

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053019\
 Data File : BN005966.D
 Acq On : 30 May 2019 19:15
 Operator : JU/SJ
 Sample : K2788-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5191DL

Manual Integrations
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 5/31/2019 8:11:57 AM

Quant Time: May 31 01:11:15 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 : Thu May 30 15:28:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	9613	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	36483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.39	164	18098	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	34496	0.40	ng/ul	0.00
16) Chrysene-d12	21.35	240	20236	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	22120	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2628	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.18	212	3933	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	4334	0.043	ng/ul#	89
5) 2-Methylnaphthalene	12.19	142	11620	0.166	ng/ul	99
8) Acenaphthene	14.45	153	5955	0.085	ng/ul	99
9) Fluorene	15.44	166	3358	0.041	ng/ul#	87
12) Phenanthrene	17.18	178	57383	0.518	ng/ul	100
13) Anthracene	17.27	178	10288	0.097	ng/ul	95
15) Fluoranthene	19.21	202	90359	0.739	ng/ul	96
17) Pyrene	19.57	202	76520	0.718	ng/ul	98
18) Benzo(a)anthracene	21.33	228	33530	0.375	ng/ul	96
19) Chrysene	21.38	228	35478m	0.422	ng/ul	
21) Benzo(b)fluoranthene	22.94	252	45228m	0.490	ng/ul	
22) Benzo(k)fluoranthene	22.99	252	15312m	0.170	ng/ul	
23) Benzo(a)pyrene	23.53	252	31037	0.361	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.91	276	22422	0.241	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.92	278	5985	0.081	ng/ul#	1
26) Benzo(a,h,i)perylene	26.62	276	24954	0.320	ng/ul#	87

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

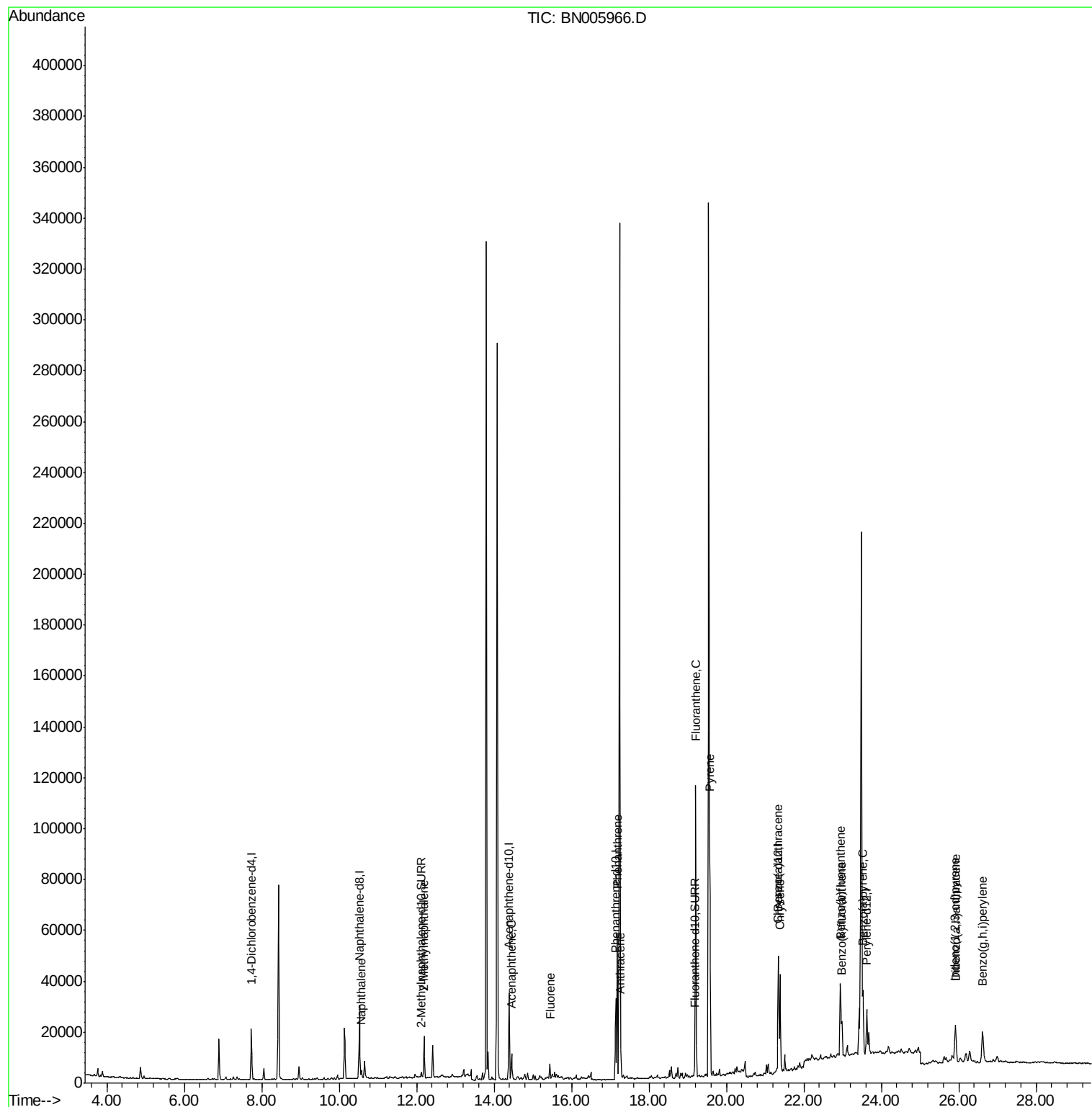
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053019\
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ALS Vial : 14 Sample Multiplier: 1

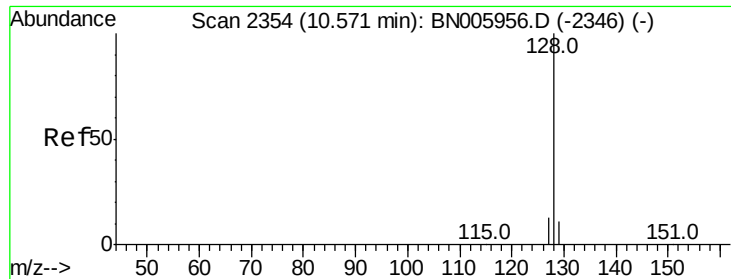
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Thu May 30 15:28:35 2019
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#3

Naphthalene

Concen: 0.043 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

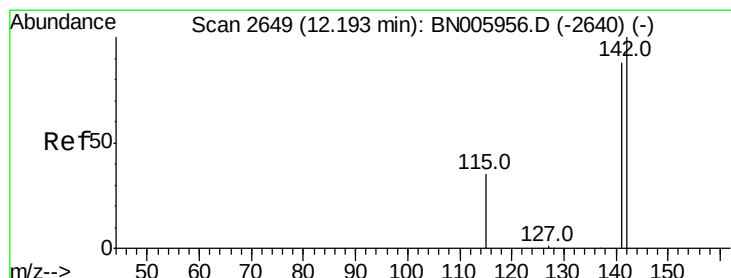
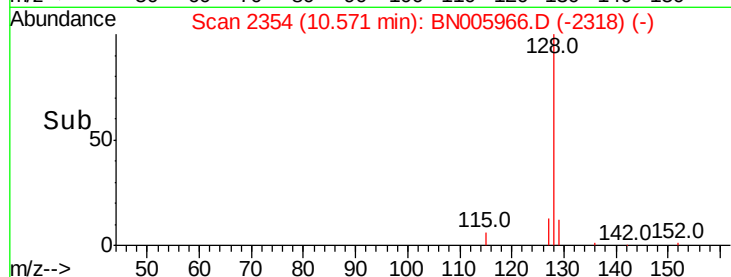
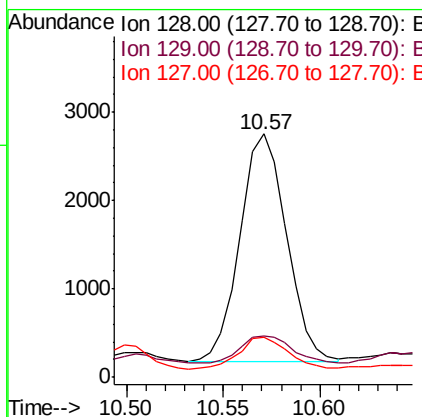
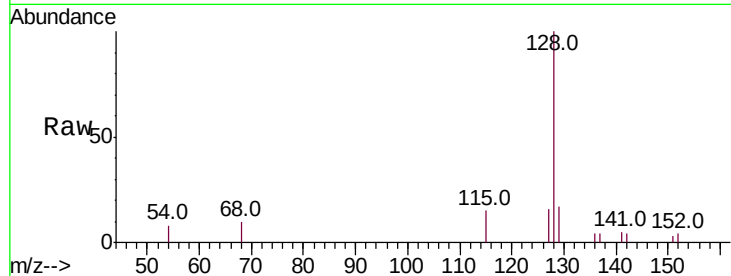
ClientSampleId :

A5191DL

Tot Ion:128	Resp:	4334
Ion Ratio	Lower	Upper
128	100	
129	17.2	9.3 13.9#
127	16.3	10.7 16.1#

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#5

2-Methylnaphthalene

Concen: 0.166 ng/ul

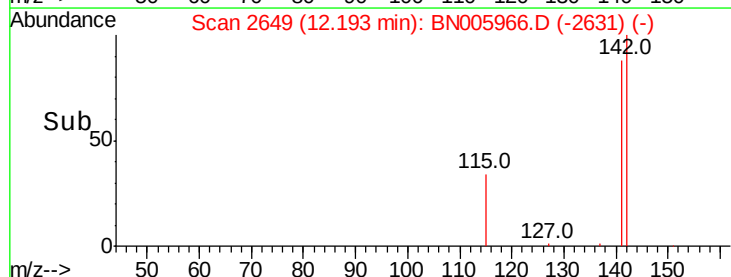
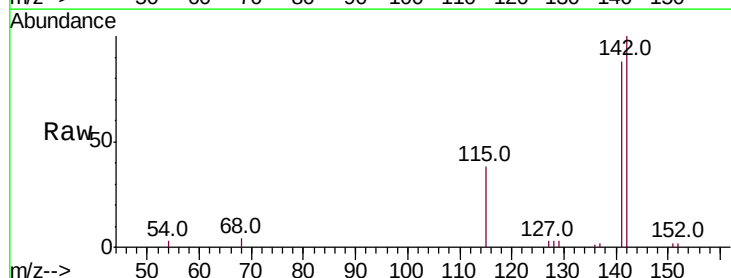
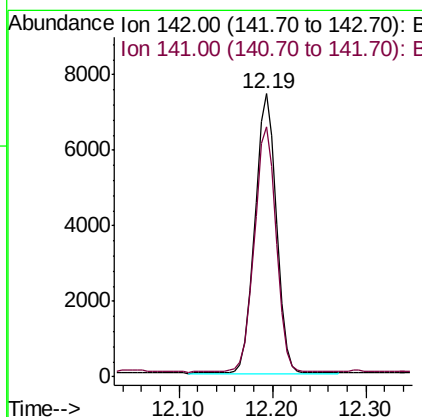
RT: 12.19 min Scan# 2649

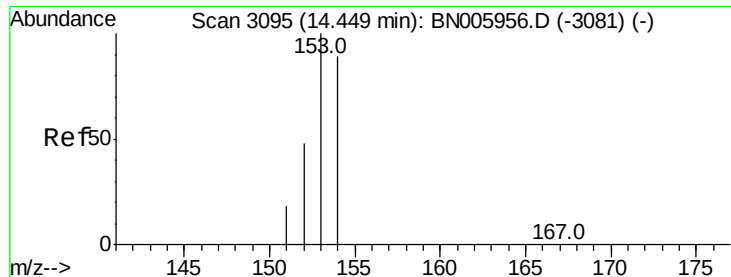
Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Tgt Ion:142	Resp:	11620
Ion Ratio	Lower	Upper
142	100	
141	87.4	70.3 105.5





#8

Acenaphthene

Concen: 0.085 ng/ul

RT: 14.45 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

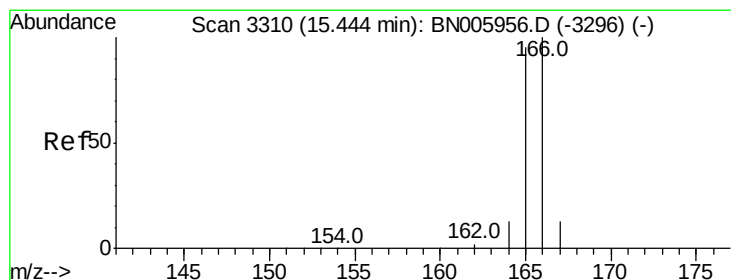
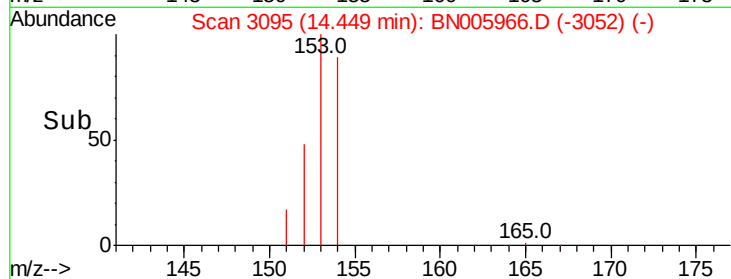
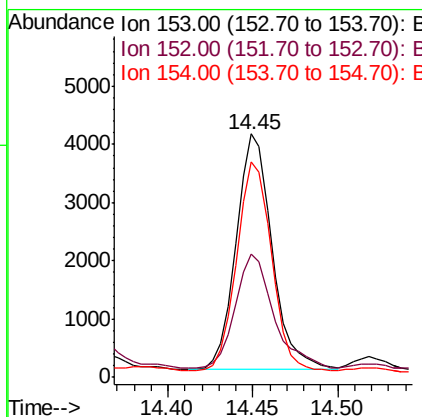
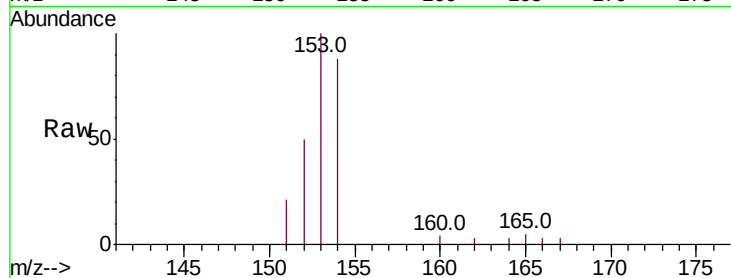
ClientSampled :

A5191DL

Tot Ion:	153	Resp:	5955
Ion Ratio	Lower	Upper	
153	100		
152	50.4	39.1	58.7
154	88.5	71.1	106.7

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#9

Fluorene

Concen: 0.041 ng/ul

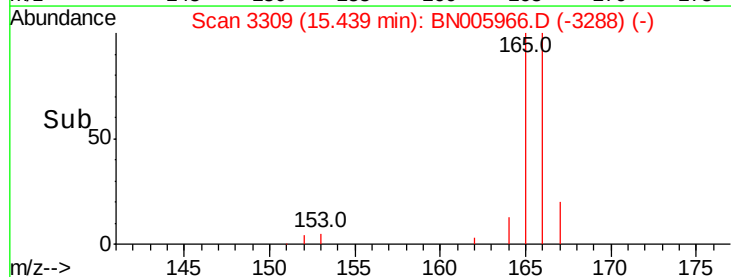
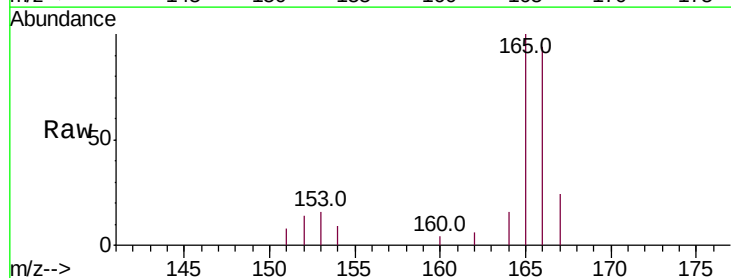
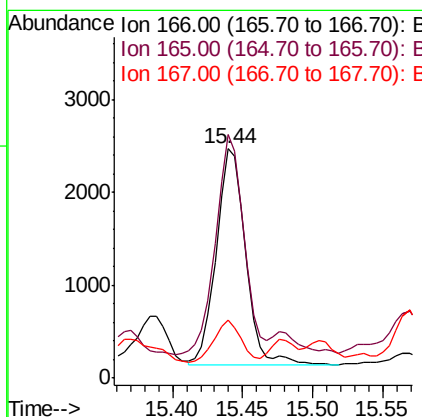
RT: 15.44 min Scan# 3309

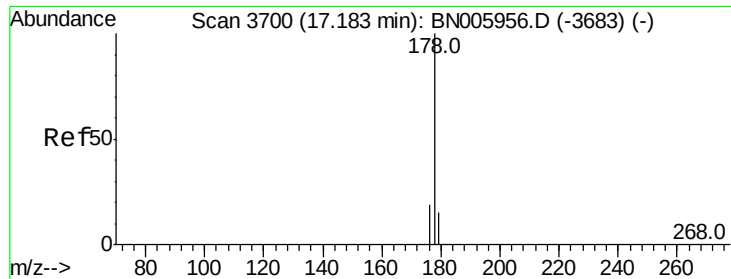
Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Tgt Ion:	166	Resp:	3358
Ion Ratio	Lower	Upper	
166	100		
165	106.2	76.4	114.6
167	25.4	11.0	16.6#





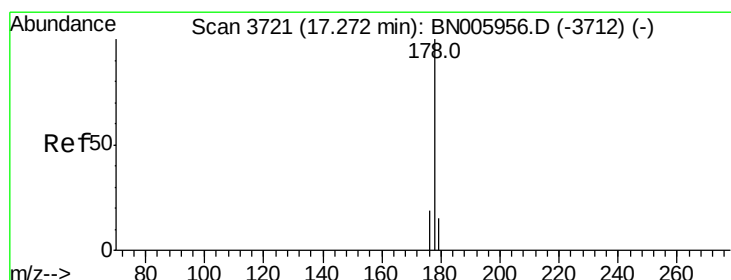
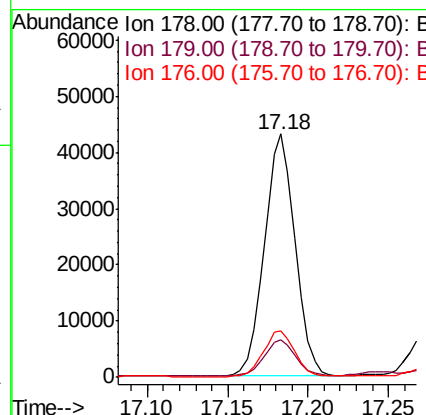
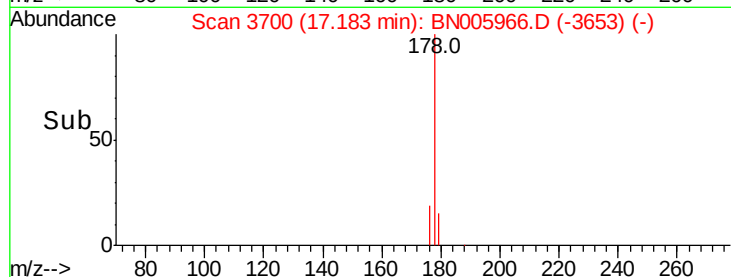
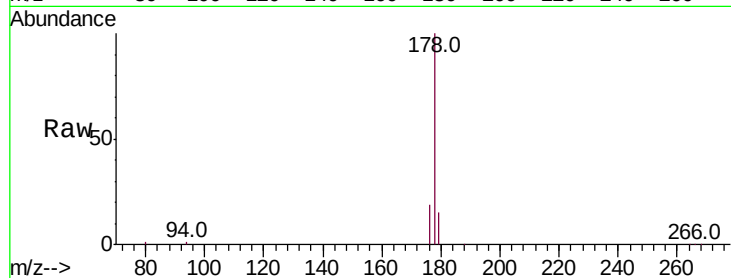
#12
Phenanthrene
Concen: 0.518 ng/ul
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN005966.D
Acq: 30 May 2019 19:15

Instrument :
BNA_N
ClientSampleId :
A5191DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.3	15.3	22.9

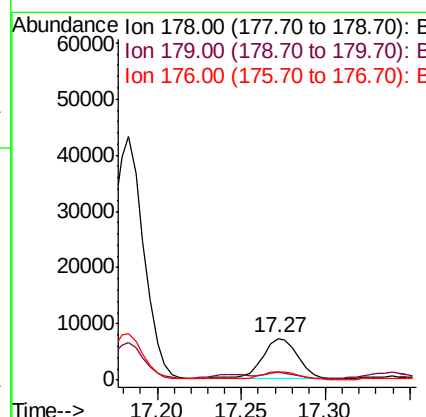
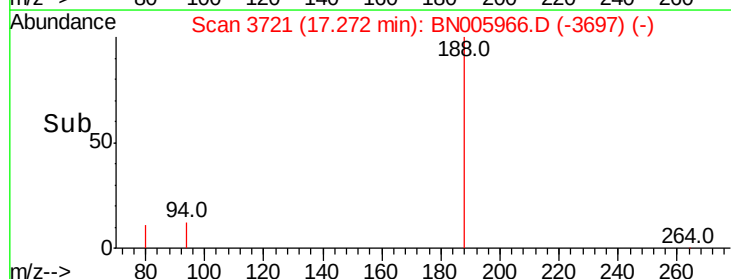
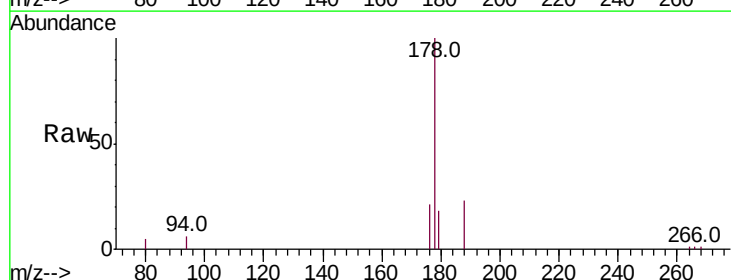
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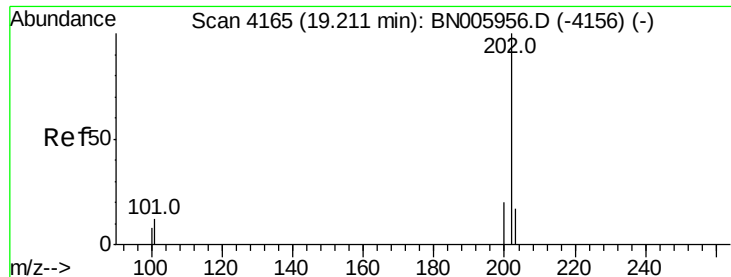
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#13
Anthracene
Concen: 0.097 ng/ul
RT: 17.27 min Scan# 3721
Delta R.T. -0.00 min
Lab File: BN005966.D
Acq: 30 May 2019 19:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.2	18.4
176	20.9	15.1	22.7





#15

Fluoranthene

Concen: 0.739 ng/ul

RT: 19.21 min Scan# 4164

Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

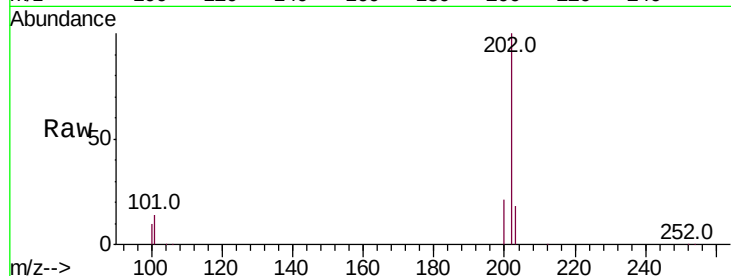
ClientSampleID :

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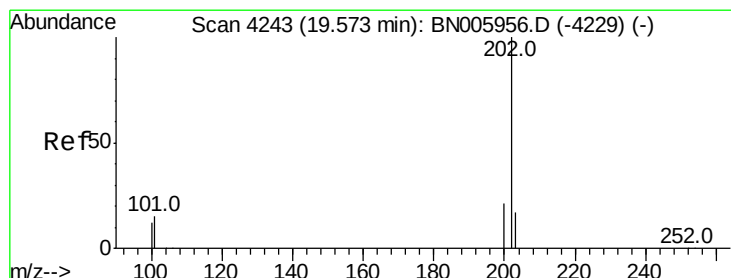
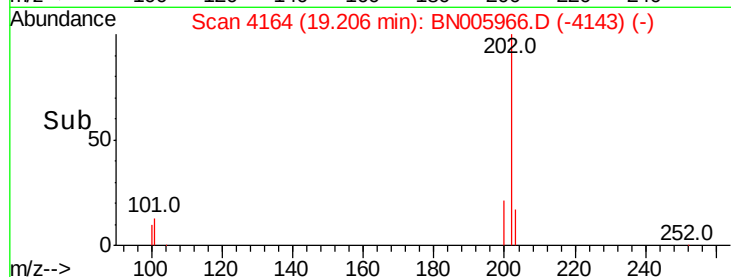
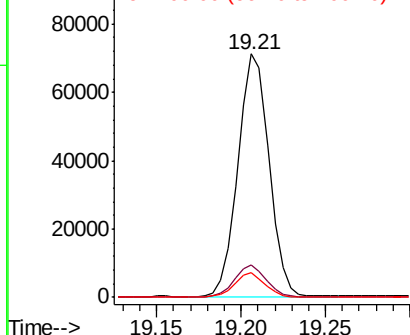
Tot Ion:	202	Resp:	90359
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	32.1
100	10.0	0.0	28.7

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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: 0.718 ng/ul

RT: 19.57 min Scan# 4243

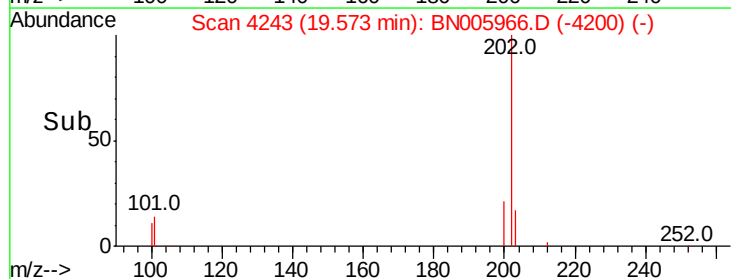
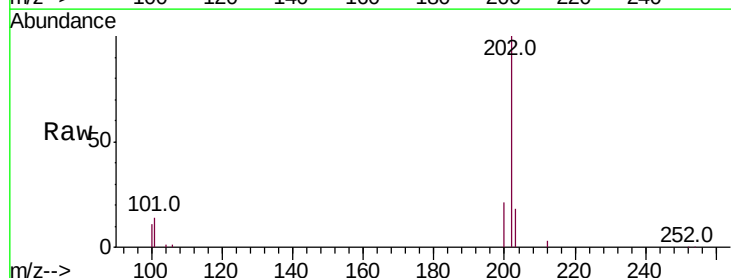
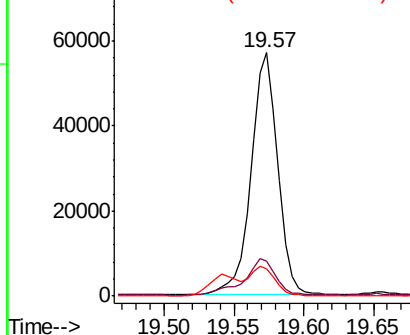
Delta R.T. -0.00 min

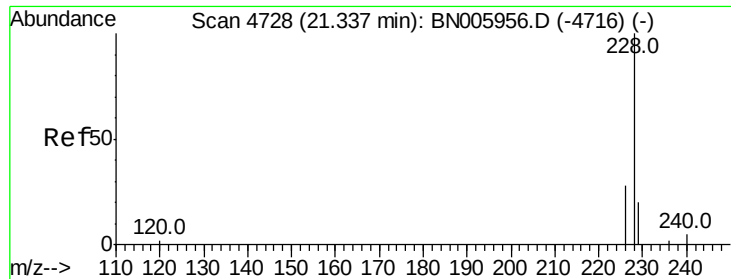
Lab File: BN005966.D

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Tgt Ion:	202	Resp:	76520
Ion Ratio	Lower	Upper	
202	100		
101	14.3	12.2	18.2
100	11.3	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





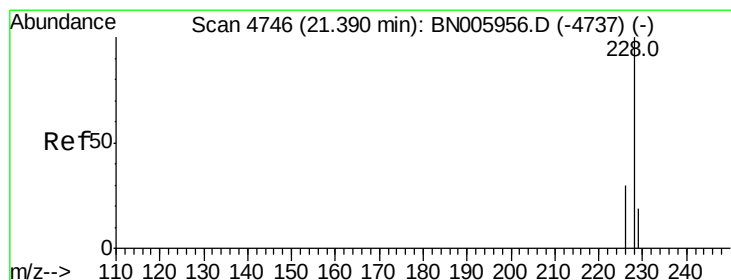
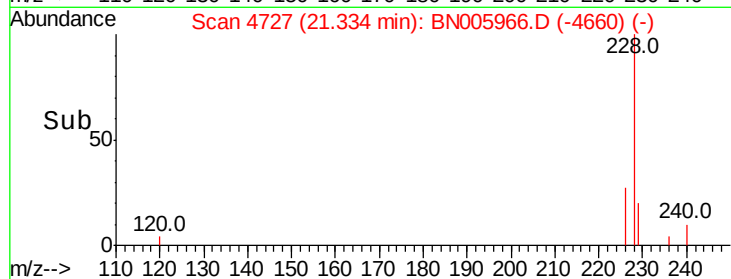
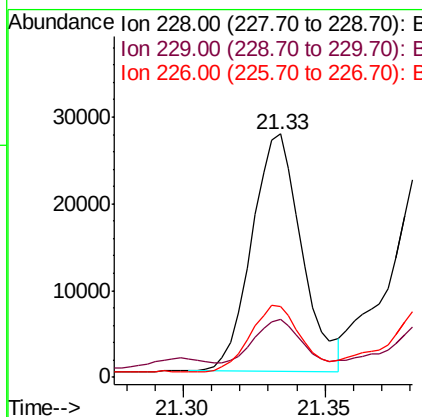
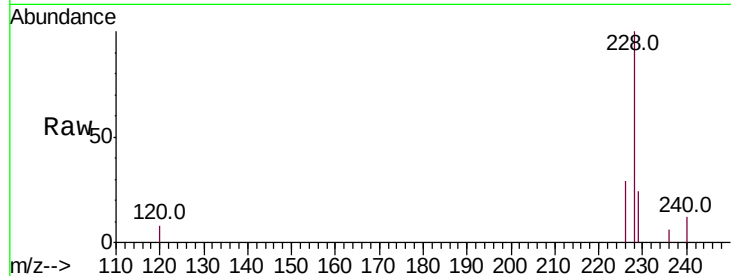
#18
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.33 min Scan# 4727
Delta R.T. -0.00 min
Lab File: BN005966.D
Acq: 30 May 2019 19:15

Instrument :
BNA_N
ClientSampleId :
A5191DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.5	24.7
226	29.3	22.8	34.2

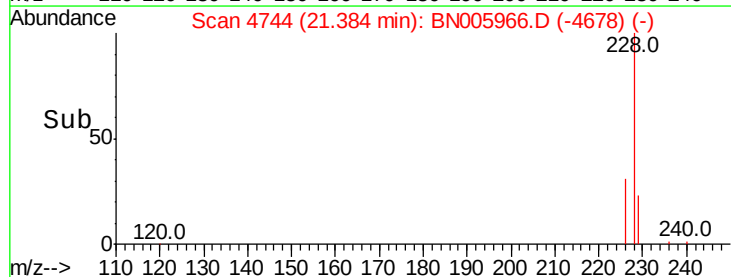
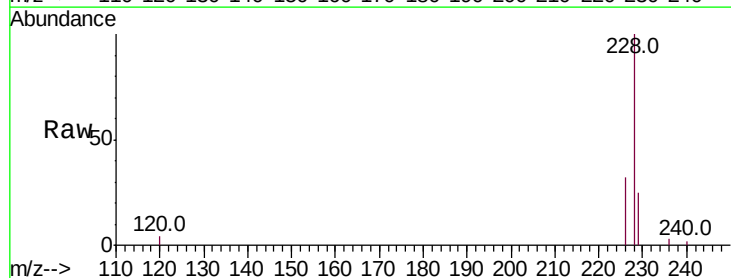
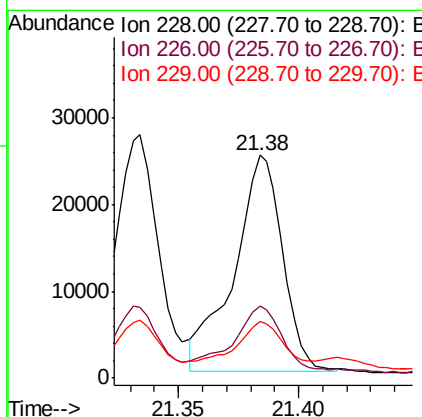
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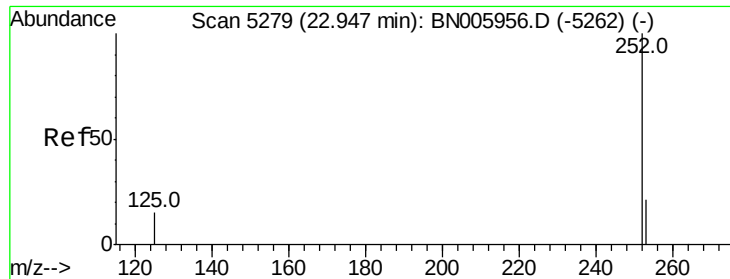
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#19
Chrysene
Concen: 0.422 ng/ul m
RT: 21.38 min Scan# 4744
Delta R.T. -0.01 min
Lab File: BN005966.D
Acq: 30 May 2019 19:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	25.3	16.3	24.5





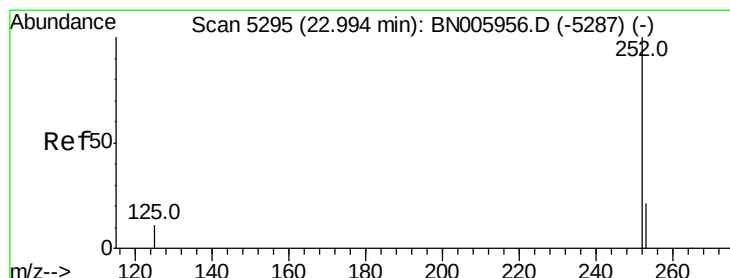
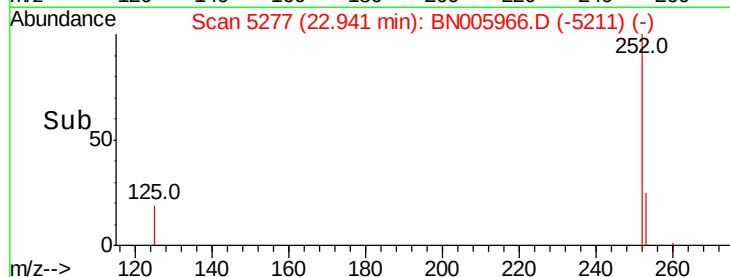
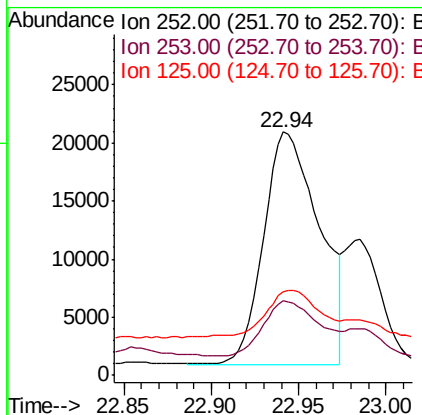
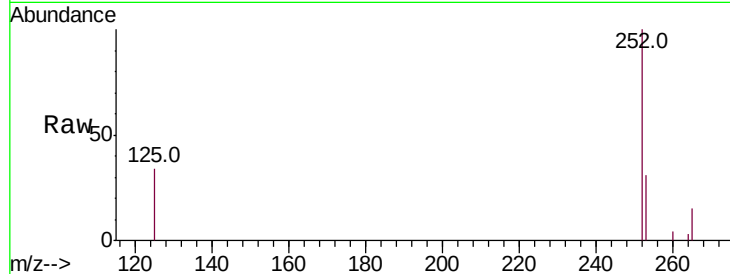
#21
Benzo(b)fluoranthene
Concen: 0.490 ng/ul m
RT: 22.94 min Scan# 5277
Delta R.T. -0.01 min
Lab File: BN005966.D
Acq: 30 May 2019 19:15

Instrument :
BNA_N
ClientSampleID :
A5191DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.7	0.0	51.4
125	34.3	0.0	41.0

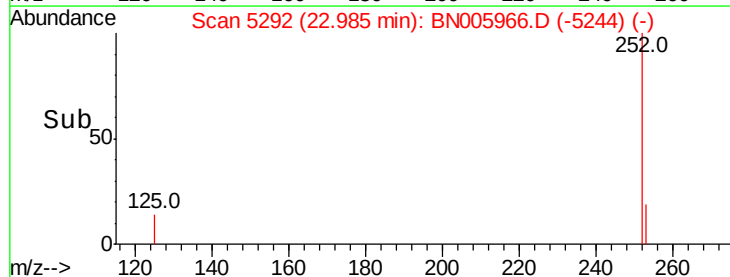
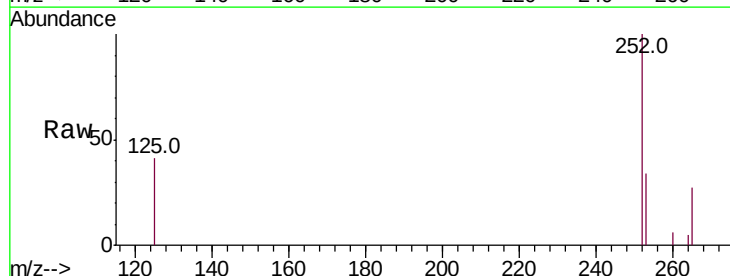
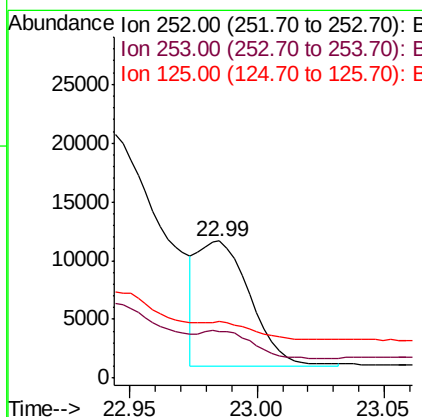
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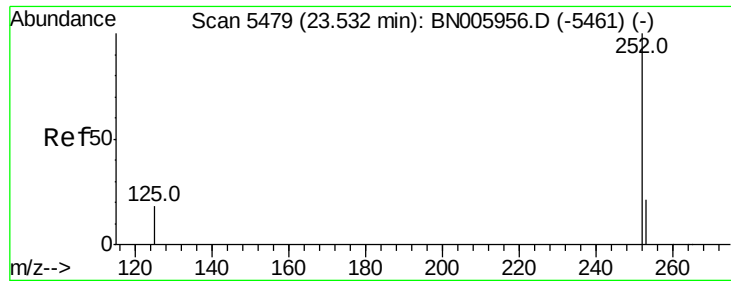
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#22
Benzo(k)fluoranthene
Concen: 0.170 ng/ul m
RT: 22.99 min Scan# 5292
Delta R.T. -0.01 min
Lab File: BN005966.D
Acq: 30 May 2019 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.3	20.3	30.5#
125	41.1	14.3	21.5#





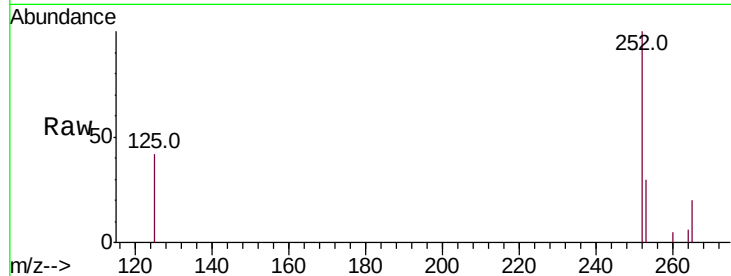
#23
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.53 min Scan# 5477
Delta R.T. -0.01 min
Lab File: BN005966.D
Acq: 30 May 2019 19:15

Instrument :
BNA_N
ClientSampleId :
A5191DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.4	21.1	31.7
125	41.7	20.3	30.5

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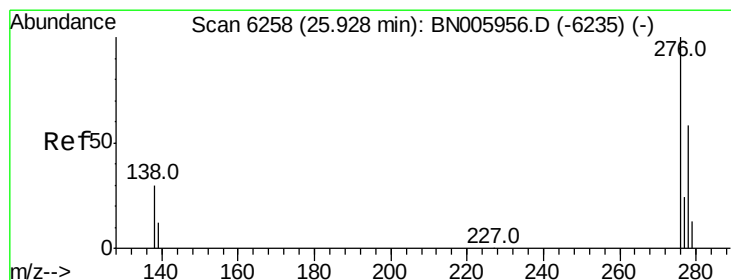
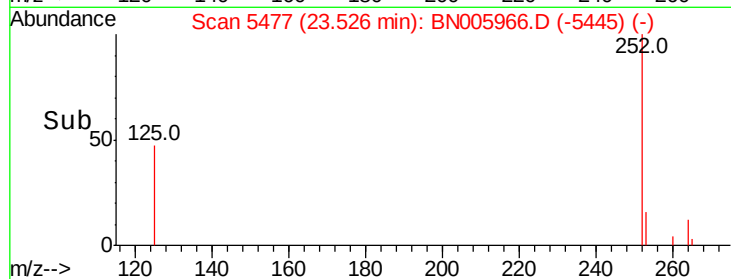
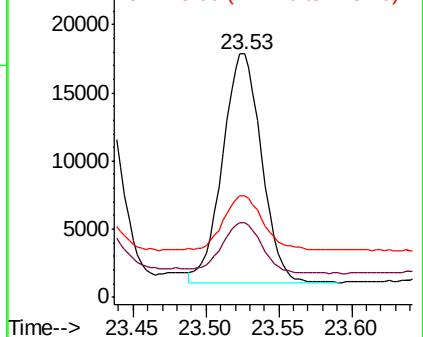


Abundance

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: 0.241 ng/ul
RT: 25.91 min Scan# 6254
Delta R.T. -0.01 min
Lab File: BN005966.D
Acq: 30 May 2019 19:15

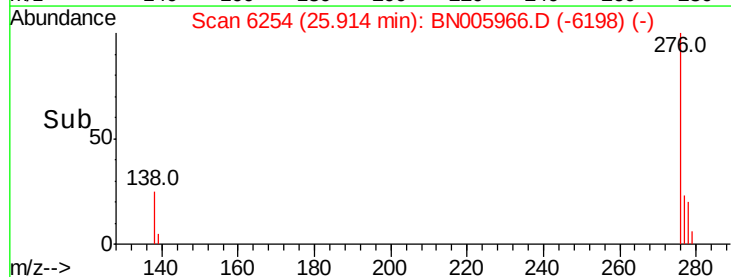
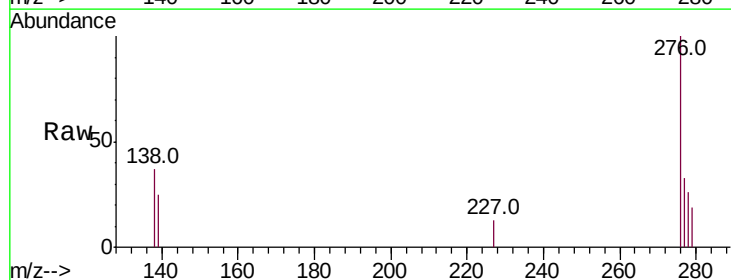
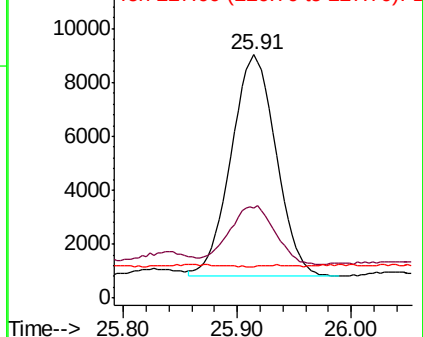
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.6	38.4
227	0.2	0.3	0.5

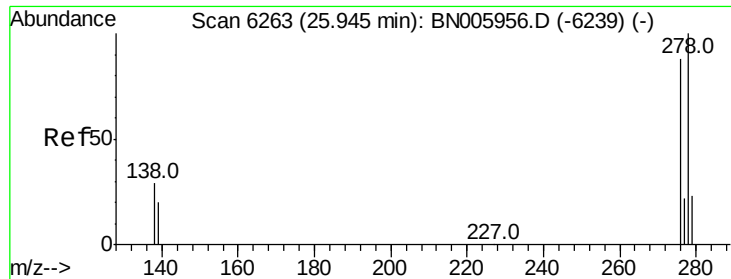
Abundance

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: 0.081 ng/ul

RT: 25.92 min Scan# 6257

Delta R.T. -0.02 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

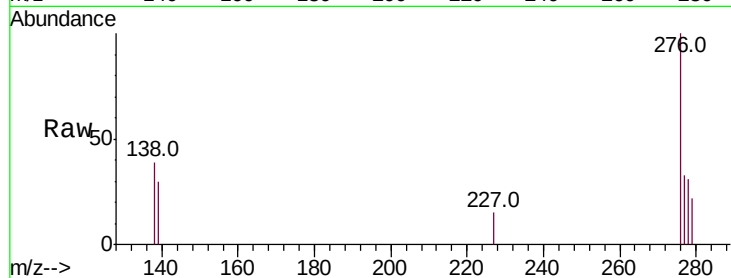
ClientSampleId :

A5191DL

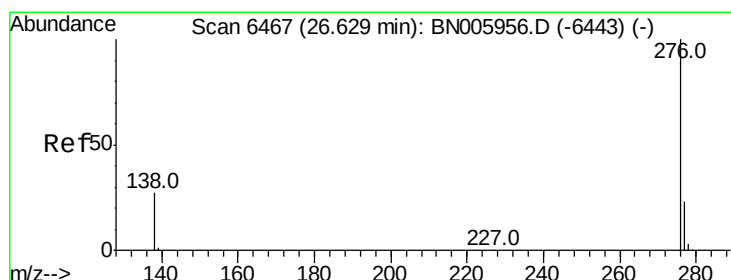
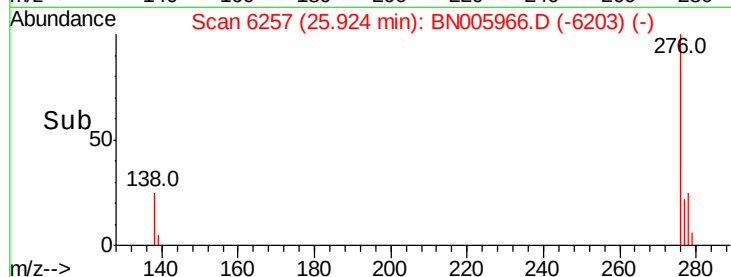
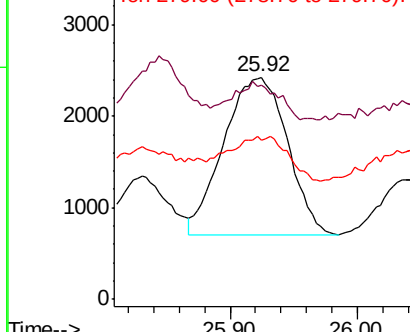
Tot Ion:	278	Resp:	5985
Ion Ratio	Lower	Upper	
278	100		
139	96.3	21.2	31.8#
279	72.0	22.6	33.8#

Manual Integrations
APPROVED

mohammad
5/31/2019 8:11:57 AM



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: 0.320 ng/ul

RT: 26.62 min Scan# 6464

Delta R.T. -0.01 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Tgt Ion:	276	Resp:	24954
Ion Ratio	Lower	Upper	
276	100		
138	38.6	24.2	36.4#
277	32.5	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

