

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
 Data File : BN006378.D
 Acq On : 18 Jun 2019 15:13
 Operator : JU/SJ
 Sample : K3335-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y0

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:39:08 AM

Quant Time: Jun 18 17:04:53 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 18 15:57:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	6587	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	26243	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	14115	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	29306m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	18313m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	16303m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7186	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	17319m	0.22	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	50861	0.702	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	21558	0.427	ng/ul	99
7) Acenaphthylene	14.01	152	11266	0.144	ng/ul#	94
8) Acenaphthene	14.35	153	59320	1.090	ng/ul	99
9) Fluorene	15.35	166	76773	1.206	ng/ul	98
12) Phenanthrene	17.09	178	944202m	10.037	ng/ul	
13) Anthracene	17.18	178	267609m	2.979	ng/ul	
15) Fluoranthene	19.12	202	1025105m	9.868	ng/ul	
17) Pyrene	19.49	202	819259	8.493	ng/ul	98
18) Benzo(a)anthracene	21.25	228	370767m	4.578	ng/ul	
19) Chrysene	21.30	228	312598	4.111	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	326806m	4.807	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	139399m	2.105	ng/ul	
23) Benzo(a)pyrene	23.40	252	238672	3.770	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.73	276	135433	1.976	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.73	278	35456	0.647	ng/ul	96
26) Benzo(a,h,i)perylene	26.41	276	103235	1.799	ng/ul	94

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

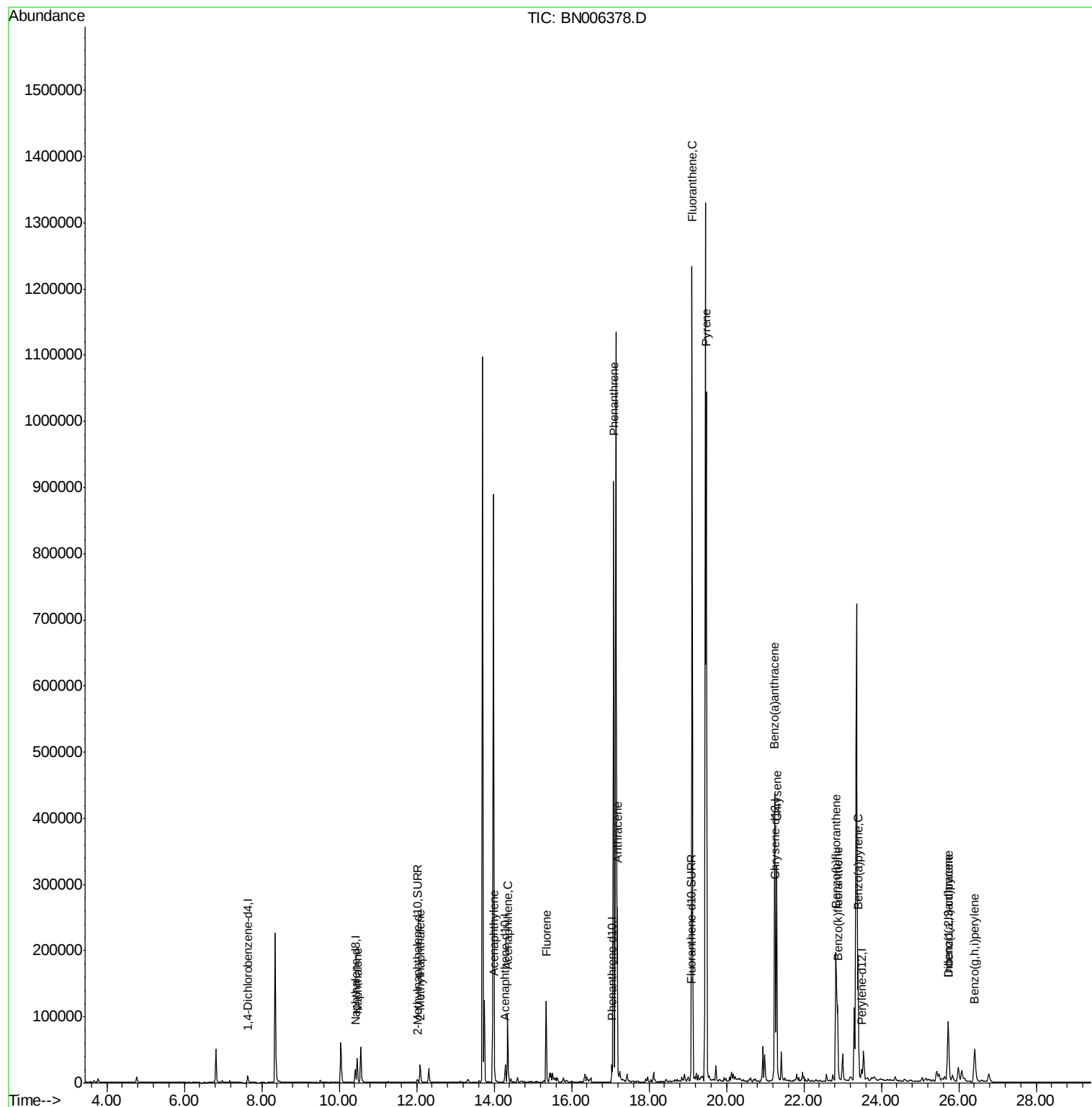
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
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ALS Vial : 11 Sample Multiplier: 1

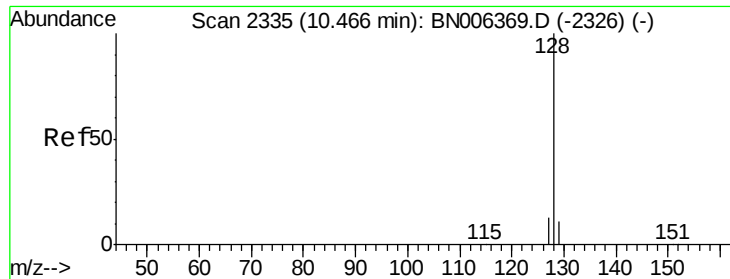
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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#3

Naphthalene

Concen: 0.702 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

Instrument :

BNA_N

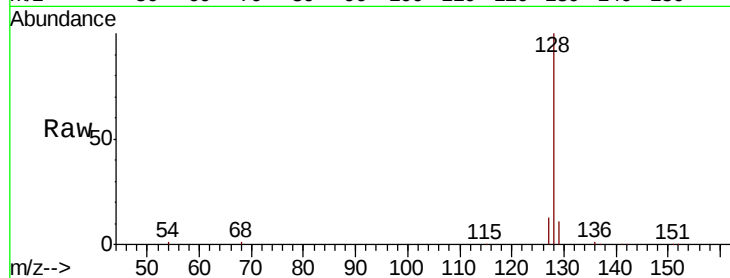
ClientSampleId :

A41Y0

Tot Ion:	128	Resp:	50861
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.3	13.9
127	13.0	10.7	16.1

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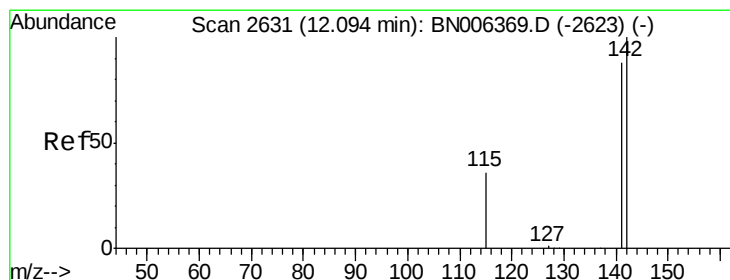
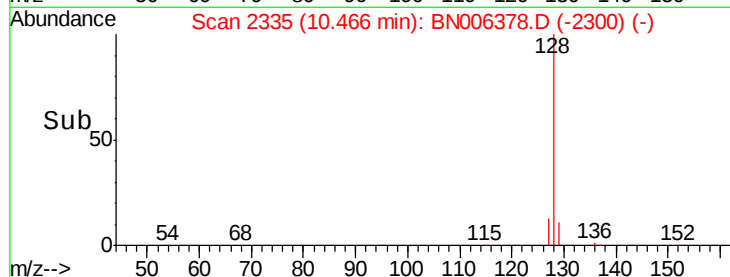
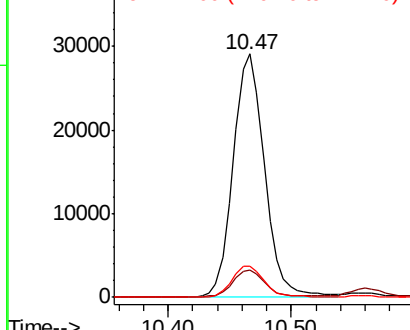


Abundance

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: 0.427 ng/ul

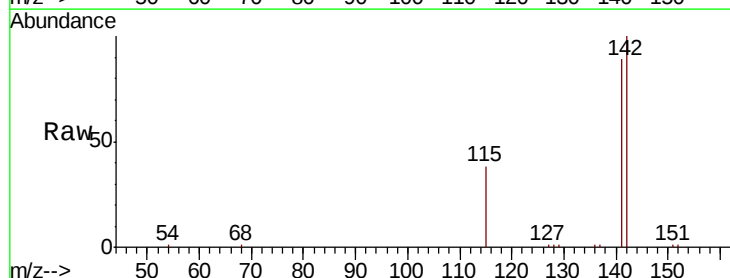
RT: 12.09 min Scan# 2630

Delta R.T. -0.01 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

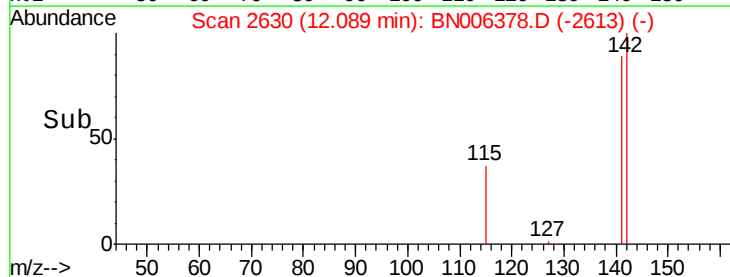
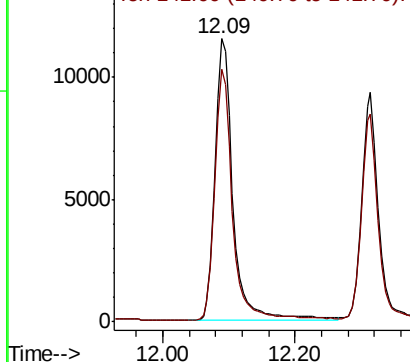
Tgt Ion:	142	Resp:	21558
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.3	105.5

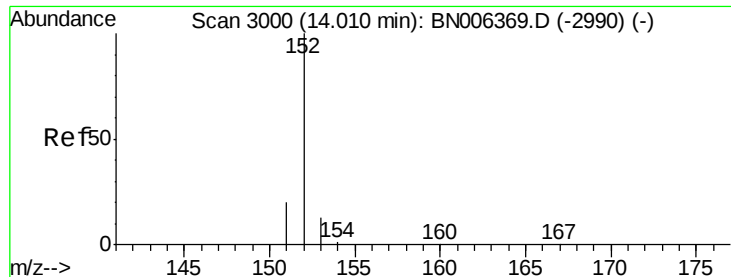


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.144 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

Instrument :

BNA_N

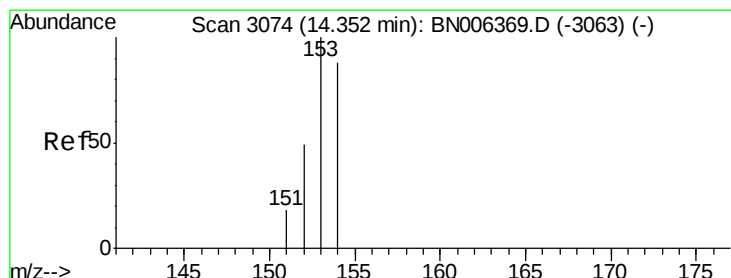
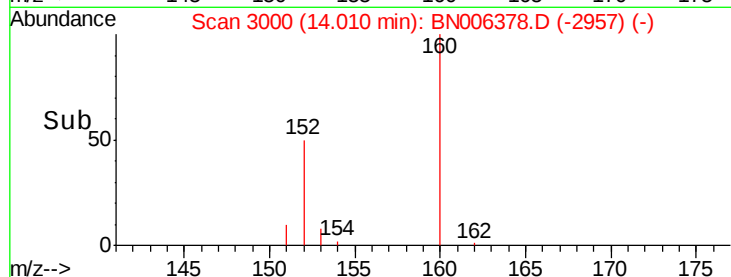
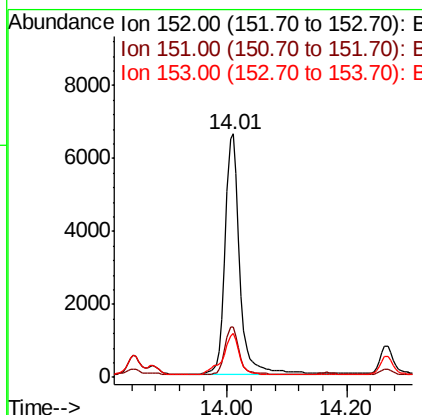
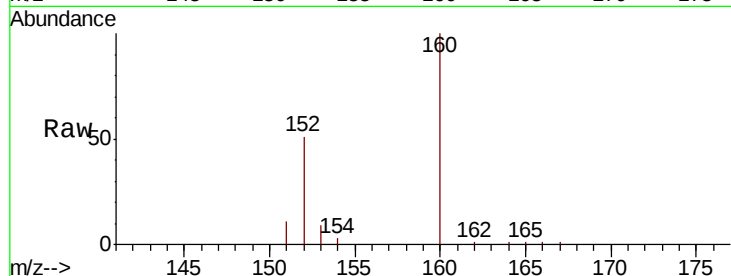
ClientSampleId :

A41Y0

Tot Ion:	152	Resp:	11266
Ion Ratio	Lower	Upper	
152	100		
151	20.9	15.8	23.8
153	18.0	10.8	16.2

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#8

Acenaphthene

Concen: 1.090 ng/ul

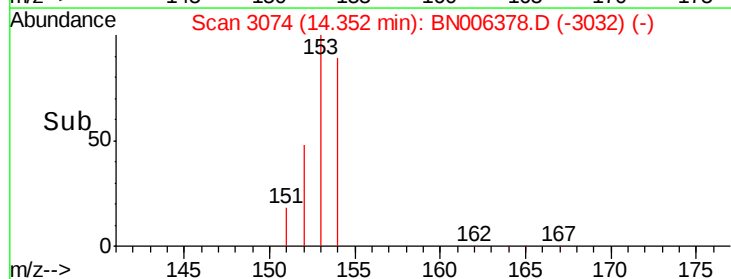
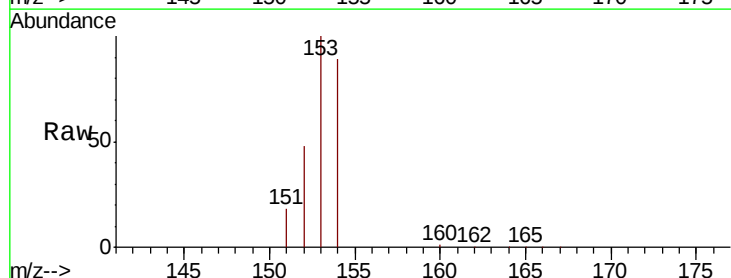
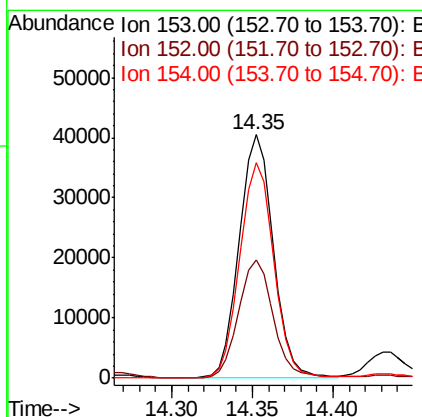
RT: 14.35 min Scan# 3074

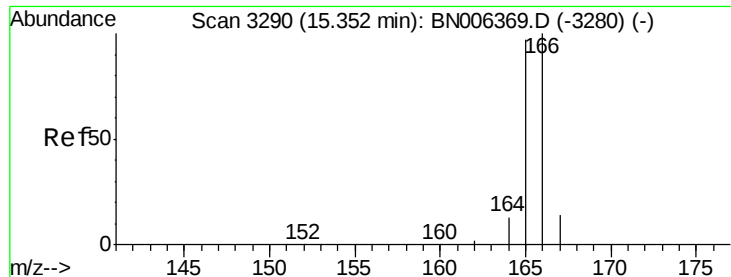
Delta R.T. -0.00 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

Tgt Ion:	153	Resp:	59320
Ion Ratio	Lower	Upper	
153	100		
152	48.3	39.1	58.7
154	88.6	71.1	106.7





#9

Fluorene

Concen: 1.206 ng/ul

RT: 15.35 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

Instrument :

BNA_N

ClientSampleId :

A41Y0

Tot Ion:166 Resp: 76773

Ion Ratio Lower Upper

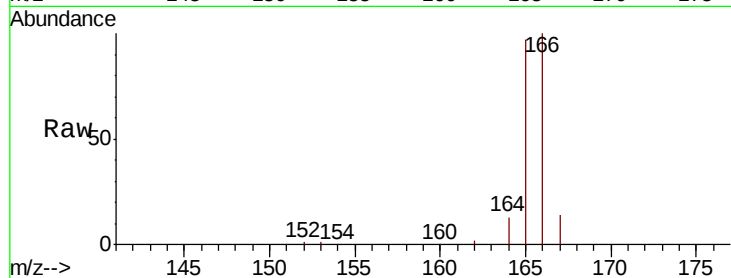
166 100

165 97.2 76.4 114.6

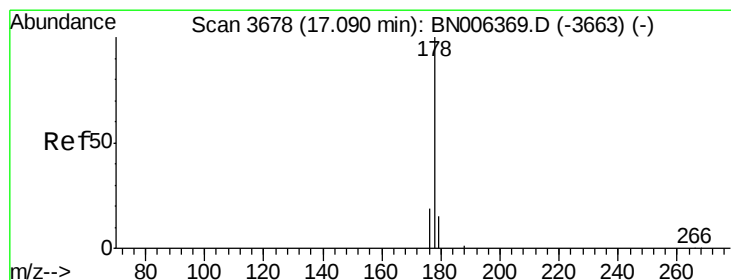
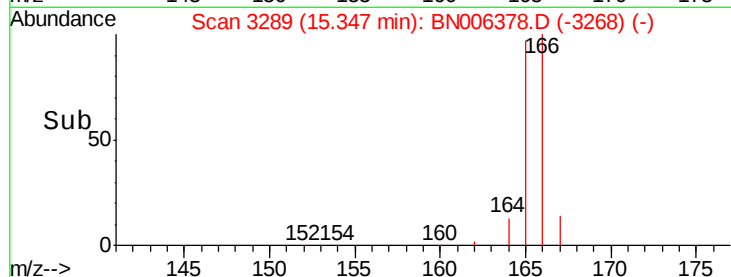
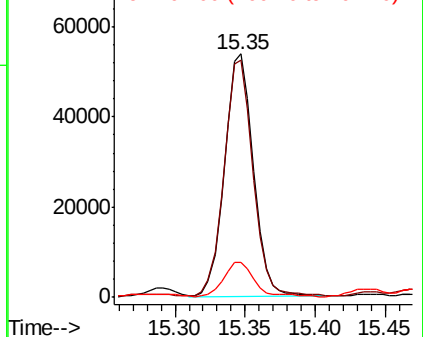
167 14.4 11.0 16.6

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 10.037 ng/ul m

RT: 17.09 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

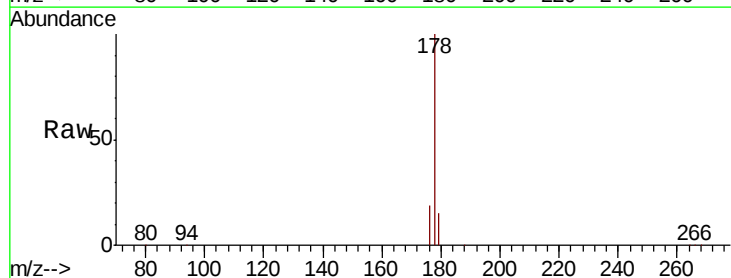
Tgt Ion:178 Resp: 944202

Ion Ratio Lower Upper

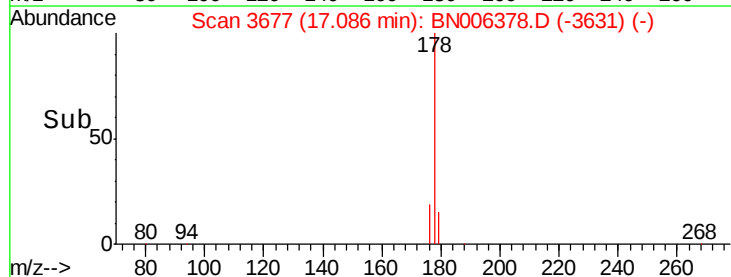
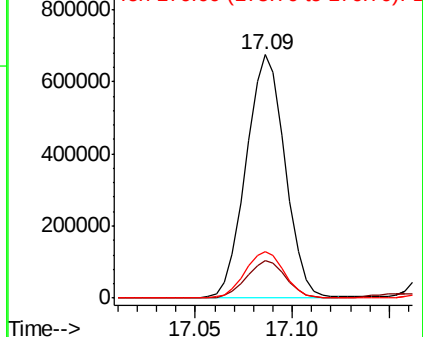
178 100

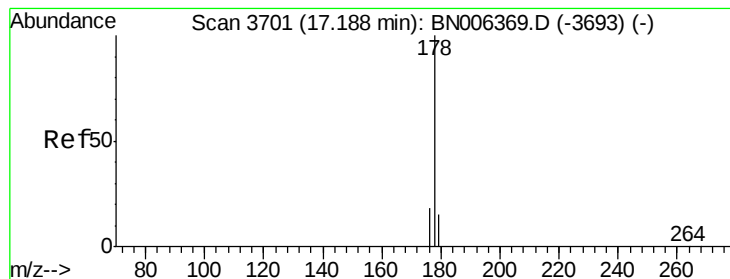
179 15.4 12.3 18.5

176 19.3 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 2.979 ng/ul m

RT: 17.18 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

Instrument :

BNA_N

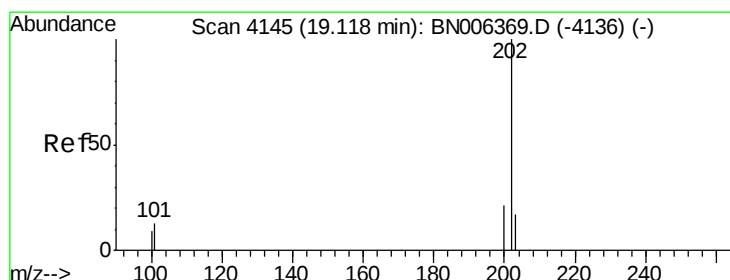
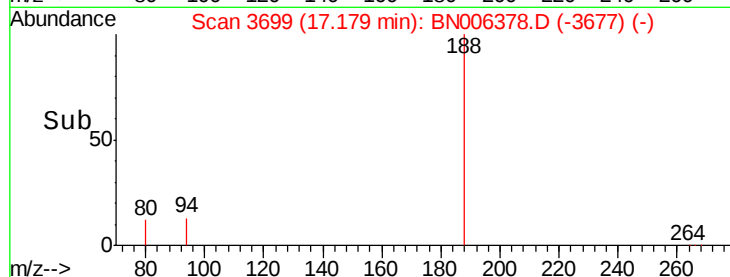
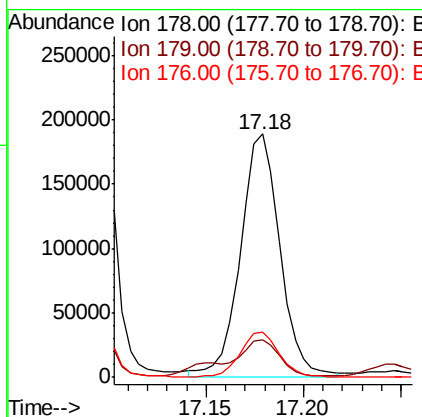
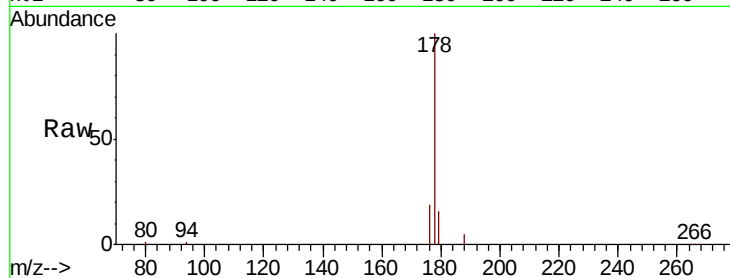
ClientSampleId :

A41Y0

Tot Ion:	178	Resp:	267609
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.4
176	18.7	15.1	22.7

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#15

Fluoranthene

Concen: 9.868 ng/ul m

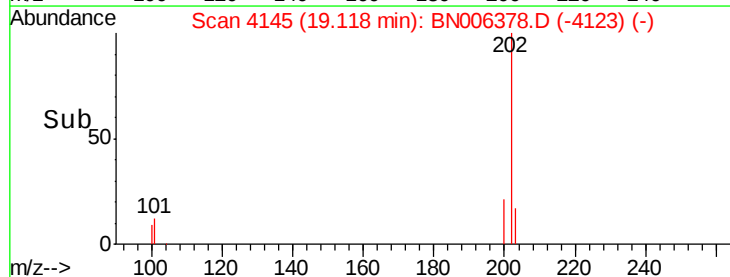
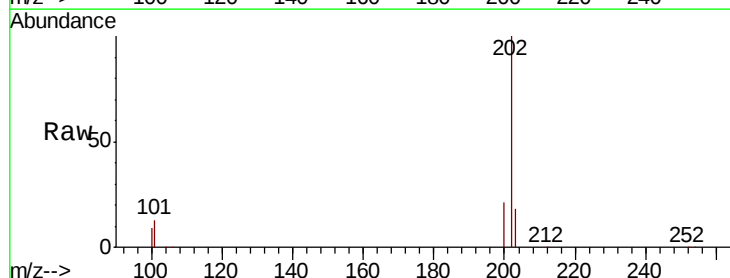
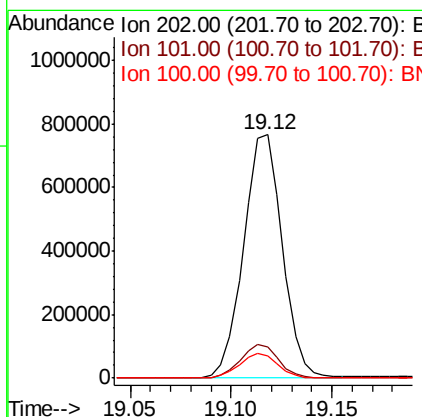
RT: 19.12 min Scan# 4145

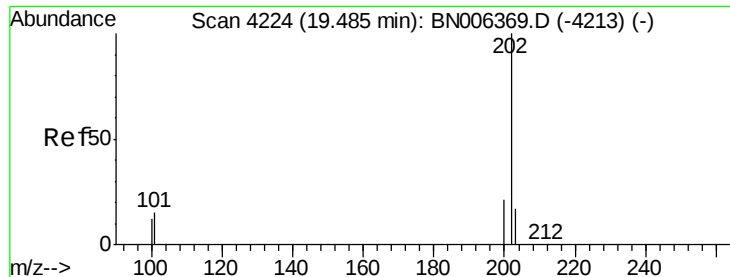
Delta R.T. -0.00 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

Tgt Ion:	202	Resp:	1025105
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	32.1
100	9.1	0.0	28.7





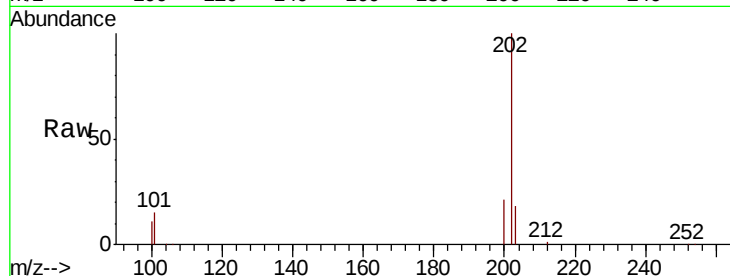
#17
Pvrene
Concen: 8.493 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006378.D
Acq: 18 Jun 2019 15:13

Instrument :
BNA_N
ClientSampleId :
A41Y0

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.5	12.2	18.2
100	11.4	9.8	14.6

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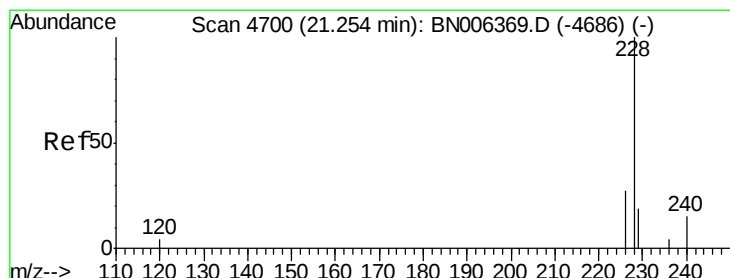
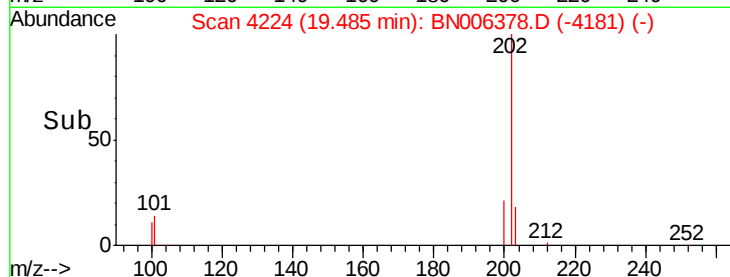
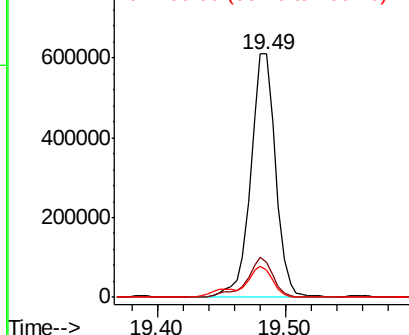


Abundance

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: 4.578 ng/ul m
RT: 21.25 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN006378.D
Acq: 18 Jun 2019 15:13

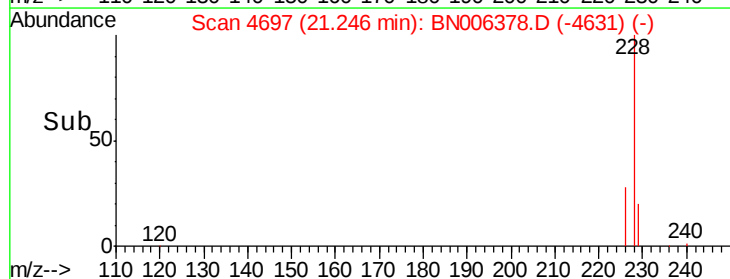
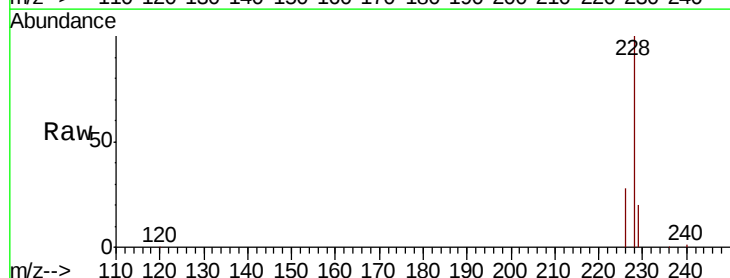
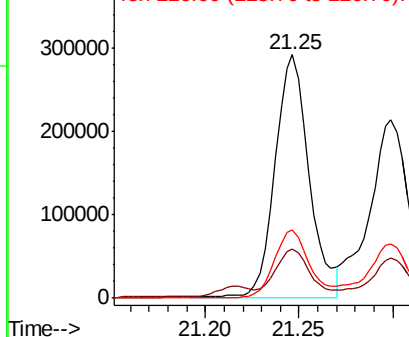
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	16.5	24.7
226	28.1	22.8	34.2

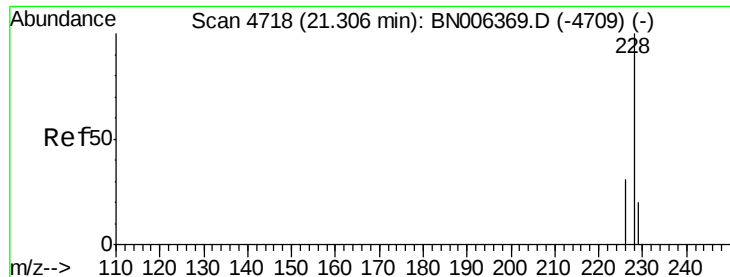
Abundance

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: 4.111 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.01 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

Instrument :

BNA_N

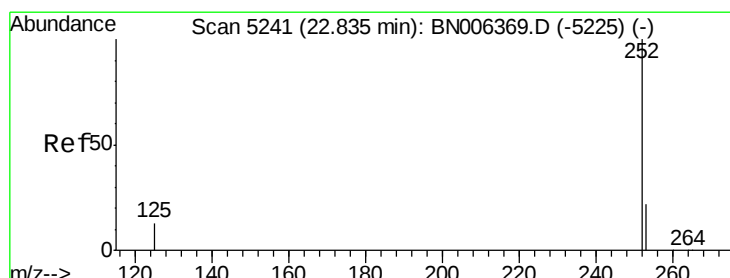
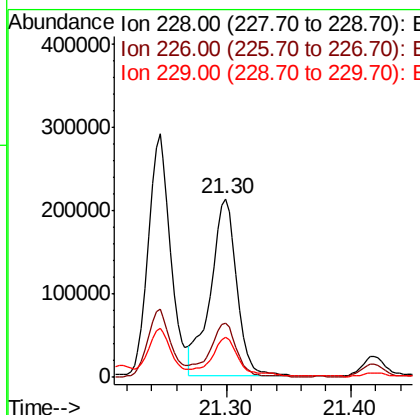
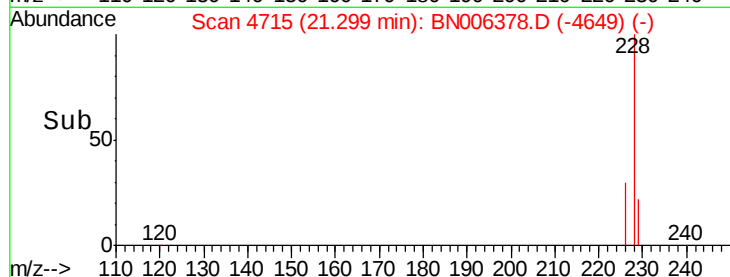
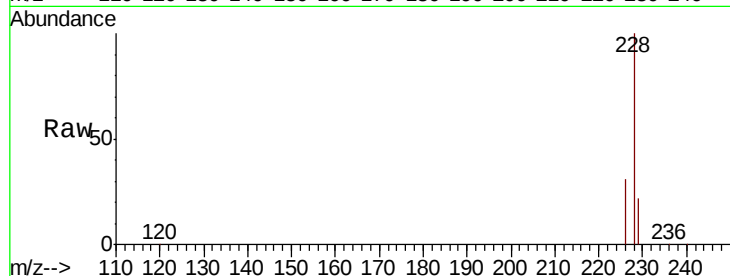
ClientSampleId :

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Tot Ion:	228	Resp:	312598
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	22.2	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 4.807 ng/ul m

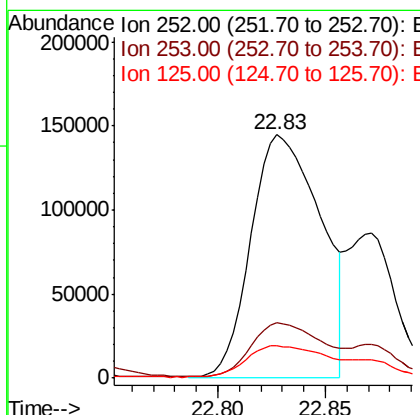
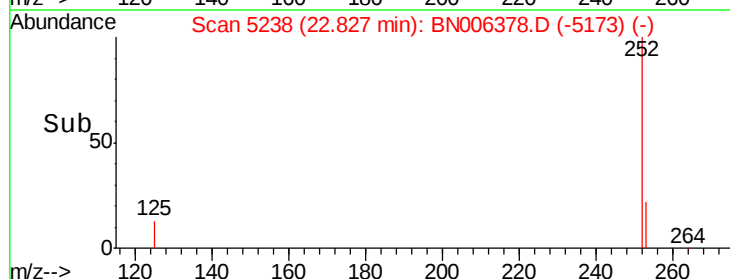
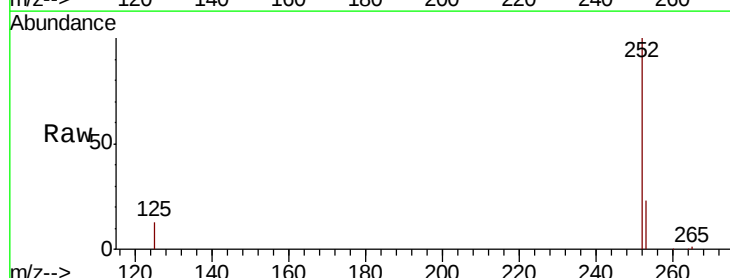
RT: 22.83 min Scan# 5238

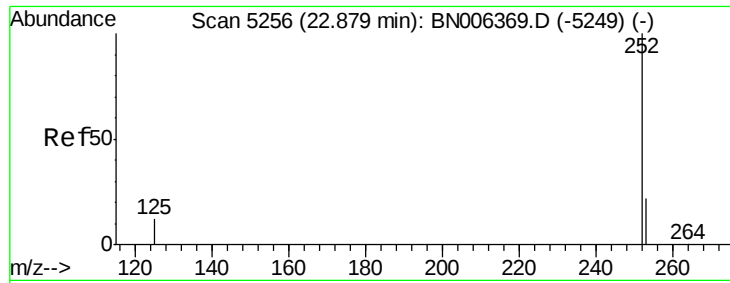
Delta R.T. -0.01 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

Tgt Ion:	252	Resp:	326806
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	51.4
125	13.2	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 2.105 ng/ul m

RT: 22.87 min Scan# 5253

Delta R.T. -0.01 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

Instrument :

BNA_N

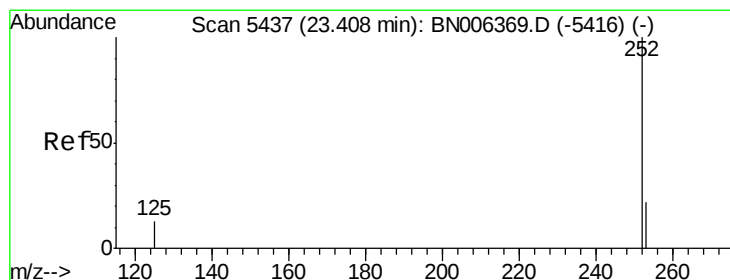
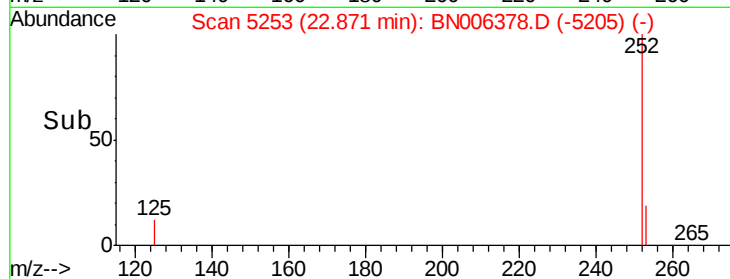
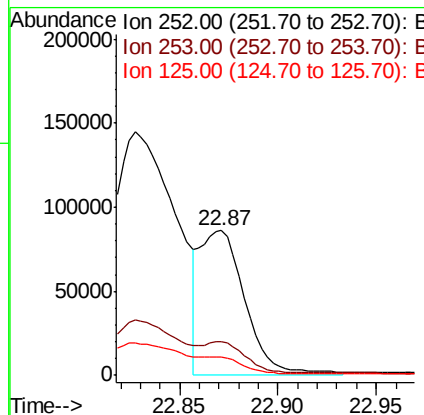
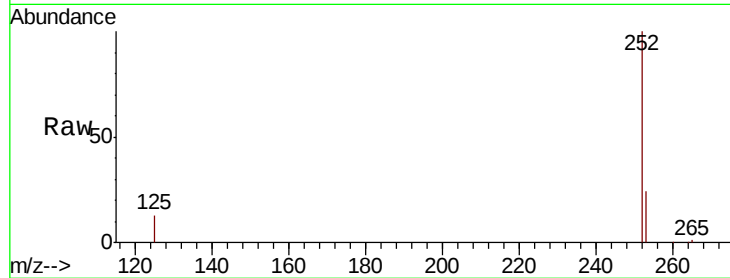
ClientSampleId :

A41Y0

Tot Ion:	252	Resp:	139399
Ion Ratio	Lower	Upper	
252	100		
253	23.5	20.3	30.5
125	12.7	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 3.770 ng/ul

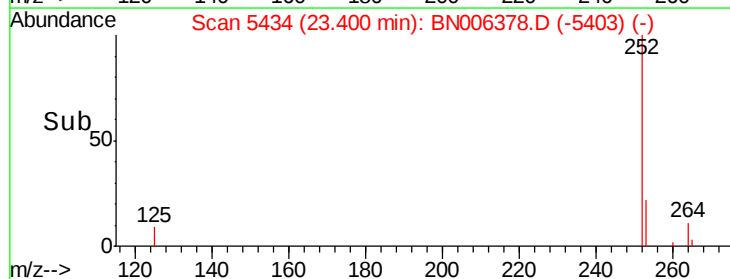
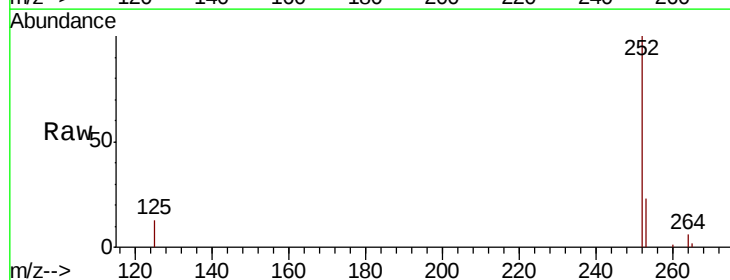
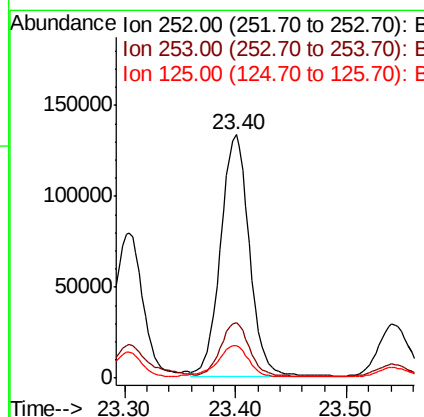
RT: 23.40 min Scan# 5434

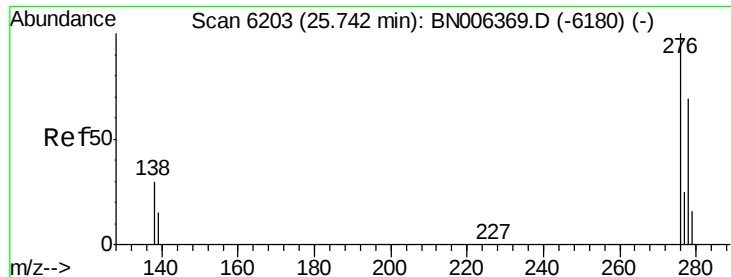
Delta R.T. -0.01 min

Lab File: BN006378.D

Acq: 18 Jun 2019 15:13

Tgt Ion:	252	Resp:	238672
Ion Ratio	Lower	Upper	
252	100		
253	22.8	21.1	31.7
125	13.4	20.3	30.5#





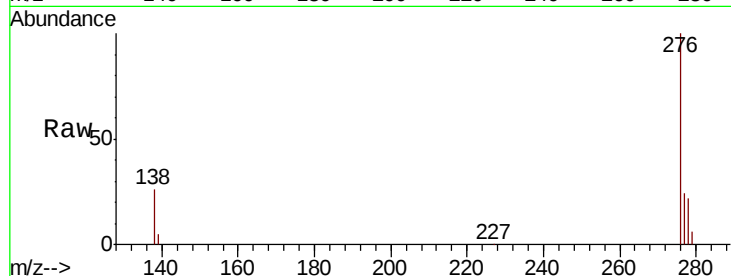
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.976 ng/ul
 RT: 25.73 min Scan# 6198
 Delta R.T. -0.02 min
 Lab File: BN006378.D
 Acq: 18 Jun 2019 15:13

Instrument :
 BNA_N
 ClientSampleId :
 A41Y0

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

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:39:08 AM

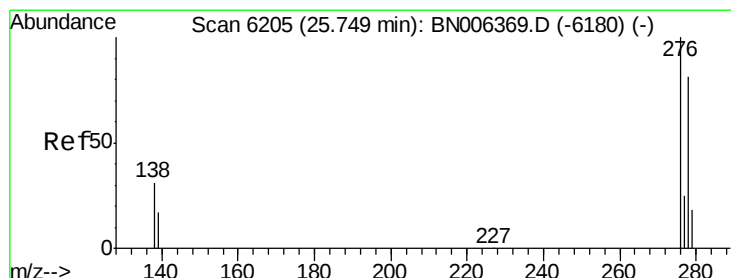
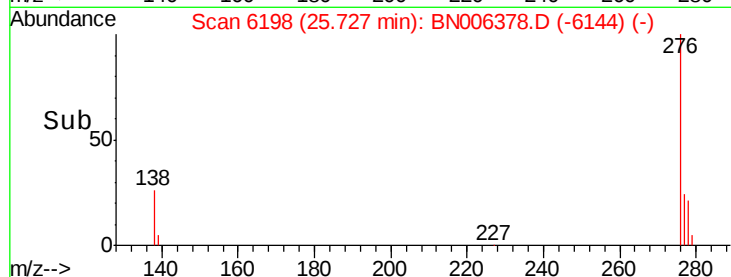
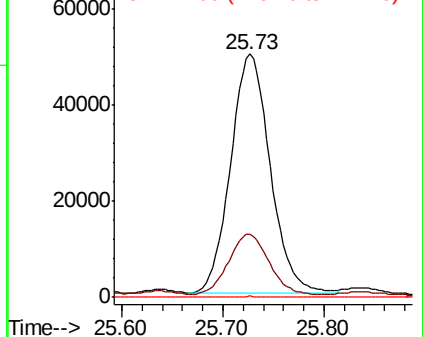


Abundance

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: 0.647 ng/ul
 RT: 25.73 min Scan# 6199
 Delta R.T. -0.02 min
 Lab File: BN006378.D
 Acq: 18 Jun 2019 15:13

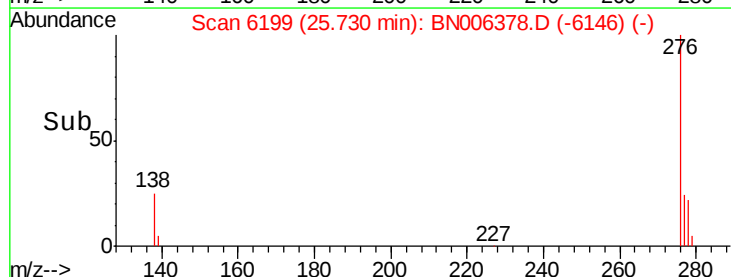
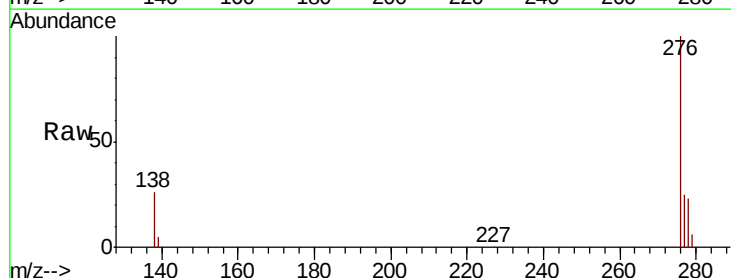
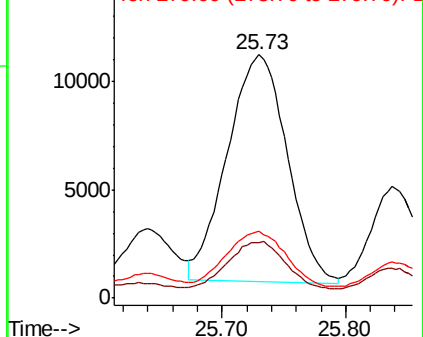
Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	21.2	31.8
279	27.3	22.6	33.8

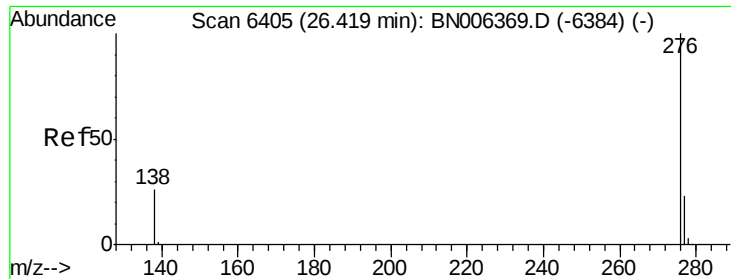
Abundance

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(a,h,i)perylene
Concen: 1.799 ng/ul
RT: 26.41 min Scan# 6402
Delta R.T. -0.02 min
Lab File: BN006378.D
Acq: 18 Jun 2019 15:13

Instrument :
BNA_N
ClientSampleId :
A41Y0

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.7	24.2	36.4
277	24.2	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/21/2019 8:39:08 AM

