561.D

Acq: 25 Jun 2019 08:43

Instrument :

BNA_N

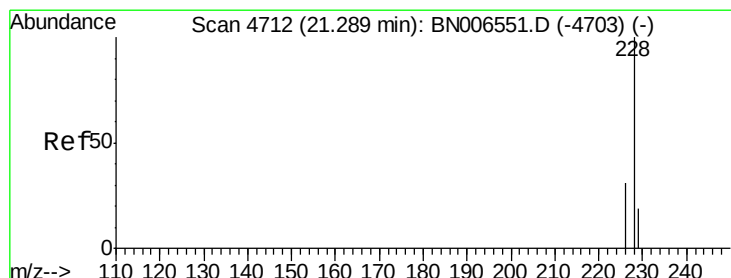
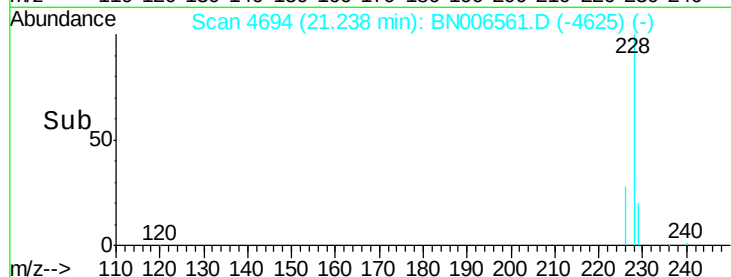
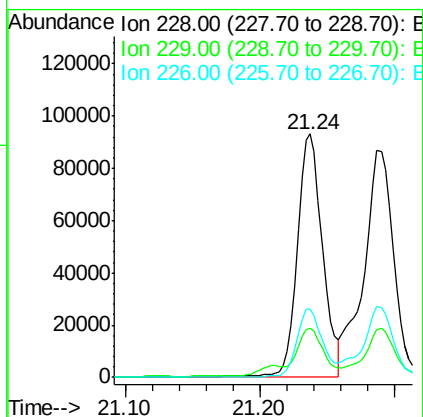
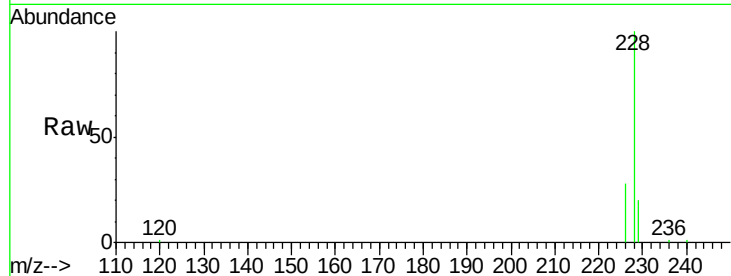
ClientSampleId :

A41T6DL

Tgt Ion:	228	Resp:	119273
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.5	24.7
226	28.0	22.8	34.2

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#19

Chrysene

Concen: 3.122 ng/ul

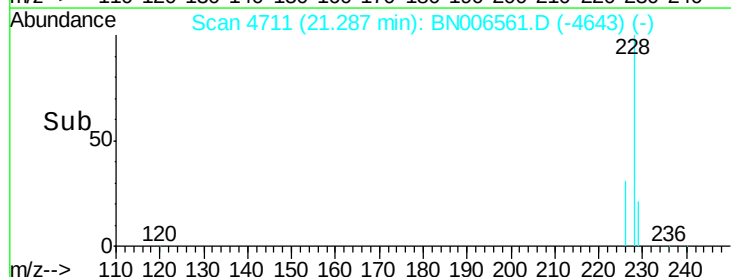
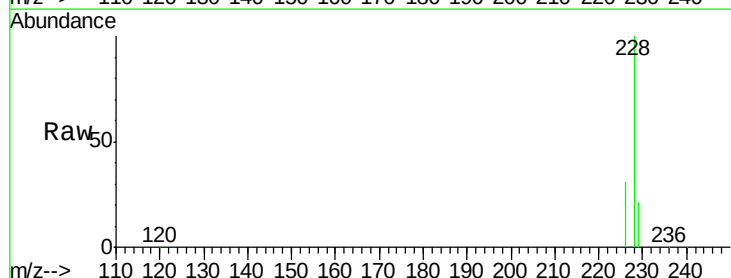
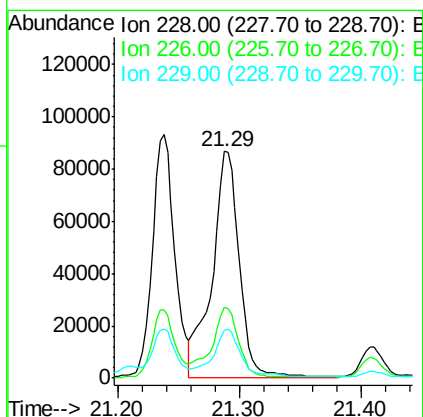
RT: 21.29 min Scan# 4711

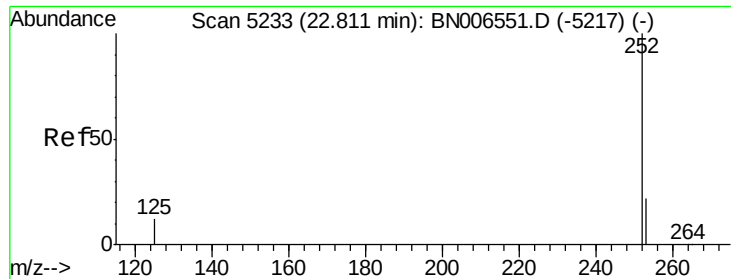
Delta R.T. -0.00 min

Lab File: BN006561.D

Acq: 25 Jun 2019 08:43

Tgt Ion:	228	Resp:	134228
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	21.1	16.3	24.5





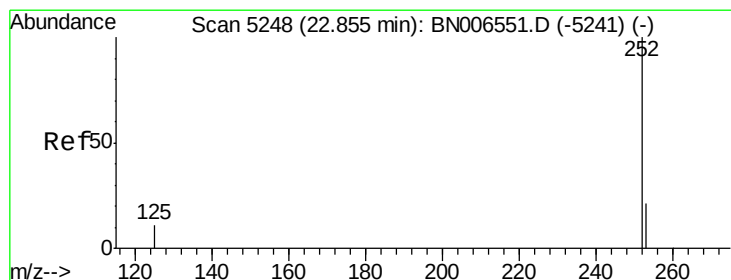
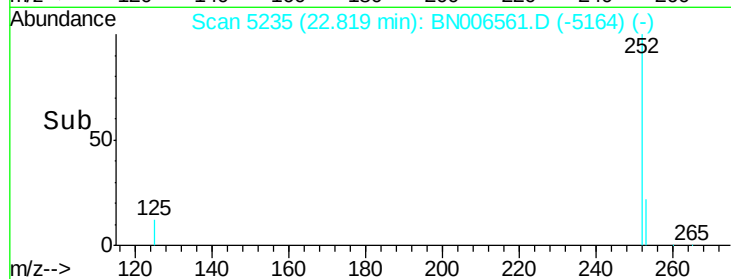
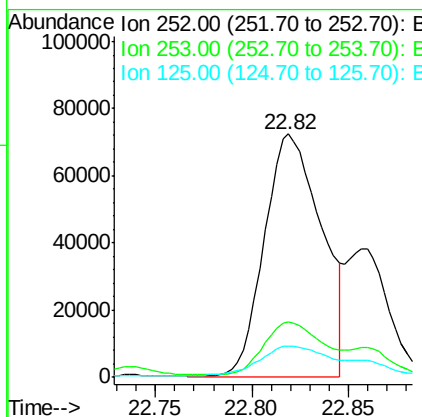
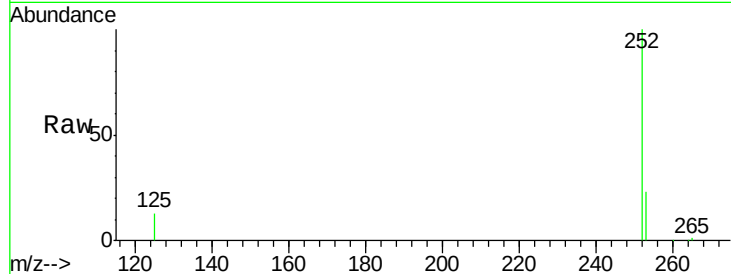
#21
Benzo(b)fluoranthene
Concen: 2.618 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. 0.01 min
Lab File: BN006561.D
Acq: 25 Jun 2019 08:43

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Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.8	0.0	51.4
125	13.0	0.0	41.0

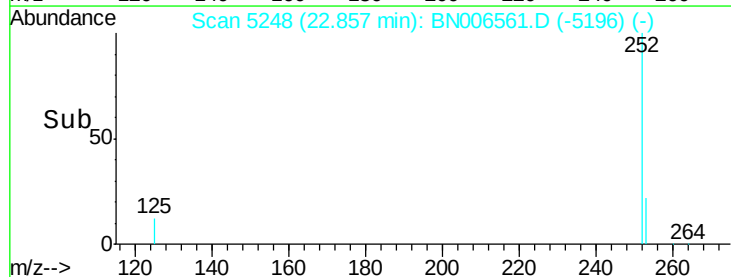
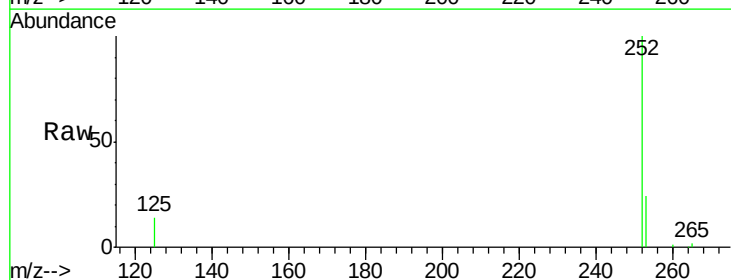
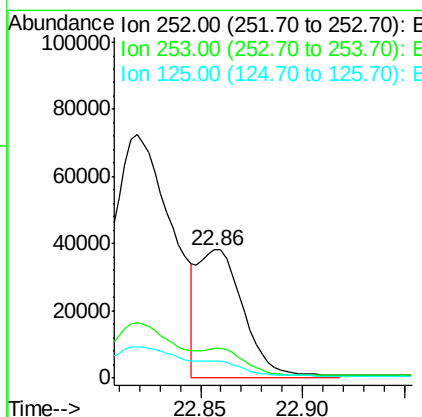
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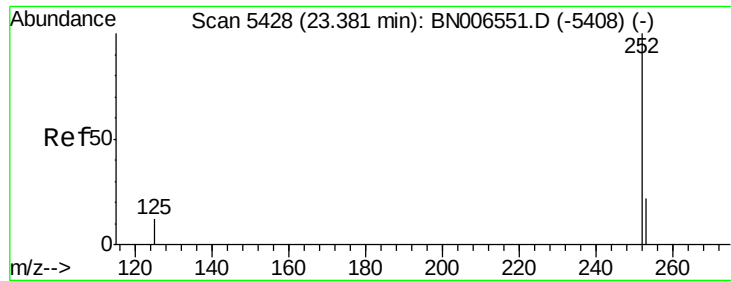
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#22
Benzo(k)fluoranthene
Concen: 1.100 ng/ul m
RT: 22.86 min Scan# 5248
Delta R.T. 0.00 min
Lab File: BN006561.D
Acq: 25 Jun 2019 08:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.7	20.3	30.5
125	13.5	14.3	21.5#





#23

Benzo(a)pyrene

Concen: 1.883 ng/ul

RT: 23.39 min Scan# 5429

Delta R.T. 0.00 min

Lab File: BN006561.D

Acq: 25 Jun 2019 08:43

Instrument :

BNA_N

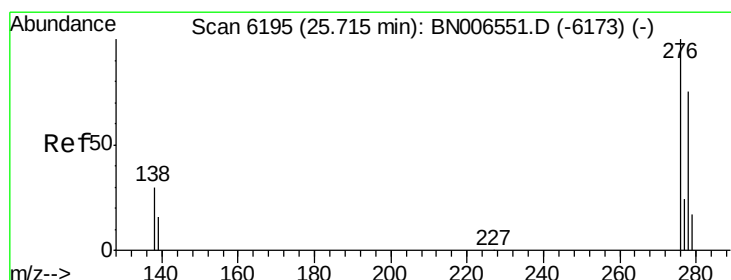
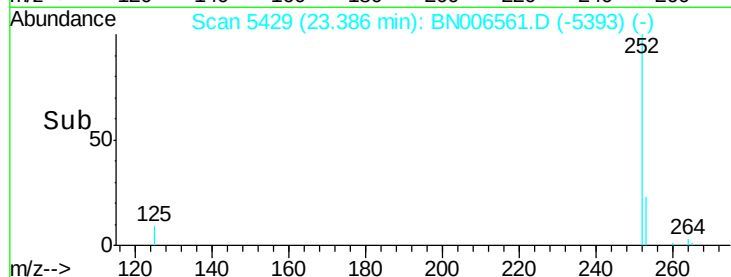
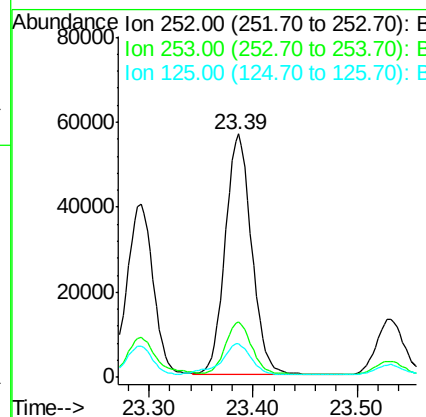
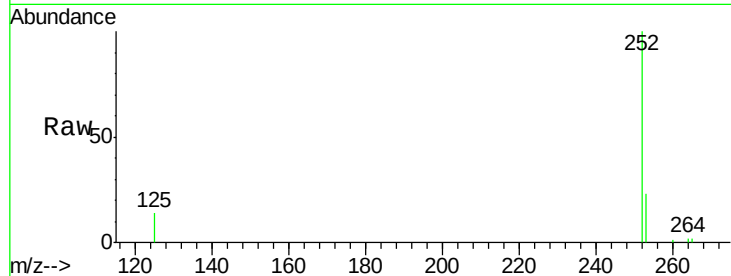
ClientSampleId :

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Tgt Ion:	252	Resp:	100033
Ion Ratio	Lower	Upper	
252	100		
253	22.9	21.1	31.7
125	13.7	20.3	30.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.168 ng/ul

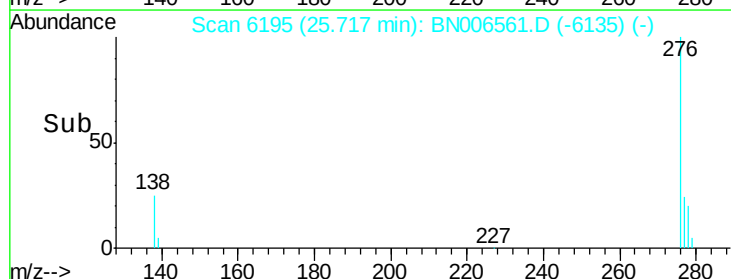
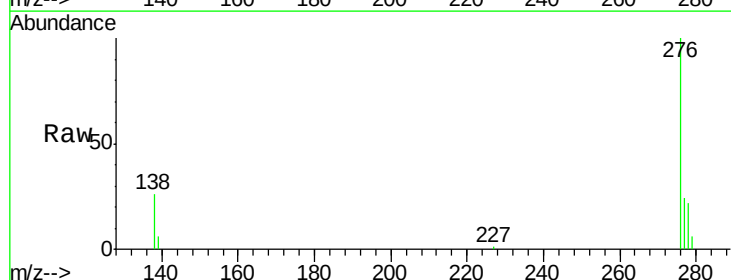
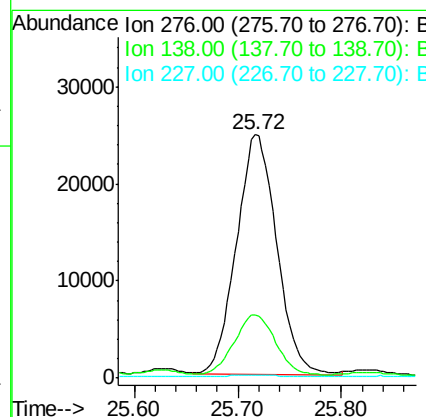
RT: 25.72 min Scan# 6195

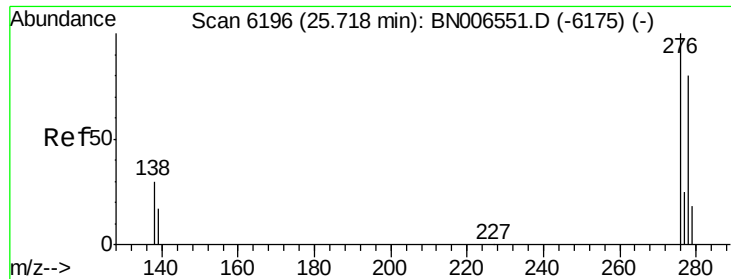
Delta R.T. 0.00 min

Lab File: BN006561.D

Acq: 25 Jun 2019 08:43

Tgt Ion:	276	Resp:	67180
Ion Ratio	Lower	Upper	
276	100		
138	25.7	25.6	38.4
227	0.2	0.3	0.5#





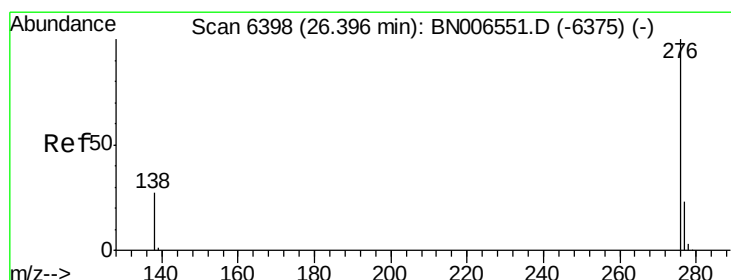
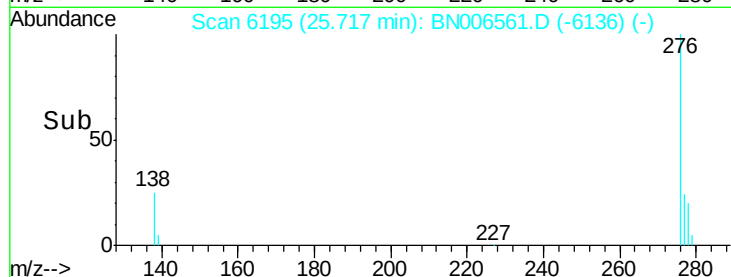
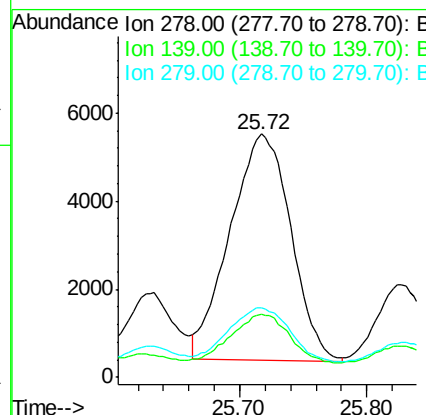
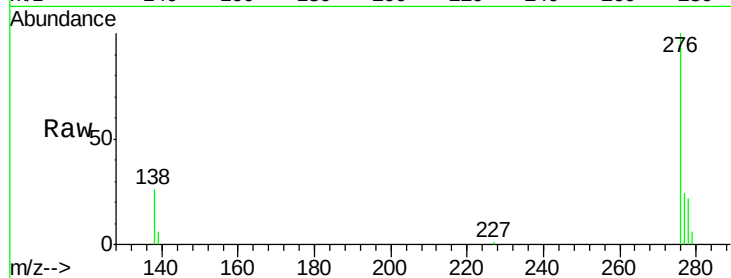
#25
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 25.72 min Scan# 6195
Delta R.T. -0.00 min
Lab File: BN006561.D
Acq: 25 Jun 2019 08:43

Instrument :
BNA_N
ClientSampleId :
A41T6DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.7	21.2	31.8
279	28.4	22.6	33.8

Manual Integrations
APPROVED

mohammad
6/25/2019 10:21:41 PM



#26
Benzo(g,h,i)perylene
Concen: 1.216 ng/ul
RT: 26.41 min Scan# 6401
Delta R.T. 0.01 min
Lab File: BN006561.D
Acq: 25 Jun 2019 08:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	24.2	36.4
277	24.7	21.5	32.3

