

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
 Data File : BN006376.D
 Acq On : 18 Jun 2019 14:05
 Operator : JU/SJ
 Sample : K3335-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4234

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:38:57 AM

Quant Time: Jun 18 16:49:21 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	4448	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17825	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9652	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	275273m	0.40	ng/ul	0.02
16) Chrysene-d12	21.27	240	11597m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	10425m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6400	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	14466m	0.02	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	3392	0.069	ng/ul#	92
5) 2-Methylnaphthalene	12.09	142	1167	0.034	ng/ul	100
7) Acenaphthylene	14.01	152	7909	0.147	ng/ul	97
8) Acenaphthene	14.35	153	2887	0.078	ng/ul	99
9) Fluorene	15.35	166	3986	0.092	ng/ul	99
12) Phenanthrene	17.09	178	74428m	0.084	ng/ul	
13) Anthracene	17.18	178	20166m	0.024	ng/ul	
15) Fluoranthene	19.12	202	146685m	0.150	ng/ul	
17) Pyrene	19.49	202	131980	2.161	ng/ul	100
18) Benzo(a)anthracene	21.25	228	55442m	1.081	ng/ul	
19) Chrysene	21.30	228	54270	1.127	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	71810m	1.652	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	27521m	0.650	ng/ul	
23) Benzo(a)pyrene	23.40	252	46947m	1.160	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	31051m	0.709	ng/ul	
25) Dibenzo(a,h)anthracene	25.74	278	7461m	0.213	ng/ul	
26) Benzo(a,h,i)perylene	26.42	276	25001m	0.681	ng/ul	

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

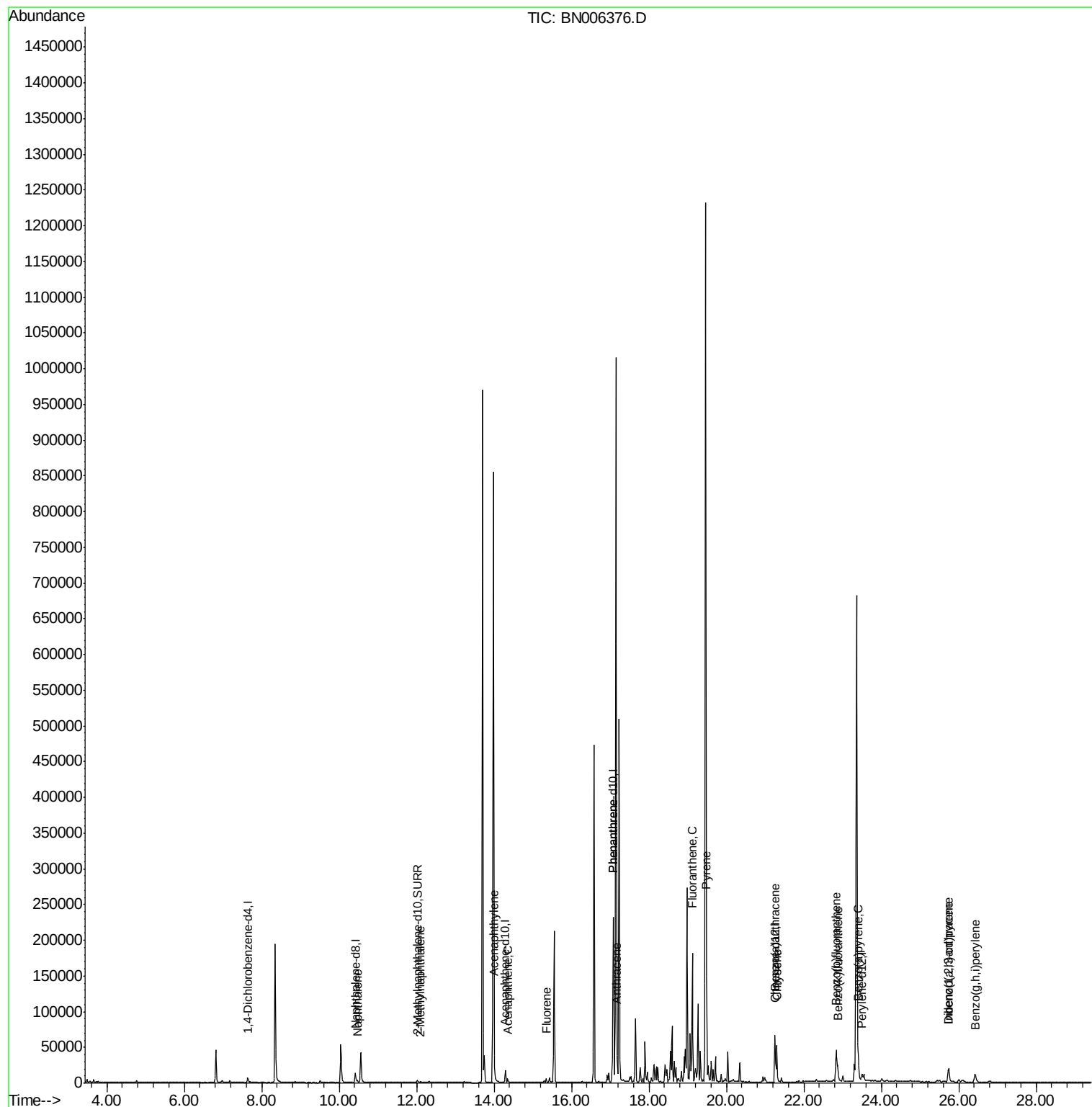
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
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ALS Vial : 9 Sample Multiplier: 1

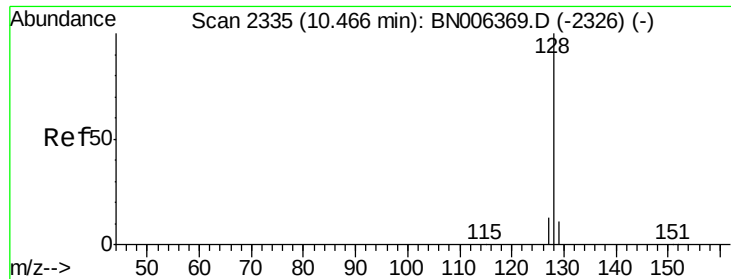
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Tue Jun 18 15:57:40 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.069 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN006376.D

Acq: 18 Jun 2019 14:05

Instrument :

BNA_N

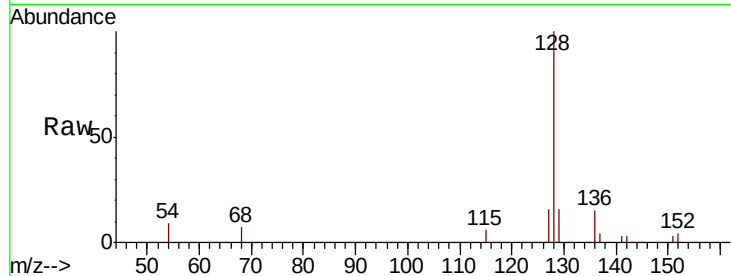
ClientSampled :

A4234

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.9	9.3	13.9#
127	15.8	10.7	16.1

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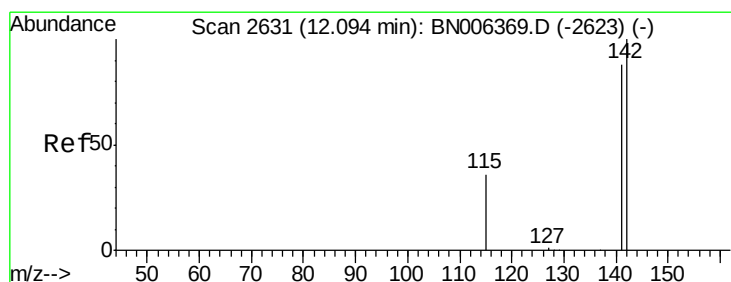
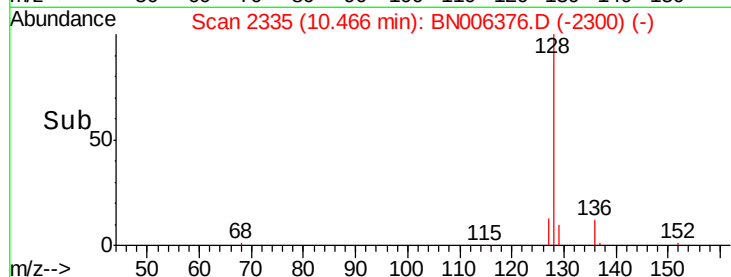
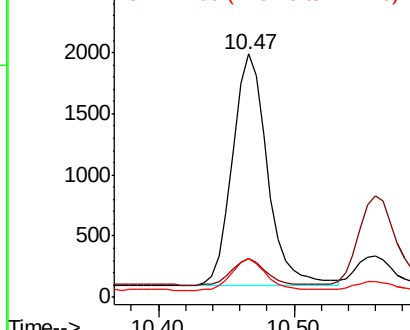


Abundance

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: 0.034 ng/ul

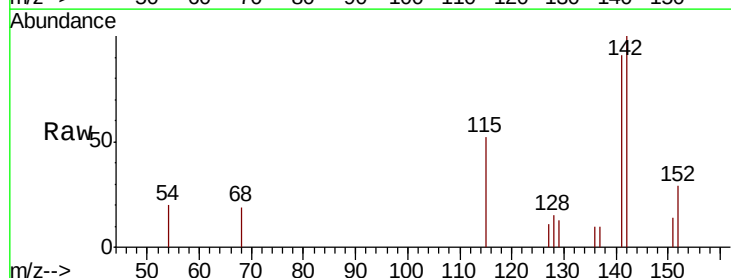
RT: 12.09 min Scan# 2631

Delta R.T. -0.00 min

Lab File: BN006376.D

Acq: 18 Jun 2019 14:05

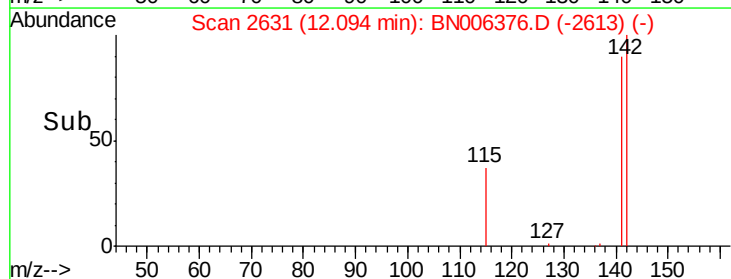
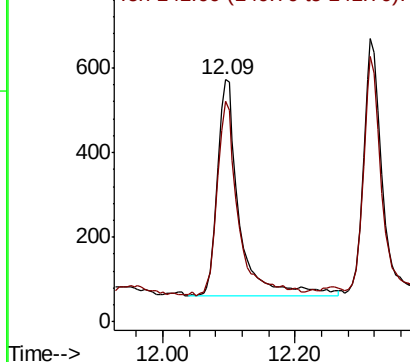
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5

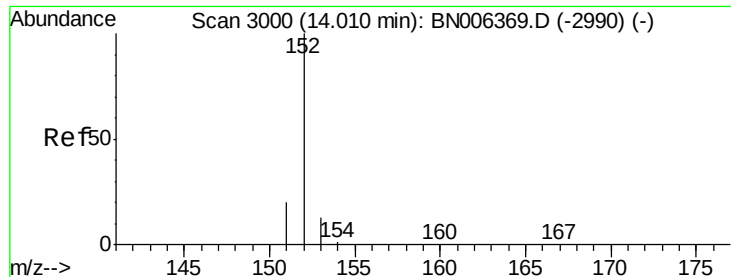


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.147 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BN006376.D

Acq: 18 Jun 2019 14:05

Instrument :

BNA_N

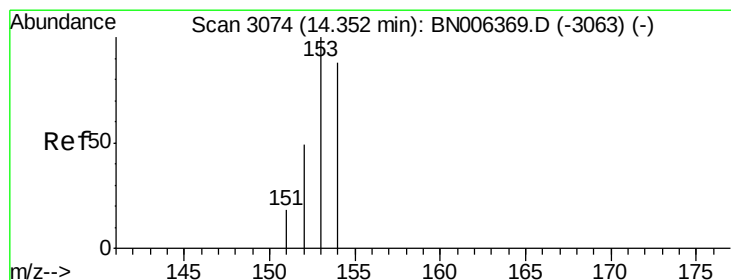
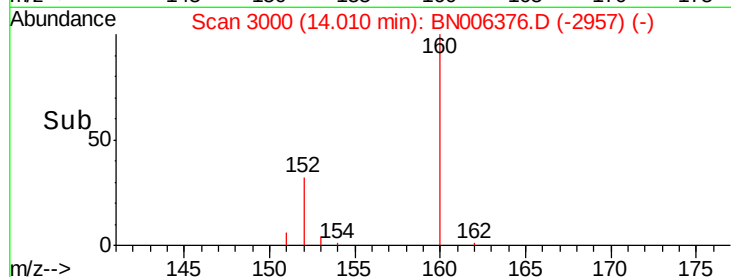
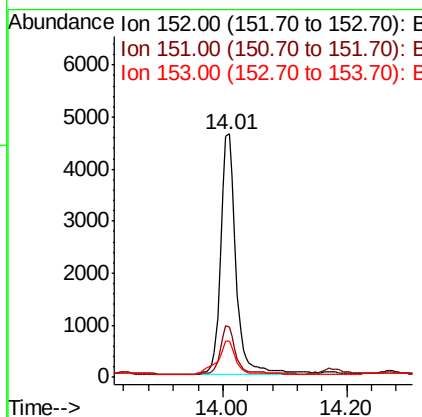
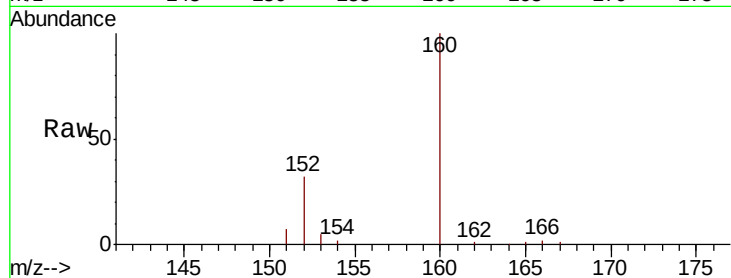
ClientSampleId :

A4234

Tot Ion:	152	Resp:	7909
Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	14.7	10.8	16.2

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#8

Acenaphthene

Concen: 0.078 ng/ul

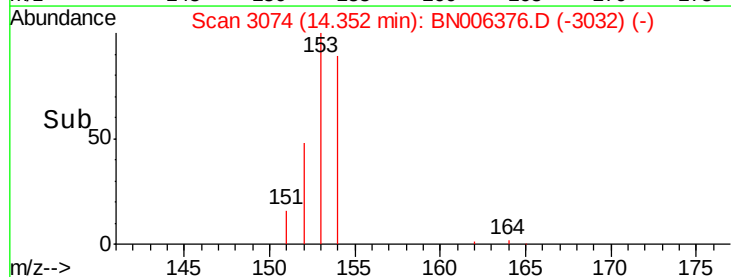
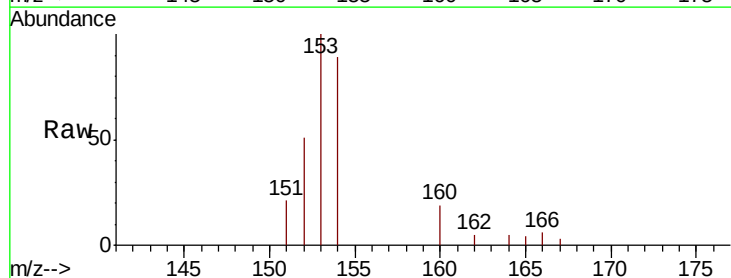
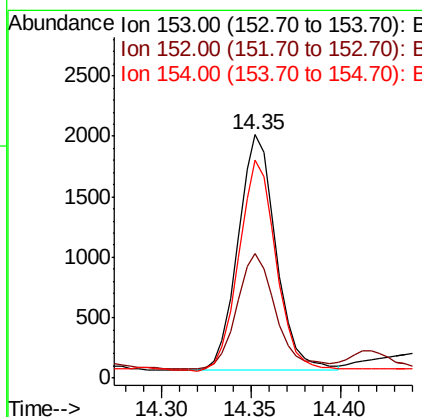
RT: 14.35 min Scan# 3074

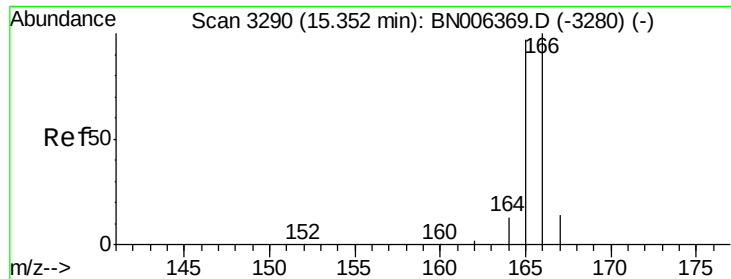
Delta R.T. -0.00 min

Lab File: BN006376.D

Acq: 18 Jun 2019 14:05

Tgt Ion:	153	Resp:	2887
Ion	Ratio	Lower	Upper
153	100		
152	51.0	39.1	58.7
154	89.4	71.1	106.7





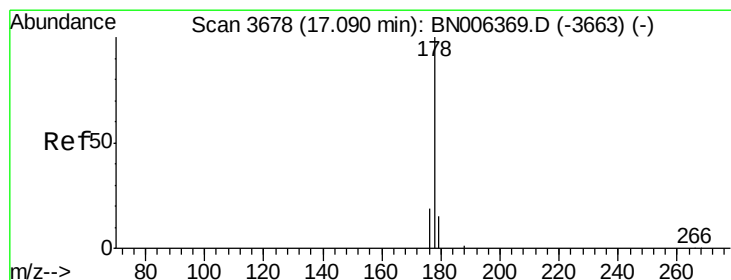
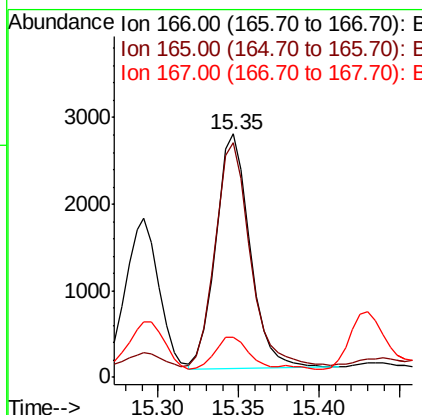
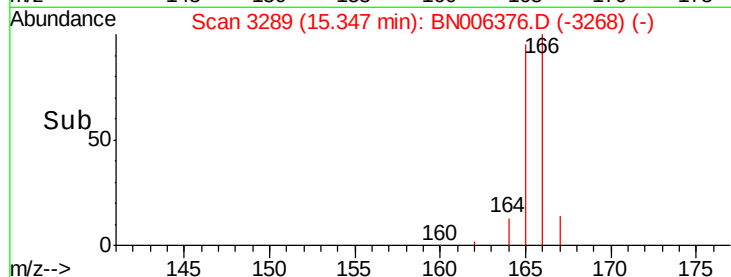
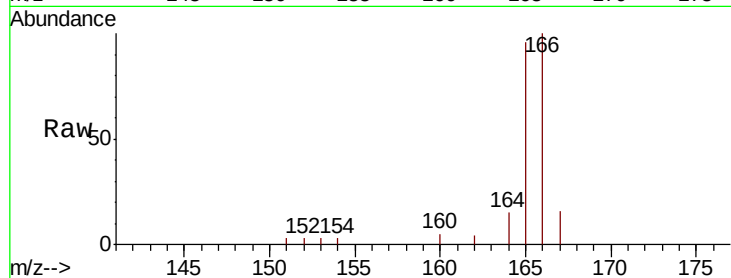
#9
Fluorene
 Concen: 0.092 ng/ul
 RT: 15.35 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BN006376.D
 Acq: 18 Jun 2019 14:05

Instrument :
 BNA_N
 ClientSampleId :
 A4234

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		3986		
165	96.2	76.4	114.6		
167	16.5	11.0	16.6		

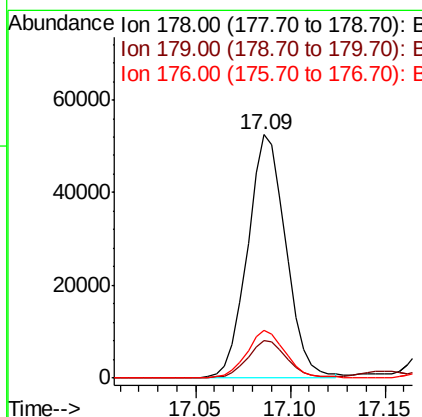
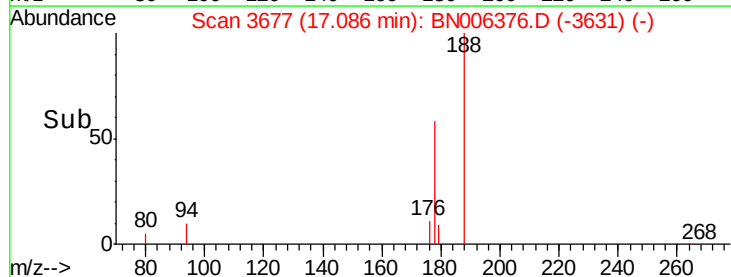
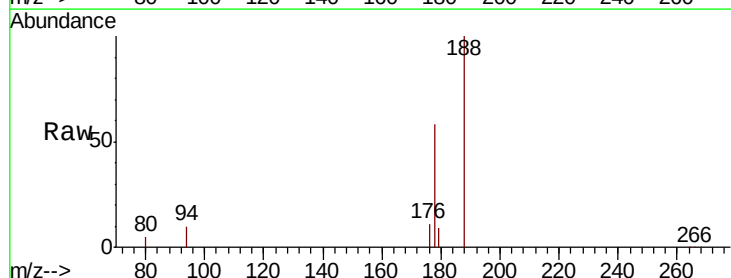
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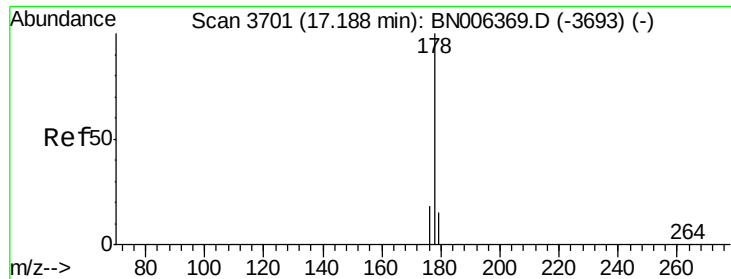
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#12
Phenanthrene
 Concen: 0.084 ng/ul m
 RT: 17.09 min Scan# 3677
 Delta R.T. -0.00 min
 Lab File: BN006376.D
 Acq: 18 Jun 2019 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		74428		
179	15.4	12.3	18.5		
176	19.6	15.3	22.9		





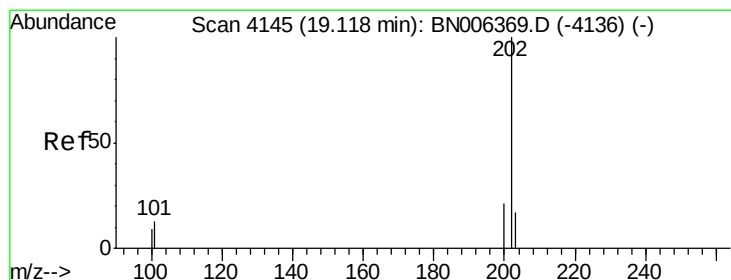
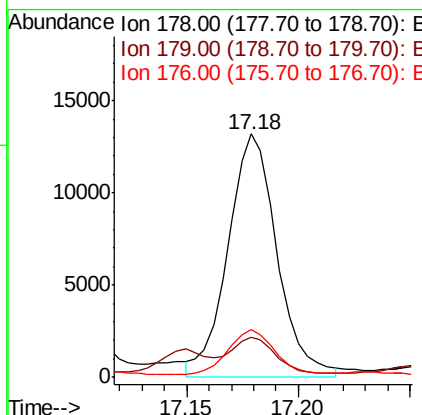
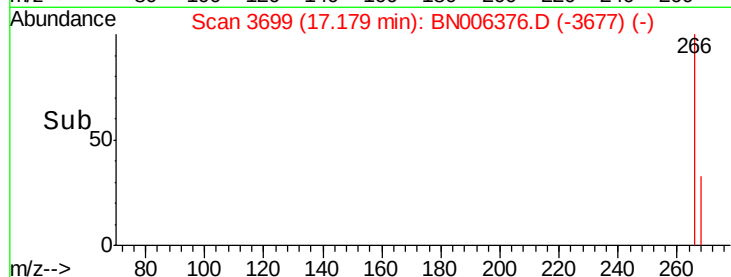
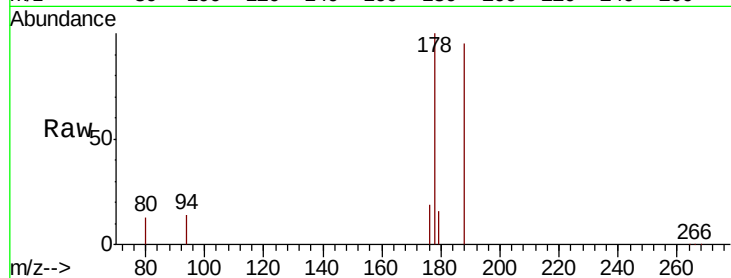
#13
 Anthracene
 Concen: 0.024 ng/ul m
 RT: 17.18 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BN006376.D
 Acq: 18 Jun 2019 14:05

Instrument :
 BNA_N
 ClientSampleId :
 A4234

Tot Ion:178	Resp:	20166
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.2 18.4
176	19.4	15.1 22.7

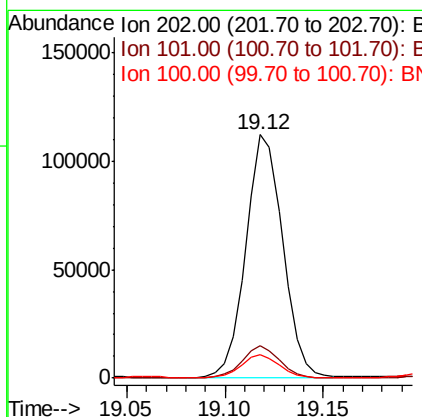
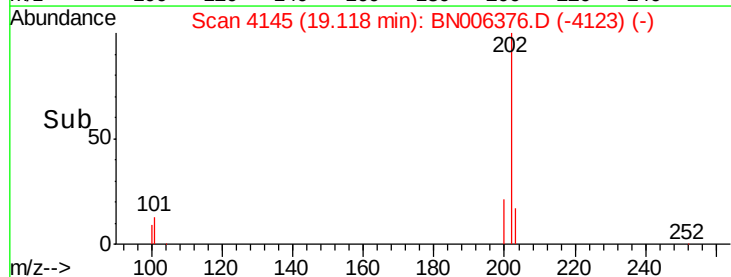
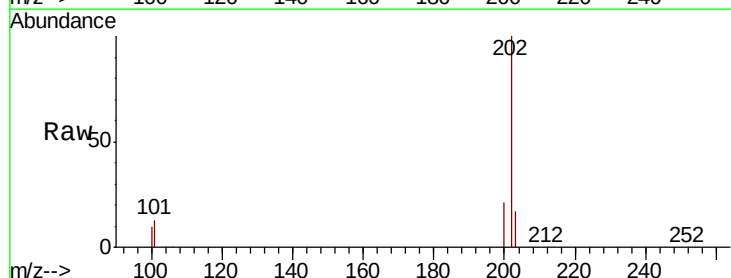
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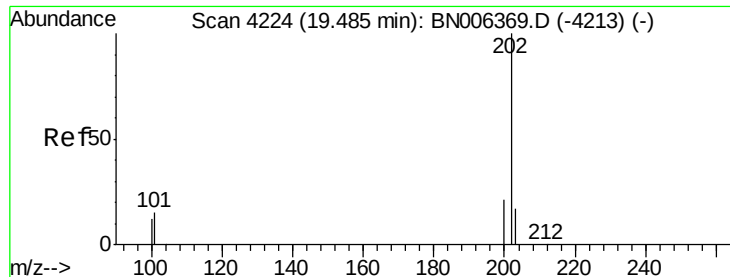
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#15
 Fluoranthene
 Concen: 0.150 ng/ul m
 RT: 19.12 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: BN006376.D
 Acq: 18 Jun 2019 14:05

Tgt Ion:202	Resp:	146685
Ion Ratio	Lower	Upper
202	100	
101	13.2	0.0 32.1
100	9.7	0.0 28.7





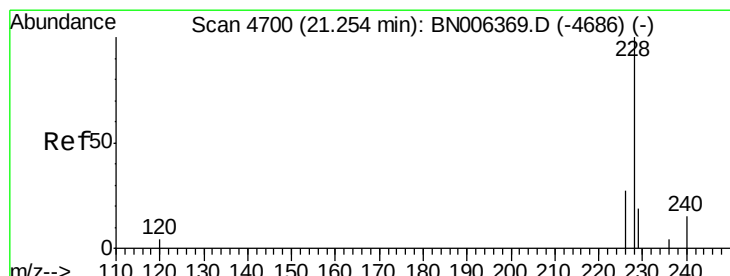
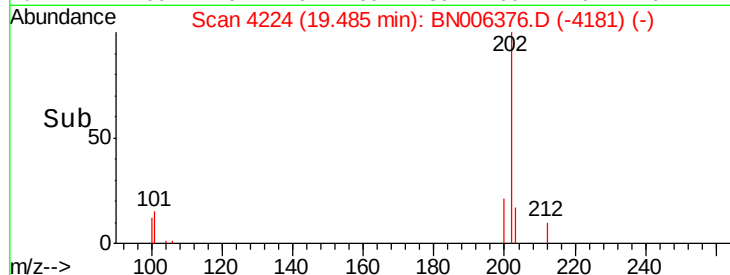
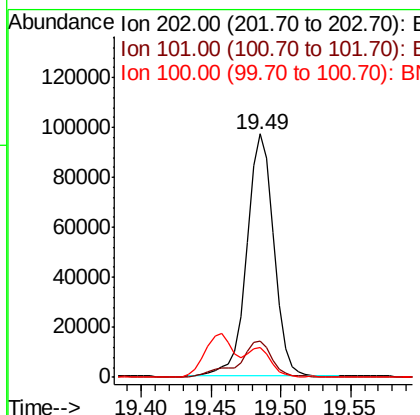
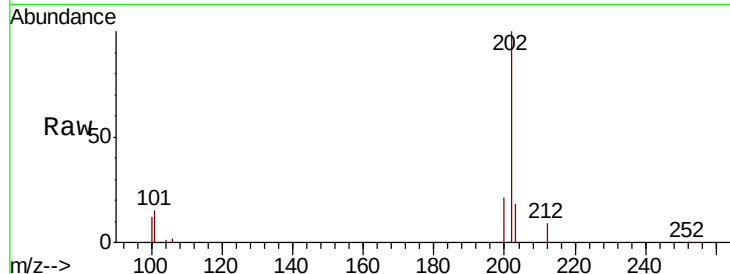
#17
 Pyrene
 Concen: 2.161 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. 0.00 min
 Lab File: BN006376.D
 Acq: 18 Jun 2019 14:05

Instrument :
 BNA_N
 ClientSampleId :
 A4234

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.1	12.2	18.2
100	12.1	9.8	14.6

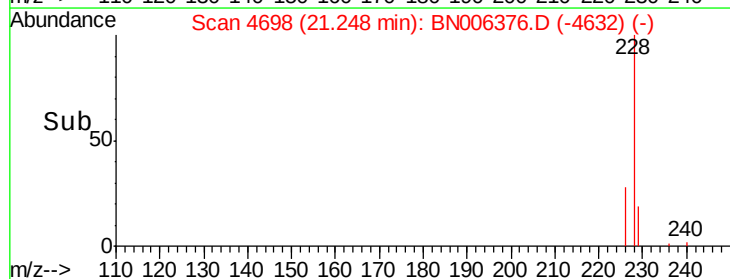
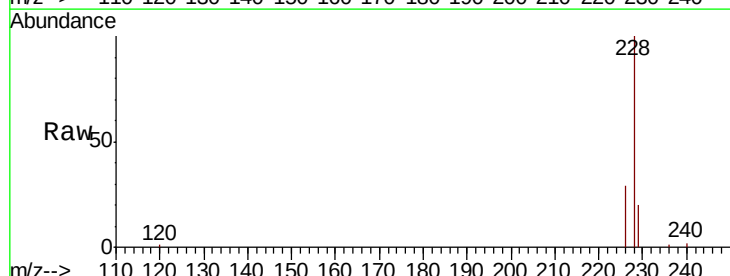
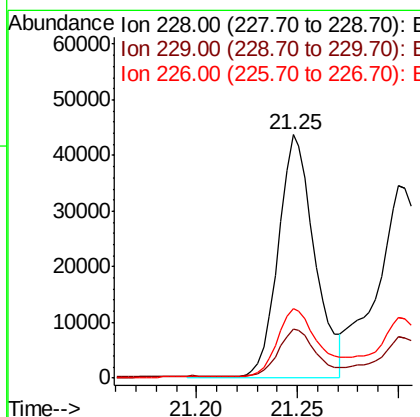
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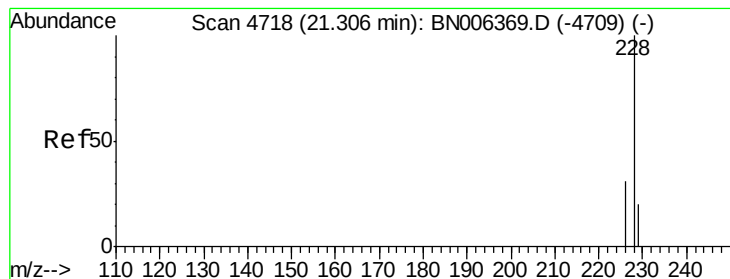
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#18
 Benzo(a)anthracene
 Concen: 1.081 ng/ul m
 RT: 21.25 min Scan# 4698
 Delta R.T. -0.01 min
 Lab File: BN006376.D
 Acq: 18 Jun 2019 14:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	16.5	24.7
226	28.6	22.8	34.2





#19

Chrysene

Concen: 1.127 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.01 min

Lab File: BN006376.D

Acq: 18 Jun 2019 14:05

Instrument :

BNA_N

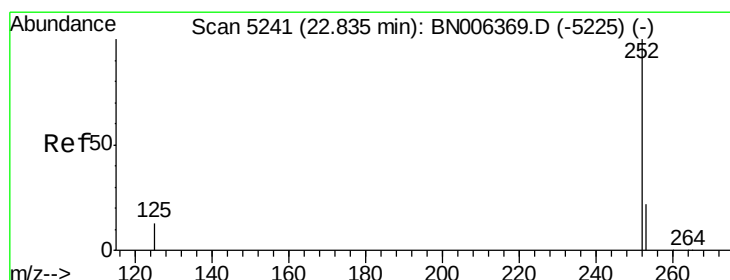
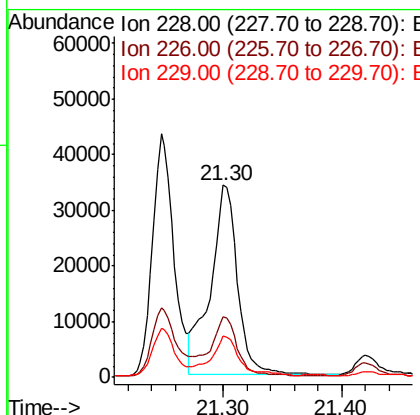
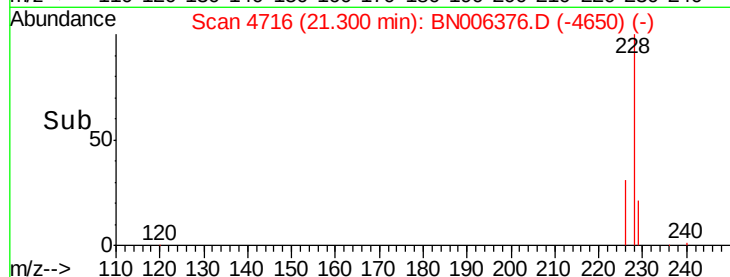
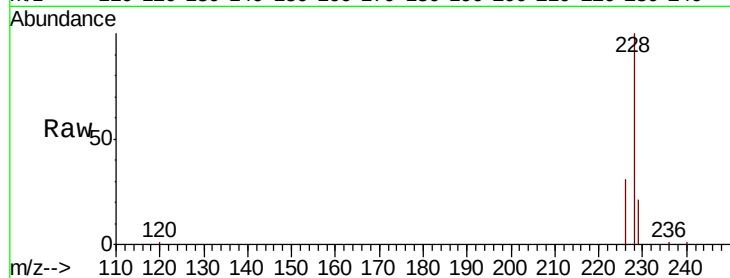
ClientSampleId :

A4234

Tot Ion:	228	Resp:	54270
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.2	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 1.652 ng/ul m

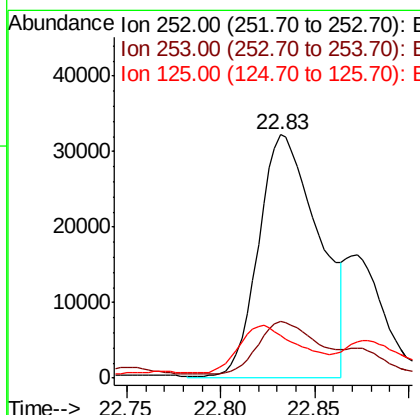
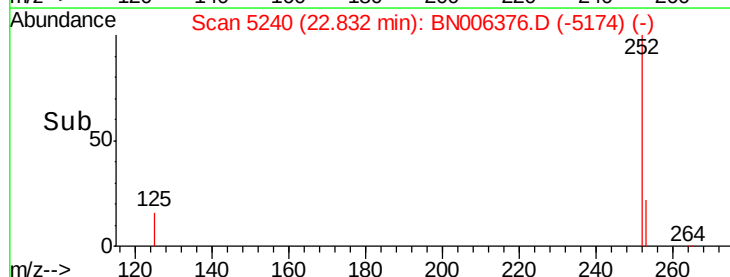
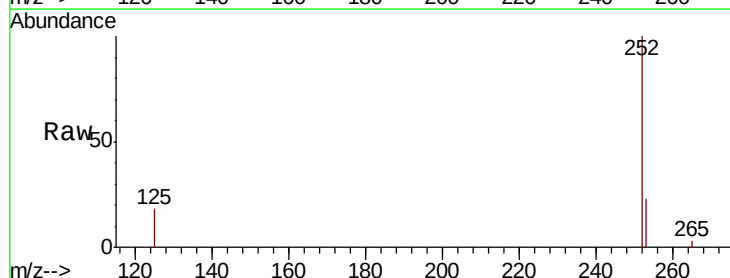
RT: 22.83 min Scan# 5240

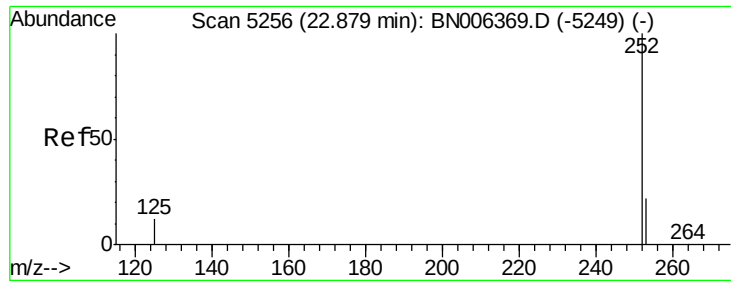
Delta R.T. -0.01 min

Lab File: BN006376.D

Acq: 18 Jun 2019 14:05

Tgt Ion:	252	Resp:	71810
Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	51.4
125	17.6	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.650 ng/ul m

RT: 22.87 min Scan# 5254

Delta R.T. -0.01 min

Lab File: BN006376.D

Acq: 18 Jun 2019 14:05

Instrument :

BNA_N

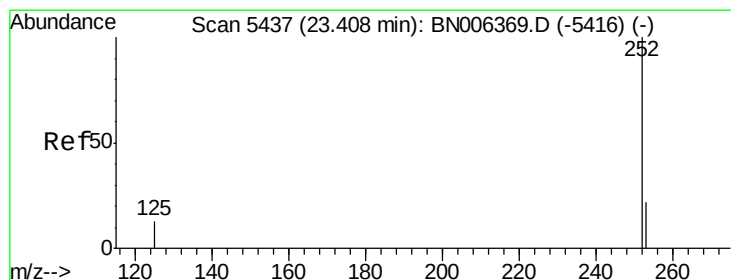
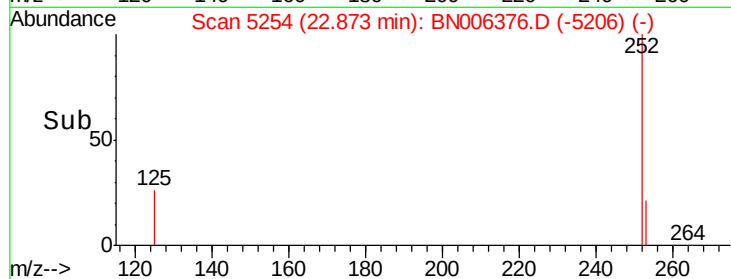
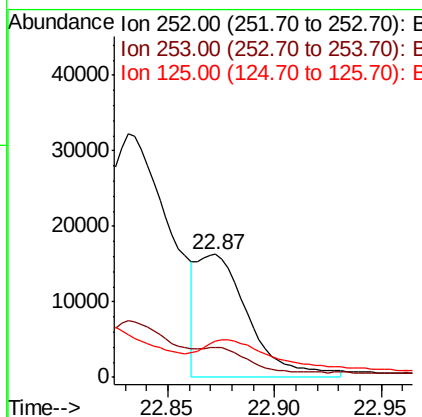
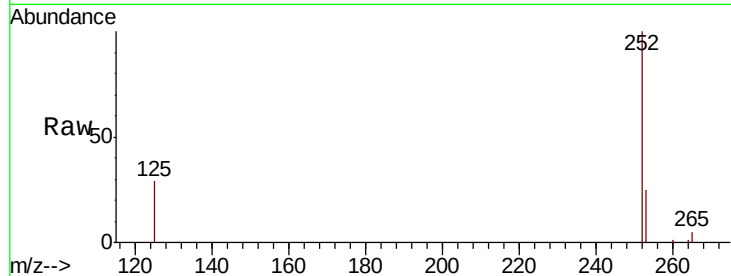
ClientSampleId :

A4234

Tot Ion:	252	Resp:	27521
Ion Ratio	Lower	Upper	
252	100		
253	24.5	20.3	30.5
125	29.4	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 1.160 ng/ul m

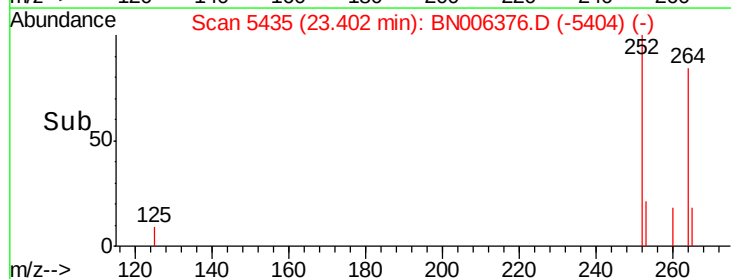
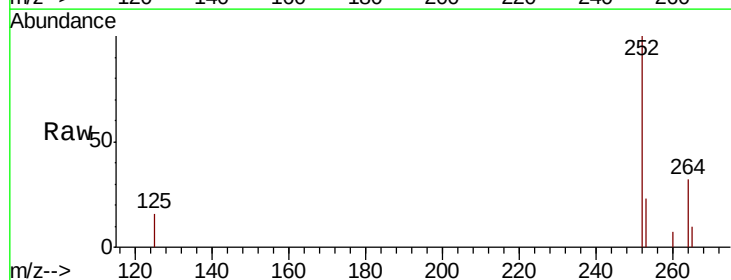
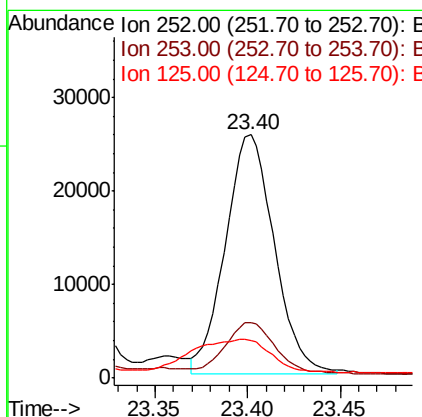
RT: 23.40 min Scan# 5435

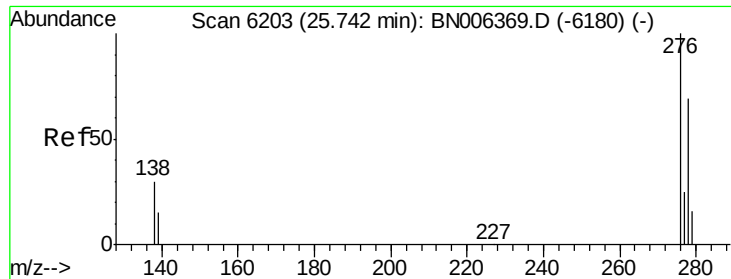
Delta R.T. -0.01 min

Lab File: BN006376.D

Acq: 18 Jun 2019 14:05

Tgt Ion:	252	Resp:	46947
Ion Ratio	Lower	Upper	
252	100		
253	23.0	21.1	31.7
125	15.6	20.3	30.5#





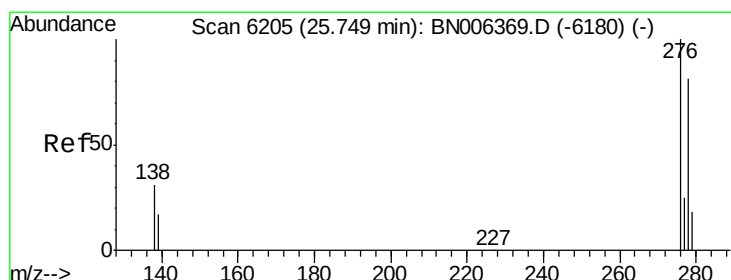
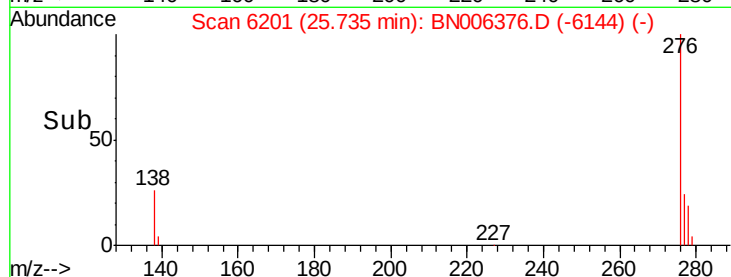
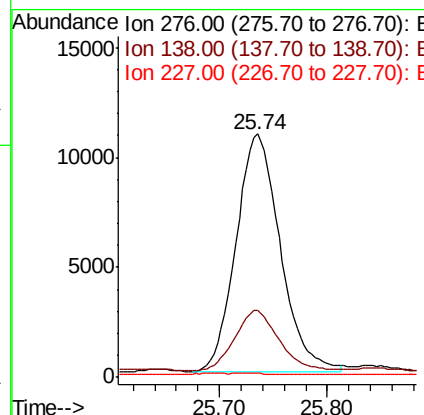
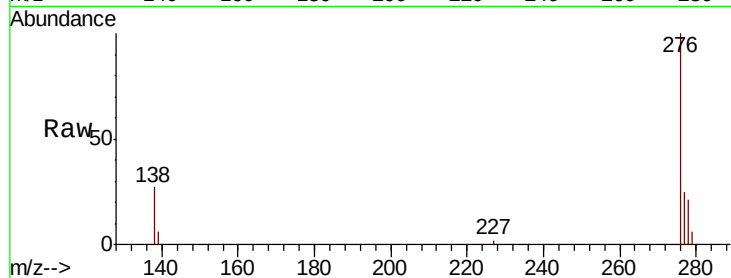
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.709 ng/ul m
 RT: 25.74 min Scan# 6201
 Delta R.T. -0.01 min
 Lab File: BN006376.D
 Acq: 18 Jun 2019 14:05

Instrument :
 BNA_N
 ClientSampleId :
 A4234

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.7	25.6	38.4#
227	0.0	0.3	0.5#

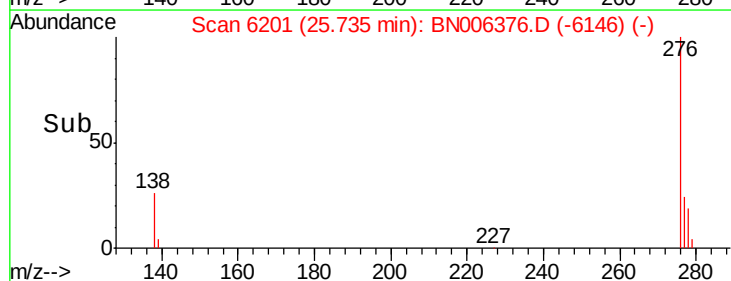
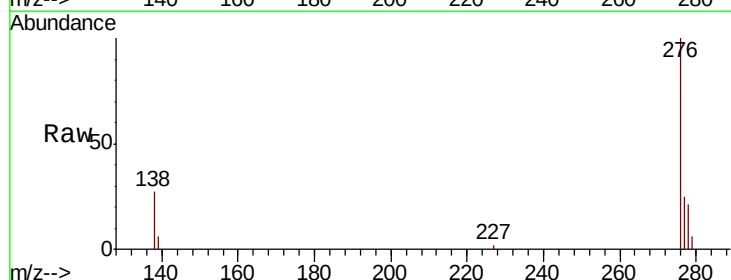
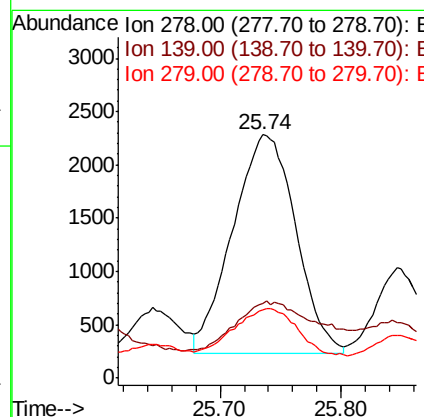
Manual Integrations
 APPROVED

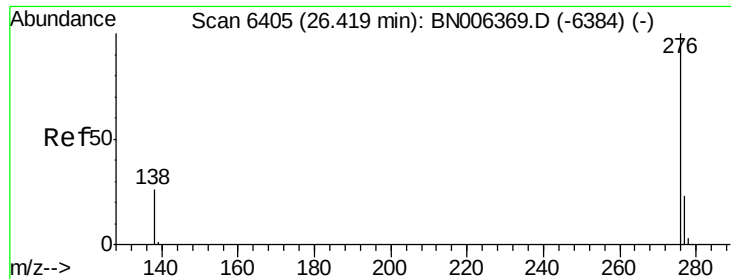
mohammad
 6/21/2019 8:38:57 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.213 ng/ul m
 RT: 25.74 min Scan# 6201
 Delta R.T. -0.02 min
 Lab File: BN006376.D
 Acq: 18 Jun 2019 14:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.6	21.2	31.8
279	28.2	22.6	33.8





#26
Benzo(a,h,i)perylene
Concen: 0.681 ng/ul m
RT: 26.42 min Scan# 6406
Delta R.T. -0.01 min
Lab File: BN006376.D
Acq: 18 Jun 2019 14:05

Instrument :
BNA_N
ClientSampleId :
A4234

Tot Ion:	276	Resp:	25001
Ion Ratio	Lower	Upper	
276	100		
138	27.4	24.2	36.4
277	24.9	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/21/2019 8:38:57 AM

