

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006156.D
 Acq On : 07 Jun 2019 04:05
 Operator : JU/SJ
 Sample : K3016-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51D9

Manual Integrations
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Quant Time: Jun 07 05:03:00 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4862	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18007	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9660	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20739m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	17896m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	16164m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	4396	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11005m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	2414	0.049	ng/ul#	86
5) 2-Methylnaphthalene	12.10	142	1091	0.032	ng/ul	92
7) Acenaphthylene	14.02	152	26090	0.486	ng/ul	100
8) Acenaphthene	14.36	153	3580	0.096	ng/ul	98
9) Fluorene	15.35	166	6944	0.159	ng/ul#	95
12) Phenanthrene	17.09	178	132765m	1.994	ng/ul	
13) Anthracene	17.18	178	38445m	0.605	ng/ul	
15) Fluoranthene	19.12	202	294148m	4.001	ng/ul	
17) Pyrene	19.49	202	257637	2.733	ng/ul	99
18) Benzo(a)anthracene	21.25	228	138816m	1.754	ng/ul	
19) Chrysene	21.30	228	145072	1.952	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	175592m	2.605	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	69501m	1.059	ng/ul	
23) Benzo(a)pyrene	23.40	252	117843	1.877	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.73	276	80939	1.191	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.73	278	21731	0.400	ng/ul	95
26) Benzo(a,h,i)perylene	26.41	276	64856	1.140	ng/ul	96

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

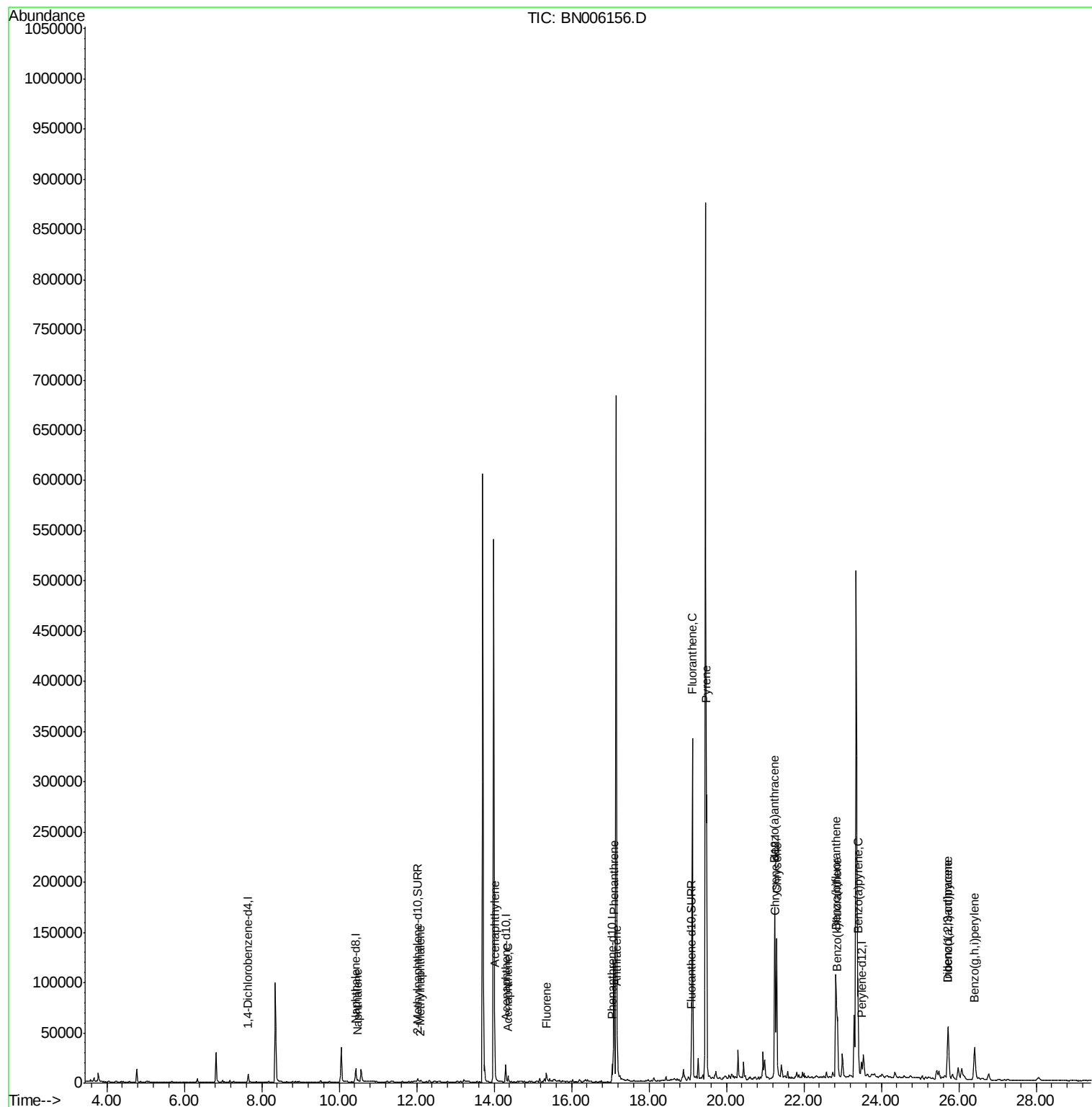
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006156.D
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ALS Vial : 22 Sample Multiplier: 1

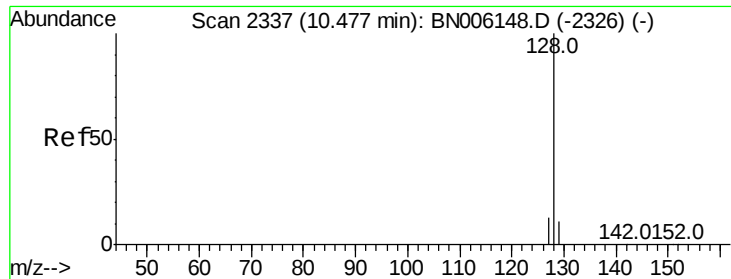
Instrument :
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A51D9

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Quant Time: Jun 07 05:03:00 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.049 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006156.D

Acq: 07 Jun 2019 04:05

Instrument :

BNA_N

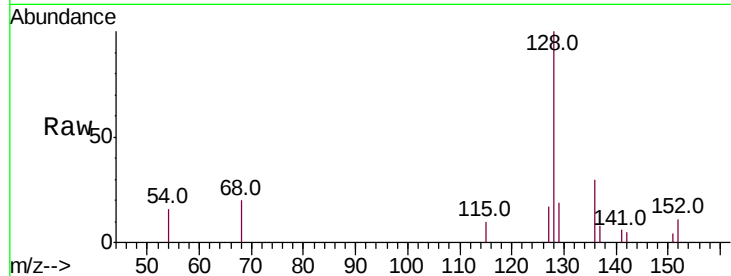
ClientSampleId :

A51D9

Tot Ion:	128	Resp:	2414
Ion Ratio	Lower	Upper	
128	100		
129	19.3	9.3	13.9#
127	16.7	10.7	16.1#

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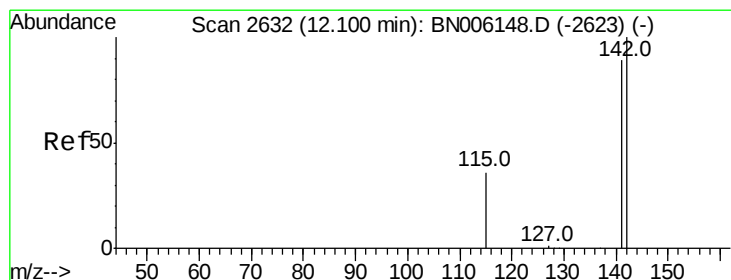
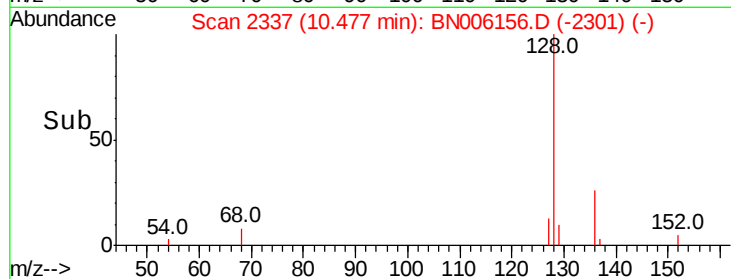
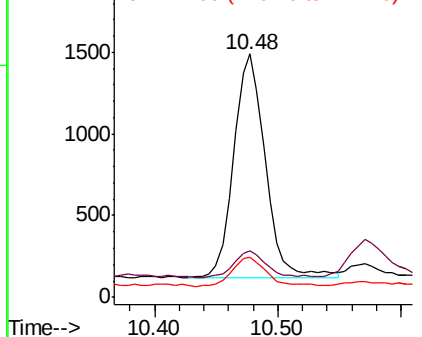
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Abundance Ion 128.00 (127.70 to 128.70): E

2000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

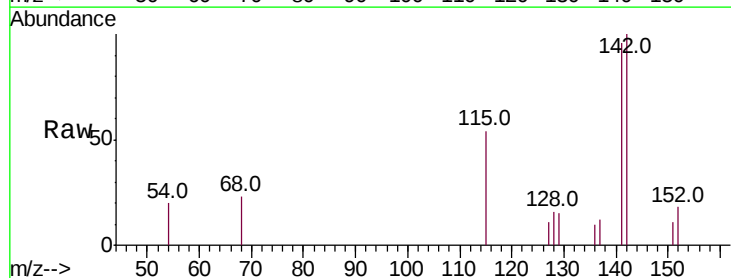
RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006156.D

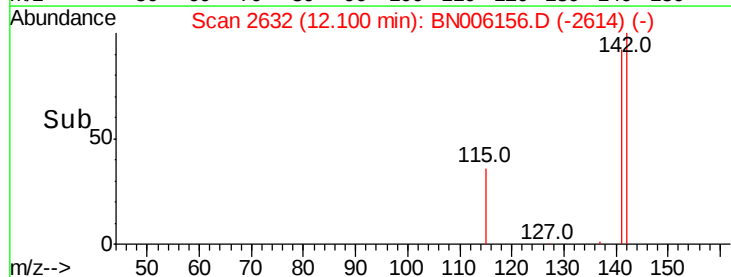
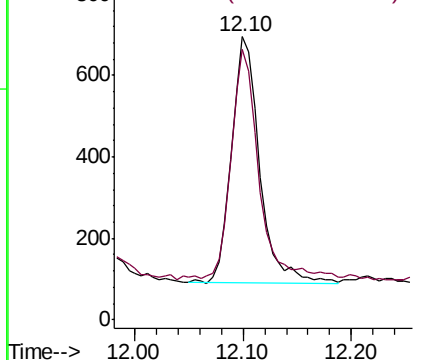
Acq: 07 Jun 2019 04:05

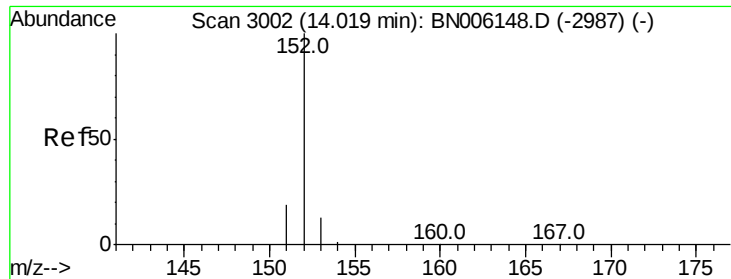
Tgt Ion:	142	Resp:	1091
Ion Ratio	Lower	Upper	
142	100		
141	95.3	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

800 Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.486 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006156.D

Acq: 07 Jun 2019 04:05

Instrument :

BNA_N

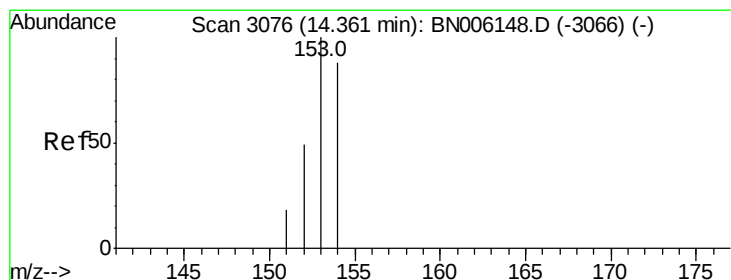
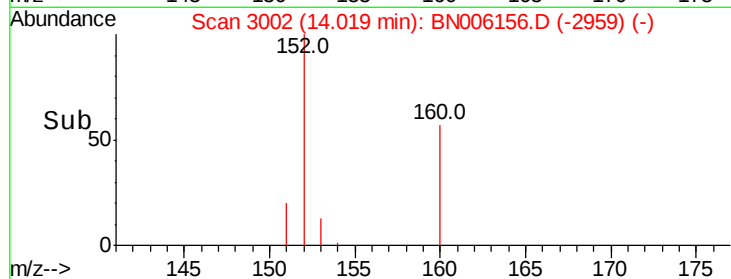
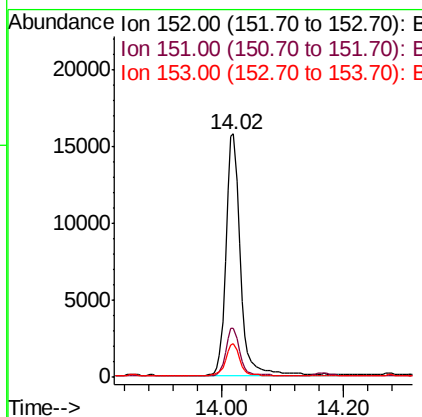
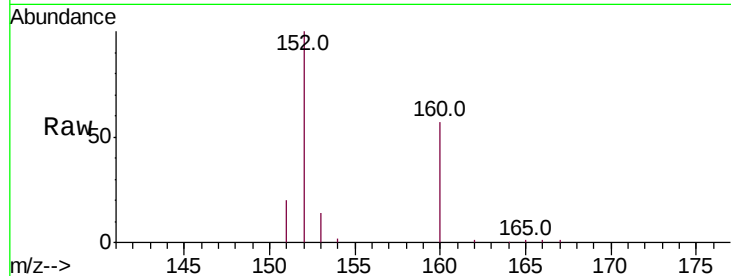
ClientSampleId :

A51D9

Tot Ion:	152	Resp:	26090
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	13.6	10.8	16.2

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#8

Acenaphthene

Concen: 0.096 ng/ul

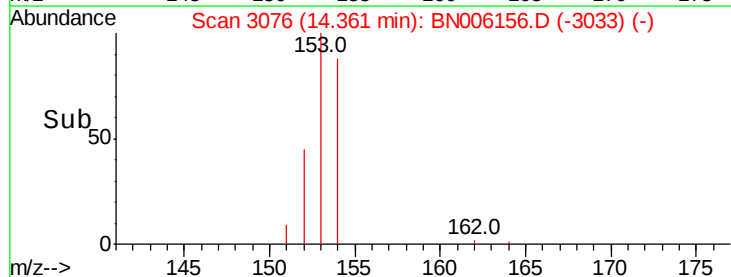
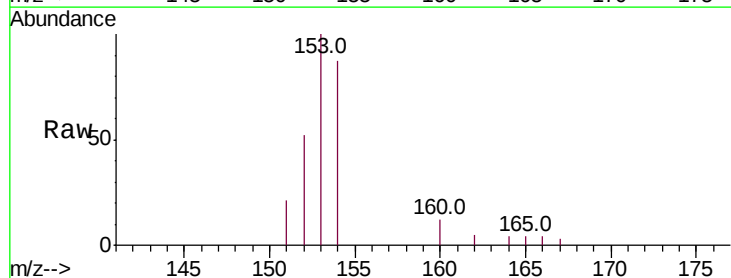
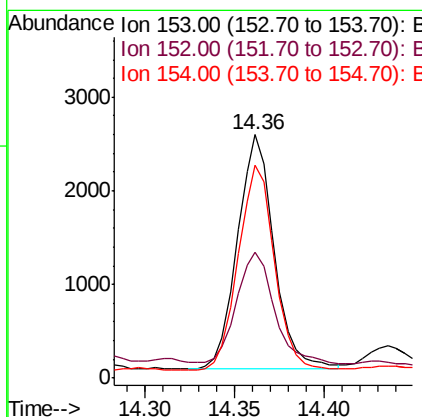
RT: 14.36 min Scan# 3076

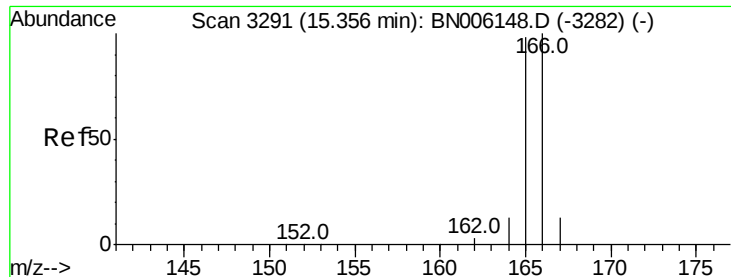
Delta R.T. -0.00 min

Lab File: BN006156.D

Acq: 07 Jun 2019 04:05

Tgt Ion:	153	Resp:	3580
Ion Ratio	Lower	Upper	
153	100		
152	51.8	39.1	58.7
154	87.5	71.1	106.7





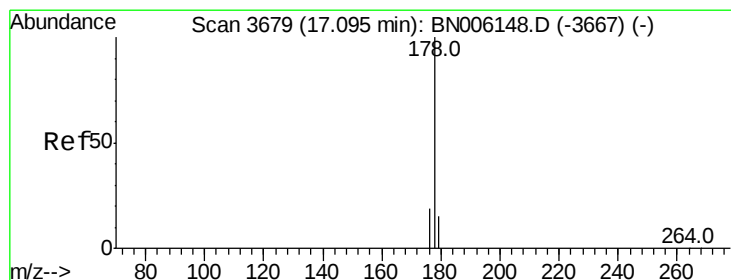
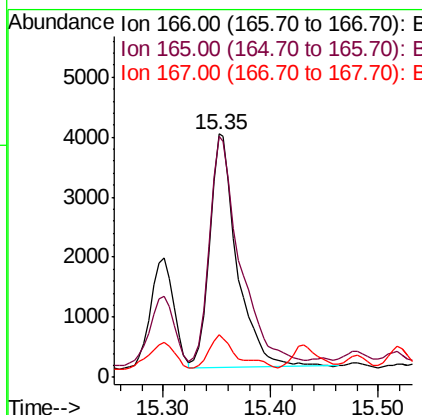
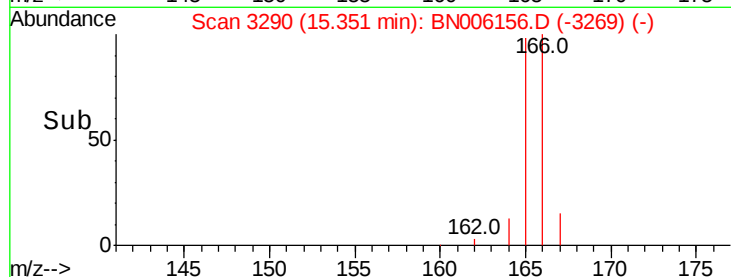
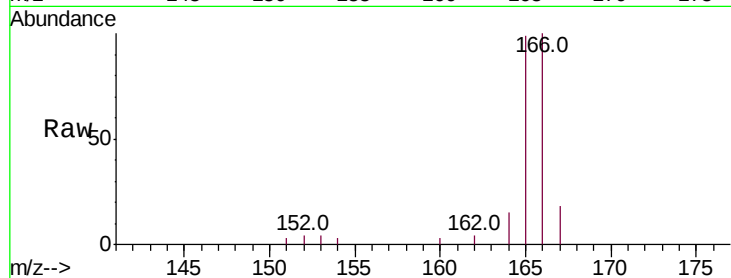
#9
Fluorene
 Concen: 0.159 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006156.D
 Acq: 07 Jun 2019 04:05

Instrument :
 BNA_N
 ClientSampleID :
 A51D9

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	76.4	114.6
167	17.5	11.0	16.6#

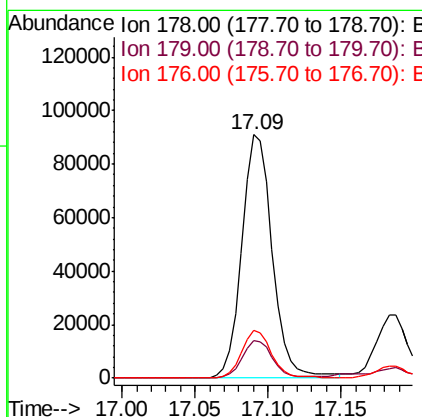
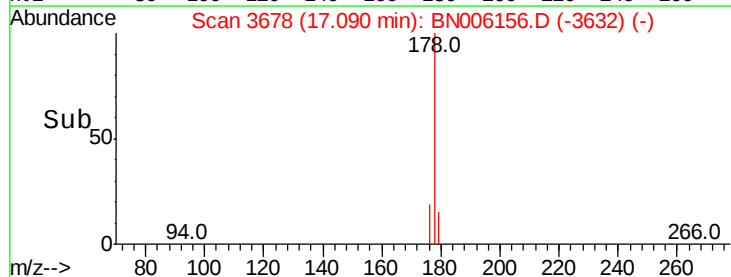
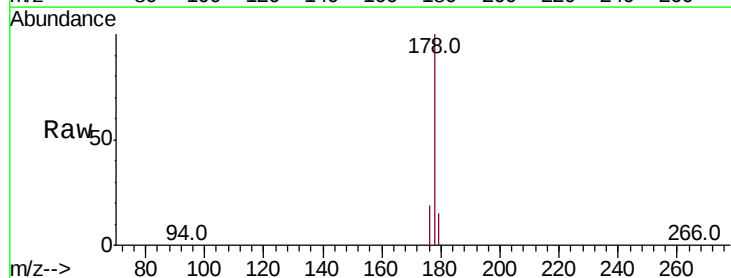
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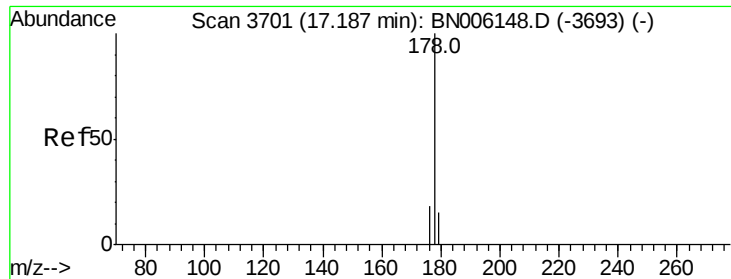
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#12
Phenanthrene
 Concen: 1.994 ng/ul m
 RT: 17.09 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN006156.D
 Acq: 07 Jun 2019 04:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.4	15.3	22.9





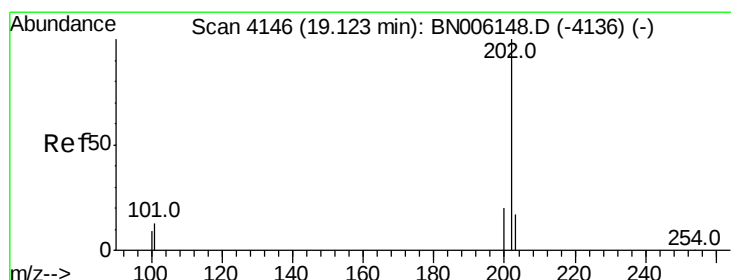
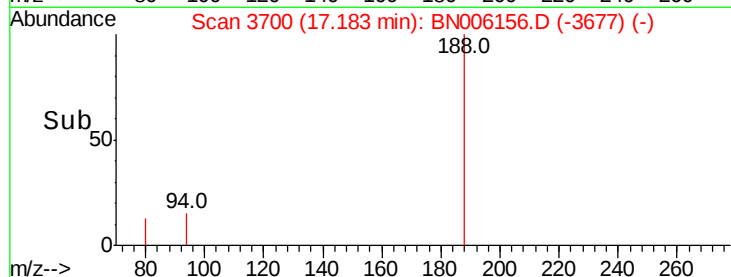
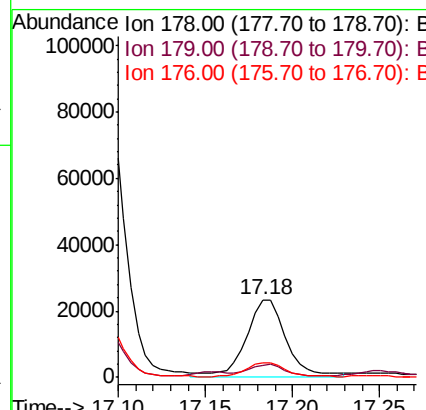
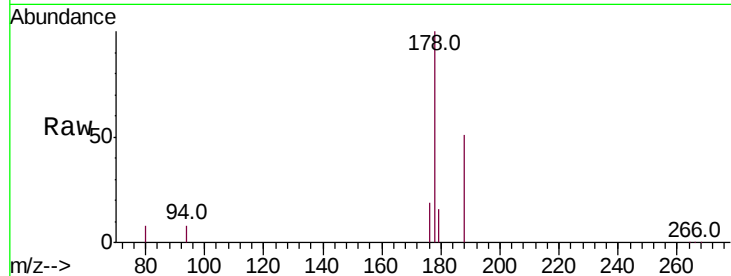
#13
 Anthracene
 Concen: 0.605 ng/ul m
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006156.D
 Acq: 07 Jun 2019 04:05

Instrument :
 BNA_N
 ClientSampled :
 A51D9

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	19.0	15.1	22.7

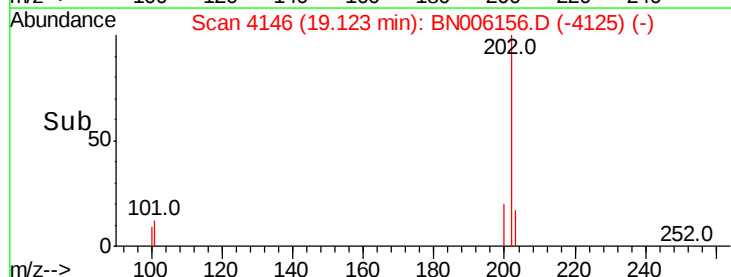
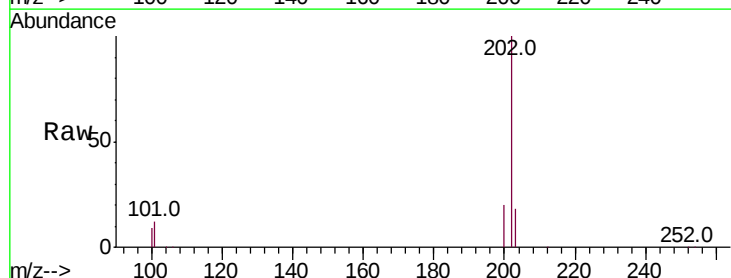
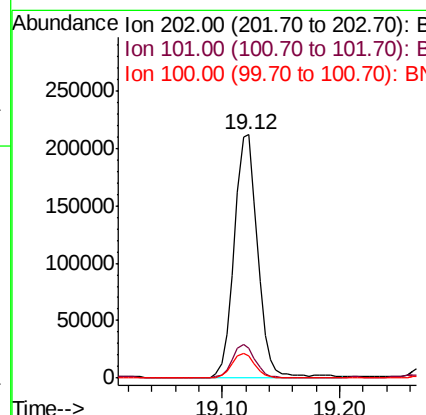
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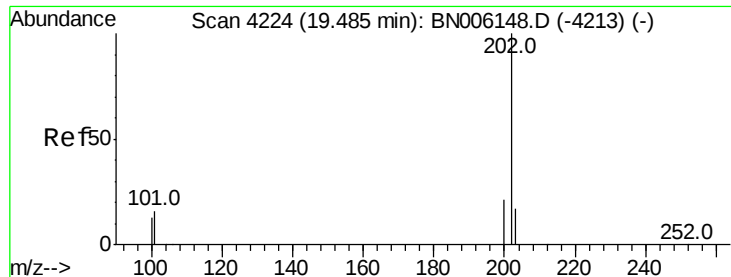
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#15
 Fluoranthene
 Concen: 4.001 ng/ul m
 RT: 19.12 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN006156.D
 Acq: 07 Jun 2019 04:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.1
100	8.9	0.0	28.7





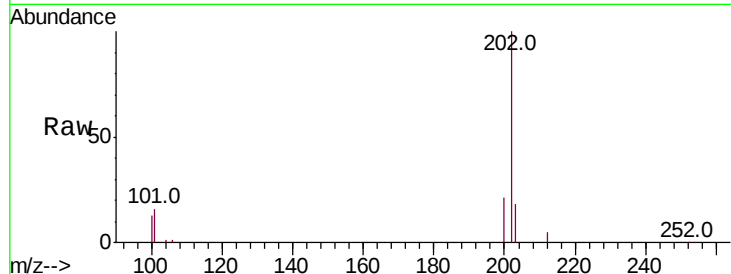
#17
Pvrene
Concen: 2.733 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006156.D
Acq: 07 Jun 2019 04:05

Instrument :
BNA_N
ClientSampleId :
A51D9

Tot Ion	Ratio	Resp	Lower	Upper
202	100	257637		
101	15.7		12.2	18.2
100	12.6		9.8	14.6

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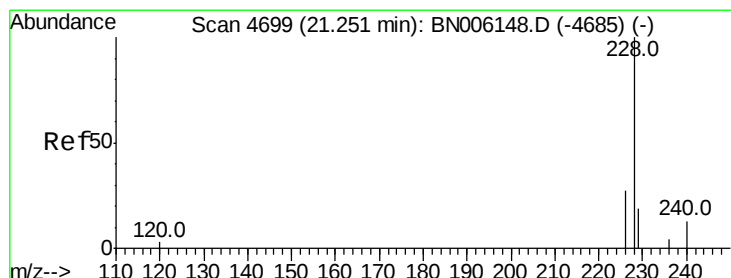
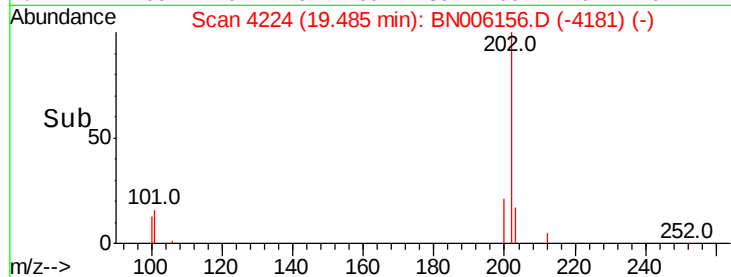
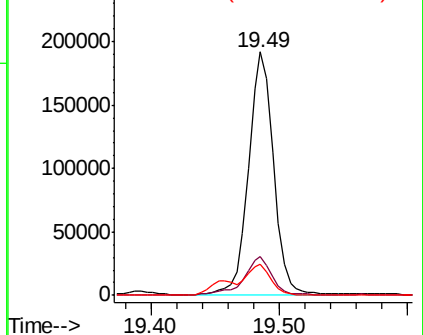


Abundance

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: 1.754 ng/ul m
RT: 21.25 min Scan# 4697
Delta R.T. -0.00 min
Lab File: BN006156.D
Acq: 07 Jun 2019 04:05

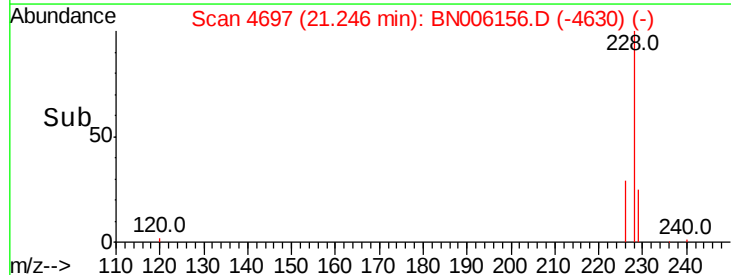
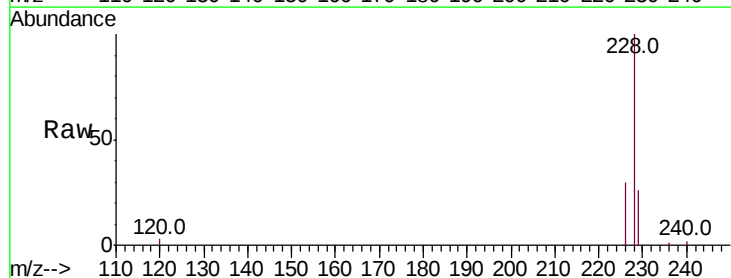
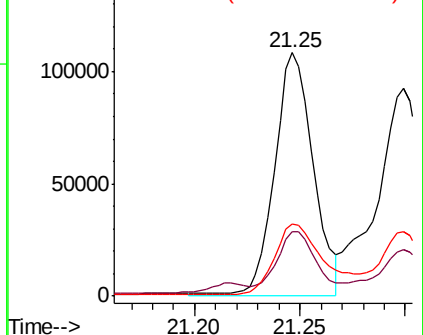
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	138816		
229	26.3		16.5	24.7#
226	29.7		22.8	34.2

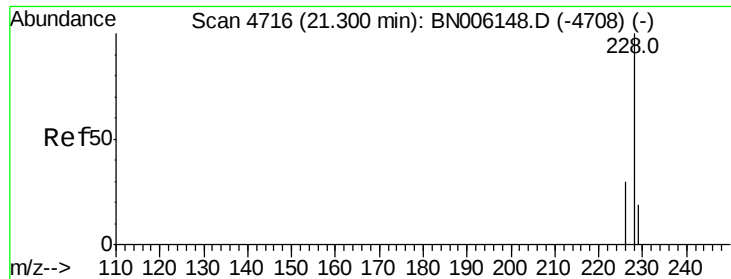
Abundance

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: 1.952 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006156.D

Acq: 07 Jun 2019 04:05

Instrument :

BNA_N

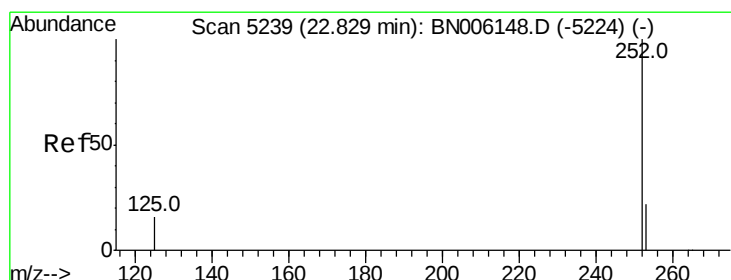
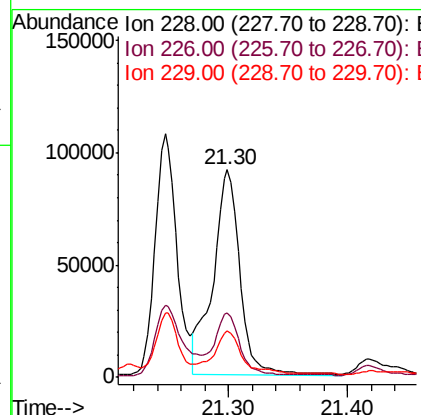
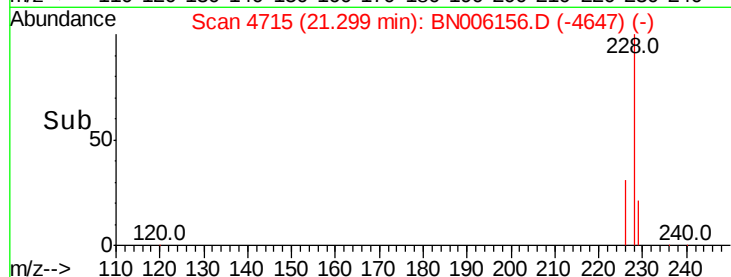
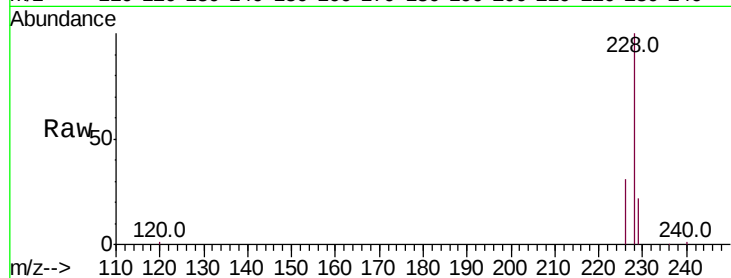
ClientSampleId :

A51D9

Tot Ion:	228	Resp:	145072
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	22.4	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 2.605 ng/ul m

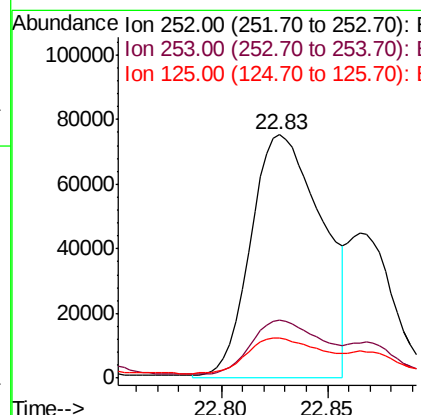
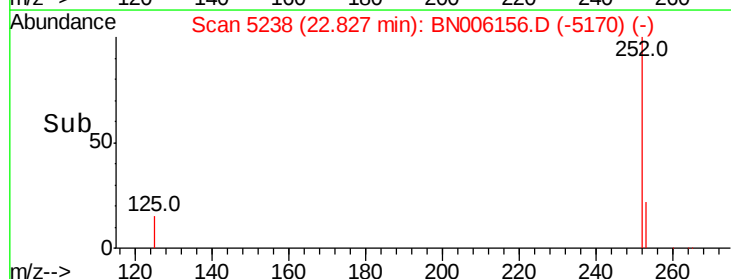
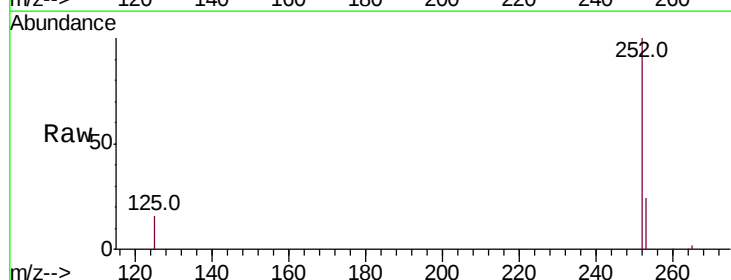
RT: 22.83 min Scan# 5238

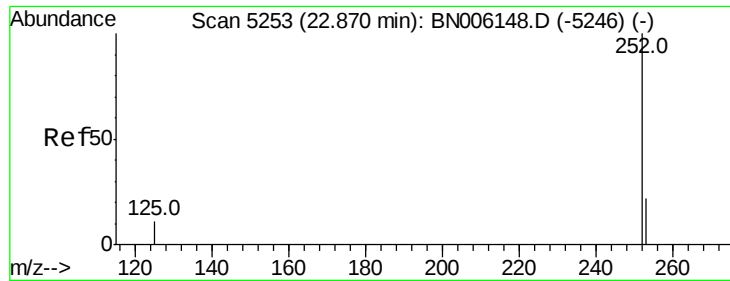
Delta R.T. -0.00 min

Lab File: BN006156.D

Acq: 07 Jun 2019 04:05

Tgt Ion:	252	Resp:	175592
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	51.4
125	16.4	0.0	41.0





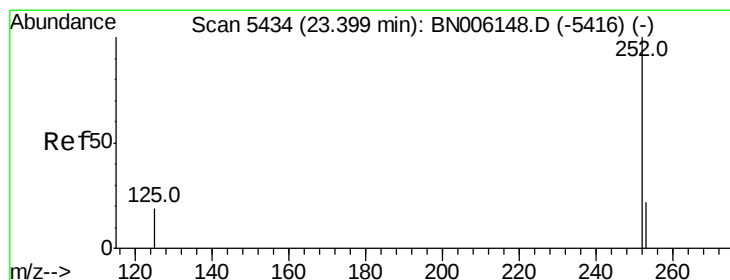
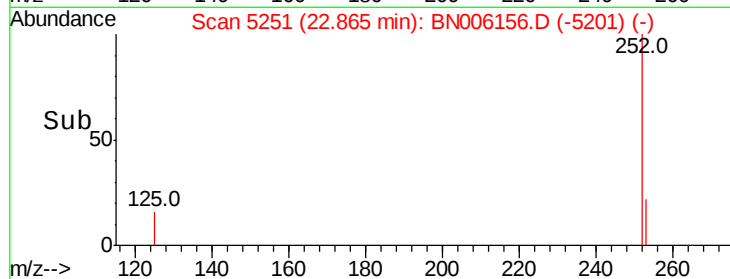
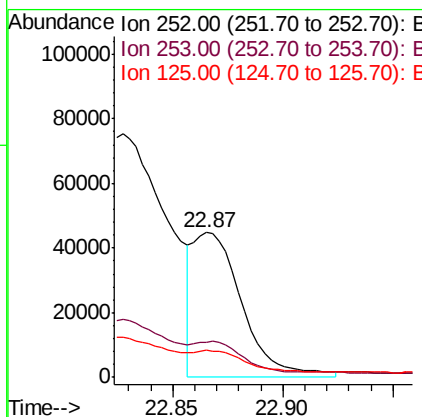
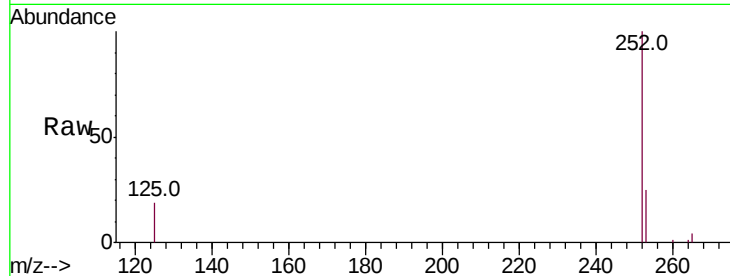
#22
Benzo(k)fluoranthene
Concen: 1.059 ng/ul m
RT: 22.87 min Scan# 5251
Delta R.T. -0.00 min
Lab File: BN006156.D
Acq: 07 Jun 2019 04:05

Instrument :
BNA_N
ClientSampled :
A51D9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.3	30.5
125	18.7	14.3	21.5

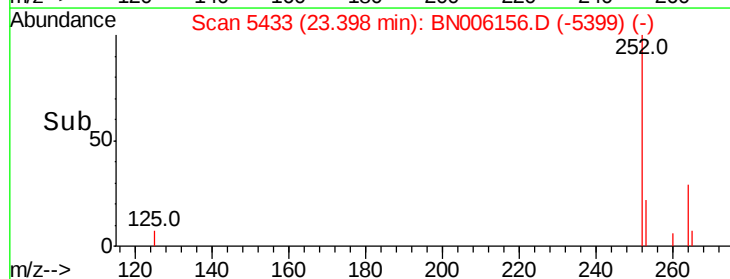
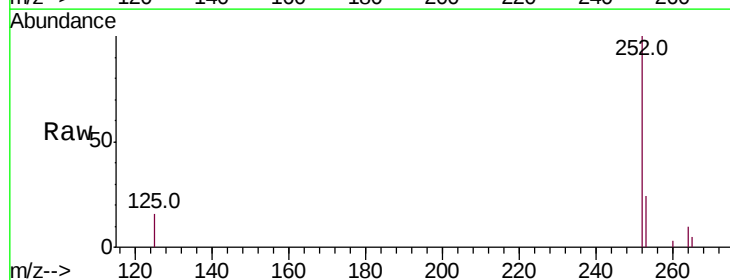
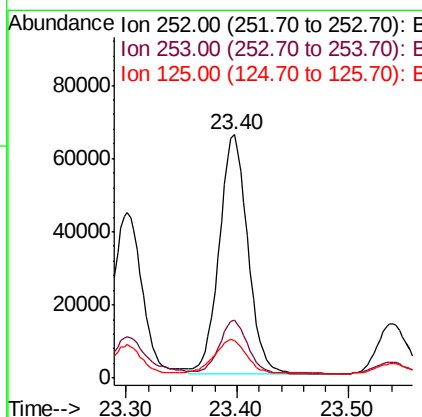
Manual Integrations
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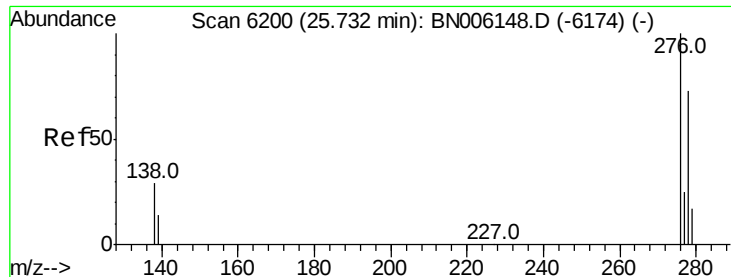
mohammad
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#23
Benzo(a)pyrene
Concen: 1.877 ng/ul
RT: 23.40 min Scan# 5433
Delta R.T. -0.00 min
Lab File: BN006156.D
Acq: 07 Jun 2019 04:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.1	31.7
125	15.5	20.3	30.5#





#24

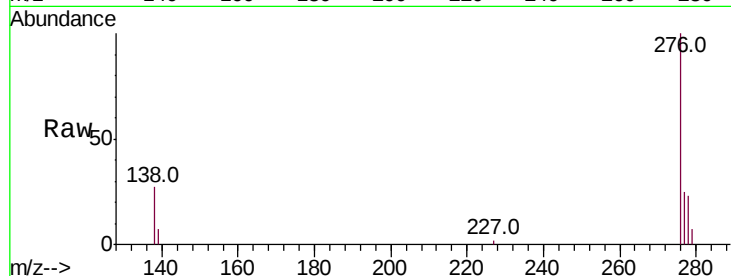
Indeno(1,2,3-cd)pyrene
Concen: 1.191 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. -0.01 min
Lab File: BN006156.D
Acq: 07 Jun 2019 04:05

Instrument :
BNA_N
ClientSampleId :
A51D9

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.6	38.4
227	0.0	0.3	0.5

Manual Integrations
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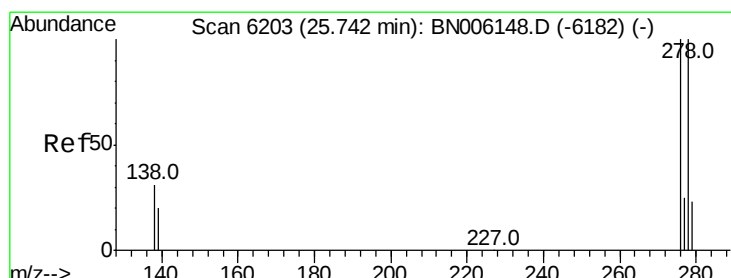
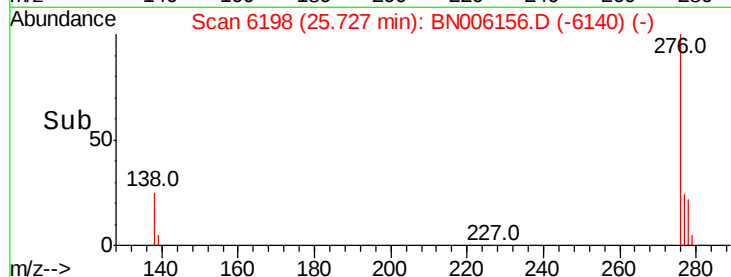
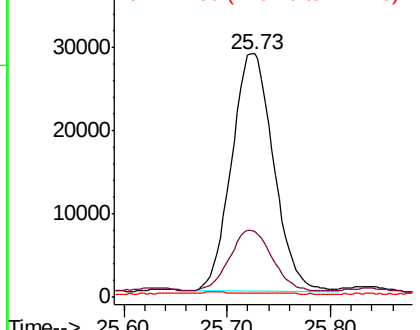


Abundance

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: 0.400 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.01 min
Lab File: BN006156.D
Acq: 07 Jun 2019 04:05

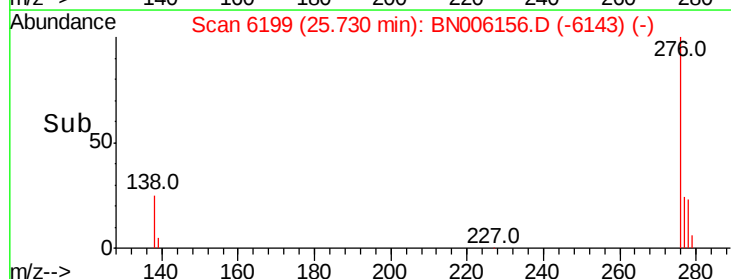
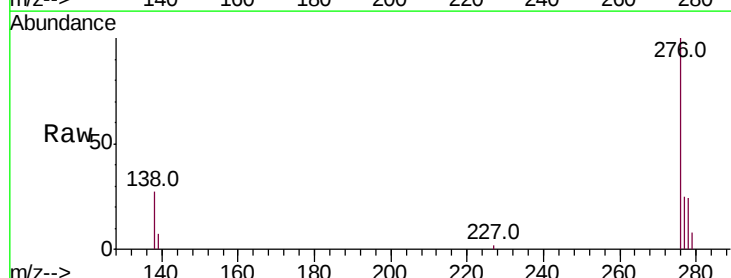
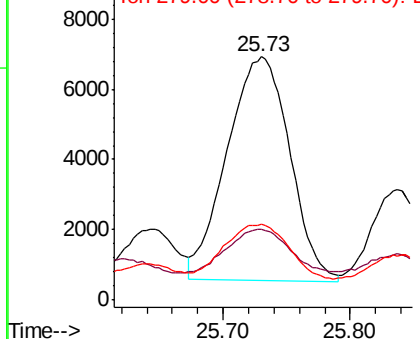
Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.2	21.2	31.8
279	31.0	22.6	33.8

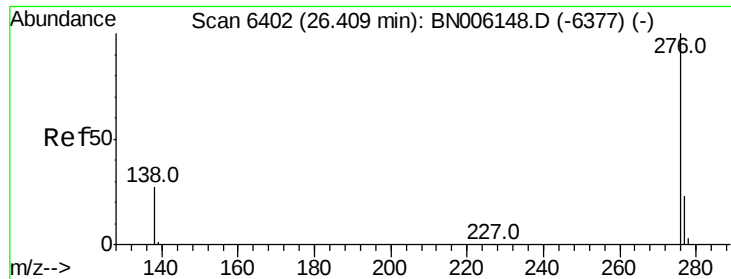
Abundance

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: 1.140 ng/ul

RT: 26.41 min Scan# 6402

Delta R.T. 0.00 min

Lab File: BN006156.D

Acq: 07 Jun 2019 04:05

Instrument :

BNA_N

ClientSampleId :

A51D9

Tot Ion:	276	Resp:	64856
Ion Ratio	Lower	Upper	
276	100		
138	27.8	24.2	36.4
277	25.0	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/11/2019 5:07:59 PM

