

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006143.D
 Acq On : 06 Jun 2019 19:26
 Operator : JU/SJ
 Sample : K3201-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:21 PM

Quant Time: Jun 07 01:04:34 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 00:25:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8378	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	31611	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	16313	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	31723m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	22627m	0.40	ng/ul	-0.02
20) Perylene-d12	23.52	264	25536m	0.40	ng/ul	-0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	10360	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	23520m	0.28	ng/ul	0.00
Target Compounds						Ovalue
3) Naphthalene	10.48	128	51533	0.591	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	28703	0.472	ng/ul	99
7) Acenaphthylene	14.02	152	177362	1.956	ng/ul	99
8) Acenaphthene	14.36	153	59877	0.952	ng/ul	99
9) Fluorene	15.36	166	63111	0.858	ng/ul#	98
12) Phenanthrene	17.09	178	1554380m	15.264	ng/ul	
13) Anthracene	17.19	178	298859m	3.073	ng/ul	
15) Fluoranthene	19.13	202	3039232m	27.029	ng/ul	
17) Pyrene	19.49	202	2861985	24.013	ng/ul	99
18) Benzo(a)anthracene	21.26	228	1607666m	16.064	ng/ul	
19) Chrysene	21.31	228	1646099	17.521	ng/ul	98
21) Benzo(b)fluoranthene	22.86	252	2068334m	19.425	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	788565m	7.603	ng/ul	
23) Benzo(a)pyrene	23.43	252	1473879m	14.862	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.77	276	1003777m	9.351	ng/ul	
25) Dibenzo(a,h)anthracene	25.76	278	284460m	3.315	ng/ul	
26) Benzo(a,h,i)perylene	26.45	276	797557m	8.871	ng/ul	

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

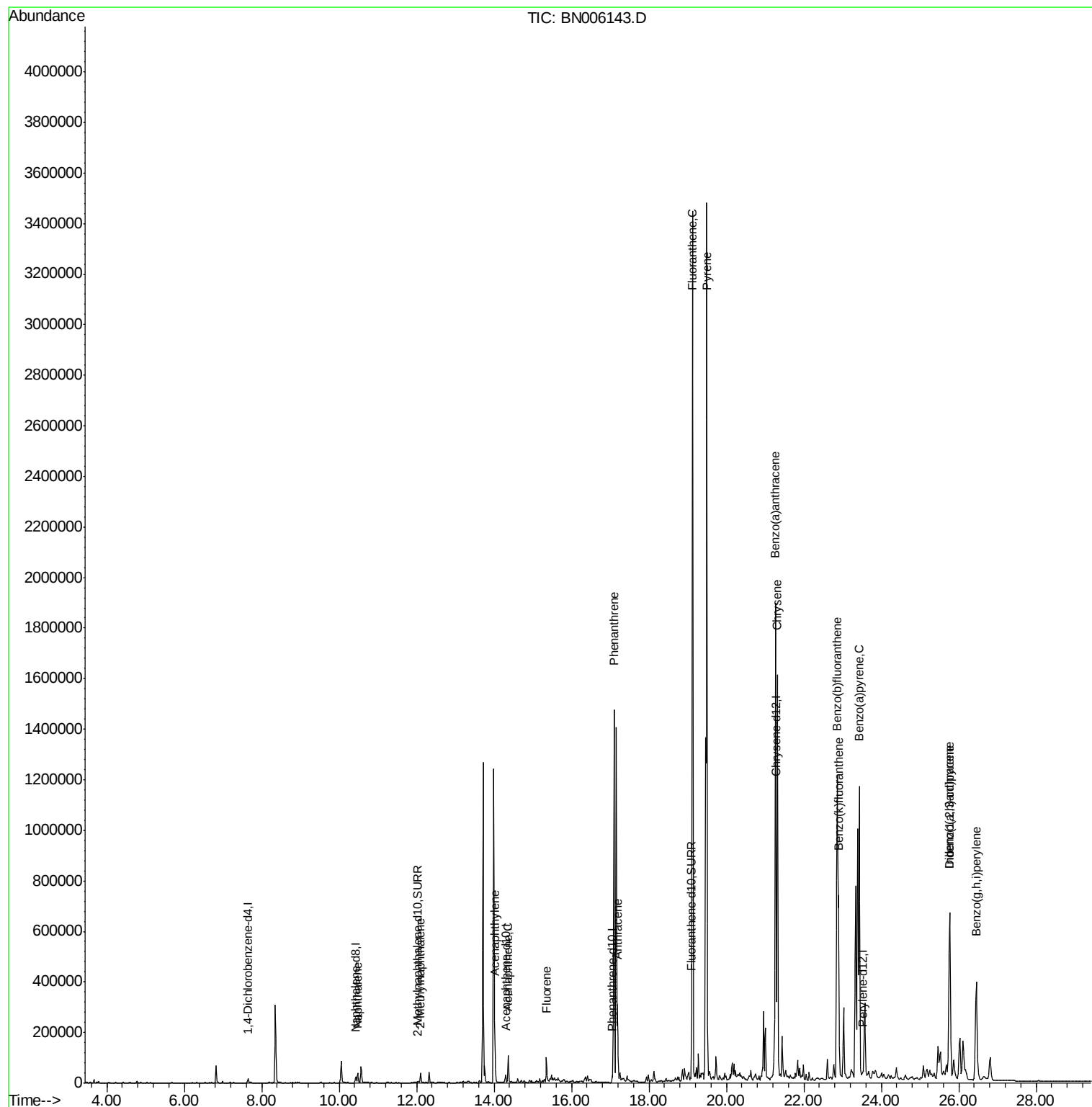
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
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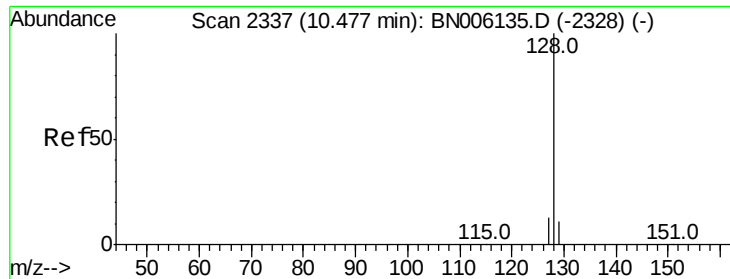
Instrument :
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Quant Time: Jun 07 01:04:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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#3

Naphthalene

Concen: 0.591 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

BNA_N

ClientSampleId :

C0AC3

Tot Ion:128 Resp: 51533

Ion Ratio Lower Upper

128 100

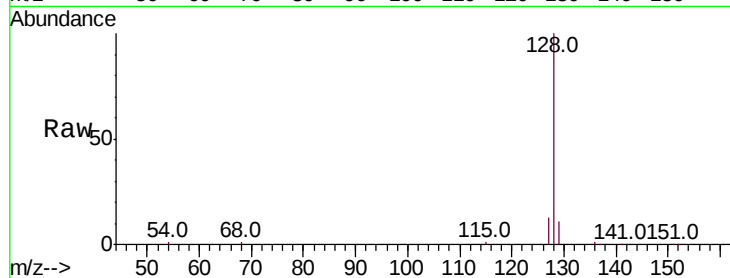
129 11.4 9.3 13.9

127 13.2 10.7 16.1

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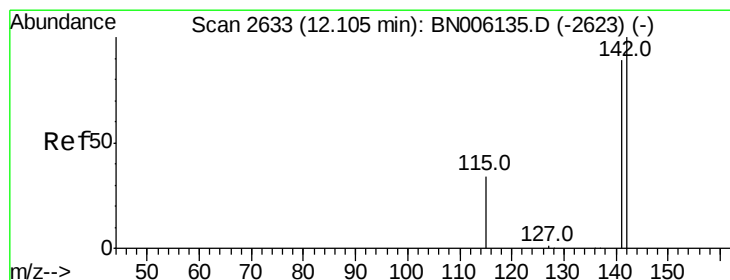
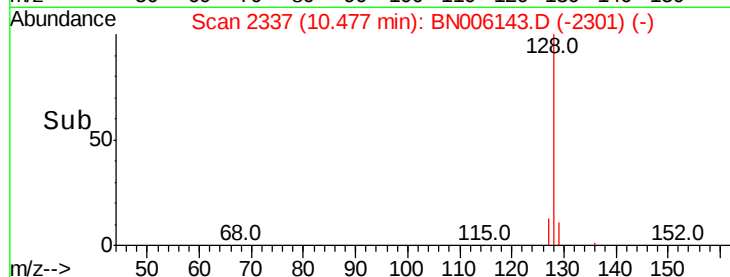
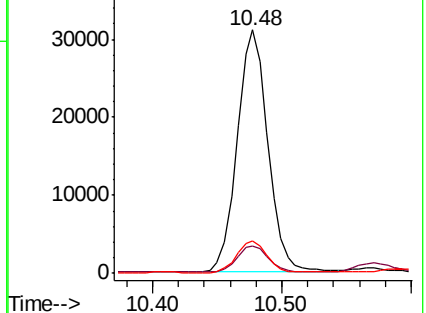
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.472 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006143.D

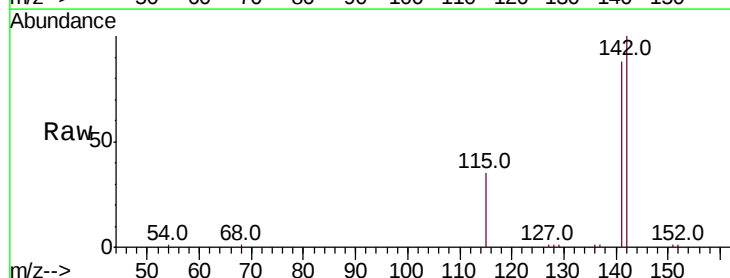
Acq: 06 Jun 2019 19:26

Tgt Ion:142 Resp: 28703

Ion Ratio Lower Upper

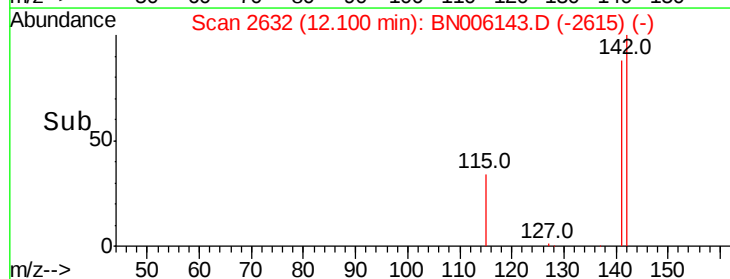
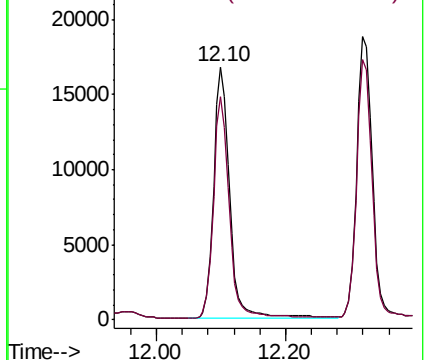
142 100

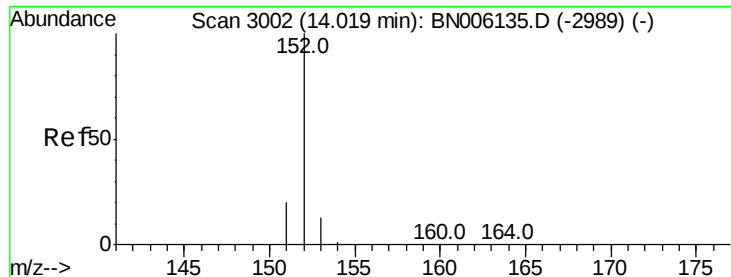
141 87.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.956 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

BNA_N

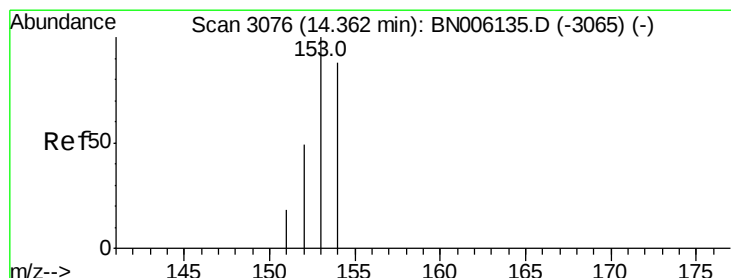
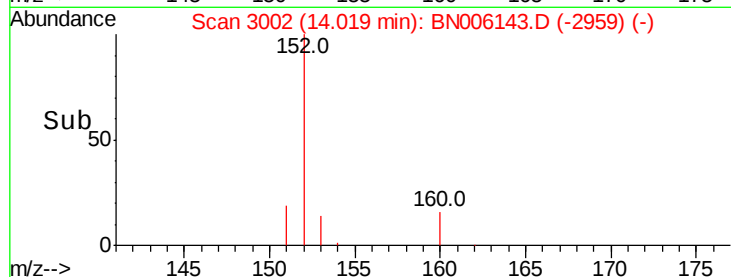
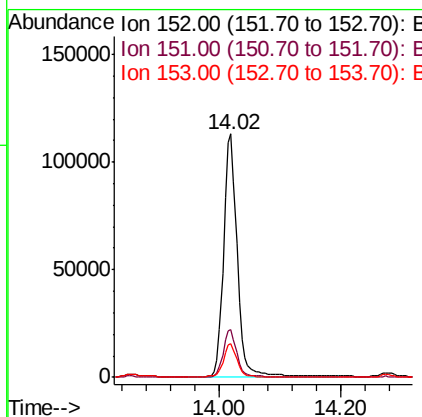
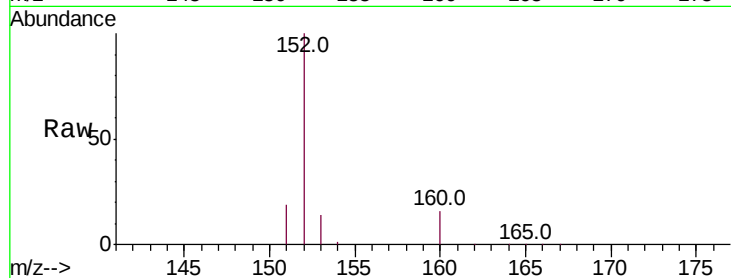
ClientSampleId :

C0AC3

Tot Ion:	152	Resp:	177362
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.8	23.8
153	13.6	10.8	16.2

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#8

Acenaphthene

Concen: 0.952 ng/ul

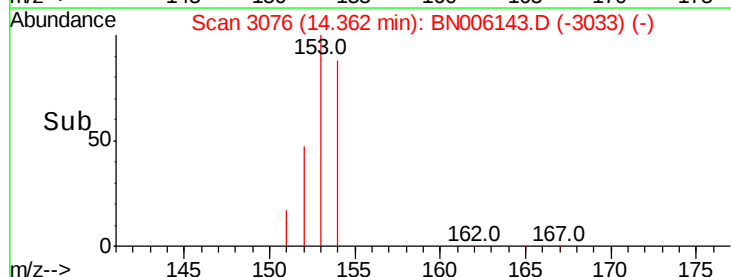
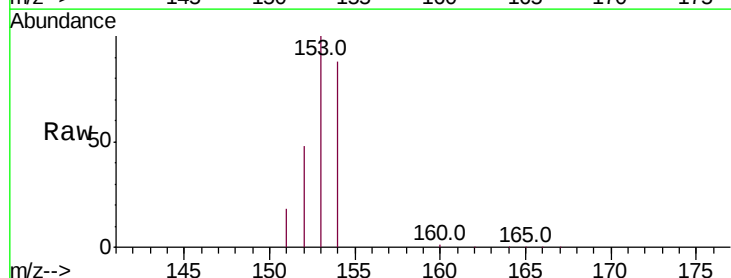
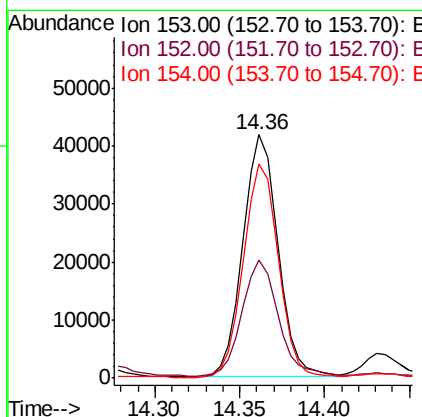
RT: 14.36 min Scan# 3076

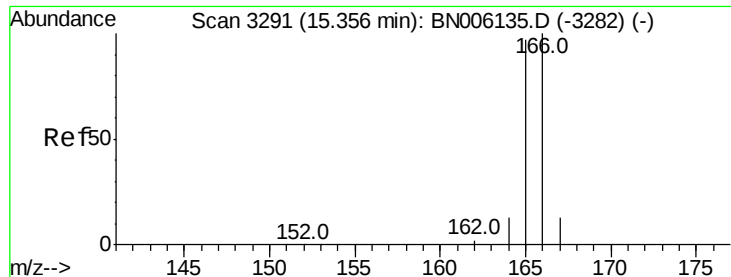
Delta R.T. -0.00 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Tgt Ion:	153	Resp:	59877
Ion Ratio	Lower	Upper	
153	100		
152	48.4	39.1	58.7
154	88.1	71.1	106.7





#9

Fluorene

Concen: 0.858 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

BNA_N

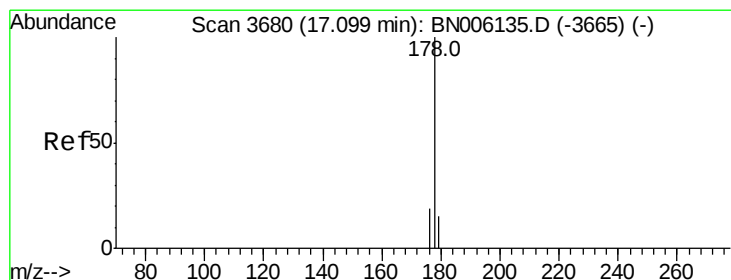
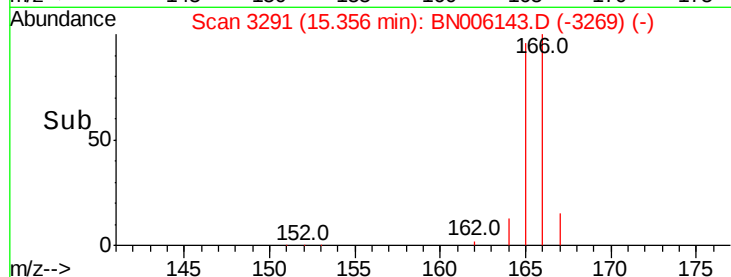
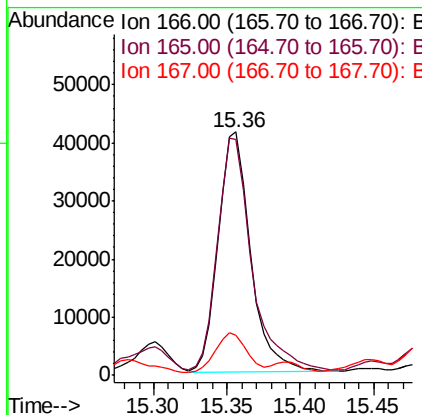
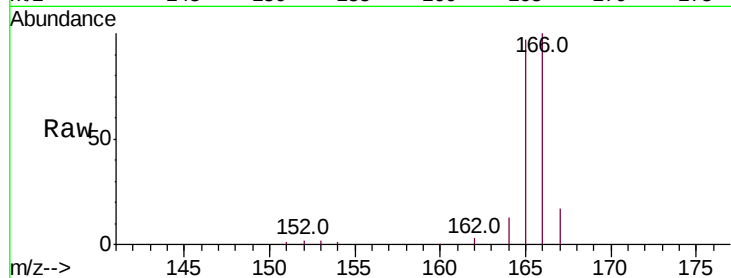
ClientSampleId :

C0AC3

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.4	114.6
167	16.7	11.0	16.6#

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#12

Phenanthrene

Concen: 15.264 ng/ul m

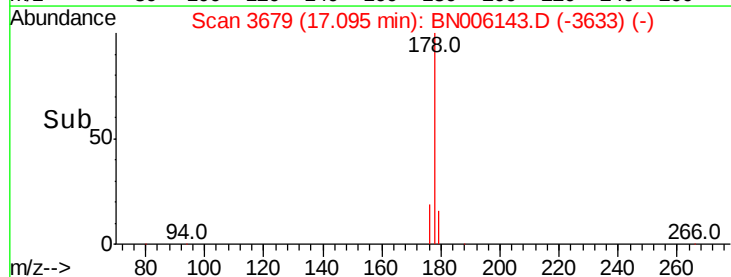
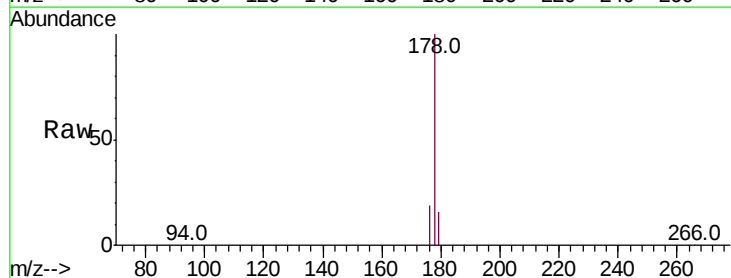
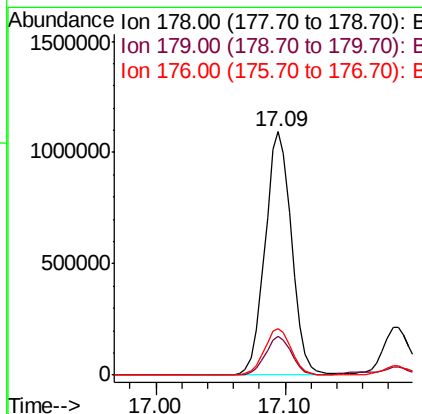
RT: 17.09 min Scan# 3679

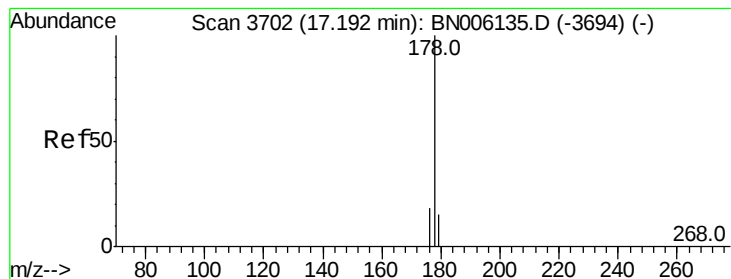
Delta R.T. -0.00 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.2	15.3	22.9





#13

Anthracene

Concen: 3.073 ng/ul m

RT: 17.19 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

BNA_N

ClientSampled :

C0AC3

Tot Ion:178 Resp: 298859

Ion Ratio Lower Upper

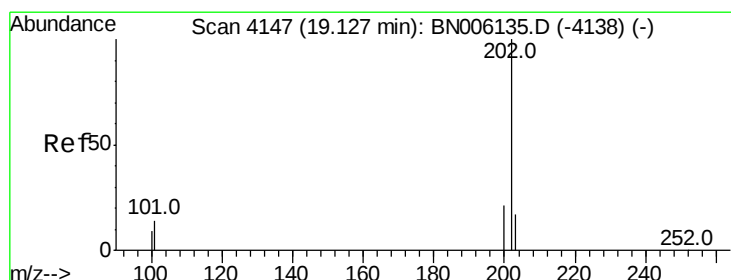
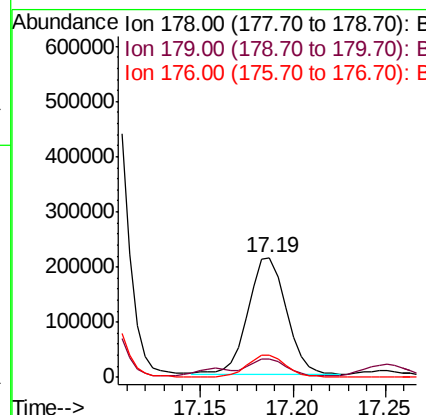
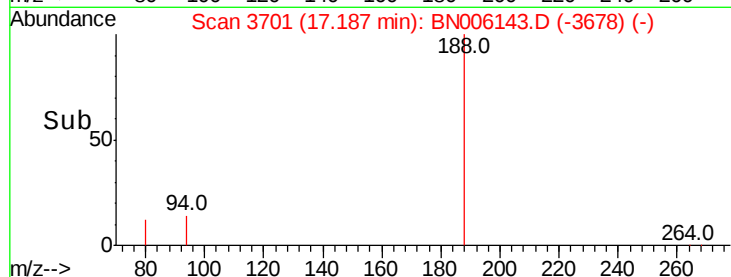
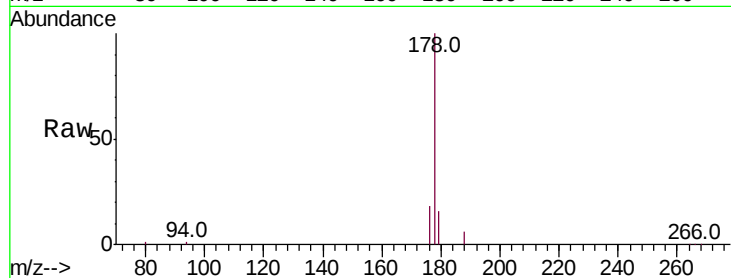
178 100

179 15.7 12.2 18.4

176 18.4 15.1 22.7

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#15

Fluoranthene

Concen: 27.029 ng/ul m

RT: 19.13 min Scan# 4147

Delta R.T. -0.00 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

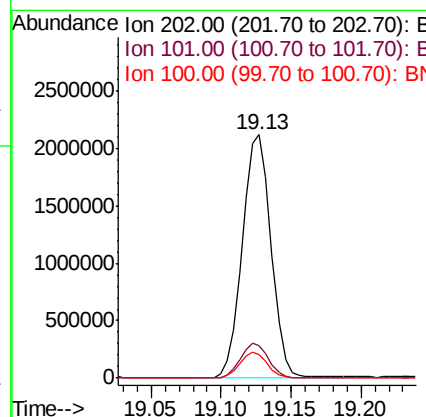
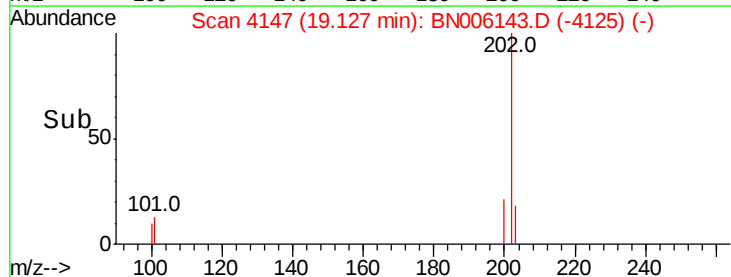
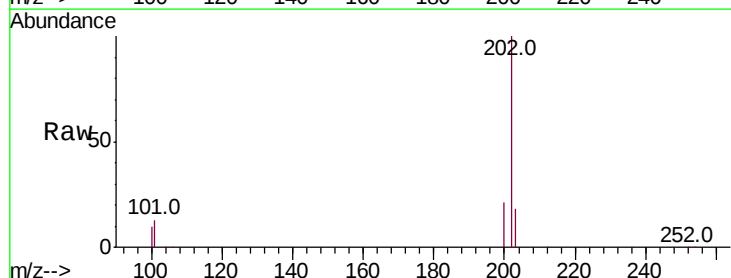
Tgt Ion:202 Resp: 3039232

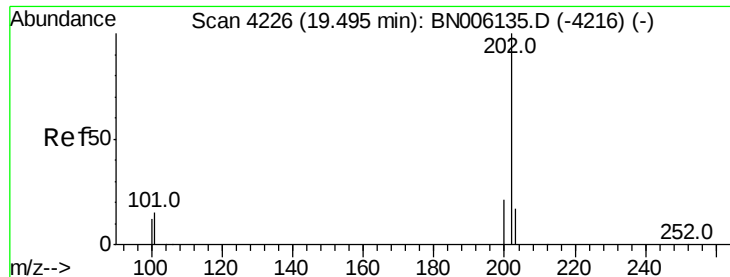
Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.1

100 9.8 0.0 28.7





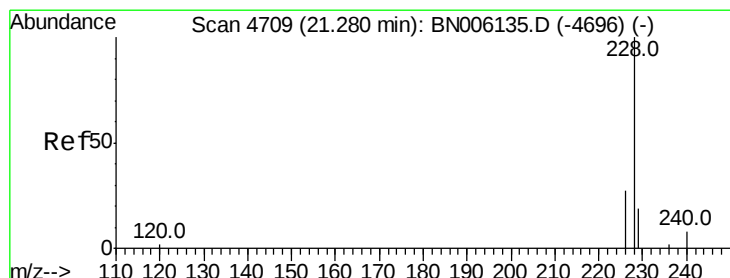
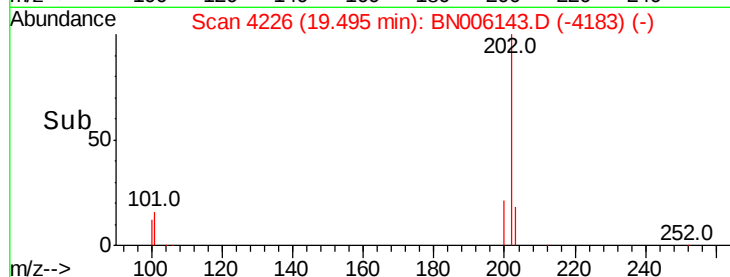
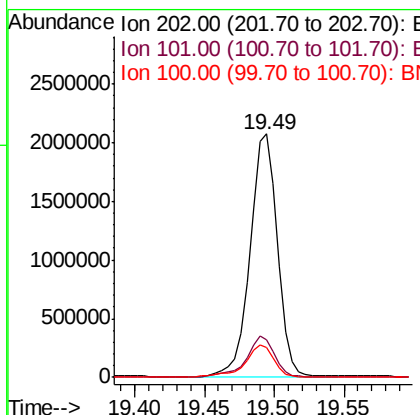
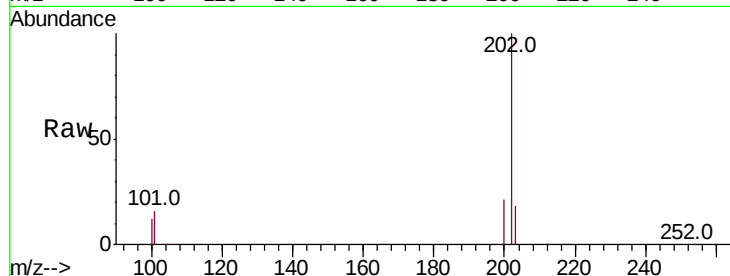
#17
Pvrene
Concen: 24.013 ng/ul
RT: 19.49 min Scan# 4226
Delta R.T. -0.00 min
Lab File: BN006143.D
Acq: 06 Jun 2019 19:26

Instrument :
BNA_N
ClientSampled :
C0AC3

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.2	18.2
100	12.1	9.8	14.6

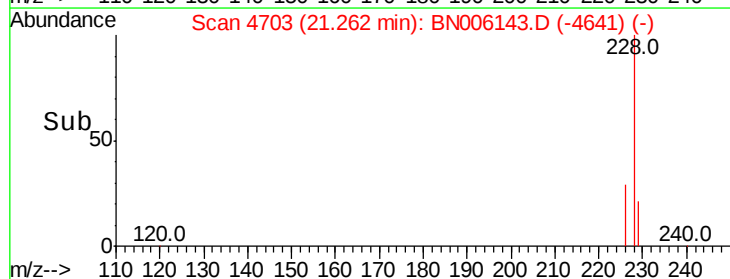
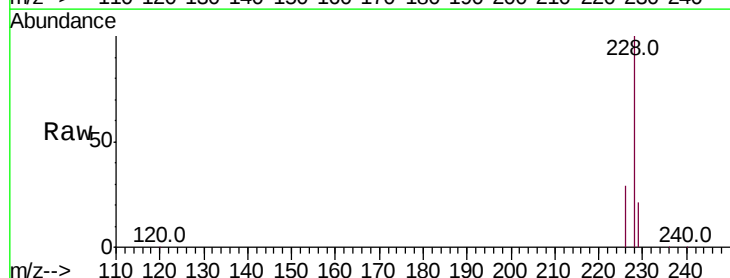
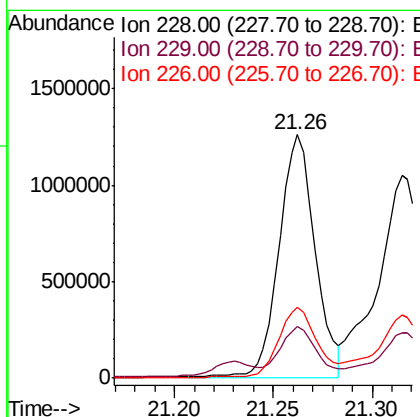
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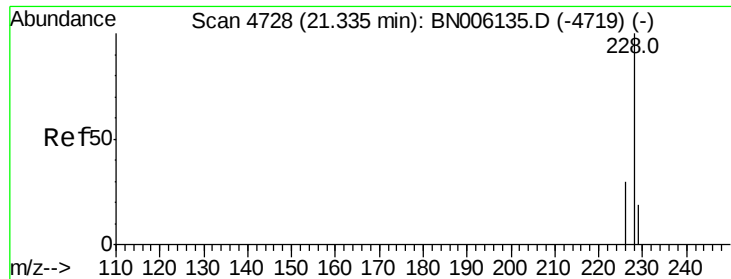
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#18
Benzo(a)anthracene
Concen: 16.064 ng/ul m
RT: 21.26 min Scan# 4703
Delta R.T. -0.02 min
Lab File: BN006143.D
Acq: 06 Jun 2019 19:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.5	24.7
226	28.9	22.8	34.2





#19

Chrysene

Concen: 17.521 ng/ul

RT: 21.31 min Scan# 4721

Delta R.T. -0.02 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

BNA_N

ClientSampleId :

C0AC3

Tot Ion:228 Resp: 1646099

Ion Ratio Lower Upper

228 100

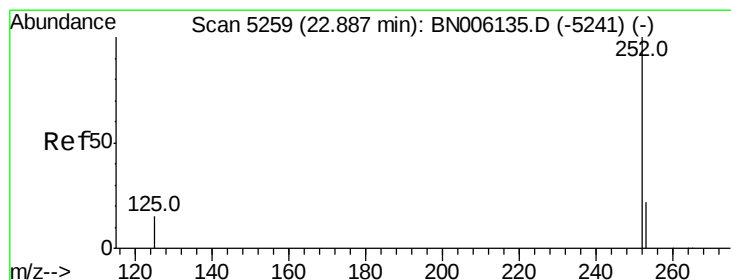
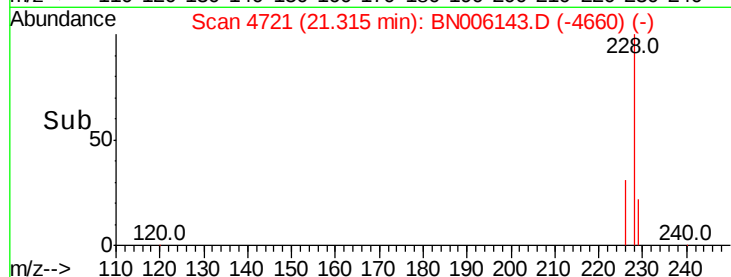
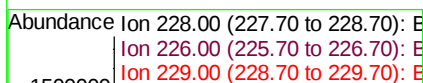
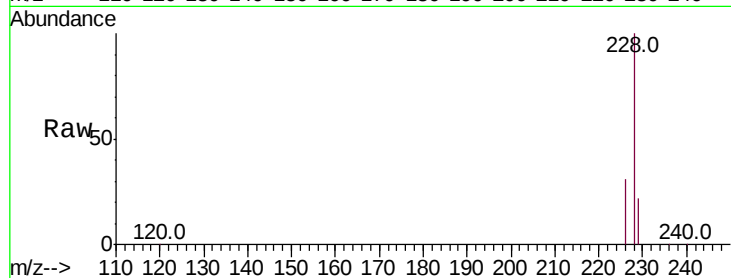
226 31.1 25.0 37.6

229 22.4 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 19.425 ng/ul m

RT: 22.86 min Scan# 5248

Delta R.T. -0.03 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

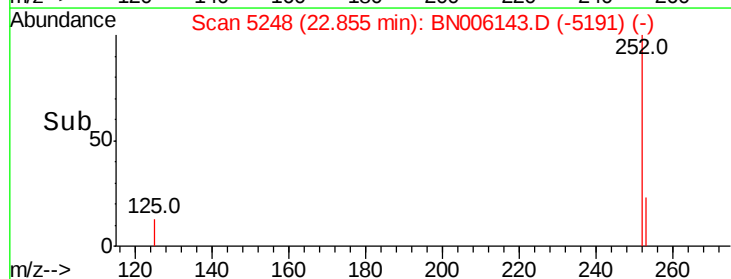
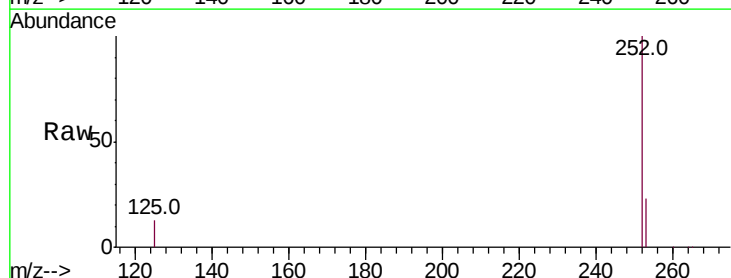
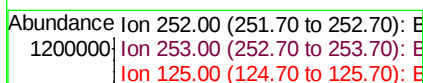
Tgt Ion:252 Resp: 2068334

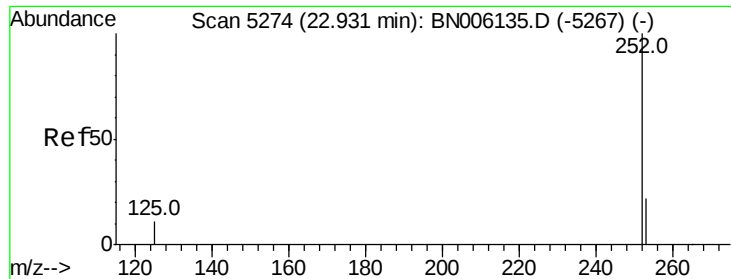
Ion Ratio Lower Upper

252 100

253 23.2 0.0 51.4

125 13.3 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 7.603 ng/ul m

RT: 22.90 min Scan# 5262

Delta R.T. -0.04 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Instrument :

BNA_N

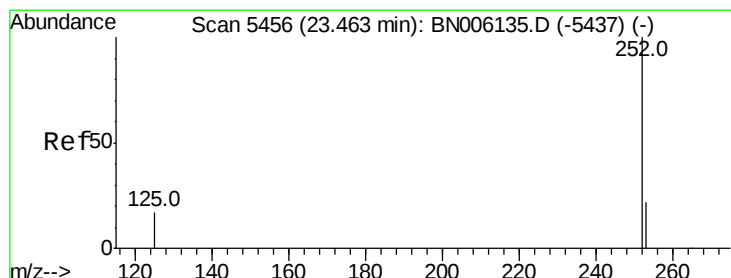
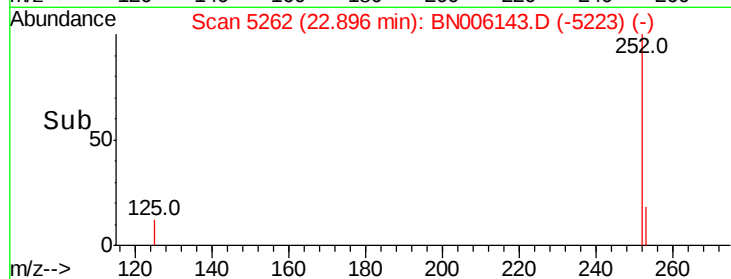
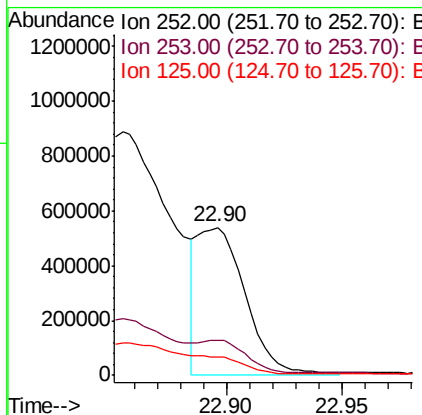
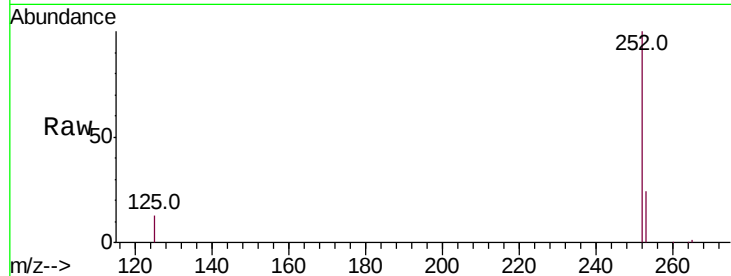
ClientSampled :

C0AC3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.3	30.5
125	12.8	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 14.862 ng/ul m

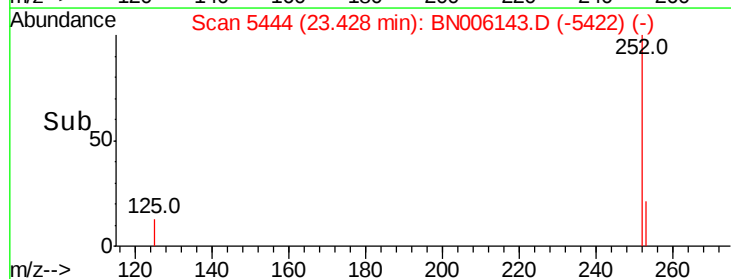
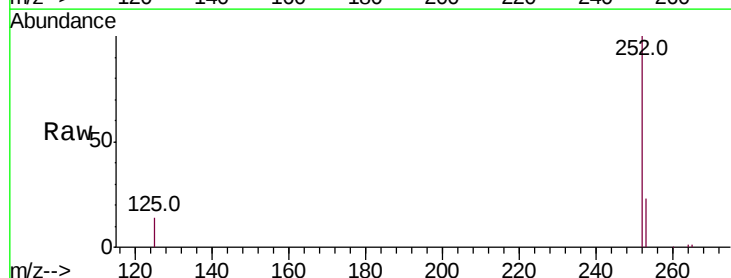
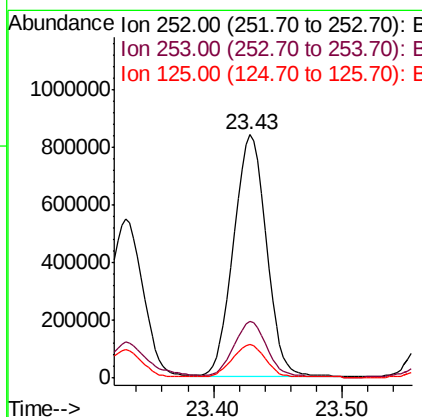
RT: 23.43 min Scan# 5444

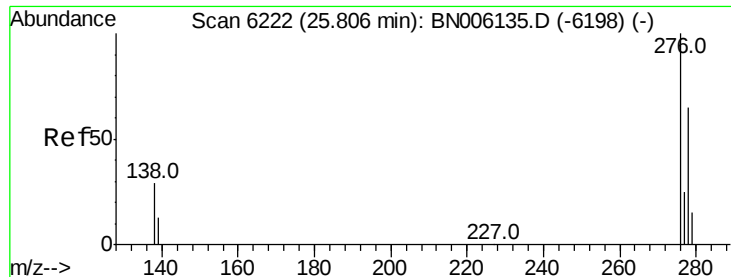
Delta R.T. -0.04 min

Lab File: BN006143.D

Acq: 06 Jun 2019 19:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	21.1	31.7
125	13.8	20.3	30.5#





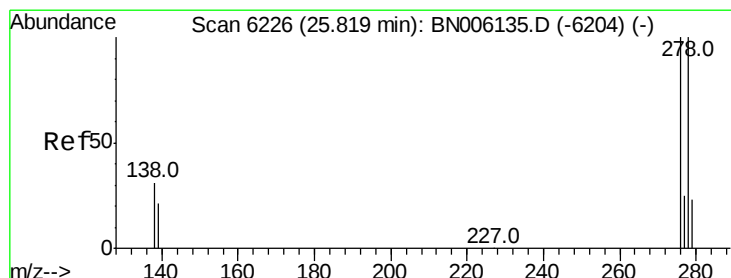
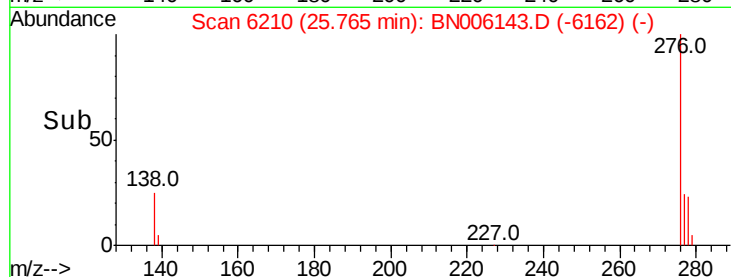
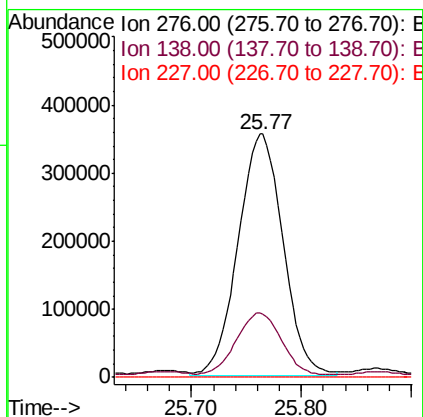
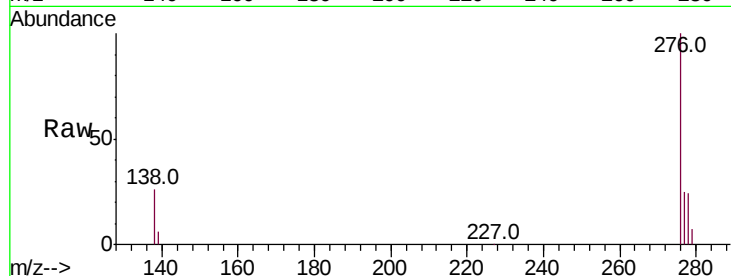
#24
Indeno(1,2,3-cd)pyrene
Concen: 9.351 ng/ul m
RT: 25.77 min Scan# 6210
Delta R.T. -0.04 min
Lab File: BN006143.D
Acq: 06 Jun 2019 19:26

Instrument :
BNA_N
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.8	25.6	38.4#
227	0.0	0.3	0.5#

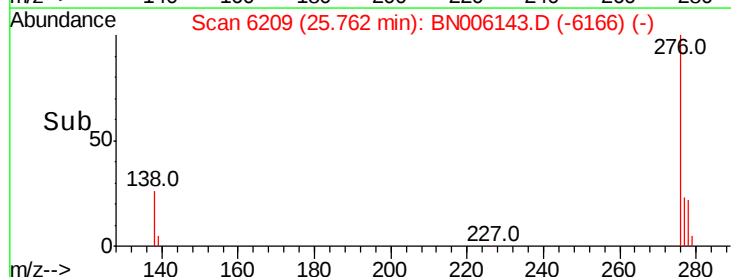
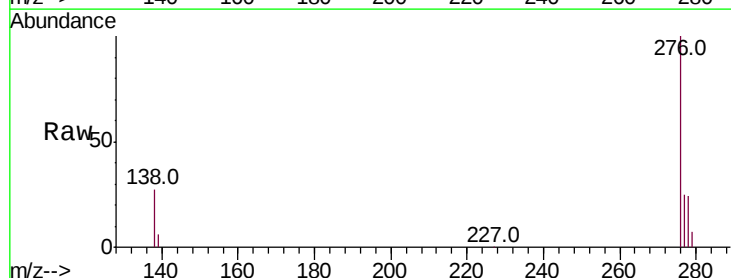
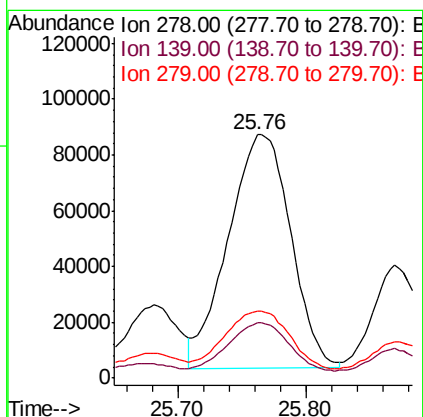
Manual Integrations
APPROVED

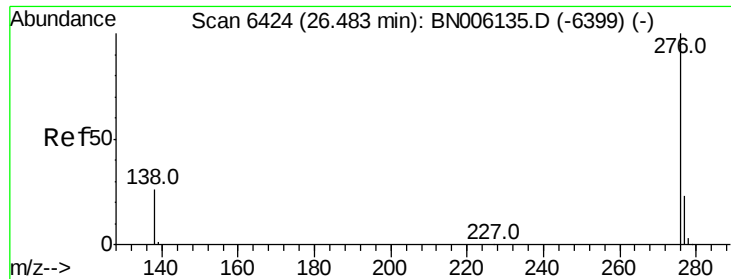
mohammad
6/11/2019 5:07:21 PM



#25
Dibenzo(a,h)anthracene
Concen: 3.315 ng/ul m
RT: 25.76 min Scan# 6209
Delta R.T. -0.06 min
Lab File: BN006143.D
Acq: 06 Jun 2019 19:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	21.2	31.8
279	27.7	22.6	33.8





#26
 Benzo(a,h,i)perylene
 Concen: 8.871 ng/ul m
 RT: 26.45 min Scan# 6414
 Delta R.T. -0.03 min
 Lab File: BN006143.D
 Acq: 06 Jun 2019 19:26

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	27.2	24.2	36.4		
277	24.1	21.5	32.3		

Manual Integrations
 APPROVED

mohammad
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