

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006510.D
 Acq On : 23 Jun 2019 05:01
 Operator : HP/JU
 Sample : K3360-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41T6

Manual Integrations
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 6/25/2019 8:45:15 AM

Quant Time: Jun 24 09:30:24 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	5422	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	20942	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	11078	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	23109m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	13893m	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	12185	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5610	0.17	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	13097m	0.21	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	14432	0.250	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	7535	0.187	ng/ul	99
7) Acenaphthylene	14.00	152	3488	0.057	ng/ul#	89
8) Acenaphthene	14.34	153	79120	1.852	ng/ul	100
9) Fluorene	15.34	166	118572	2.372	ng/ul	100
12) Phenanthrene	17.08	178	1930313m	26.022	ng/ul	
13) Anthracene	17.17	178	280478m	3.959	ng/ul	
15) Fluoranthene	19.11	202	2632250m	32.135	ng/ul	
17) Pyrene	19.48	202	1981725	27.080	ng/ul	99
18) Benzo(a)anthracene	21.23	228	786651m	12.802	ng/ul	
19) Chrysene	21.29	228	837036	14.511	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	815371m	16.048	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	324579m	6.559	ng/ul	
23) Benzo(a)pyrene	23.38	252	540832	11.429	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.71	276	351273	6.858	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.71	278	90569	2.212	ng/ul	95
26) Benzo(g,h,i)perylene	26.39	276	307164	7.160	ng/ul	94

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

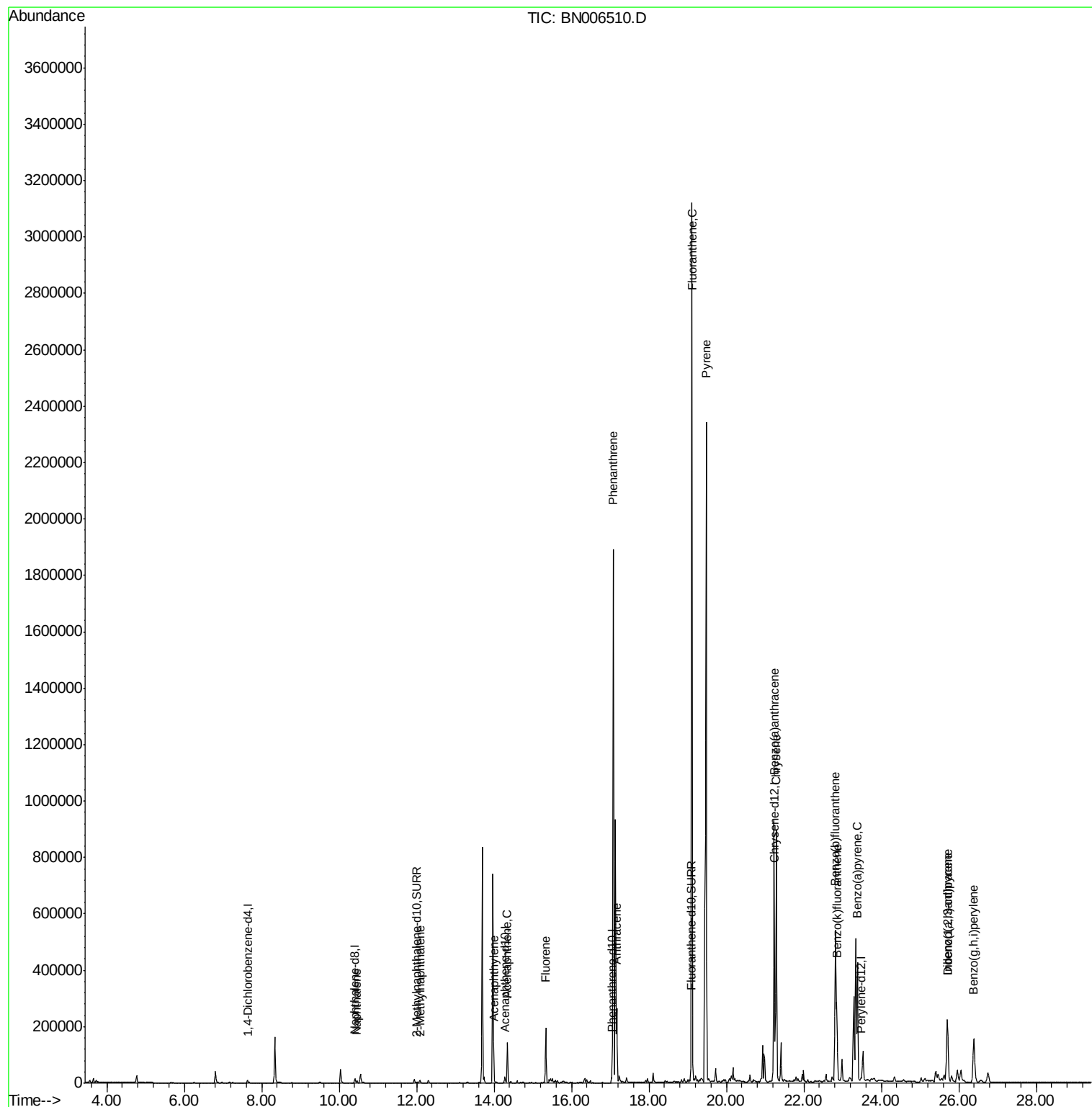
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006510.D
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Sample : K3360-14
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ALS Vial : 26 Sample Multiplier: 1

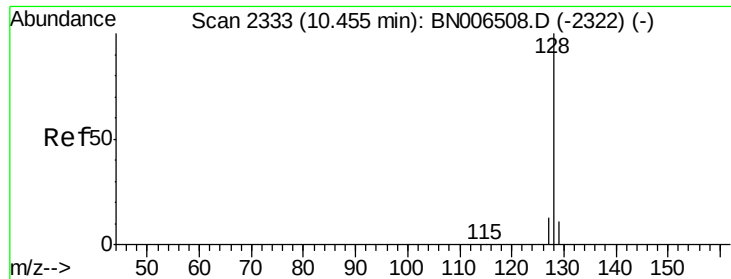
Instrument :
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QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.250 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.02 min

Lab File: BN006510.D

Acq: 23 Jun 2019 05:01

Instrument :

BNA_N

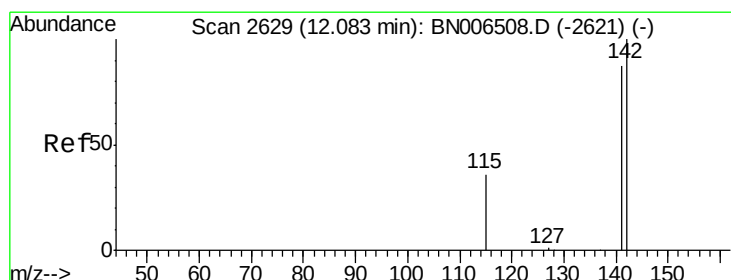
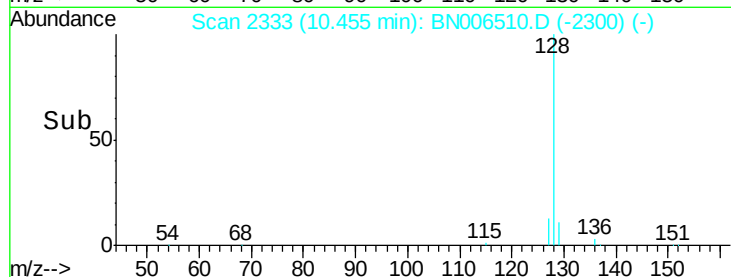
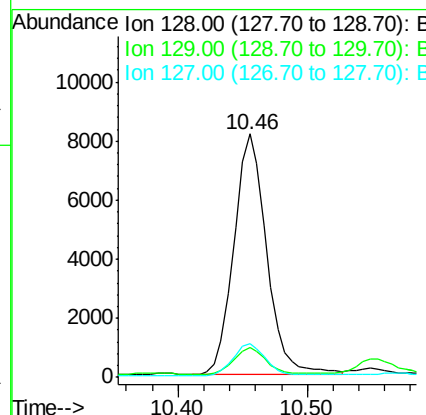
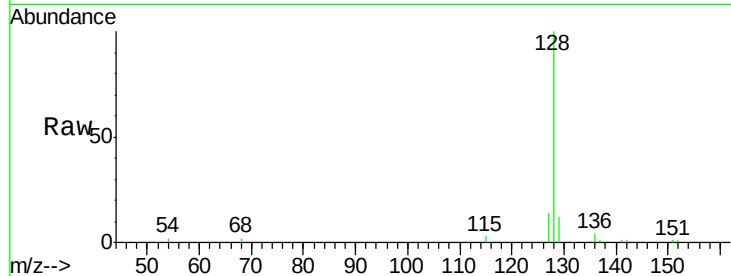
ClientSampleId :

A41T6

Tgt Ion:	128	Resp:	14432
Ion Ratio		Lower	Upper
128	100		
129	12.1	9.3	13.9
127	13.7	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.187 ng/ul

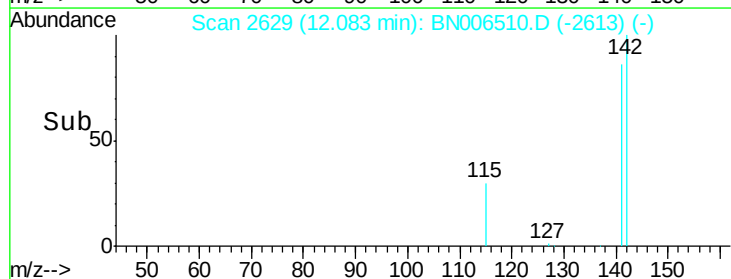
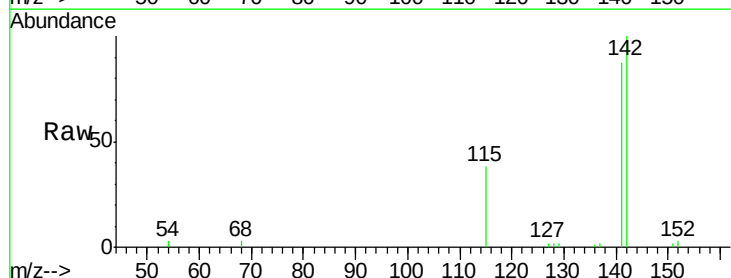
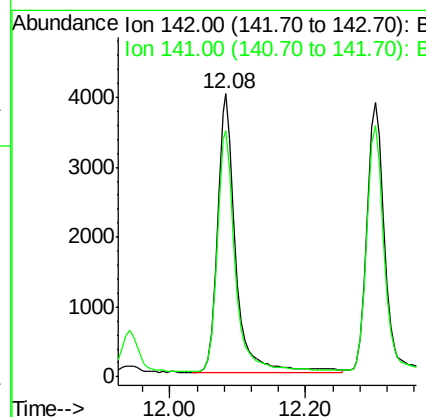
RT: 12.08 min Scan# 2629

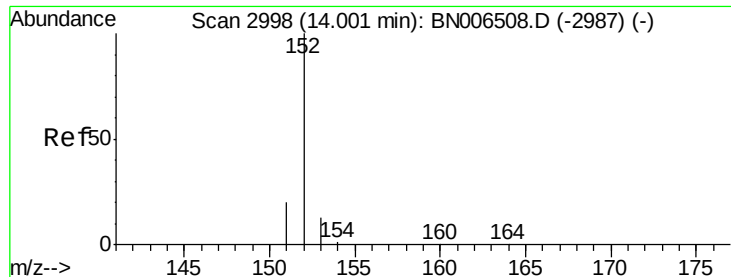
Delta R.T. -0.01 min

Lab File: BN006510.D

Acq: 23 Jun 2019 05:01

Tgt Ion:	142	Resp:	7535
Ion Ratio		Lower	Upper
142	100		
141	86.8	70.3	105.5





#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BN006510.D

Acq: 23 Jun 2019 05:01

Instrument :

BNA_N

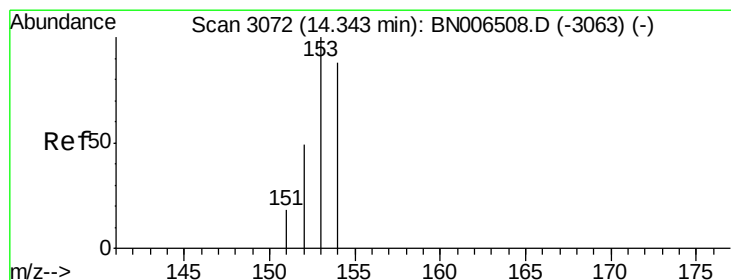
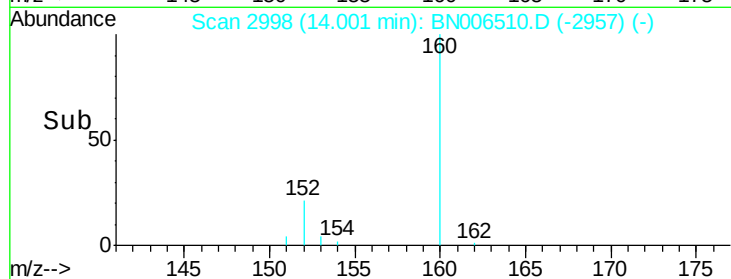
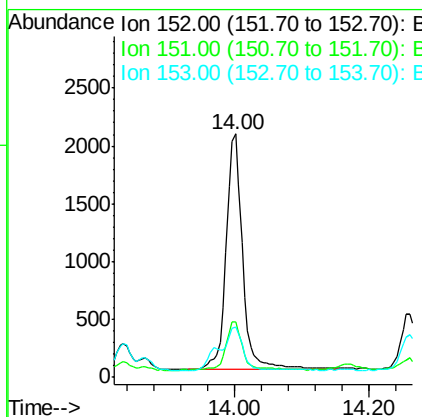
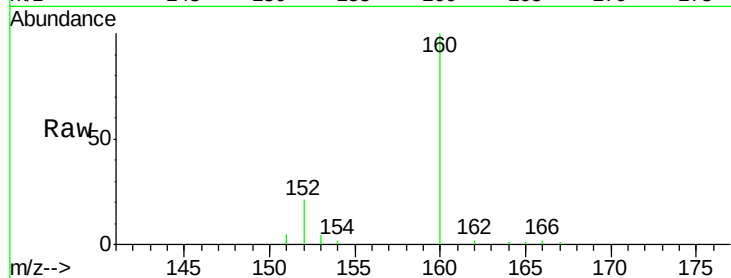
ClientSampleId :

A41T6

Tgt Ion:	152	Resp:	3488
Ion Ratio	Lower	Upper	
152	100		
151	22.8	15.8	23.8
153	20.6	10.8	16.2

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#8

Acenaphthene

Concen: 1.852 ng/ul

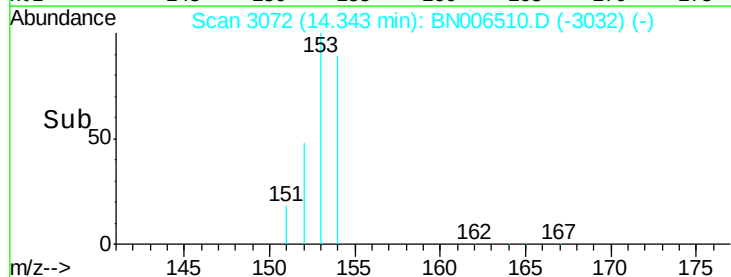
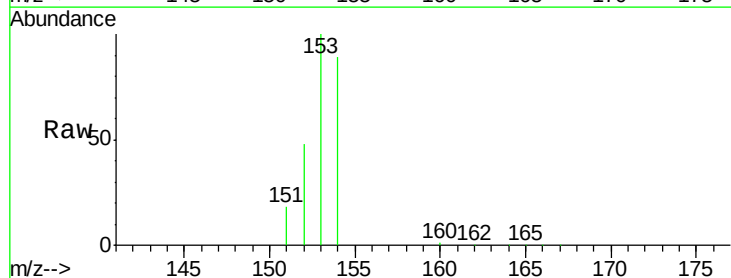
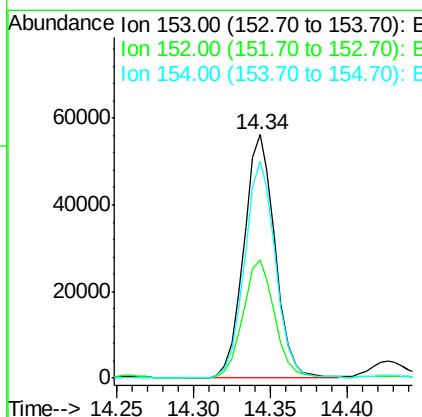
RT: 14.34 min Scan# 3072

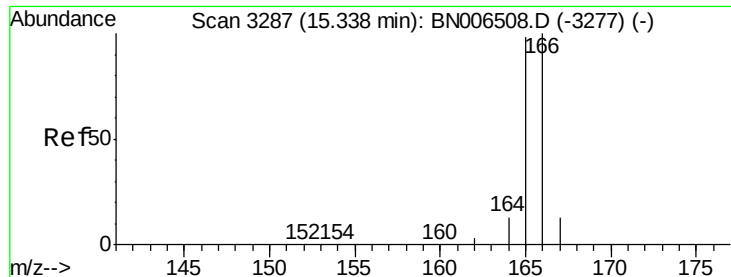
Delta R.T. -0.01 min

Lab File: BN006510.D

Acq: 23 Jun 2019 05:01

Tgt Ion:	153	Resp:	79120
Ion Ratio	Lower	Upper	
153	100		
152	48.4	39.1	58.7
154	89.2	71.1	106.7





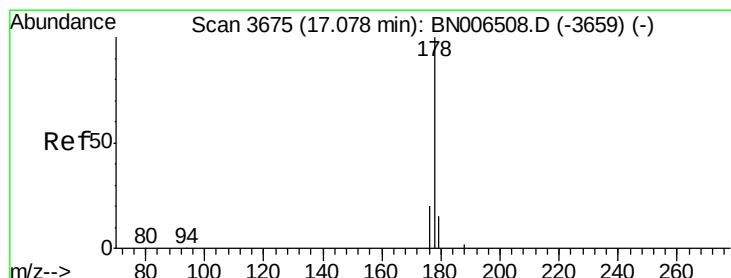
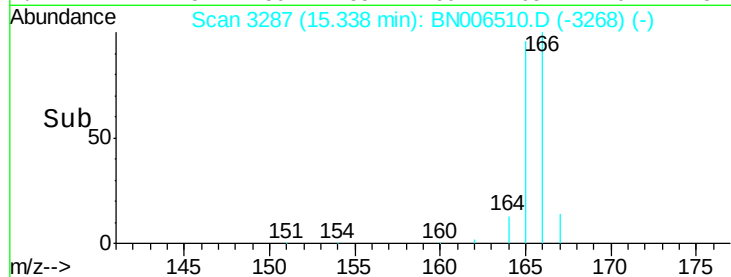
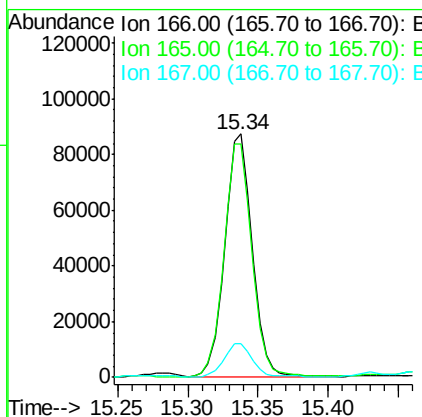
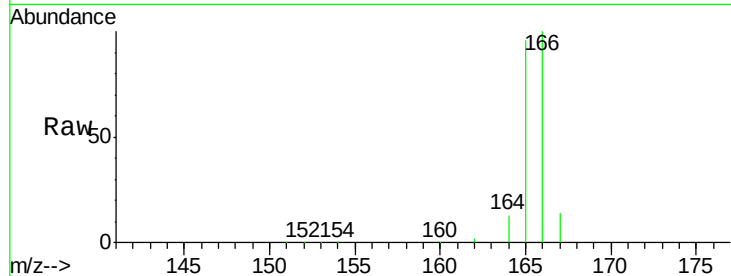
#9
Fluorene
 Concen: 2.372 ng/ul
 RT: 15.34 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BN006510.D
 Acq: 23 Jun 2019 05:01

Instrument :
 BNA_N
 ClientSampleId :
 A41T6

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.4	114.6
167	14.0	11.0	16.6

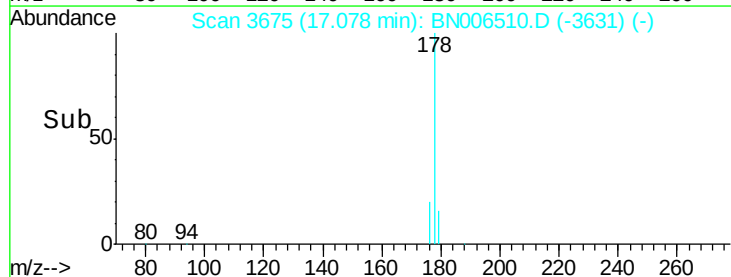
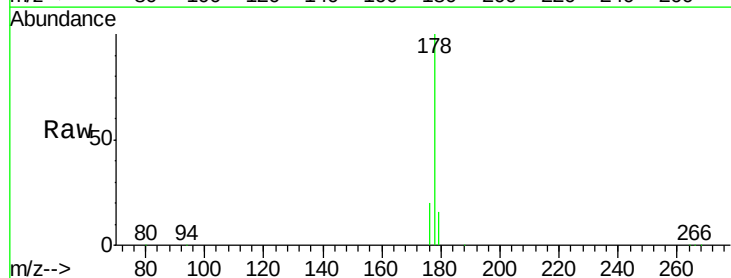
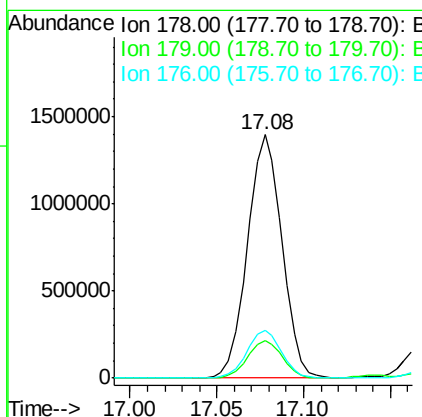
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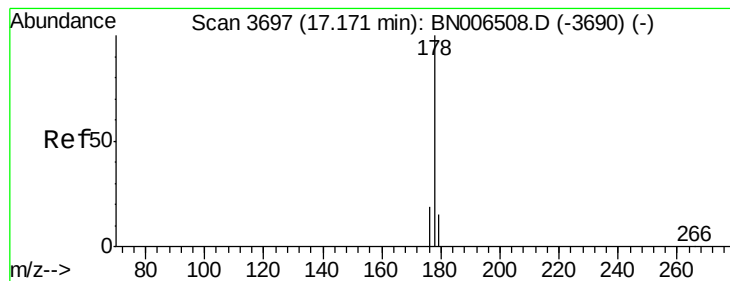
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#12
Phenanthrene
 Concen: 26.022 ng/ul m
 RT: 17.08 min Scan# 3675
 Delta R.T. -0.01 min
 Lab File: BN006510.D
 Acq: 23 Jun 2019 05:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.8	15.3	22.9





#13

Anthracene

Concen: 3.959 ng/ul m

RT: 17.17 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BN006510.D

Acq: 23 Jun 2019 05:01

Instrument :

BNA_N

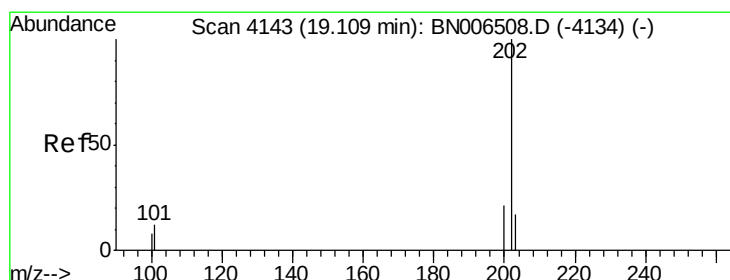
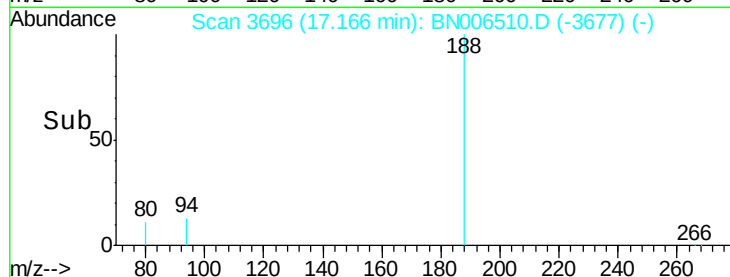
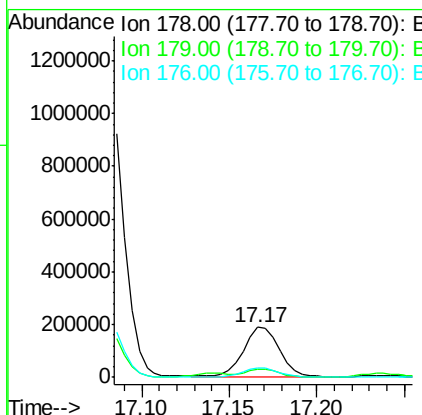
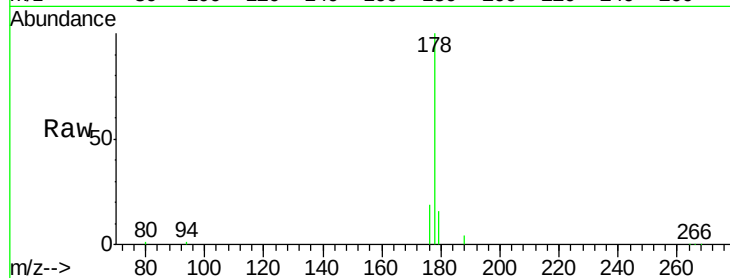
ClientSampleId :

A41T6

Tgt Ion:	178	Resp:	280478
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.4
176	19.1	15.1	22.7

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#15

Fluoranthene

Concen: 32.135 ng/ul m

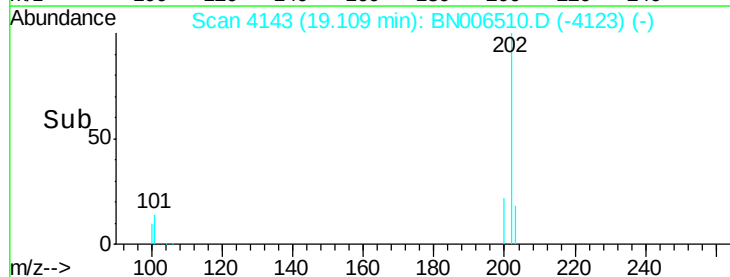
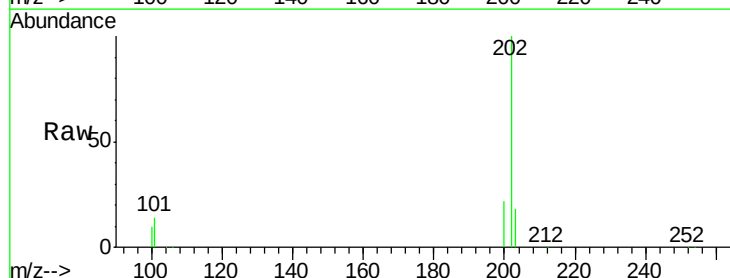
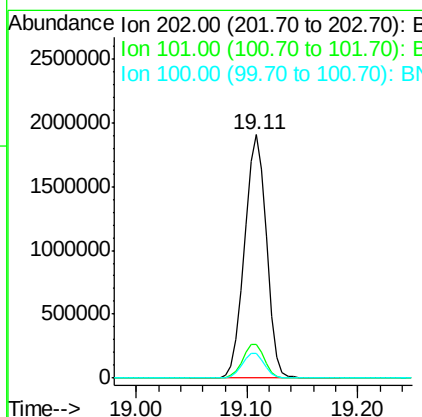
RT: 19.11 min Scan# 4143

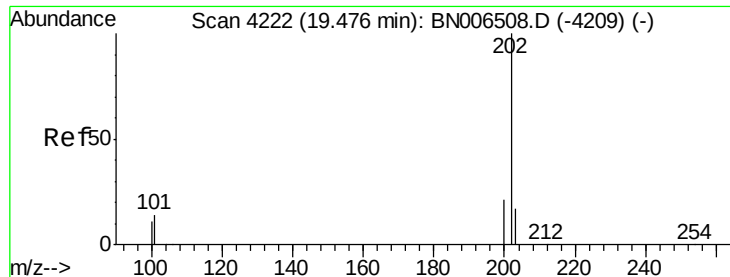
Delta R.T. -0.01 min

Lab File: BN006510.D

Acq: 23 Jun 2019 05:01

Tgt Ion:	202	Resp:	2632250
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	32.1
100	10.1	0.0	28.7





#17

Pyrene

Concen: 27.080 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. -0.01 min

Lab File: BN006510.D

Acq: 23 Jun 2019 05:01

Instrument :

BNA_N

ClientSampleId :

A41T6

Tgt Ion:202 Resp: 1981725

Ion Ratio Lower Upper

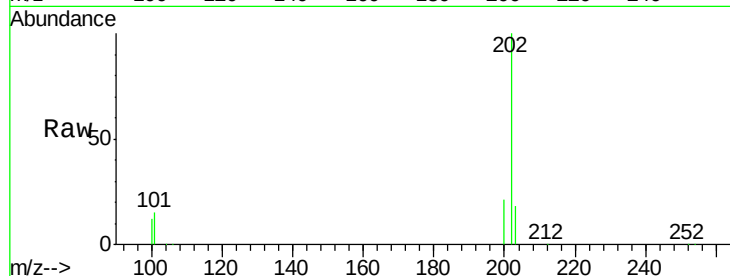
202 100

101 15.1 12.2 18.2

100 11.7 9.8 14.6

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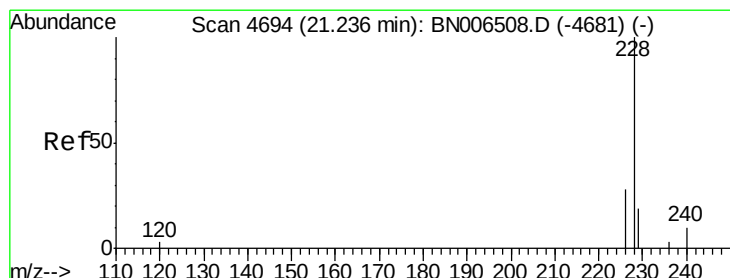
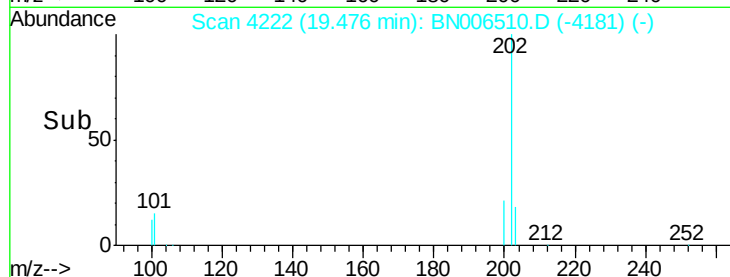
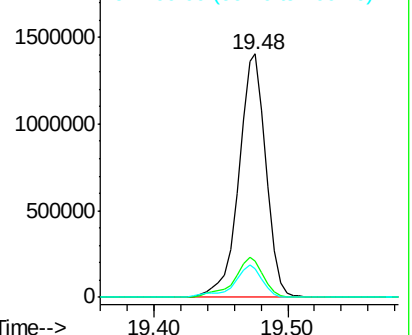
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 12.802 ng/ul m

RT: 21.23 min Scan# 4693

Delta R.T. -0.02 min

Lab File: BN006510.D

Acq: 23 Jun 2019 05:01

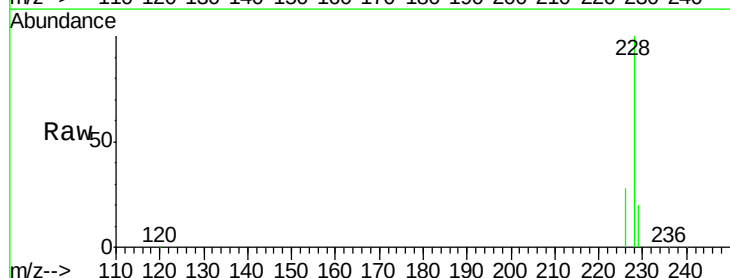
Tgt Ion:228 Resp: 786651

Ion Ratio Lower Upper

228 100

229 20.5 16.5 24.7

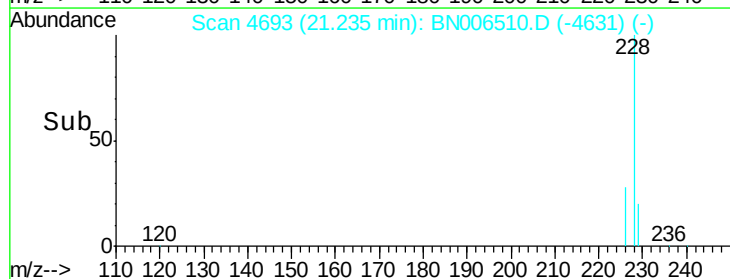
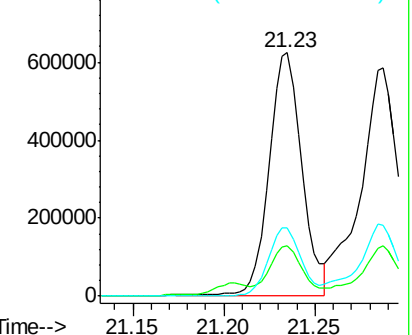
226 28.1 22.8 34.2

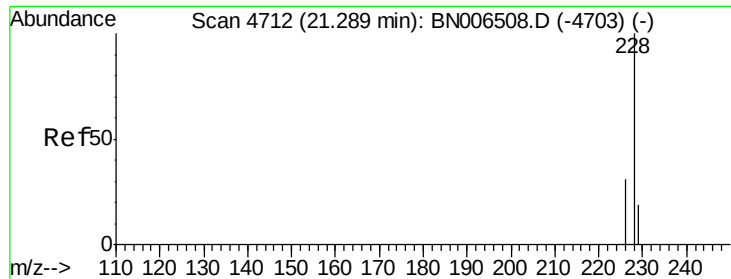


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

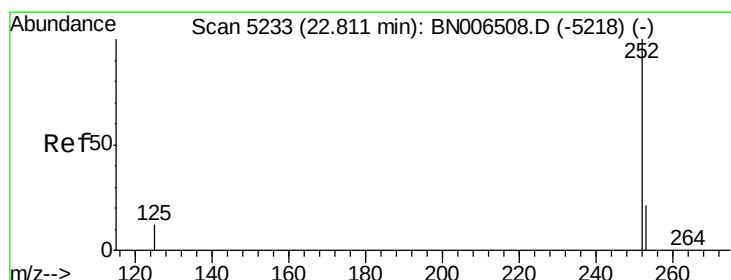
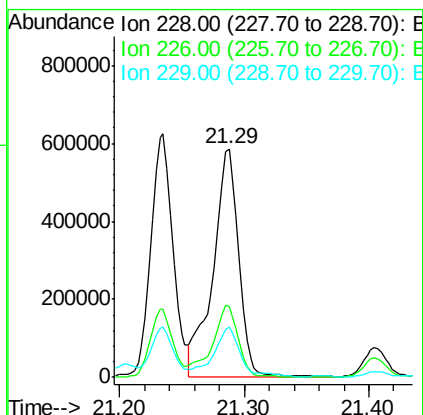
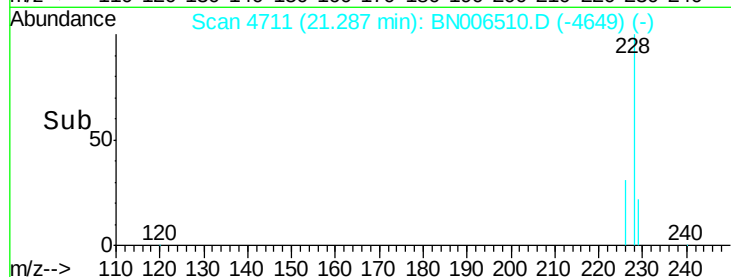
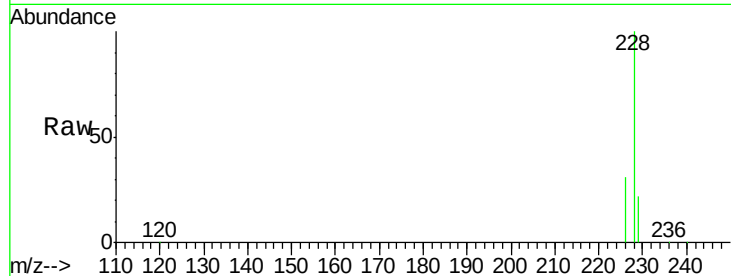
Concen: 14.511 ng/ul
 RT: 21.29 min Scan# 4711
 Delta R.T. -0.02 min
 Lab File: BN006510.D
 Acq: 23 Jun 2019 05:01

Instrument :
 BNA_N
 ClientSampleId :
 A41T6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.8	16.3	24.5

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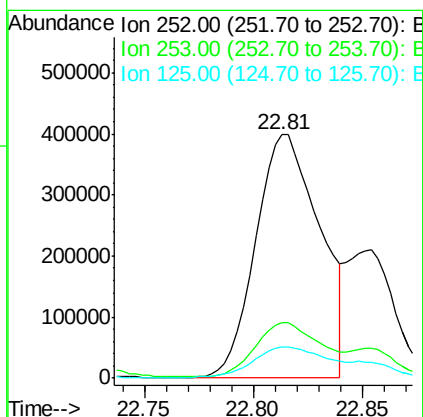
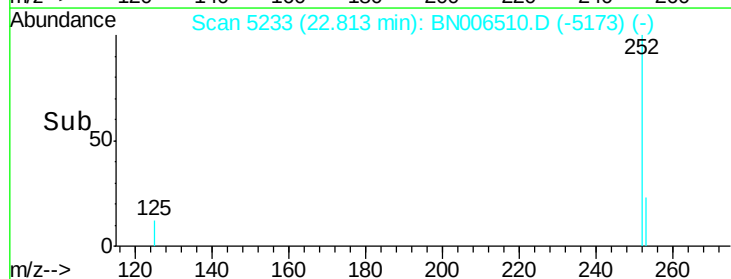
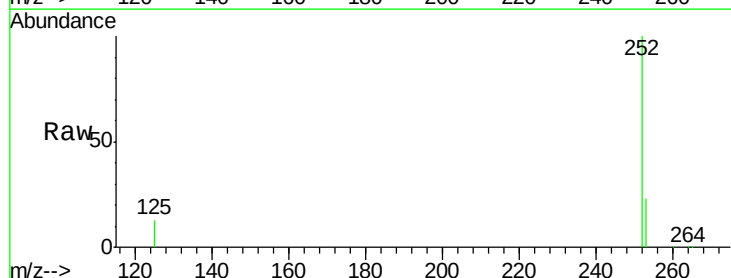


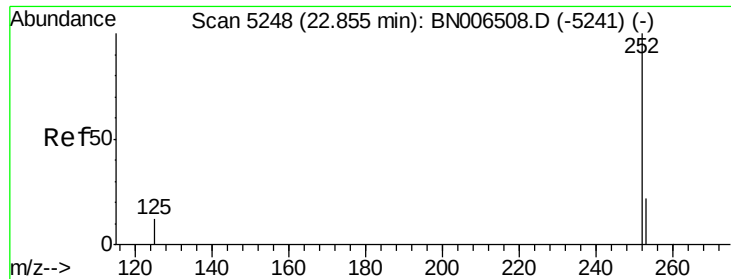
#21

Benzo(b)fluoranthene

Concen: 16.048 ng/ul m
 RT: 22.81 min Scan# 5233
 Delta R.T. -0.02 min
 Lab File: BN006510.D
 Acq: 23 Jun 2019 05:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	51.4
125	12.8	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 6.559 ng/ul m

RT: 22.85 min Scan# 5247

Delta R.T. -0.03 min

Lab File: BN006510.D

Acq: 23 Jun 2019 05:01

Instrument :

BNA_N

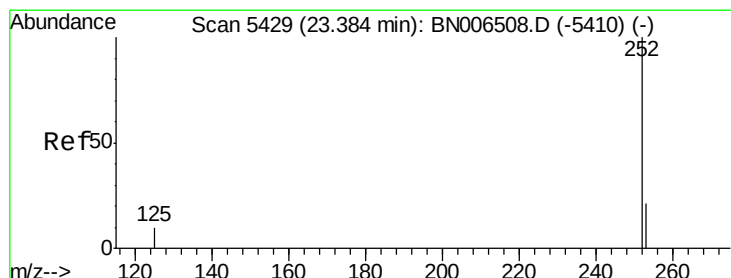
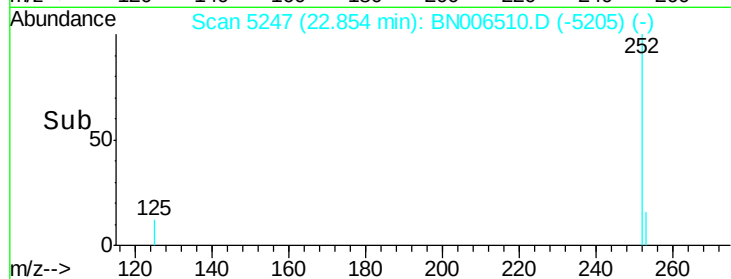
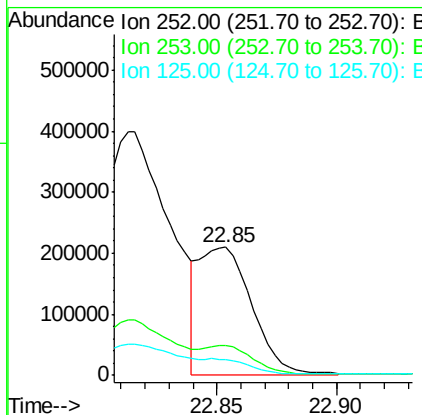
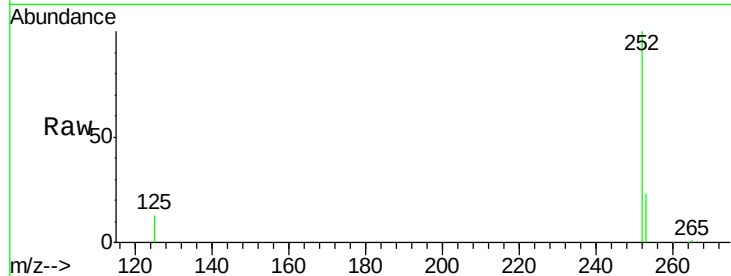
ClientSampleId :

A41T6

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	324579		
253	23.2	20.3	30.5	
125	12.5	14.3	21.5#	

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#23

Benzo(a)pyrene

Concen: 11.429 ng/ul

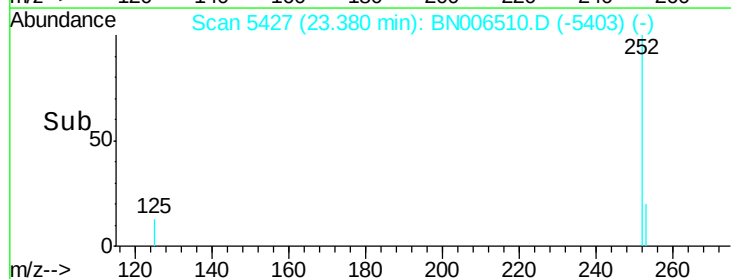
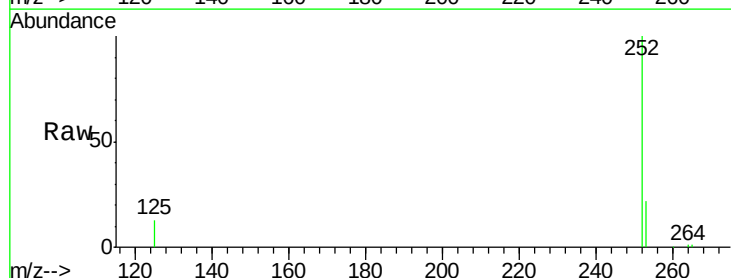
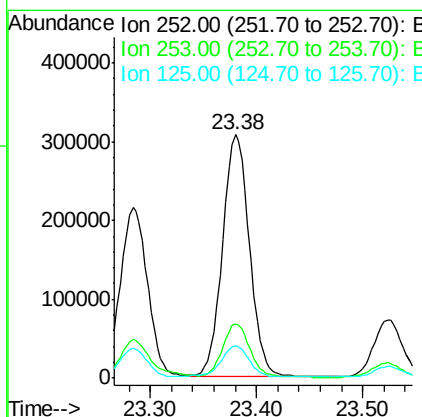
RT: 23.38 min Scan# 5427

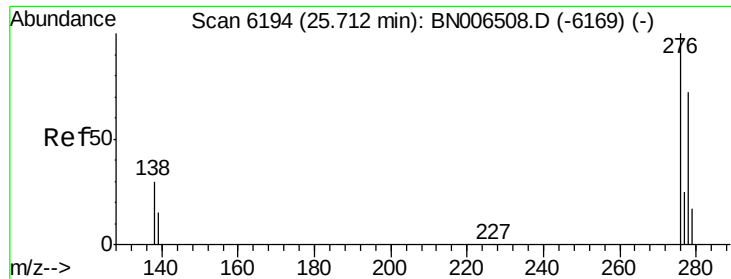
Delta R.T. -0.03 min

Lab File: BN006510.D

Acq: 23 Jun 2019 05:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	540832		
253	22.4	21.1	31.7	
125	13.4	20.3	30.5#	





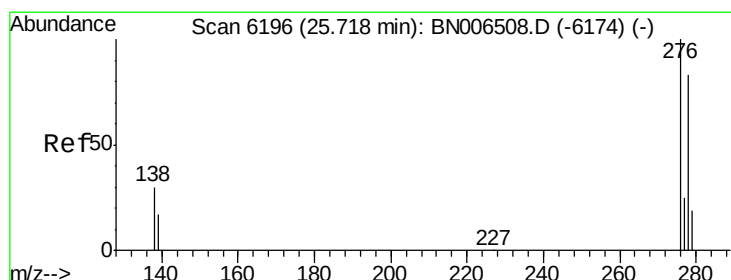
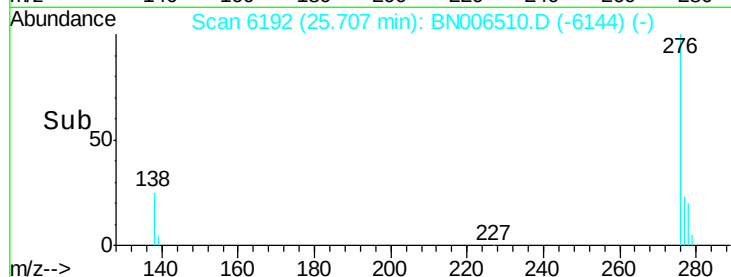
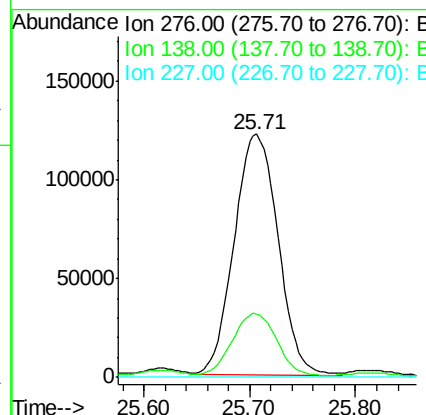
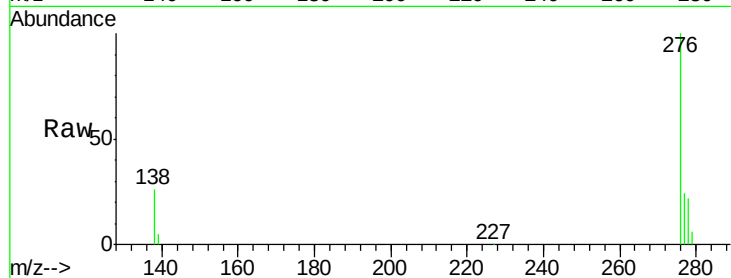
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.858 ng/ul
 RT: 25.71 min Scan# 6192
 Delta R.T. -0.04 min
 Lab File: BN006510.D
 Acq: 23 Jun 2019 05:01

Instrument :
 BNA_N
 ClientSampleId :
 A41T6

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	351273		
138	25.9	25.6	38.4	
227	0.2	0.3	0.5	

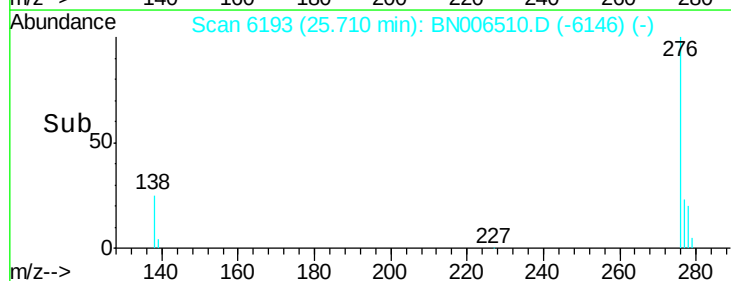
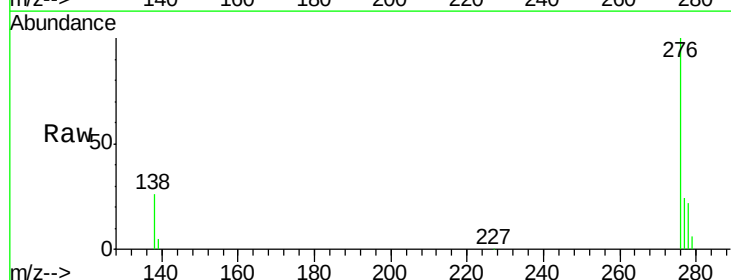
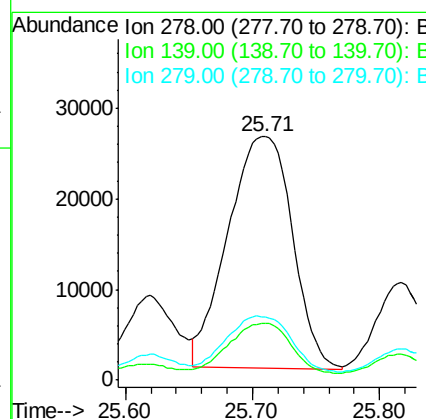
Manual Integrations
 APPROVED

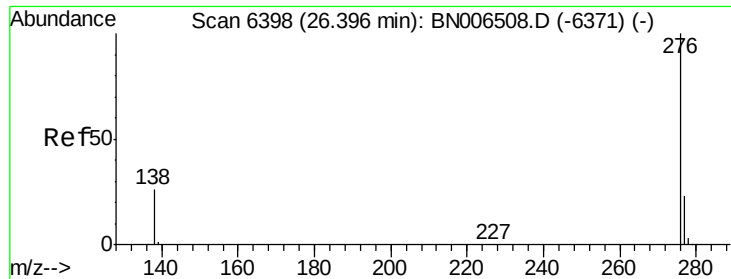
mohammad
 6/25/2019 8:45:15 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.212 ng/ul
 RT: 25.71 min Scan# 6193
 Delta R.T. -0.04 min
 Lab File: BN006510.D
 Acq: 23 Jun 2019 05:01

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	90569		
139	23.4	21.2	31.8	
279	26.1	22.6	33.8	





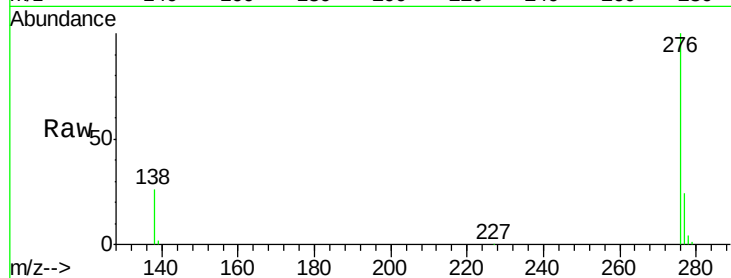
#26
 Benzo(g,h,i)perylene
 Concen: 7.160 ng/ul
 RT: 26.39 min Scan# 6396
 Delta R.T. -0.04 min
 Lab File: BN006510.D
 Acq: 23 Jun 2019 05:01

Instrument :
 BNA_N
 ClientSampleId :
 A41T6

Tgt Ion:	276	Resp:	307164
Ion Ratio	Lower	Upper	
276	100		
138	26.3	24.2	36.4
277	24.1	21.5	32.3

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:45:15 AM



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

