

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006215.D
 Acq On : 10 Jun 2019 10:36
 Operator : JU/SJ
 Sample : K3202-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2DL

Manual Integrations
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mohammad
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Quant Time: Jun 10 11:12:39 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5107	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19458	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10373	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	22014	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	17283	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	22875	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	493	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1113	0.02	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	17251	0.321	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	11239	0.300	ng/ul	100
7) Acenaphthylene	14.01	152	20725	0.359	ng/ul	99
8) Acenaphthene	14.36	153	22046	0.551	ng/ul	99
9) Fluorene	15.35	166	33732	0.721	ng/ul	97
12) Phenanthrene	17.09	178	448325	6.344	ng/ul	100
13) Anthracene	17.18	178	118559	1.757	ng/ul	99
15) Fluoranthene	19.12	202	490205	6.282	ng/ul	97
17) Pyrene	19.49	202	373932	4.107	ng/ul	99
18) Benzo(a)anthracene	21.25	228	229437	3.002	ng/ul	99
19) Chrysene	21.30	228	197642	2.754	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	220399m	2.311	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	99950m	1.076	ng/ul	
23) Benzo(a)pyrene	23.40	252	145692	1.640	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.72	276	84970	0.884	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.73	278	28118	0.366	ng/ul	96
26) Benzo(a,h,i)perylene	26.41	276	35788	0.444	ng/ul	96

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

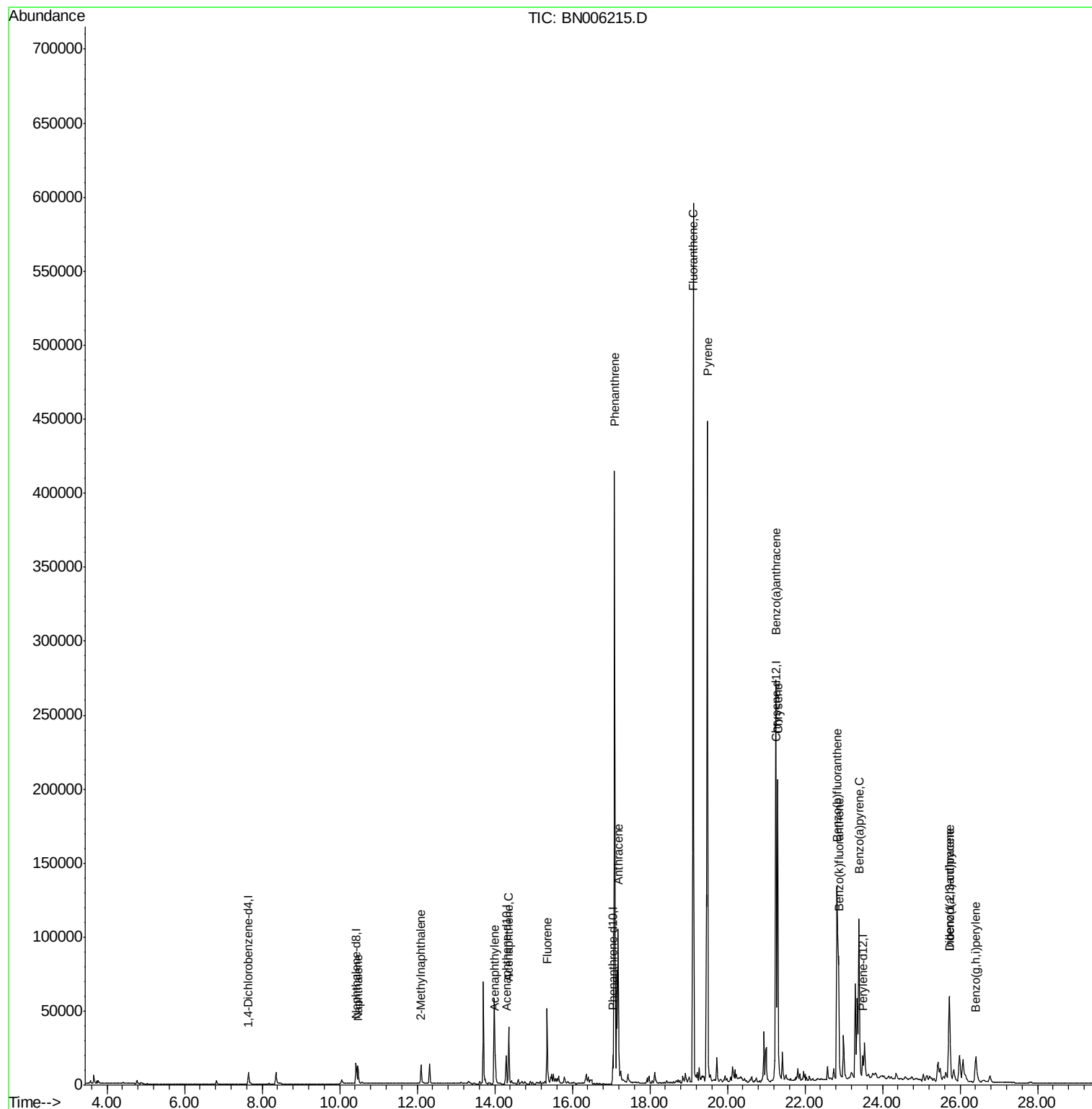
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
Data File : BN006215.D
Acq On : 10 Jun 2019 10:36
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Sample : K3202-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

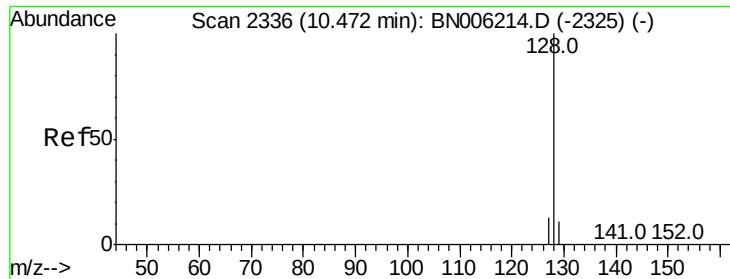
Instrument :
BNA_N
ClientSampleId :
C0AD2DL

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Quant Time: Jun 10 11:12:39 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.321 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006215.D

Acq: 10 Jun 2019 10:36

Instrument :

BNA_N

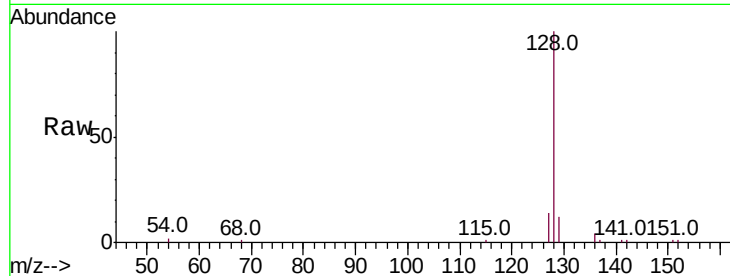
ClientSampleId :

C0AD2DL

Tot Ion:	128	Resp:	17251
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.3	13.9
127	13.6	10.7	16.1

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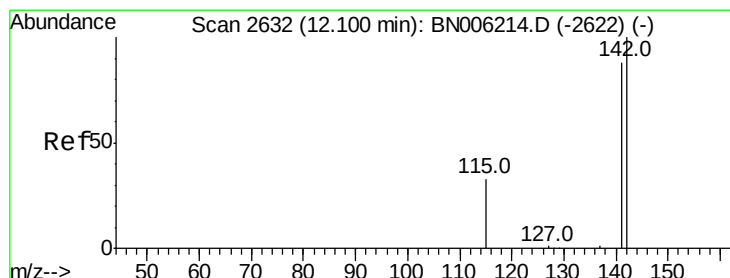
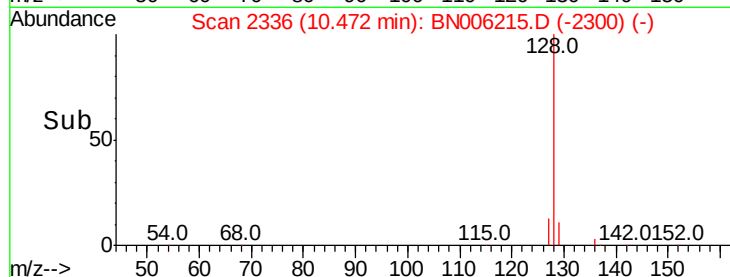
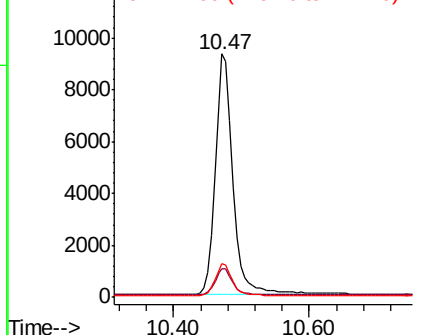


Abundance

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: 0.300 ng/ul

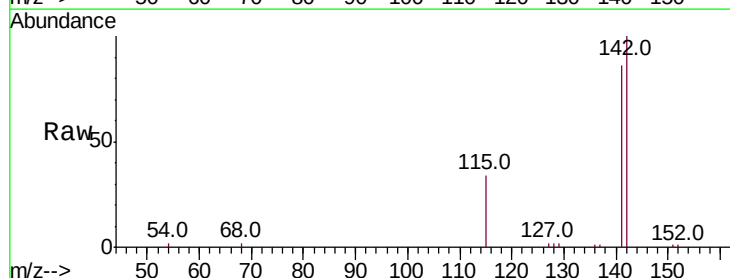
RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006215.D

Acq: 10 Jun 2019 10:36

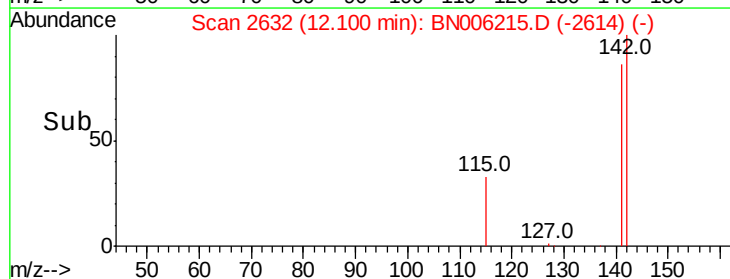
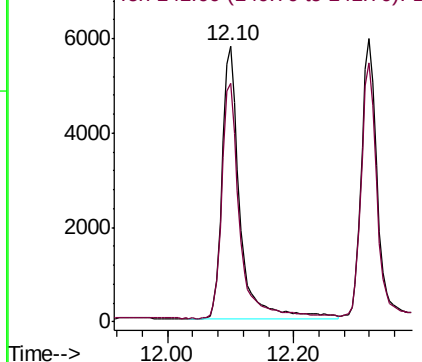
Tgt Ion:	142	Resp:	11239
Ion Ratio	Lower	Upper	
142	100		
141	87.9	70.3	105.5

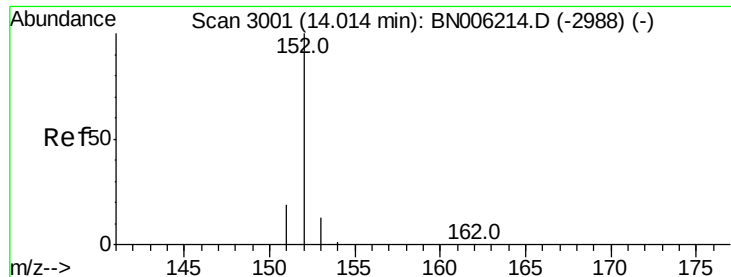


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.359 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006215.D

Acq: 10 Jun 2019 10:36

Instrument :

BNA_N

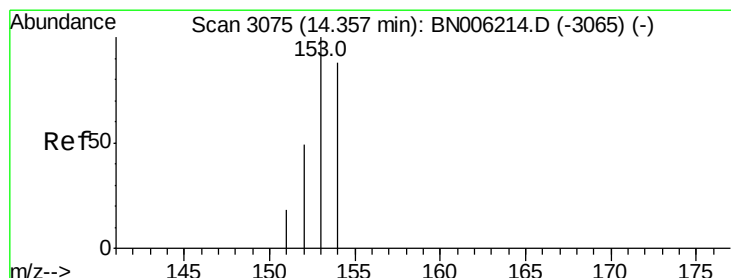
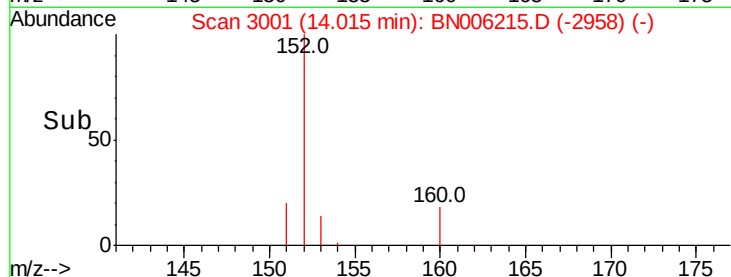
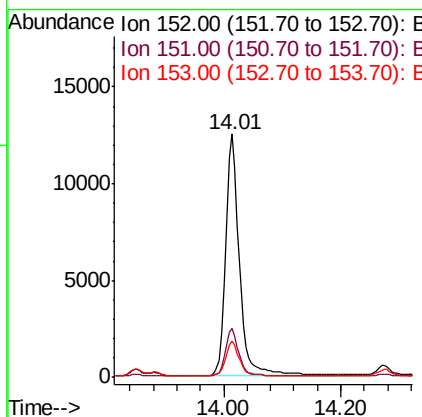
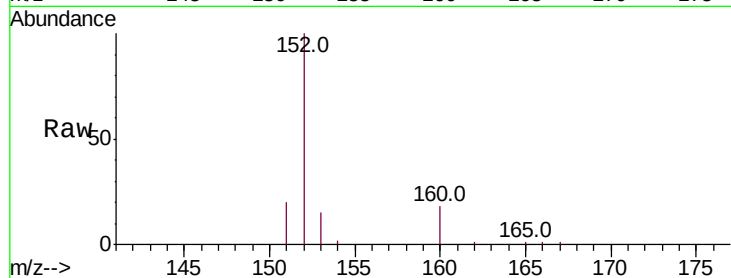
ClientSampleId :

C0AD2DL

Tot Ion:	152	Resp:	20725
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	14.8	10.8	16.2

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#8

Acenaphthene

Concen: 0.551 ng/ul

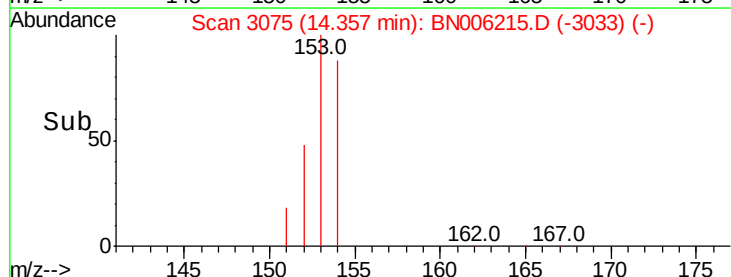
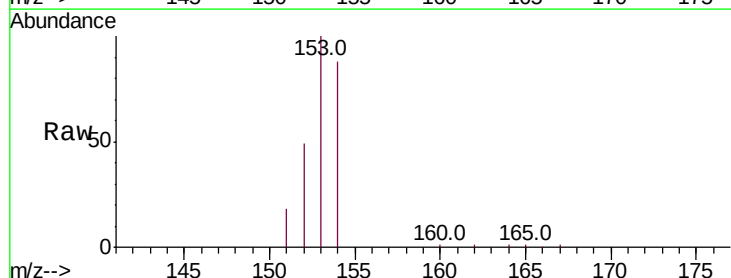
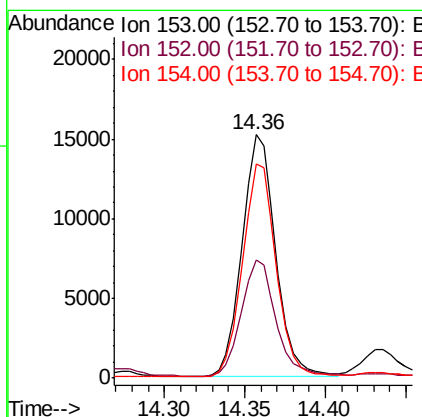
RT: 14.36 min Scan# 3075

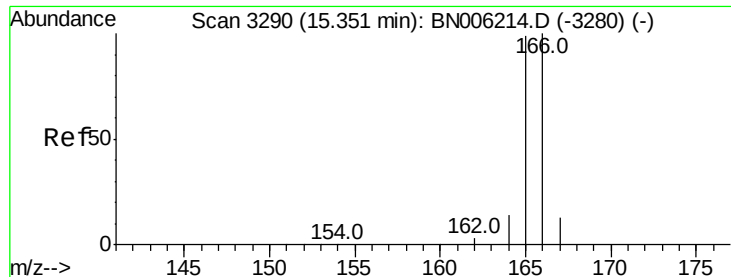
Delta R.T. -0.00 min

Lab File: BN006215.D

Acq: 10 Jun 2019 10:36

Tgt Ion:	153	Resp:	22046
Ion Ratio	Lower	Upper	
153	100		
152	48.7	39.1	58.7
154	87.8	71.1	106.7





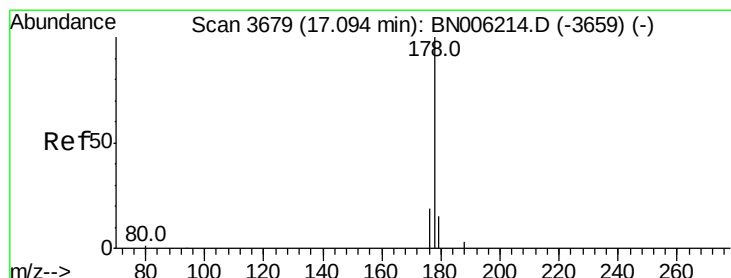
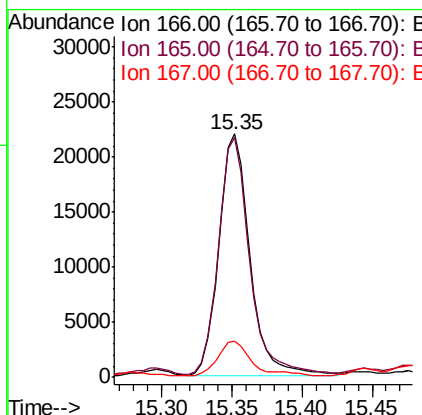
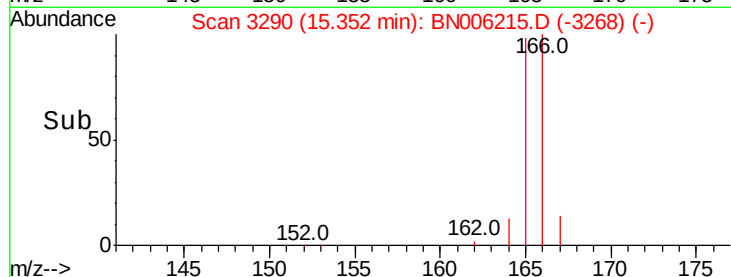
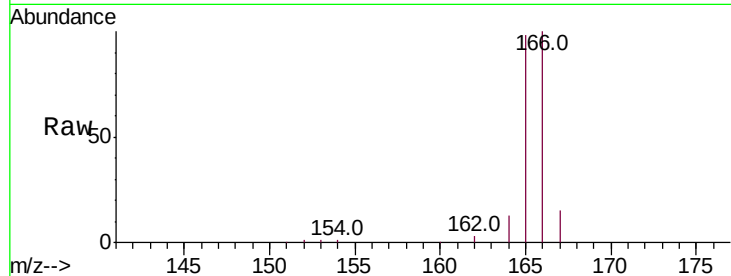
#9
Fluorene
Concen: 0.721 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006215.D
Acq: 10 Jun 2019 10:36

Instrument :
BNA_N
ClientSampleId :
C0AD2DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	76.4	114.6
167	15.1	11.0	16.6

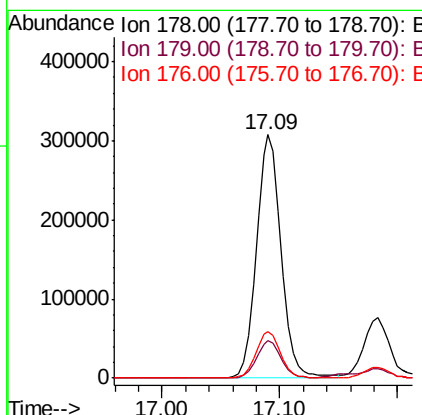
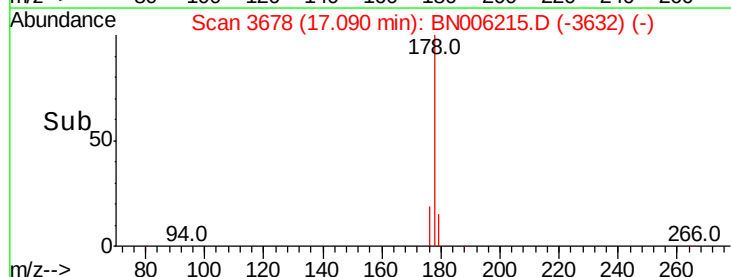
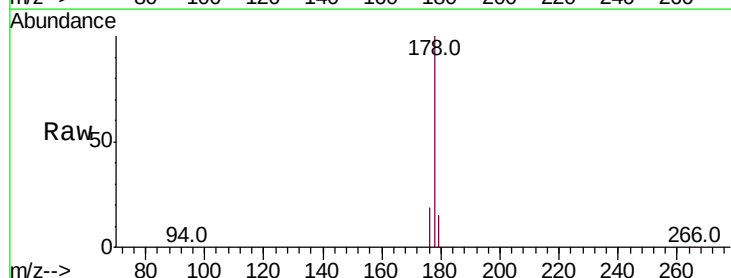
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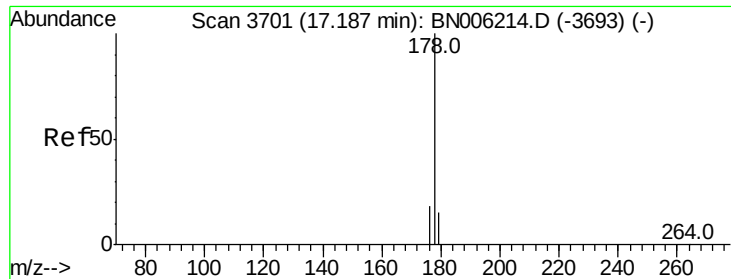
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#12
Phenanthrene
Concen: 6.344 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006215.D
Acq: 10 Jun 2019 10:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.3	22.9





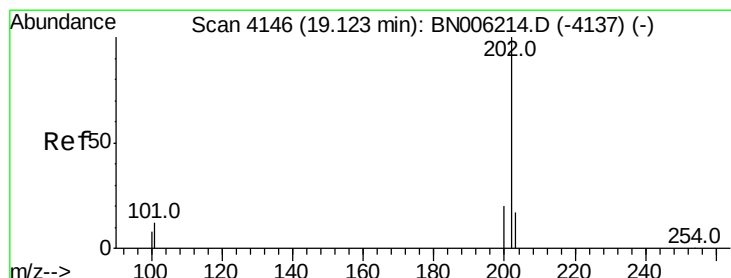
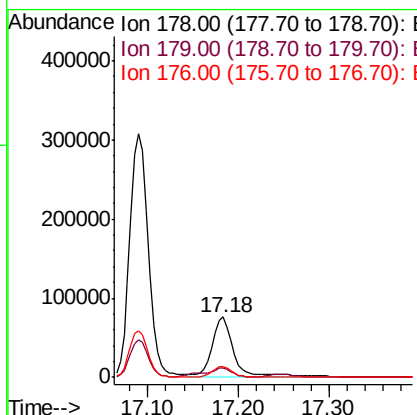
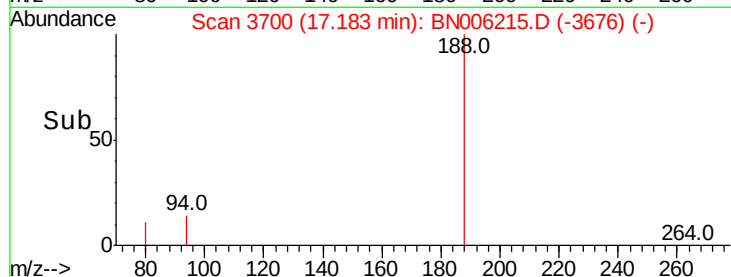
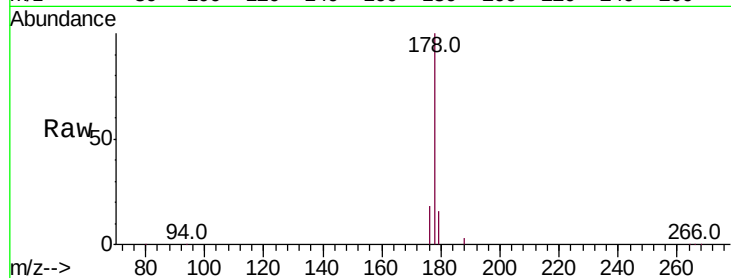
#13
 Anthracene
 Concen: 1.757 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006215.D
 Acq: 10 Jun 2019 10:36

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	18.4	15.1	22.7

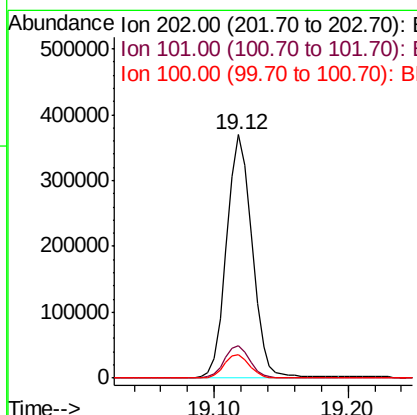
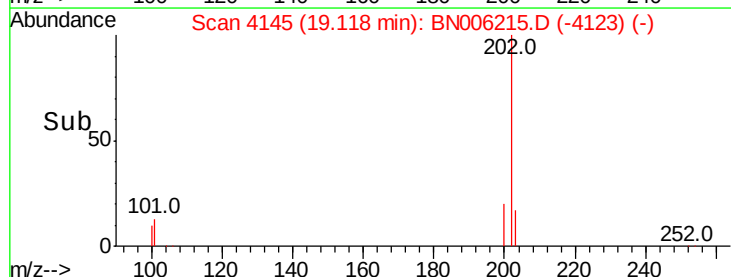
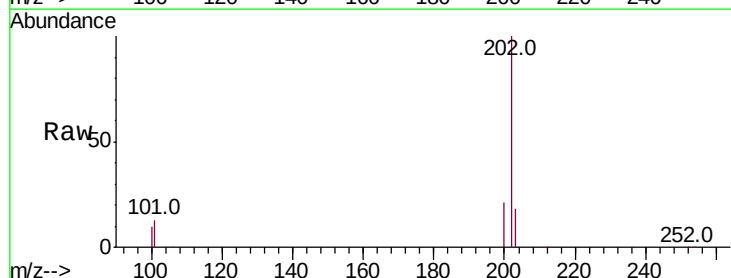
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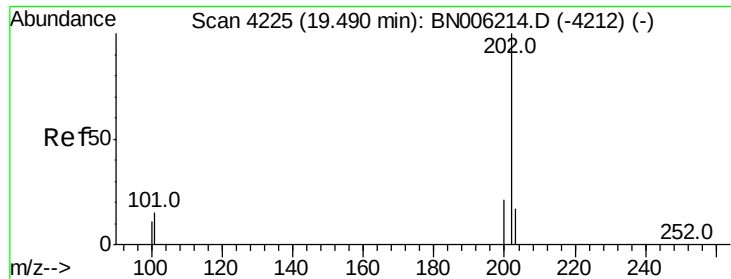
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#15
 Fluoranthene
 Concen: 6.282 ng/ul
 RT: 19.12 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN006215.D
 Acq: 10 Jun 2019 10:36

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





#17

Pvrene

Concen: 4.107 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006215.D

Acq: 10 Jun 2019 10:36

Instrument :

BNA_N

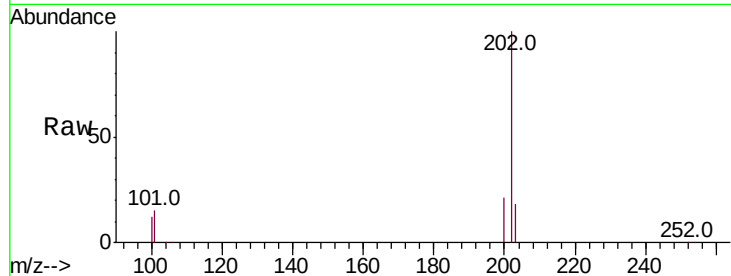
ClientSampleId :

C0AD2DL

Tot Ion:	202	Resp:	373932
Ion Ratio	Lower	Upper	
202	100		
101	15.0	12.2	18.2
100	11.8	9.8	14.6

Manual Integrations
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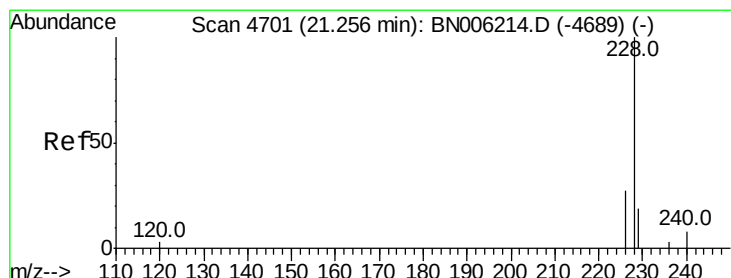
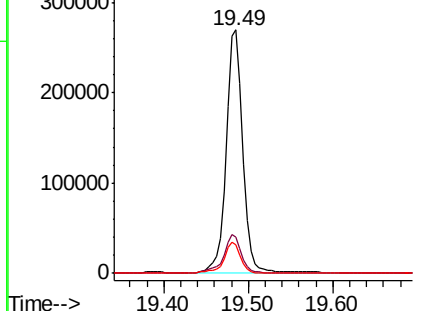
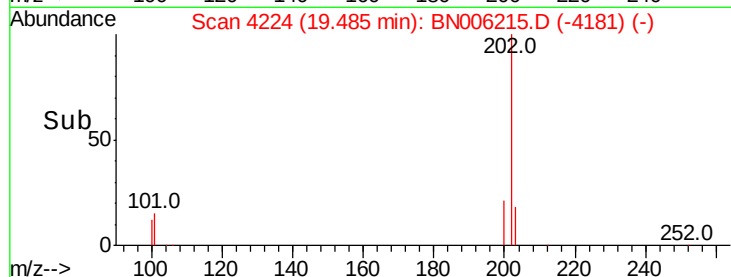
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 3.002 ng/ul

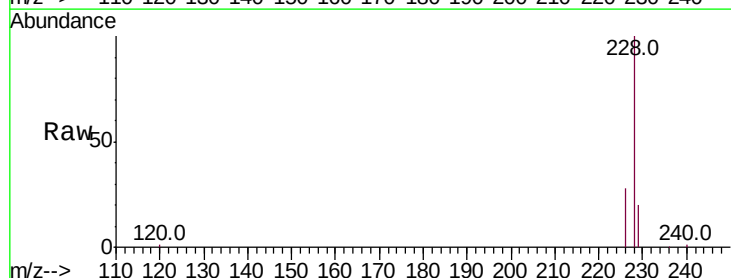
RT: 21.25 min Scan# 4698

Delta R.T. -0.00 min

Lab File: BN006215.D

Acq: 10 Jun 2019 10:36

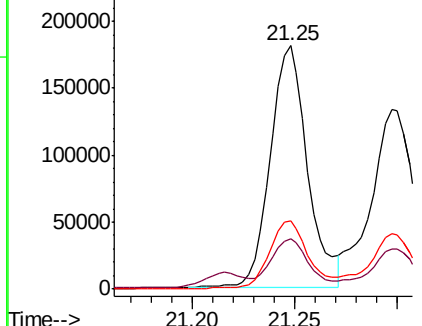
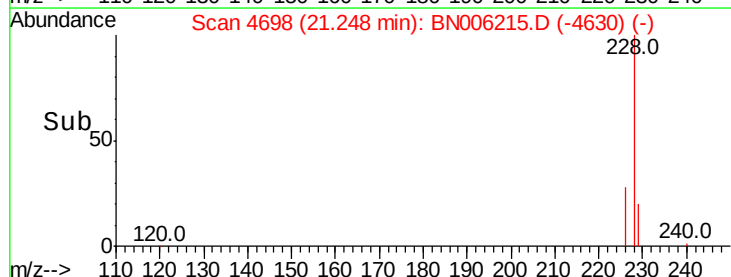
Tgt Ion:	228	Resp:	229437
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.5	24.7
226	28.0	22.8	34.2

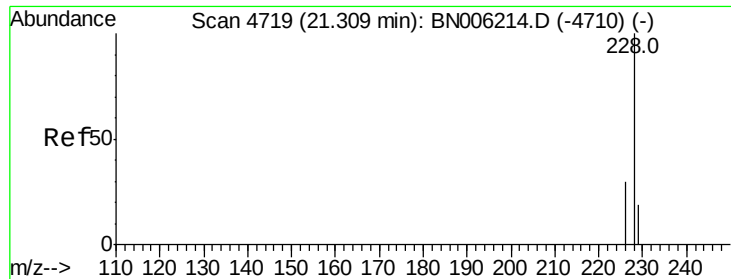


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.754 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006215.D

Acq: 10 Jun 2019 10:36

Instrument :

BNA_N

ClientSampled :

C0AD2DL

Tot Ion:228 Resp: 197642

Ion Ratio Lower Upper

228 100

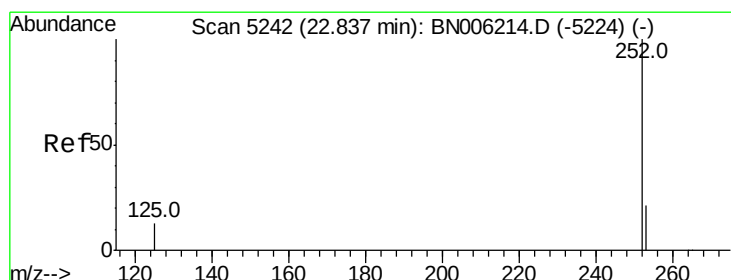
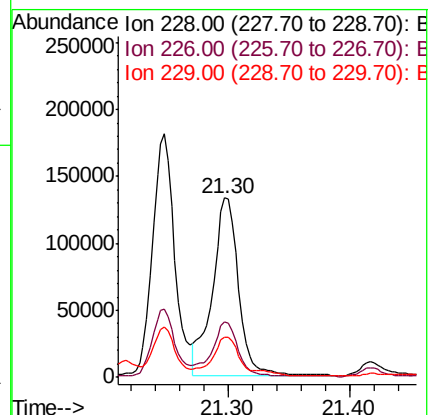
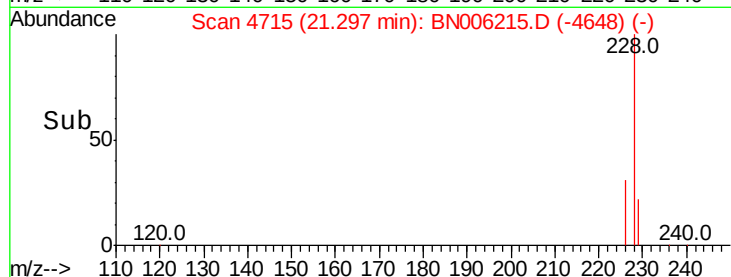
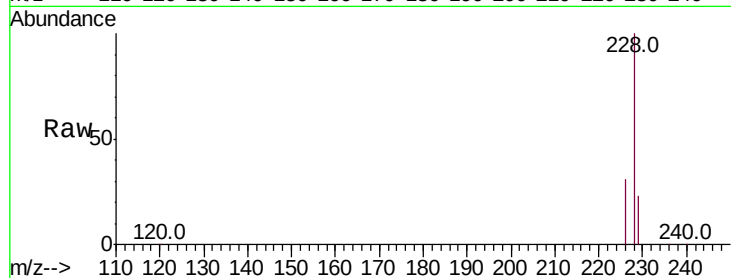
226 30.7 25.0 37.6

229 22.7 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 2.311 ng/ul m

RT: 22.83 min Scan# 5239

Delta R.T. 0.01 min

Lab File: BN006215.D

Acq: 10 Jun 2019 10:36

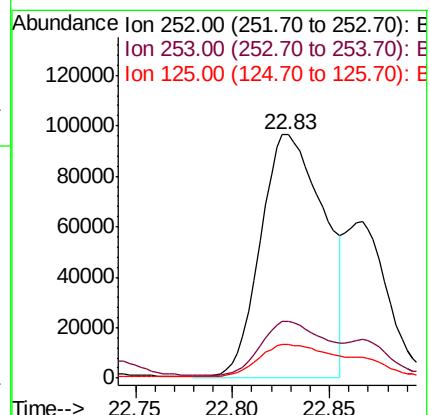
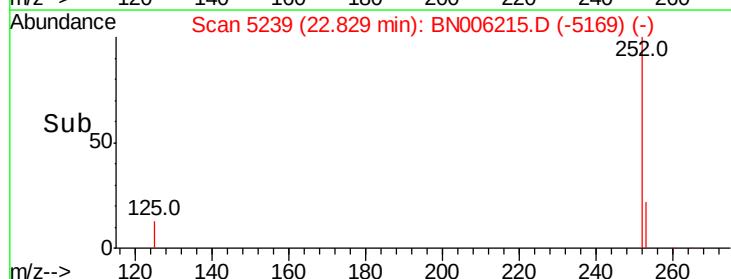
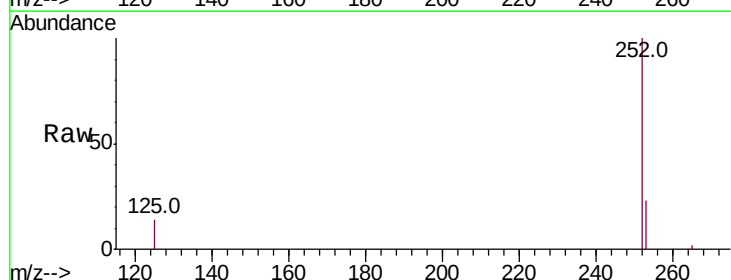
Tgt Ion:252 Resp: 220399

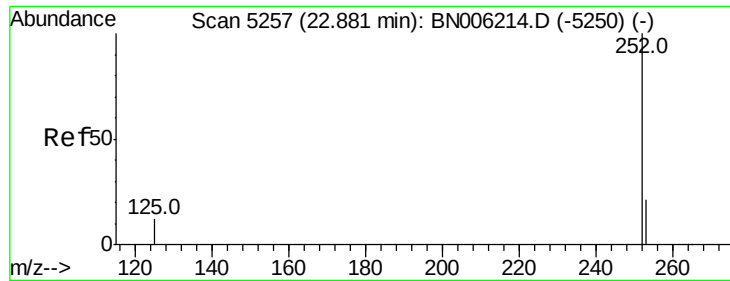
Ion Ratio Lower Upper

252 100

253 23.1 0.0 51.4

125 13.7 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 1.076 ng/ul m

RT: 22.87 min Scan# 5252

Delta R.T. -0.00 min

Lab File: BN006215.D

Acq: 10 Jun 2019 10:36

Instrument :

BNA_N

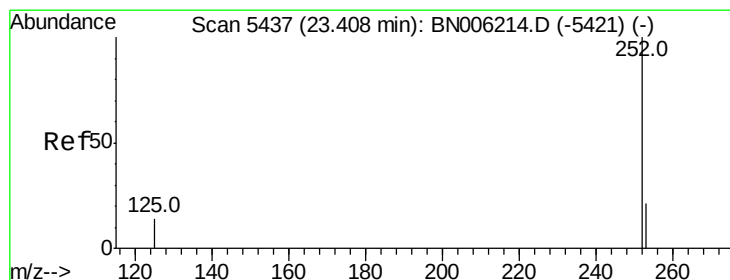
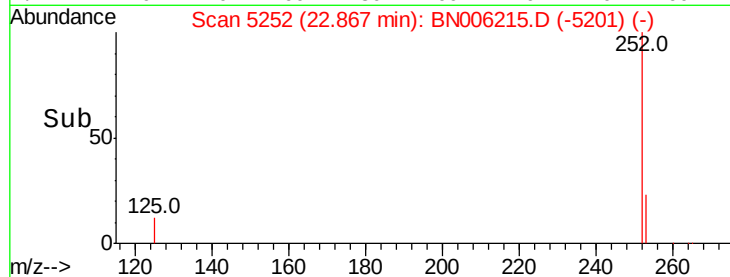
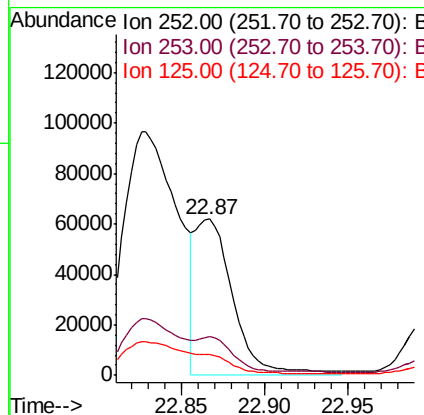
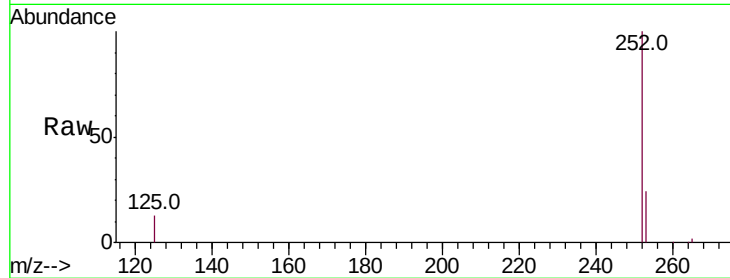
ClientSampleId :

C0AD2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.3	30.5
125	13.2	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 1.640 ng/ul

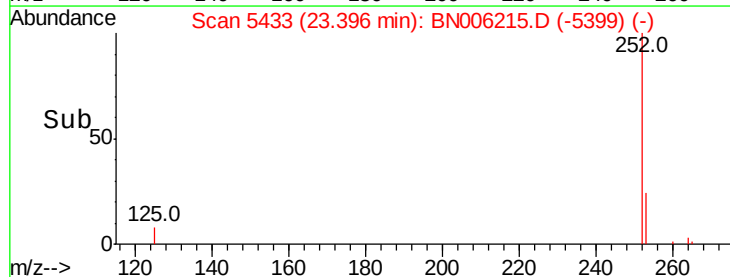
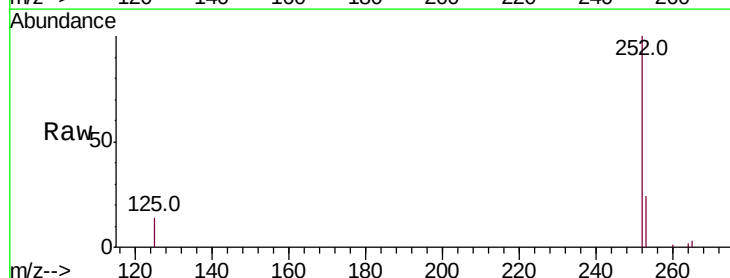
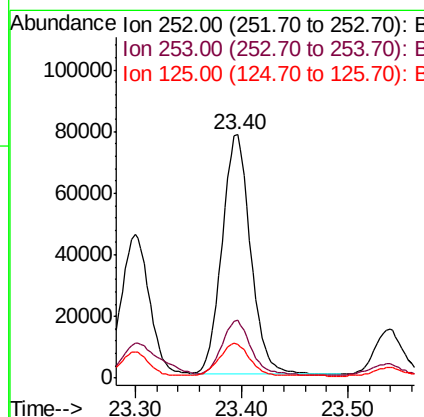
RT: 23.40 min Scan# 5433

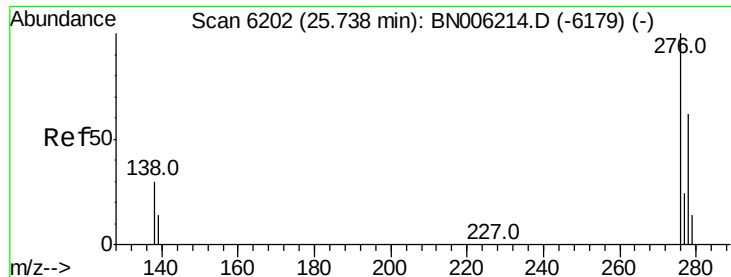
Delta R.T. -0.00 min

Lab File: BN006215.D

Acq: 10 Jun 2019 10:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	21.1	31.7
125	14.1	20.3	30.5#





#24

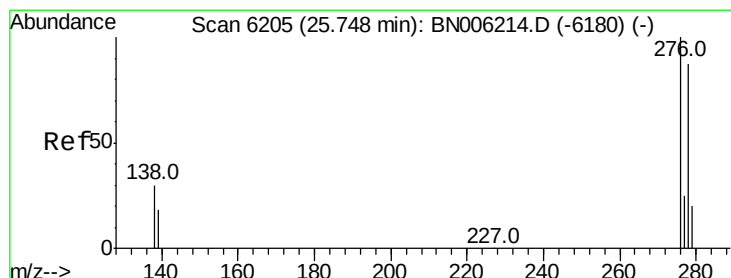
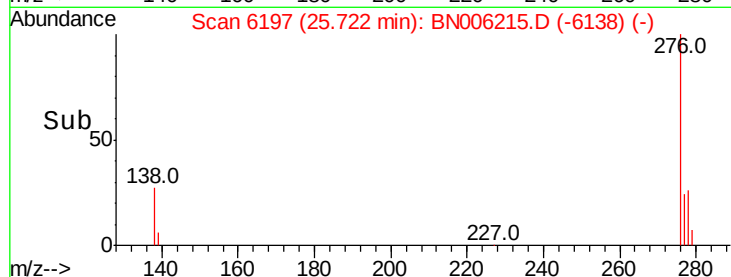
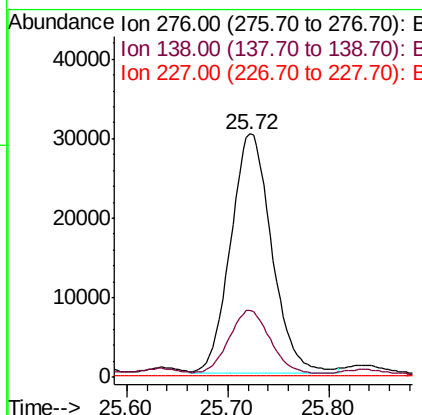
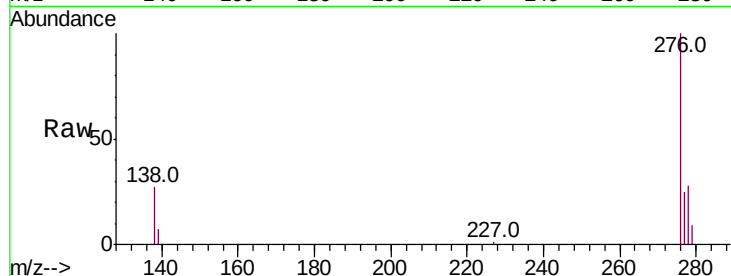
Indeno(1,2,3-cd)pyrene
Concen: 0.884 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.00 min
Lab File: BN006215.D
Acq: 10 Jun 2019 10:36

Instrument :
BNA_N
ClientSampleId :
C0AD2DL

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

Manual Integrations
APPROVED

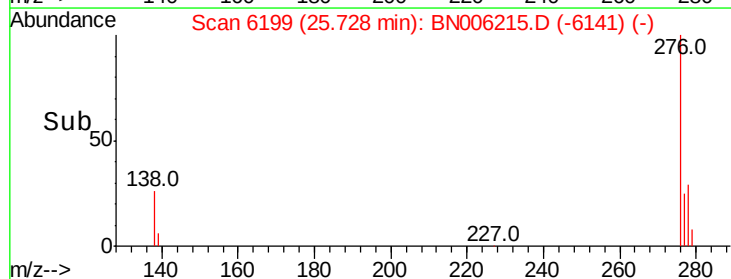
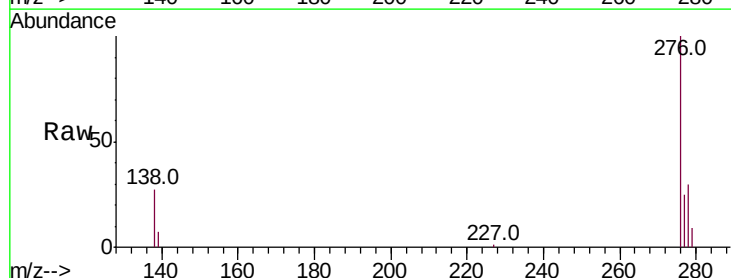
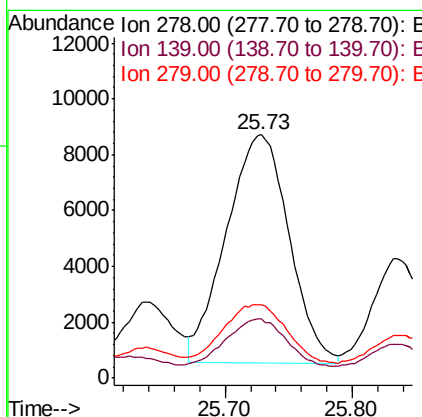
mohammad
6/11/2019 4:27:32 PM

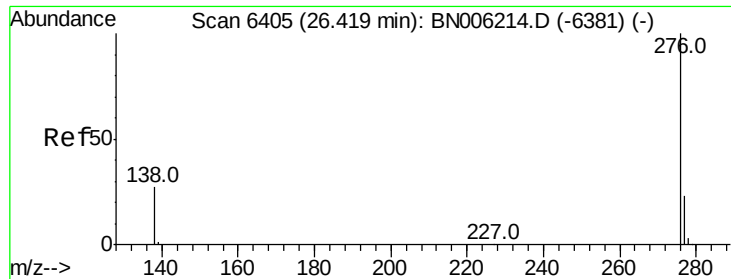


#25

Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.01 min
Lab File: BN006215.D
Acq: 10 Jun 2019 10:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.1	21.2	31.8
279	30.3	22.6	33.8





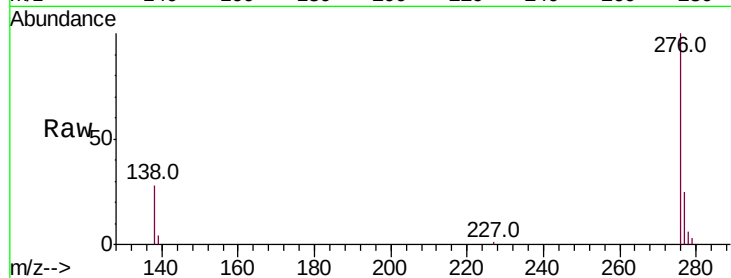
#26
 Benzo(a,h,i)perylene
 Concen: 0.444 ng/ul
 RT: 26.41 min Scan# 6401
 Delta R.T. 0.00 min
 Lab File: BN006215.D
 Acq: 10 Jun 2019 10:36

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	24.2	36.4
277	25.1	21.5	32.3

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:27:32 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

