

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006529.D
 Acq On : 24 Jun 2019 14:10
 Operator : HP/JU
 Sample : K3360-07DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y7DL

Manual Integrations
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Quant Time: Jun 25 11:14:04 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4452	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	16625	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8441	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15566	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	8613	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	8467m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	565	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	1000	0.02	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.00	152	1339	0.029	ng/ul#	88
8) Acenaphthene	14.34	153	1084	0.033	ng/ul	97
9) Fluorene	15.34	166	2132	0.056	ng/ul#	95
12) Phenanthrene	17.08	178	41937	0.839	ng/ul	99
13) Anthracene	17.17	178	7580	0.159	ng/ul	96
15) Fluoranthene	19.11	202	48072	0.871	ng/ul	97
17) Pyrene	19.48	202	42196	0.930	ng/ul	100
18) Benzo(a)anthracene	21.25	228	14622	0.384	ng/ul	99
19) Chrysene	21.30	228	14339	0.401	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	14991m	0.425	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	5778m	0.168	ng/ul	
23) Benzo(a)pyrene	23.40	252	10554	0.321	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.74	276	6093	0.171	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.74	278	1683	0.059	ng/ul#	80
26) Benzo(g,h,i)perylene	26.42	276	4448	0.149	ng/ul	99

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

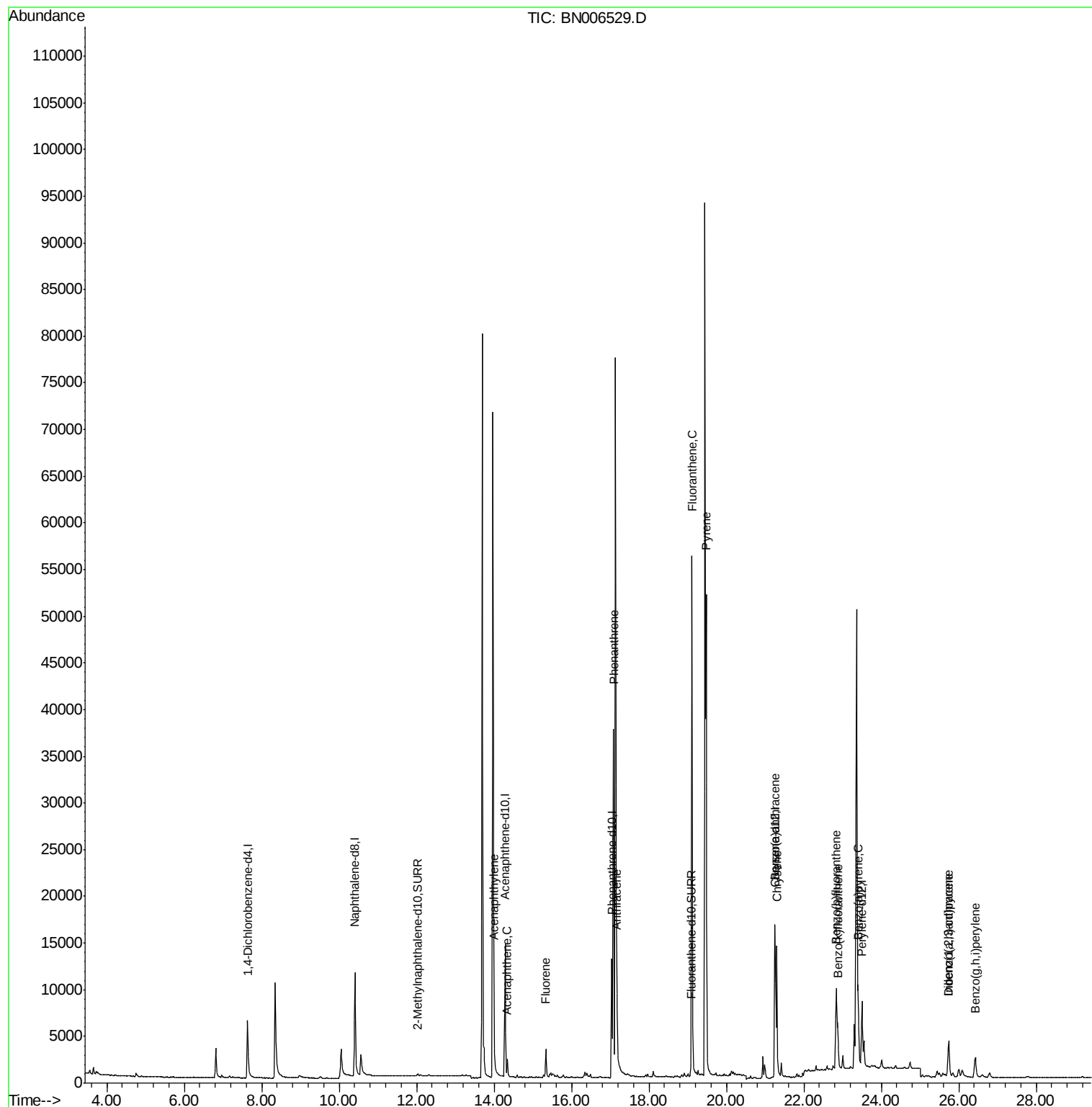
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006529.D
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Sample : K3360-07DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

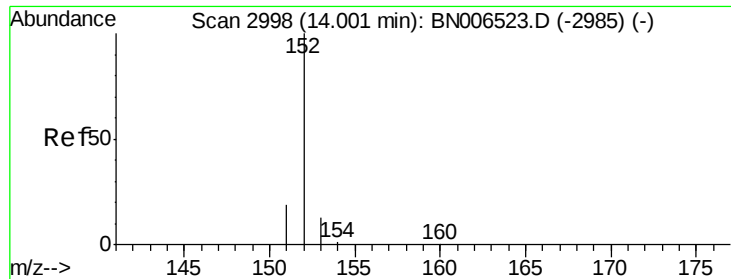
Instrument :
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Quant Time: Jun 25 11:14:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.029 ng/u1

RT: 14.00 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BN006529.D

Acq: 24 Jun 2019 14:10

Instrument :

BNA_N

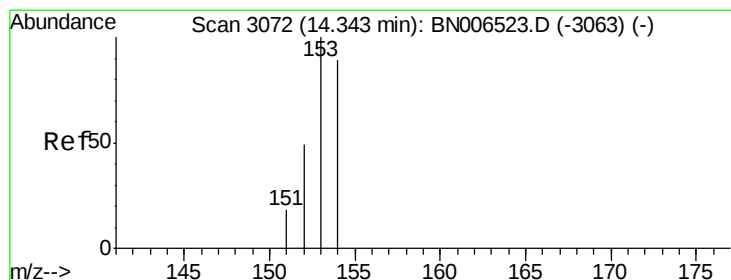
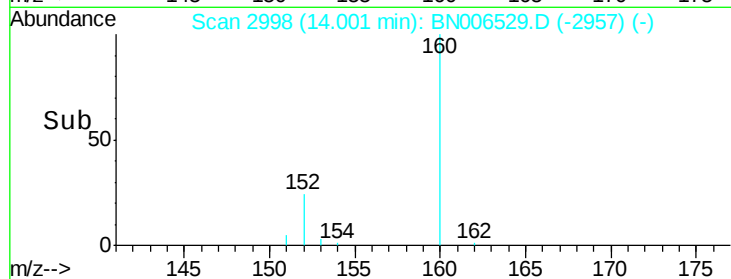
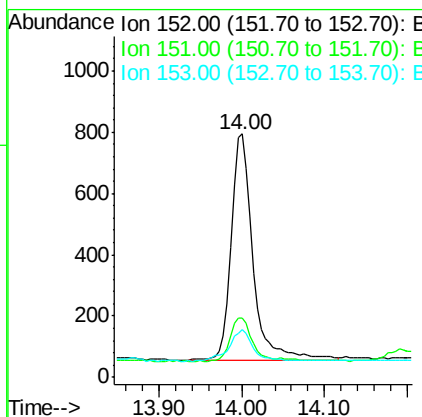
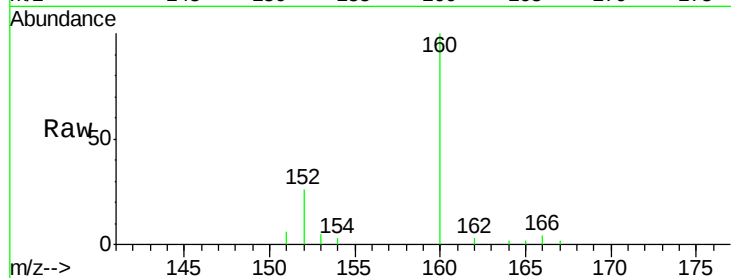
ClientSampleId :

A41Y7DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.2	15.8	23.8#
153	19.6	10.8	16.2#

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#8

Acenaphthene

Concen: 0.033 ng/u1

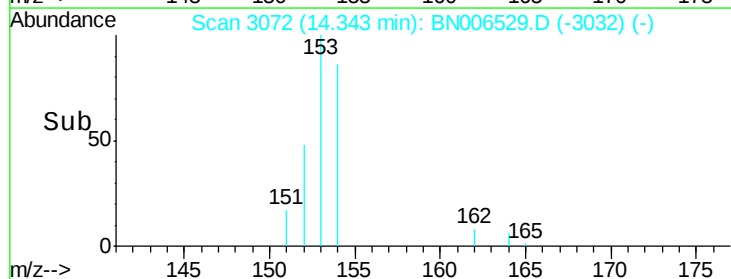
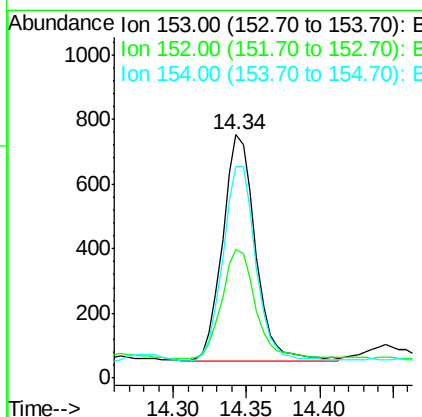
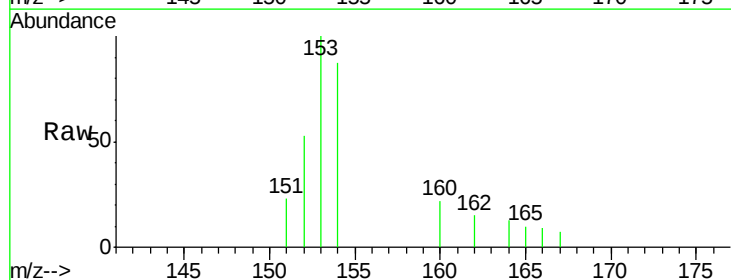
RT: 14.34 min Scan# 3072

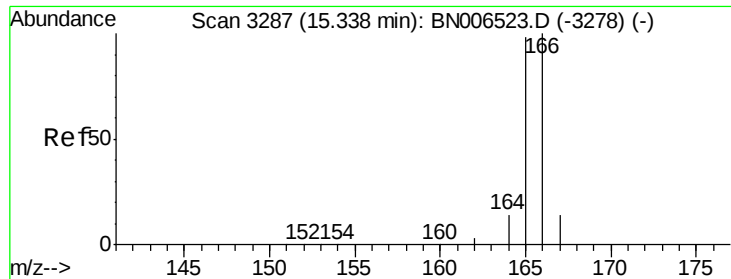
Delta R.T. -0.01 min

Lab File: BN006529.D

Acq: 24 Jun 2019 14:10

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.7	39.1	58.7
154	87.1	71.1	106.7





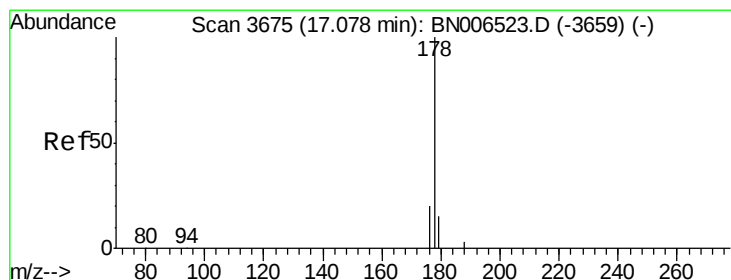
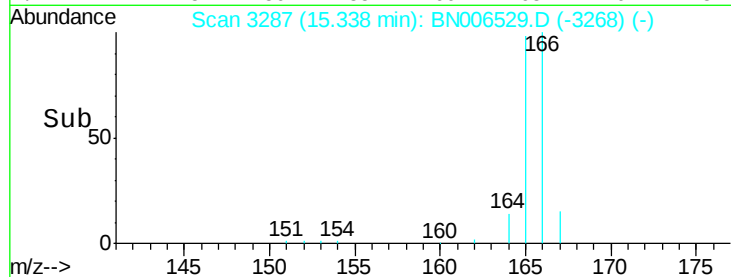
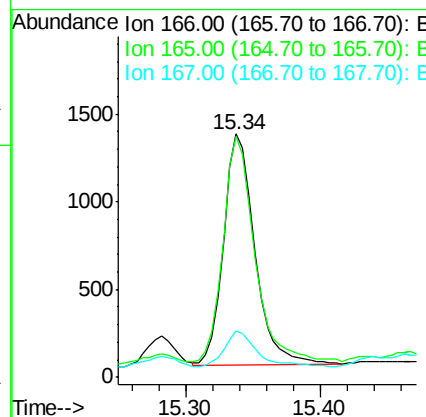
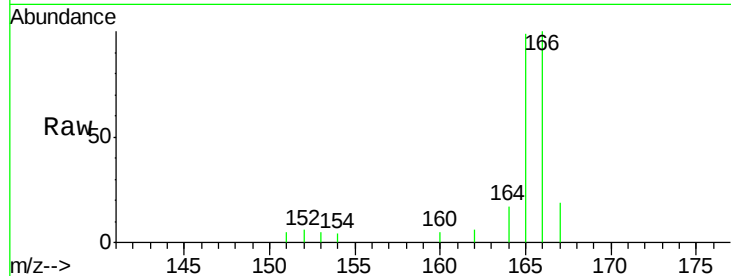
#9
Fluorene
 Concen: 0.056 ng/ul
 RT: 15.34 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BN006529.D
 Acq: 24 Jun 2019 14:10

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	76.4	114.6
167	19.1	11.0	16.6#

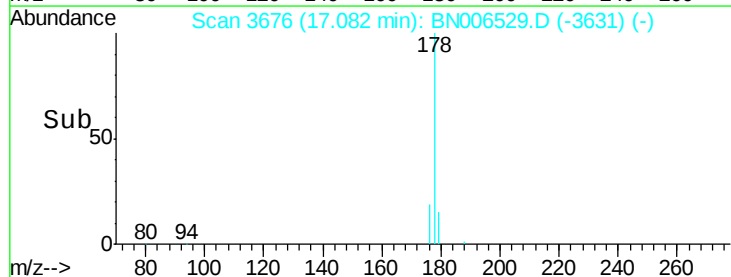
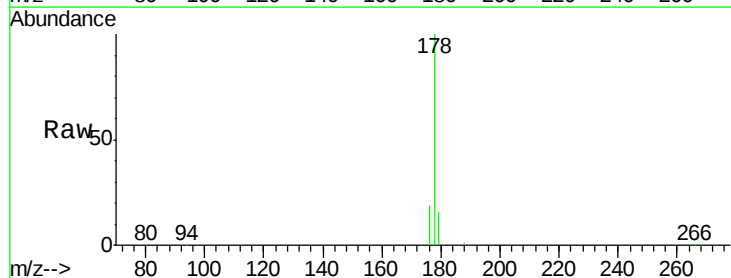
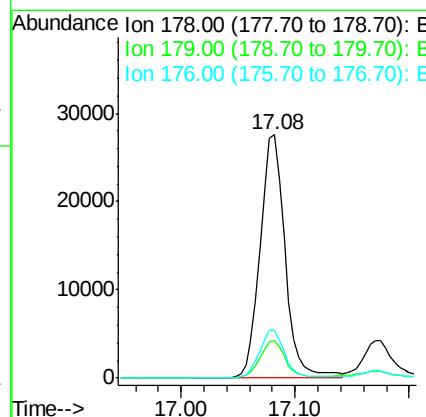
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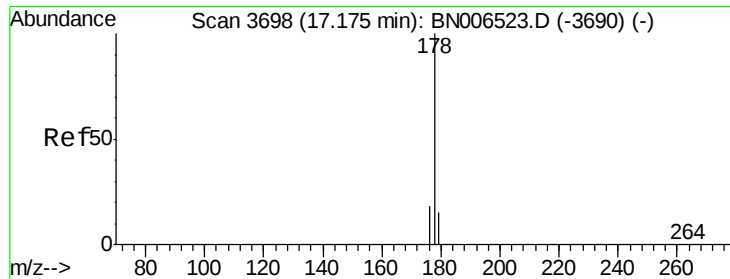
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#12
Phenanthrene
 Concen: 0.839 ng/ul
 RT: 17.08 min Scan# 3676
 Delta R.T. -0.01 min
 Lab File: BN006529.D
 Acq: 24 Jun 2019 14:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.5	15.3	22.9





#13

Anthracene

Concen: 0.159 ng/ul

RT: 17.17 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BN006529.D

Acq: 24 Jun 2019 14:10

Instrument :

BNA_N

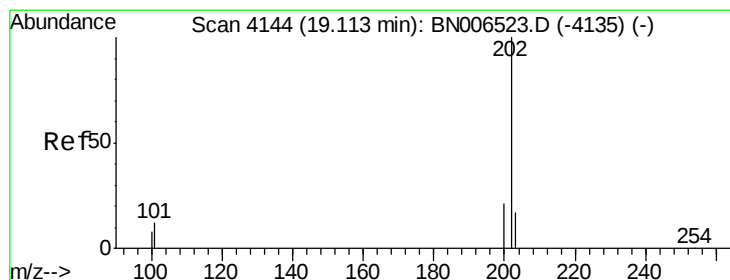
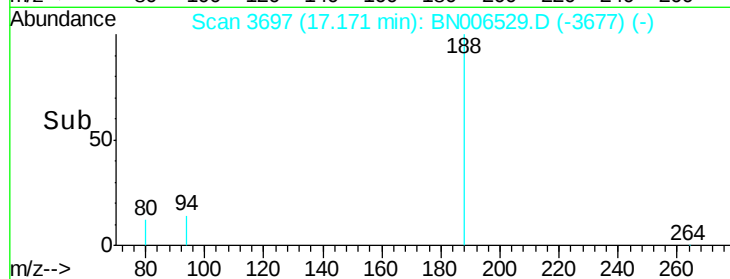
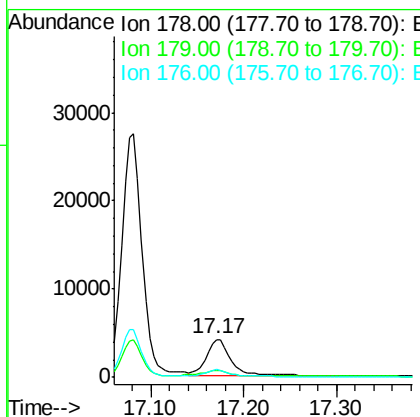
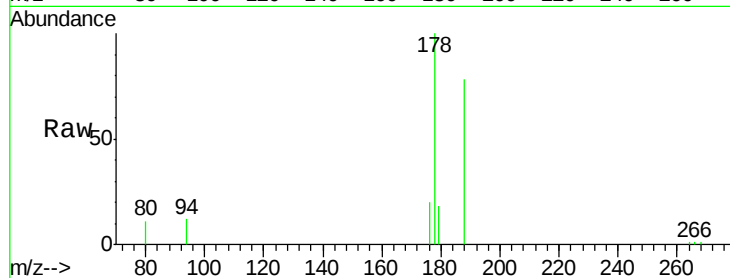
ClientSampleId :

A41Y7DL

Tgt Ion:	178	Resp:	7580
Ion Ratio	Lower	Upper	
178	100		
179	18.3	12.2	18.4
176	19.9	15.1	22.7

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#15

Fluoranthene

Concen: 0.871 ng/ul

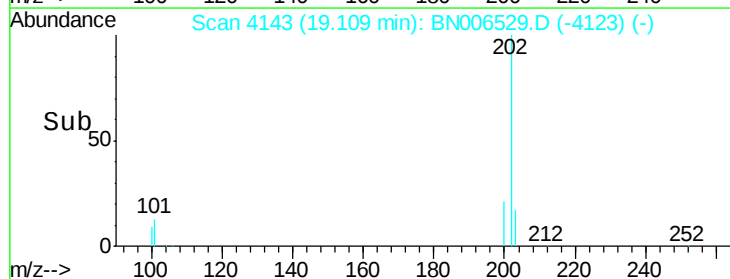
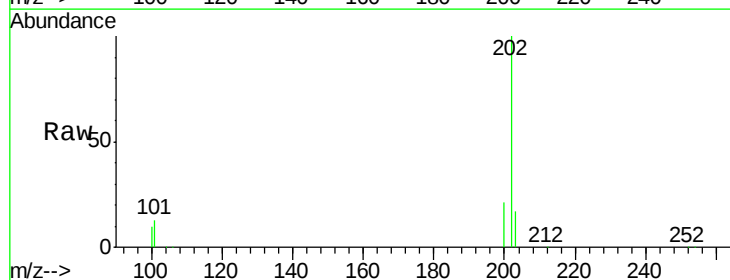
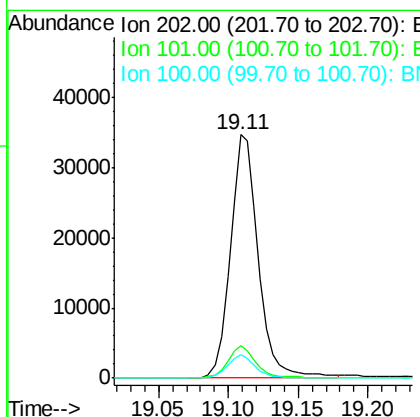
RT: 19.11 min Scan# 4143

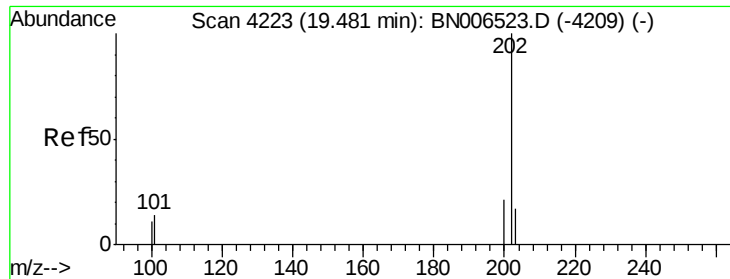
Delta R.T. -0.01 min

Lab File: BN006529.D

Acq: 24 Jun 2019 14:10

Tgt Ion:	202	Resp:	48072
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	32.1
100	9.7	0.0	28.7





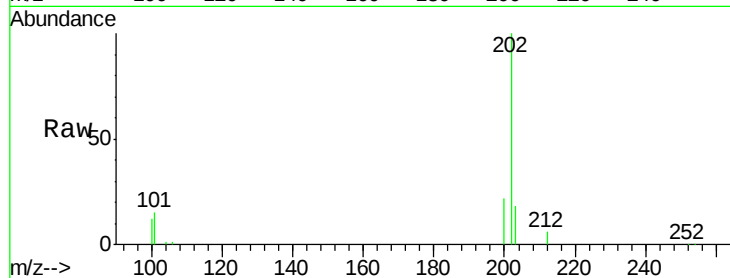
#17
Pyrene
Concen: 0.930 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BN006529.D
Acq: 24 Jun 2019 14:10

Instrument :
BNA_N
ClientSampleId :
A41Y7DL

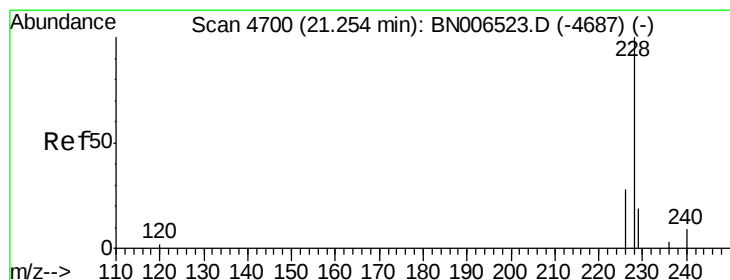
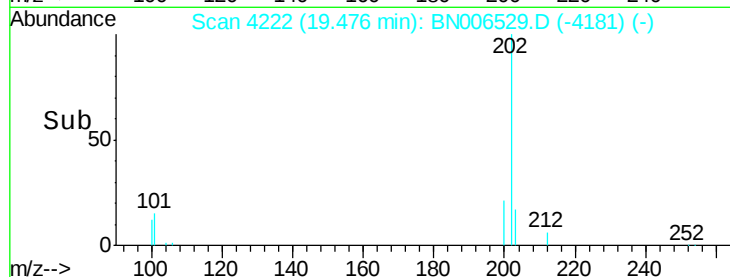
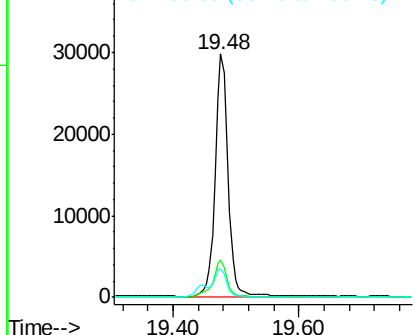
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.2	12.2	18.2
100	11.9	9.8	14.6

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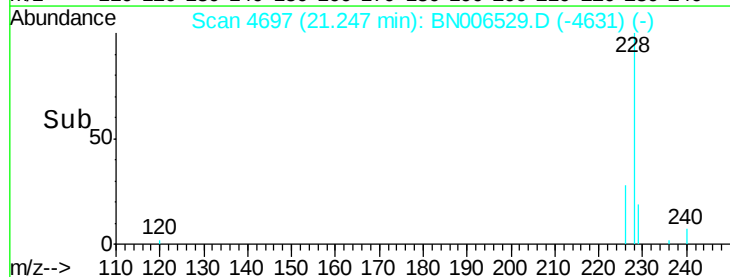
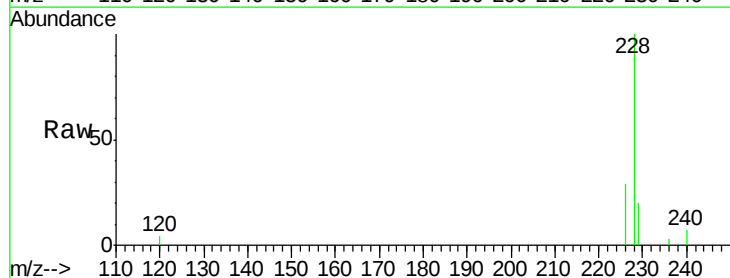
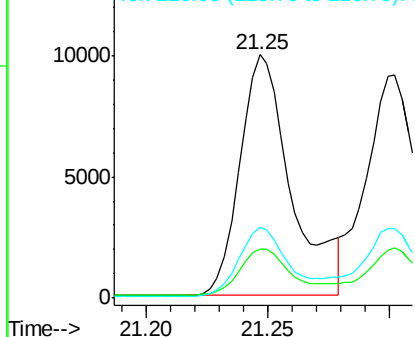
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

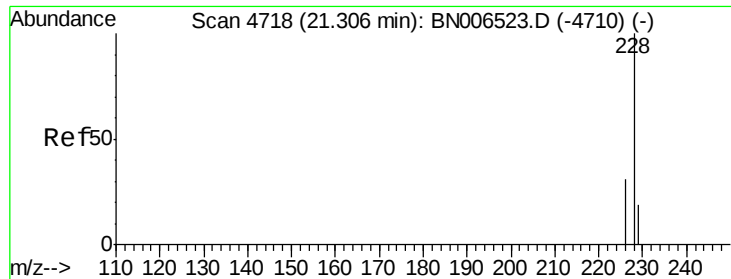


#18
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.25 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN006529.D
Acq: 24 Jun 2019 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	16.5	24.7
226	28.9	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: 0.401 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006529.D

Acq: 24 Jun 2019 14:10

Instrument :

BNA_N

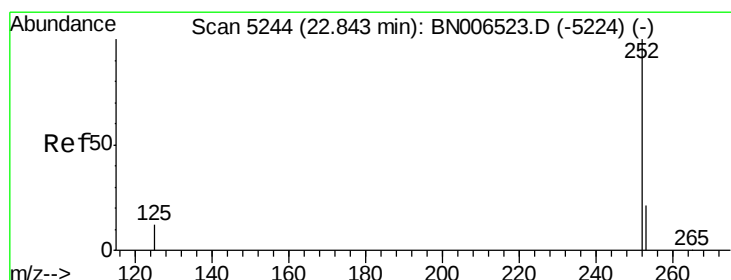
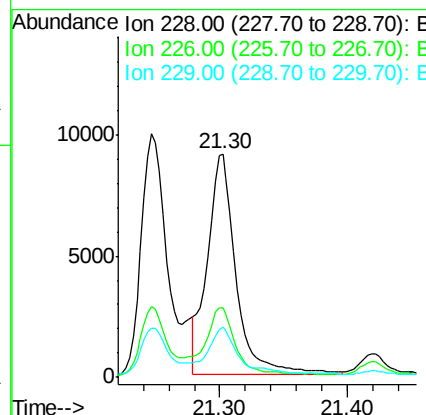
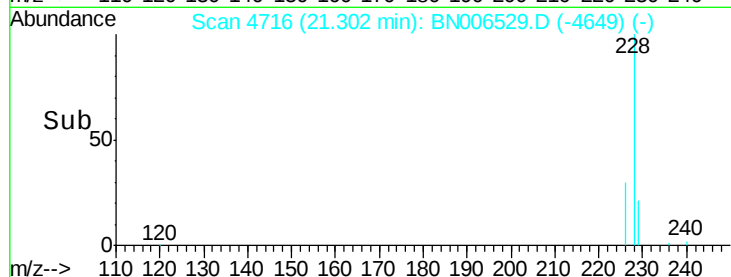
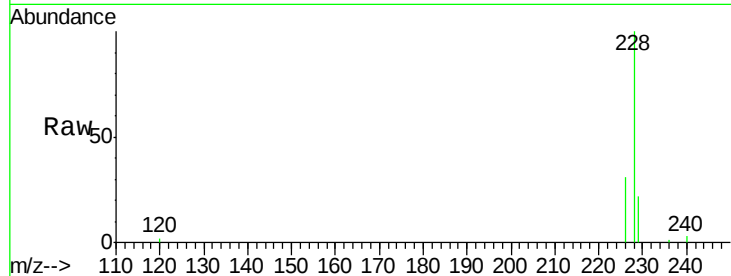
ClientSampled :

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Tgt Ion:	228	Resp:	14339
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	22.3	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.425 ng/ul m

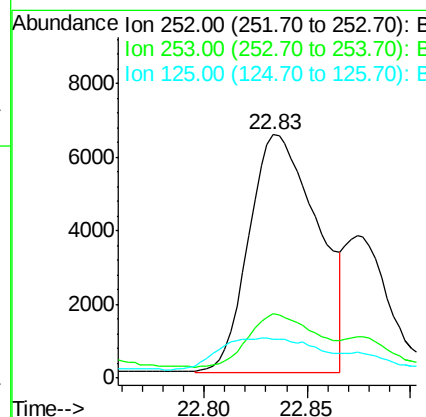
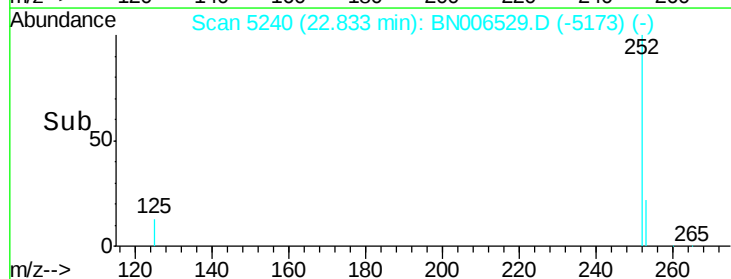
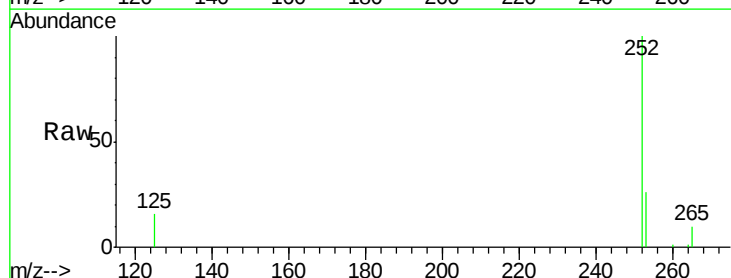
RT: 22.83 min Scan# 5240

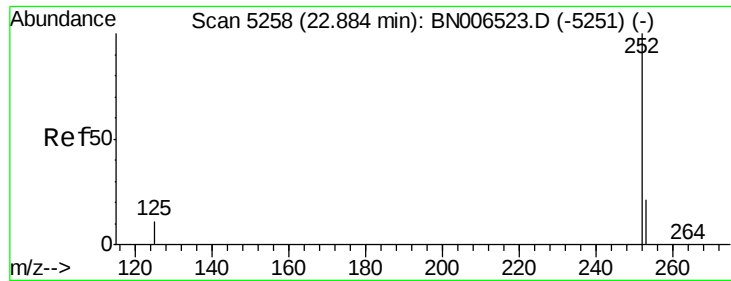
Delta R.T. -0.00 min

Lab File: BN006529.D

Acq: 24 Jun 2019 14:10

Tgt Ion:	252	Resp:	14991
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	51.4
125	16.0	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.168 ng/ul m

RT: 22.87 min Scan# 5254

Delta R.T. -0.01 min

Lab File: BN006529.D

Acq: 24 Jun 2019 14:10

Instrument :

BNA_N

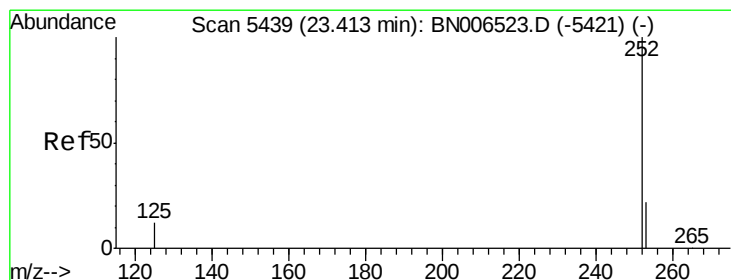
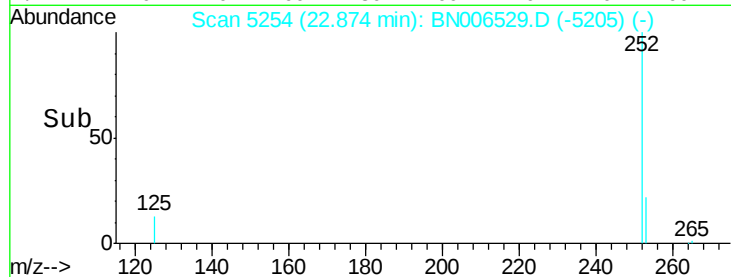
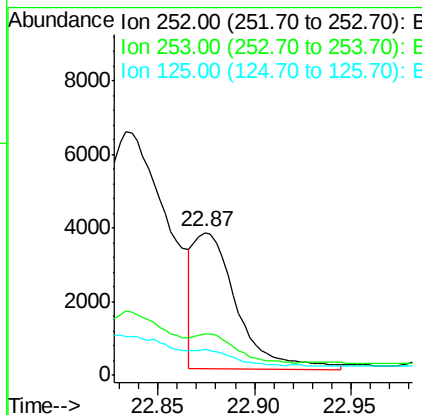
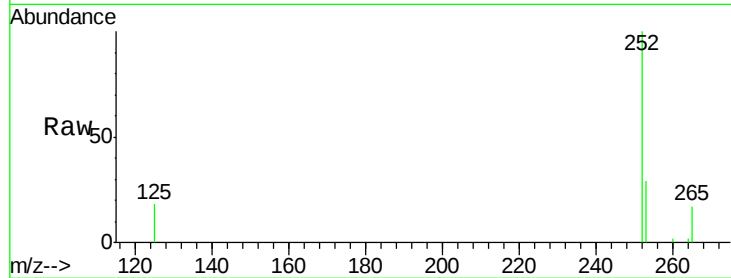
ClientSampleId :

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Tgt Ion:	252	Resp:	5778
Ion Ratio	Lower	Upper	
252	100		
253	29.3	20.3	30.5
125	18.2	14.3	21.5

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#23

Benzo(a)pyrene

Concen: 0.321 ng/ul

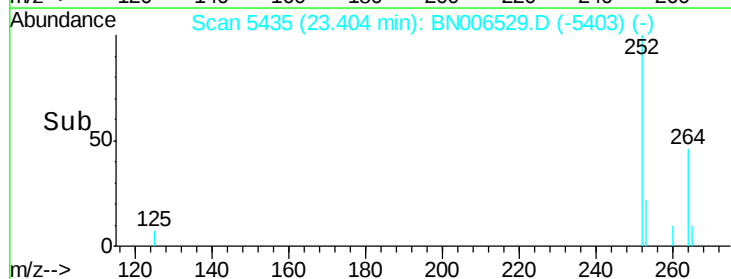
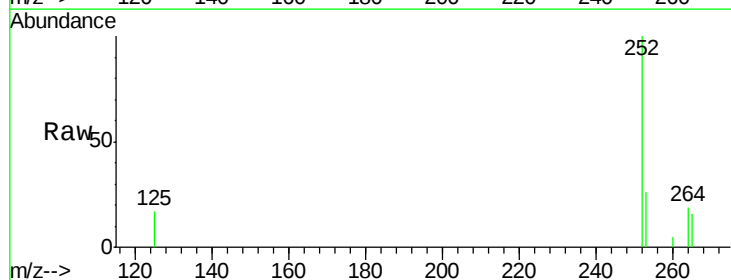
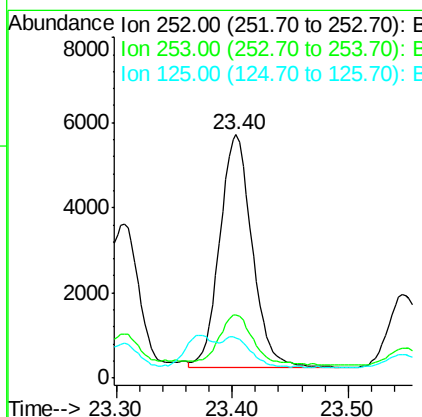
RT: 23.40 min Scan# 5435

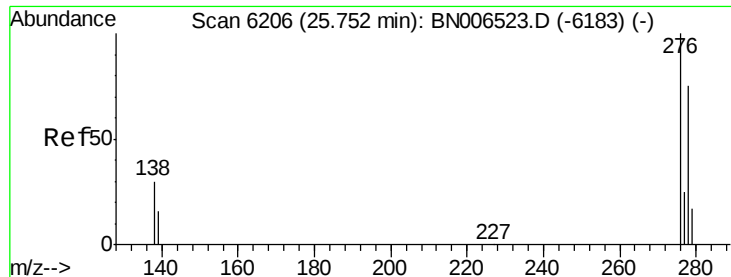
Delta R.T. -0.01 min

Lab File: BN006529.D

Acq: 24 Jun 2019 14:10

Tgt Ion:	252	Resp:	10554
Ion Ratio	Lower	Upper	
252	100		
253	26.1	21.1	31.7
125	16.6	20.3	30.5#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.171 ng/u1

RT: 25.74 min Scan# 6202

Delta R.T. -0.00 min

Lab File: BN006529.D

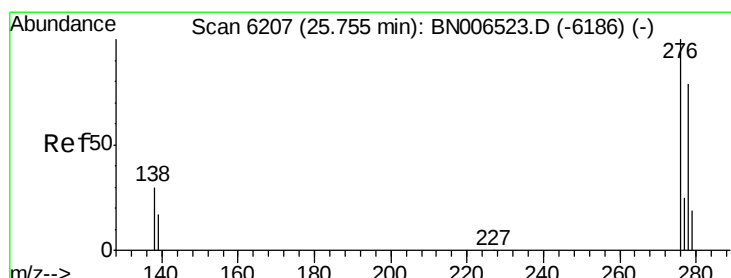
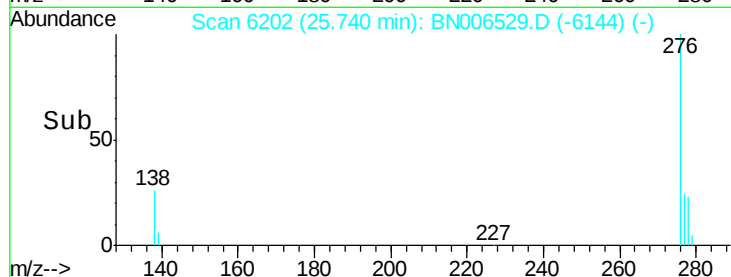
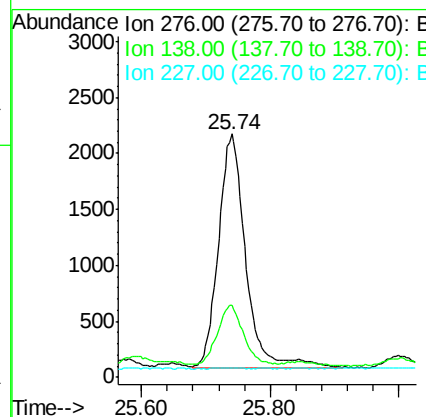
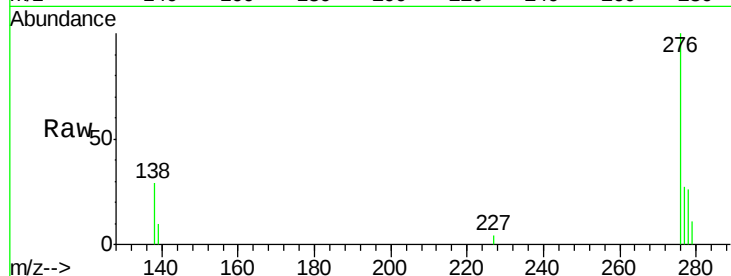
Acq: 24 Jun 2019 14:10

Instrument :
BNA_N
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A41Y7DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.6	38.4#
227	0.2	0.3	0.5#

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#25

Dibenzo(a,h)anthracene

Concen: 0.059 ng/u1

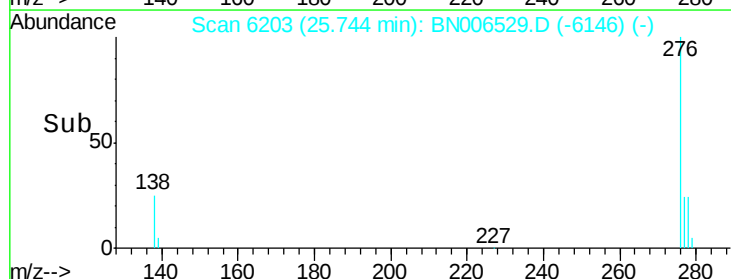
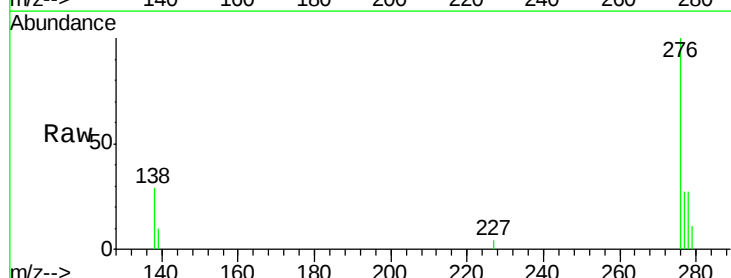
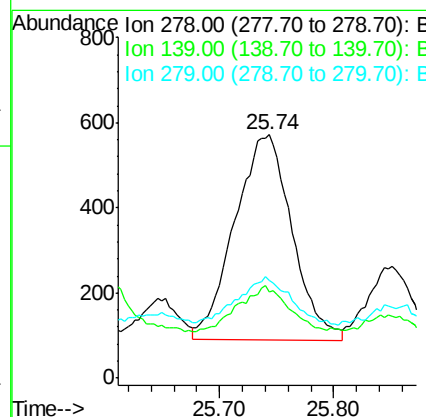
RT: 25.74 min Scan# 6203

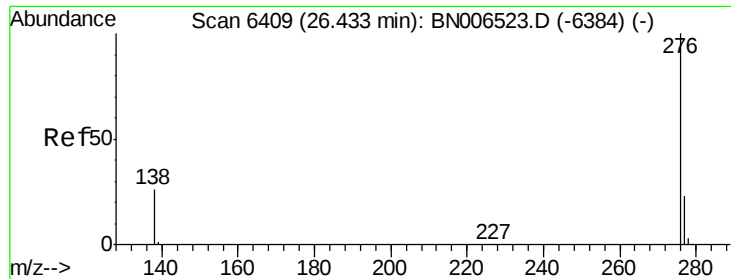
Delta R.T. -0.01 min

Lab File: BN006529.D

Acq: 24 Jun 2019 14:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.5	21.2	31.8#
279	40.2	22.6	33.8#





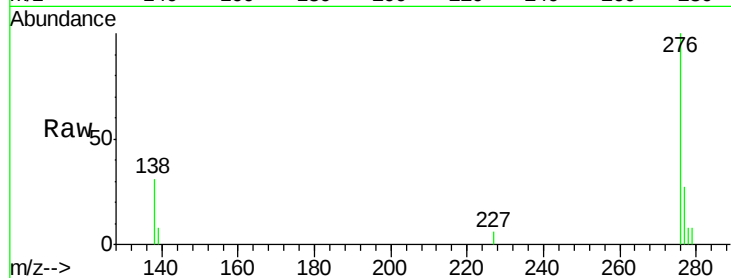
#26
Benzo(g,h,i)perylene
Concen: 0.149 ng/ul
RT: 26.42 min Scan# 6406
Delta R.T. -0.00 min
Lab File: BN006529.D
Acq: 24 Jun 2019 14:10

Instrument :
BNA_N
ClientSampleId :
A41Y7DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	24.2	36.4
277	27.1	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/25/2019 6:16:58 PM



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

