

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006145.D
 Acq On : 06 Jun 2019 20:35
 Operator : JU/SJ
 Sample : K3201-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3

Manual Integrations
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Quant Time: Jun 07 01:18:08 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	5929	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	22131	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11632	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	24313m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	21669m	0.40	ng/ul	-0.03
20) Perylene-d12	23.50	264	17827m	0.40	ng/ul	-0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	9721	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	22333m	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	4860	0.080	ng/ul#	93
5) 2-Methylnaphthalene	12.10	142	2126	0.050	ng/ul	96
7) Acenaphthylene	14.02	152	8925	0.138	ng/ul	96
8) Acenaphthene	14.36	153	6114	0.136	ng/ul	98
9) Fluorene	15.36	166	7583	0.144	ng/ul	98
12) Phenanthrene	17.09	178	115541m	1.480	ng/ul	
13) Anthracene	17.19	178	28341m	0.380	ng/ul	
15) Fluoranthene	19.12	202	202724m	2.352	ng/ul	
17) Pyrene	19.49	202	171358	1.501	ng/ul	100
18) Benzo(a)anthracene	21.25	228	89814m	0.937	ng/ul	
19) Chrysene	21.30	228	94006	1.045	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	119512m	1.608	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	50697m	0.700	ng/ul	
23) Benzo(a)pyrene	23.41	252	80157	1.158	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.73	276	60896	0.813	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.74	278	14216	0.237	ng/ul	95
26) Benzo(a,h,i)perylene	26.42	276	46632	0.743	ng/ul	96

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

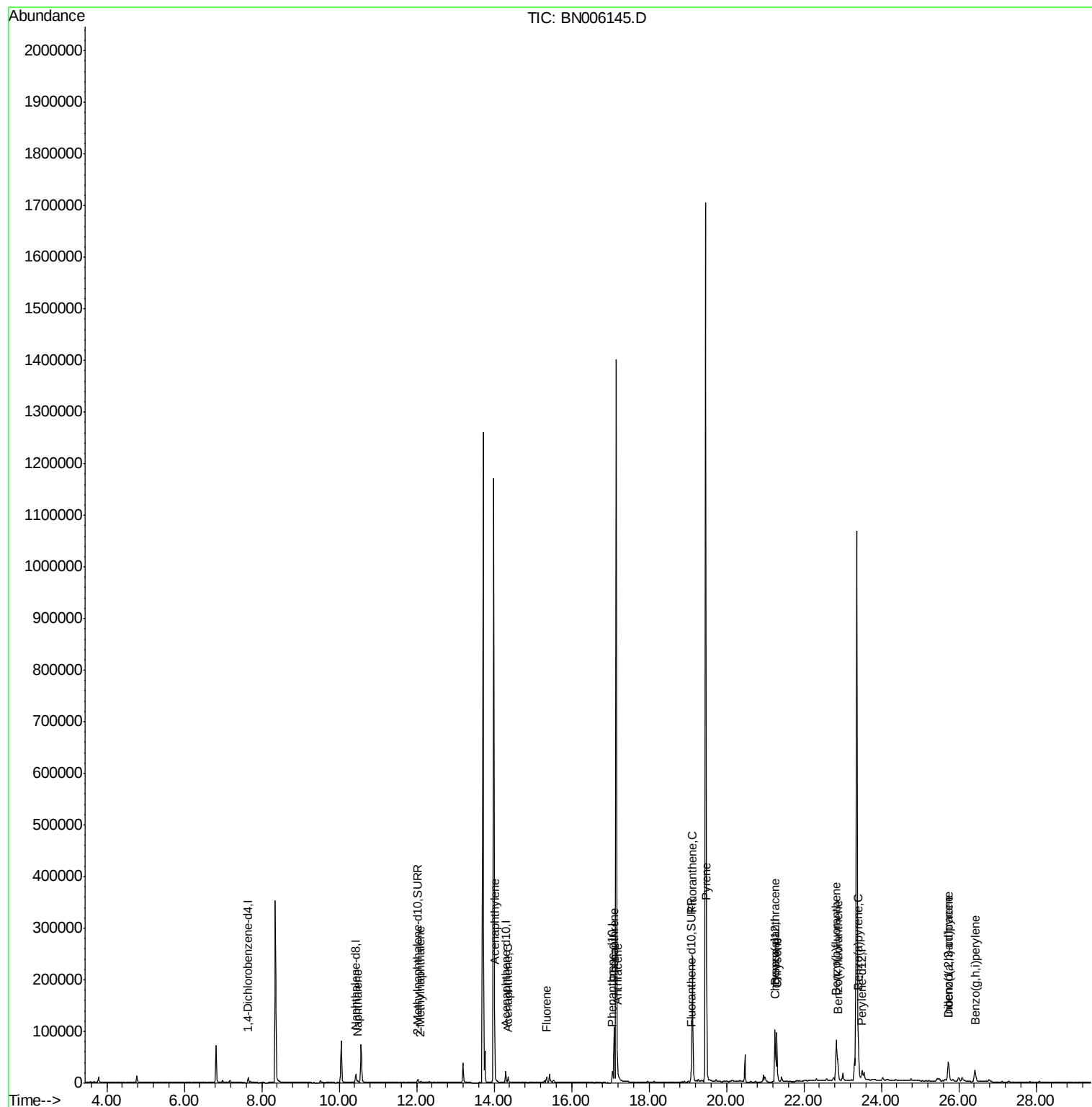
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006145.D
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Sample : K3201-02
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ALS Vial : 12 Sample Multiplier: 1

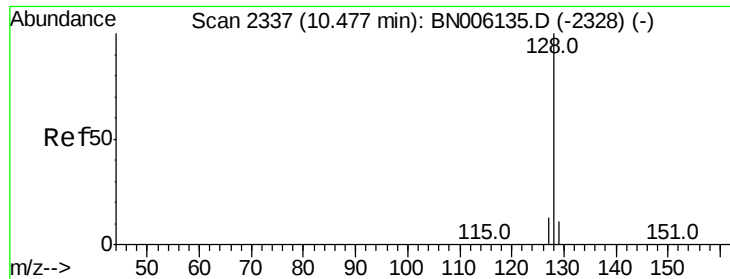
Instrument :
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Quant Time: Jun 07 01:18:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Fri Jun 07 00:25:28 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.080 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

Instrument :

BNA_N

ClientSampleId :

C0AB3

Tot Ion:128 Resp: 4860

Ion Ratio Lower Upper

128 100

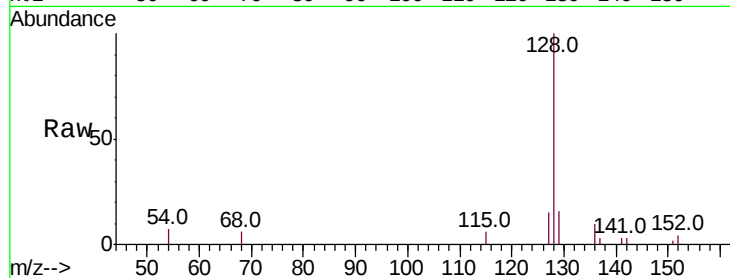
129 15.7 9.3 13.9#

127 15.2 10.7 16.1

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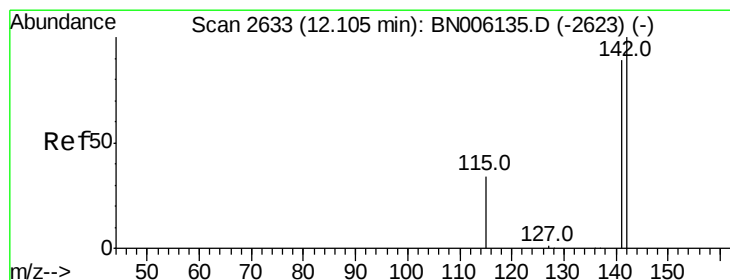
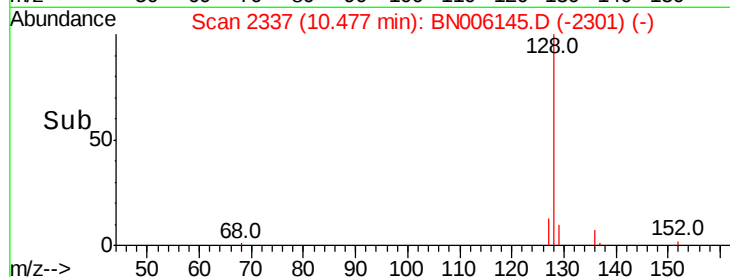
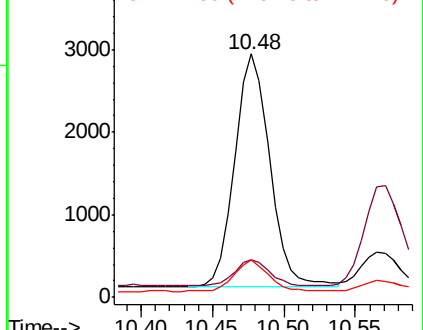
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.050 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006145.D

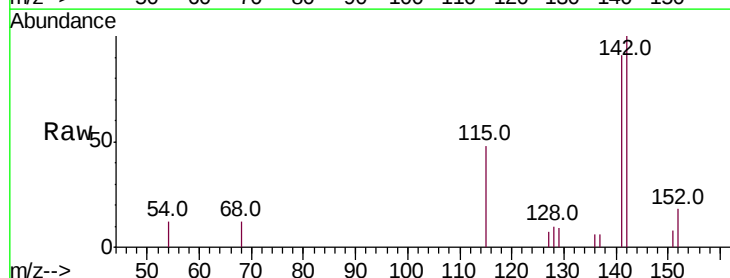
Acq: 06 Jun 2019 20:35

Tgt Ion:142 Resp: 2126

Ion Ratio Lower Upper

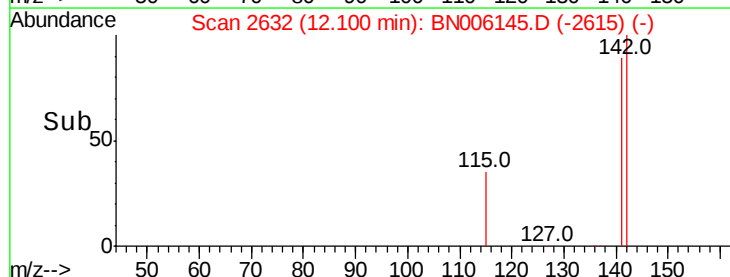
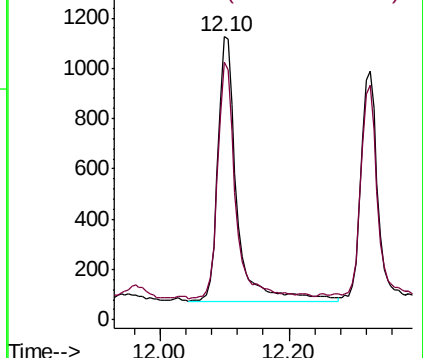
142 100

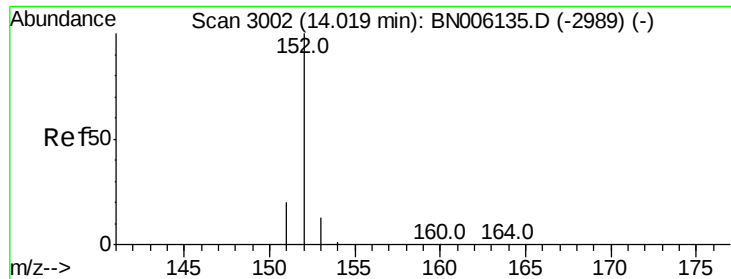
141 84.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.138 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

Instrument :

BNA_N

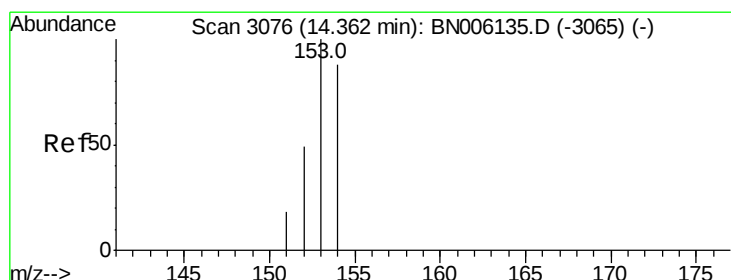
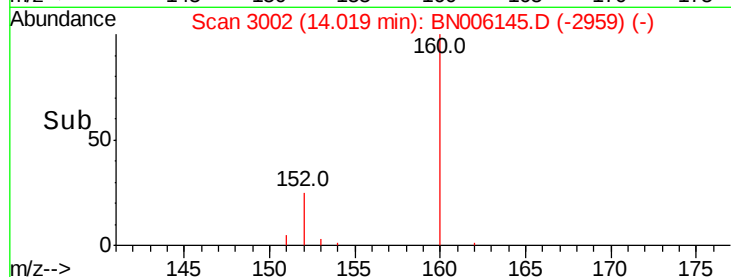
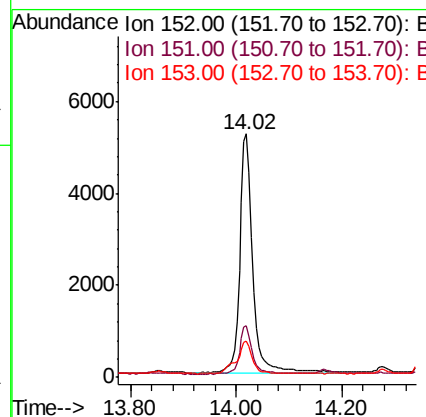
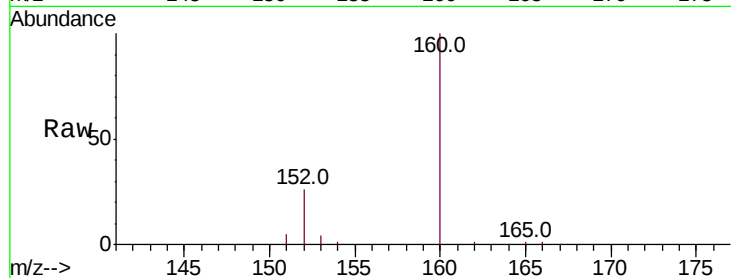
ClientSampleId :

C0AB3

Tot Ion:	152	Resp:	8925
Ion Ratio	Lower	Upper	
152	100		
151	21.3	15.8	23.8
153	15.1	10.8	16.2

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#8

Acenaphthene

Concen: 0.136 ng/ul

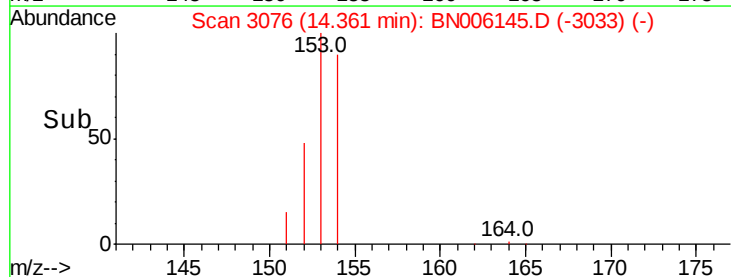
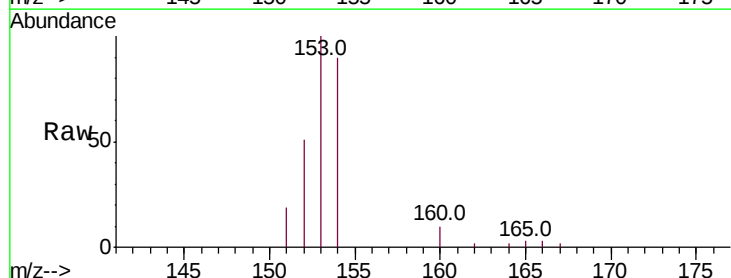
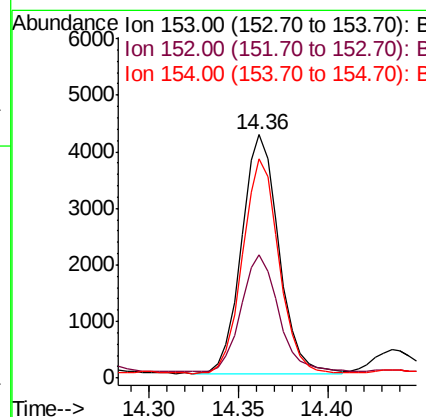
RT: 14.36 min Scan# 3076

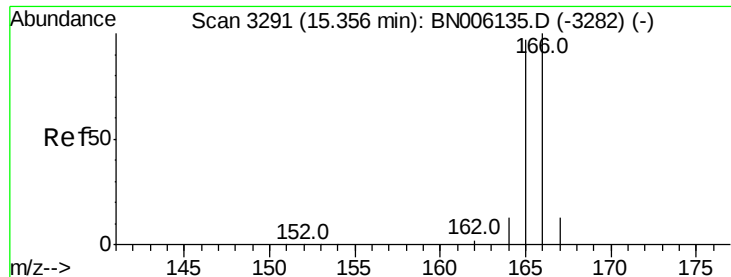
Delta R.T. -0.00 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

Tgt Ion:	153	Resp:	6114
Ion Ratio	Lower	Upper	
153	100		
152	50.8	39.1	58.7
154	89.9	71.1	106.7





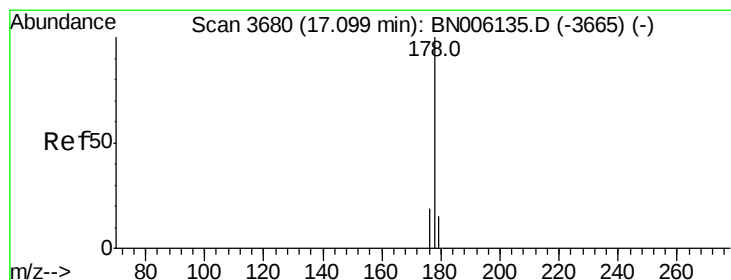
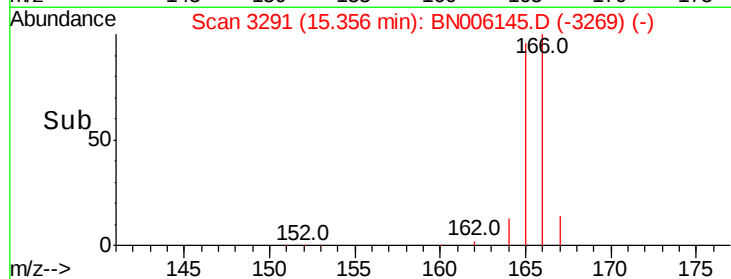
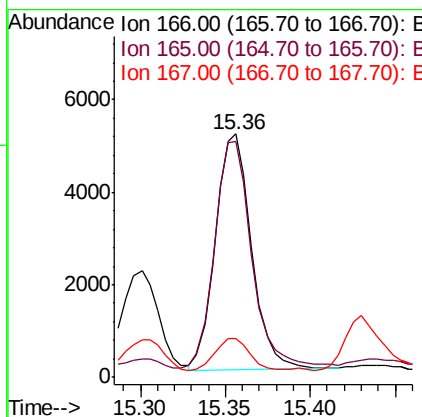
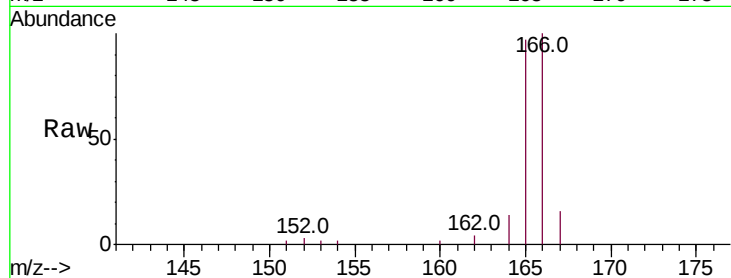
#9
Fluorene
 Concen: 0.144 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. -0.00 min
 Lab File: BN006145.D
 Acq: 06 Jun 2019 20:35

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.4	114.6
167	15.9	11.0	16.6

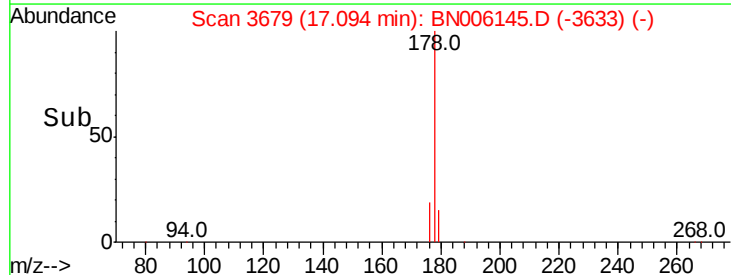
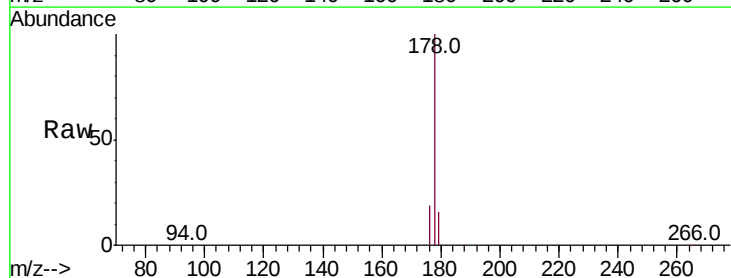
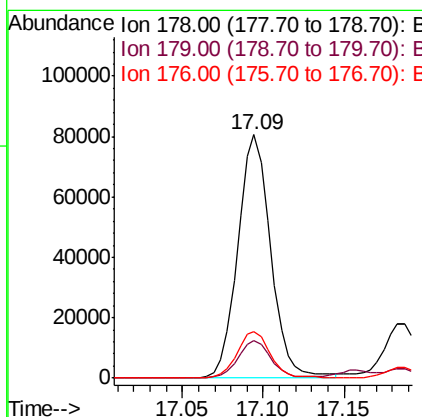
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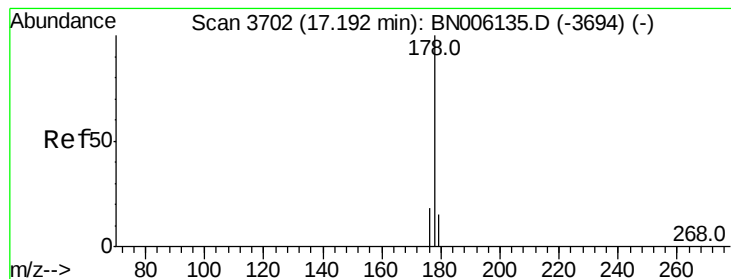
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#12
Phenanthrene
 Concen: 1.480 ng/ul m
 RT: 17.09 min Scan# 3679
 Delta R.T. -0.00 min
 Lab File: BN006145.D
 Acq: 06 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.2	15.3	22.9





#13

Anthracene

Concen: 0.380 ng/ul m

RT: 17.19 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

Instrument :

BNA_N

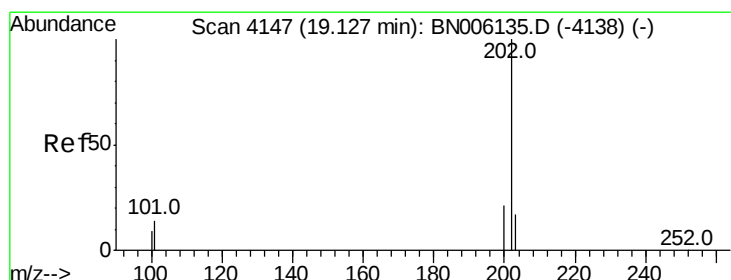
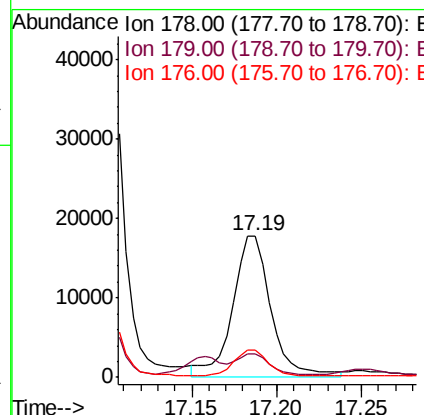
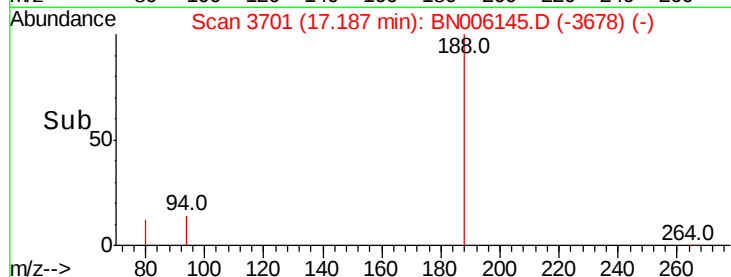
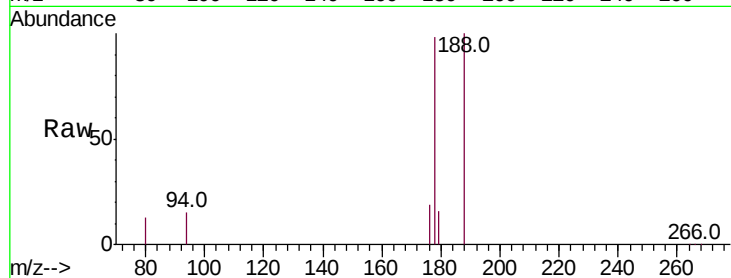
ClientSampled :

C0AB3

Tot Ion:	178	Resp:	28341
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.2	18.4
176	18.9	15.1	22.7

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#15

Fluoranthene

Concen: 2.352 ng/ul m

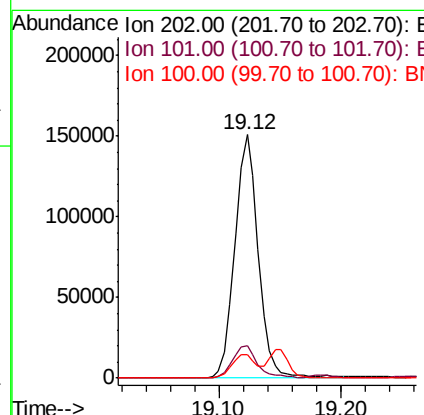
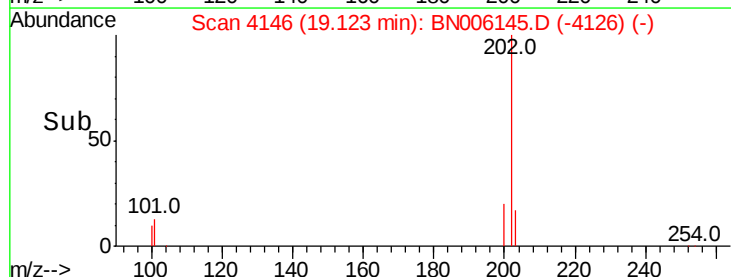
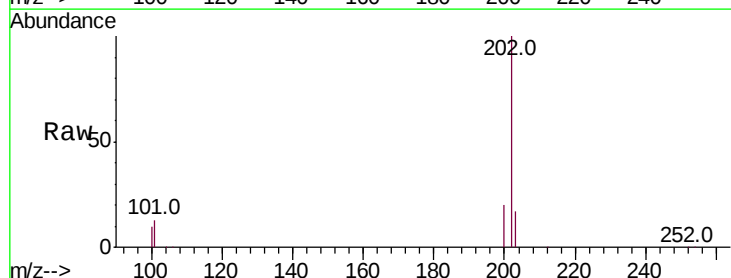
RT: 19.12 min Scan# 4146

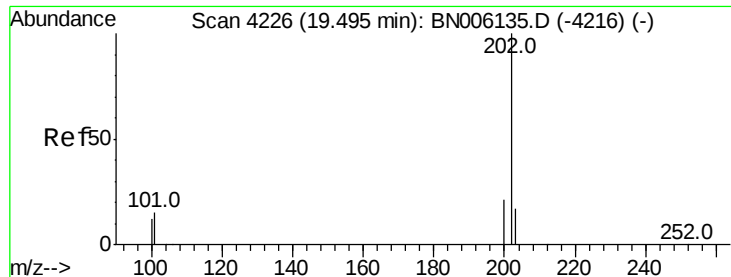
Delta R.T. -0.00 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

Tgt Ion:	202	Resp:	202724
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	32.1
100	9.7	0.0	28.7





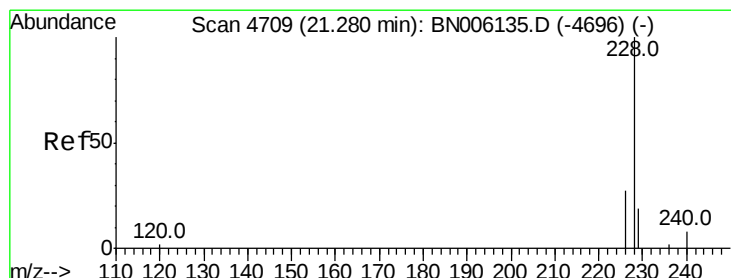
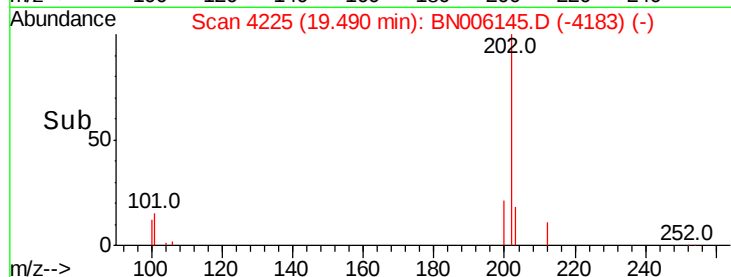
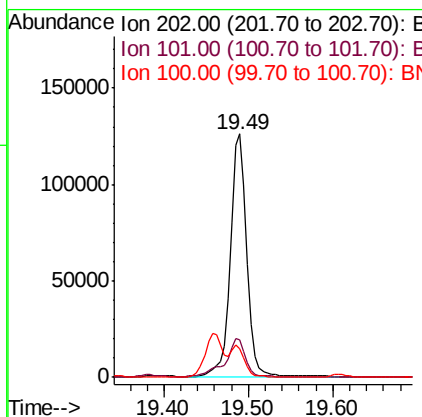
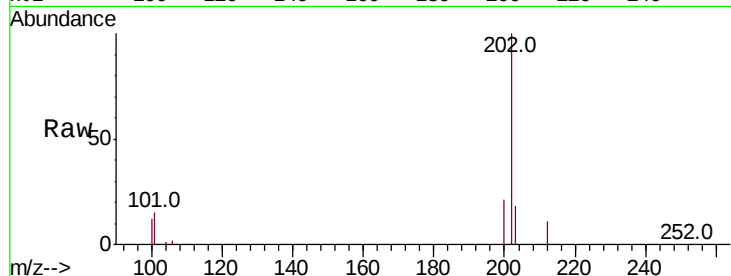
#17
Pvrene
Concen: 1.501 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. -0.00 min
Lab File: BN006145.D
Acq: 06 Jun 2019 20:35

Instrument :
BNA_N
ClientSampleId :
C0AB3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.2	12.2	18.2
100	11.9	9.8	14.6

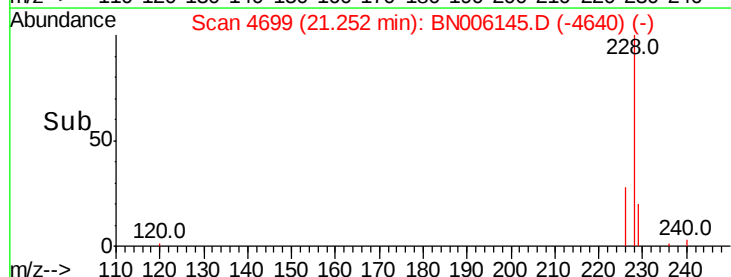
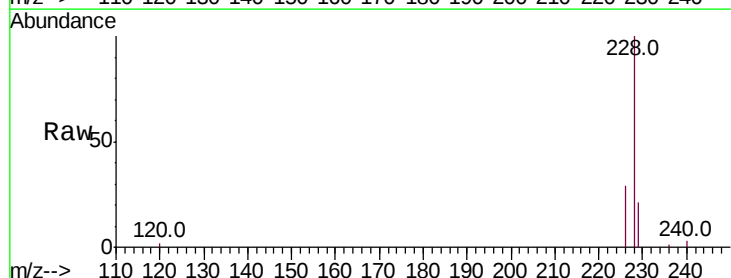
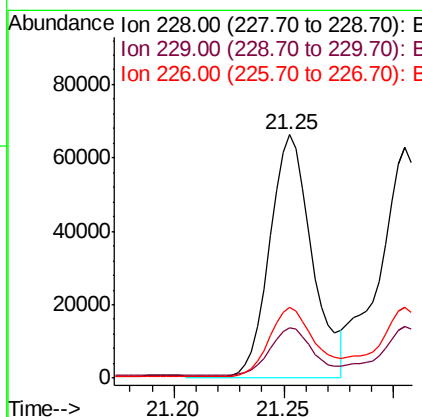
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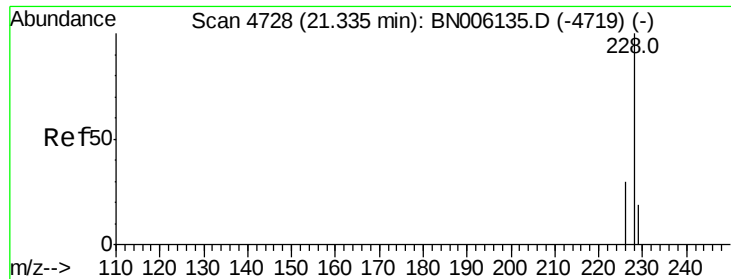
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#18
Benzo(a)anthracene
Concen: 0.937 ng/ul m
RT: 21.25 min Scan# 4699
Delta R.T. -0.03 min
Lab File: BN006145.D
Acq: 06 Jun 2019 20:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	16.5	24.7
226	28.9	22.8	34.2





#19

Chrysene

Concen: 1.045 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. -0.03 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

Instrument :

BNA_N

ClientSampleId :

C0AB3

Tot Ion:228 Resp: 94006

Ion Ratio Lower Upper

228 100

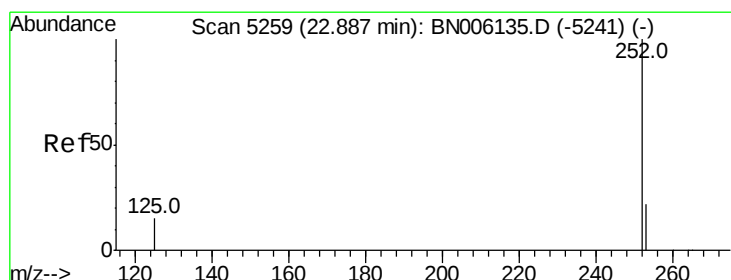
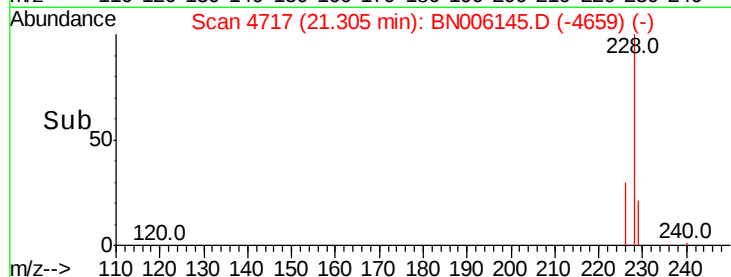
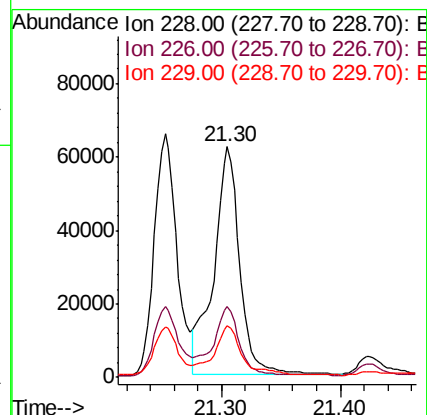
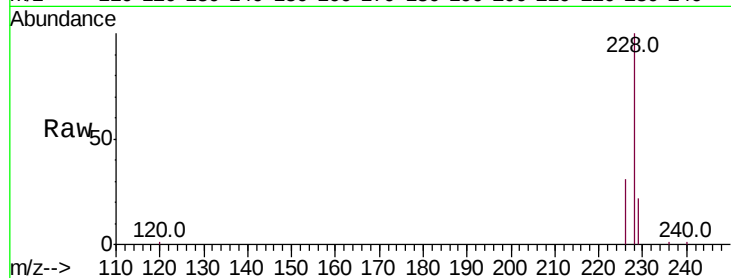
226 30.9 25.0 37.6

229 22.3 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 1.608 ng/ul m

RT: 22.84 min Scan# 5241

Delta R.T. -0.05 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

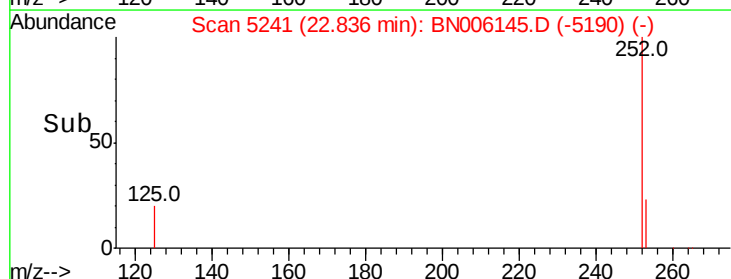
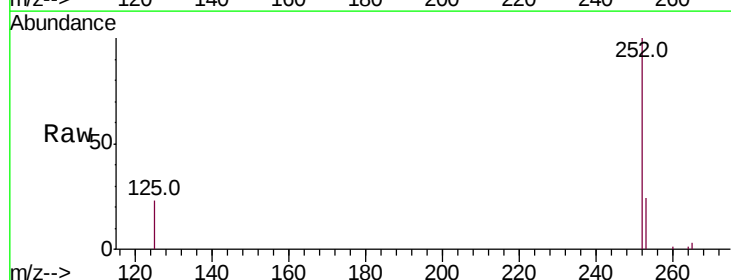
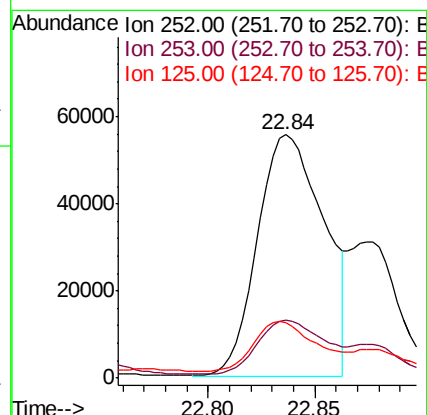
Tgt Ion:252 Resp: 119512

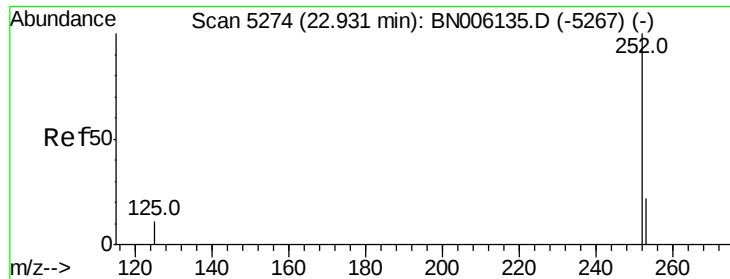
Ion Ratio Lower Upper

252 100

253 23.9 0.0 51.4

125 22.7 0.0 41.0





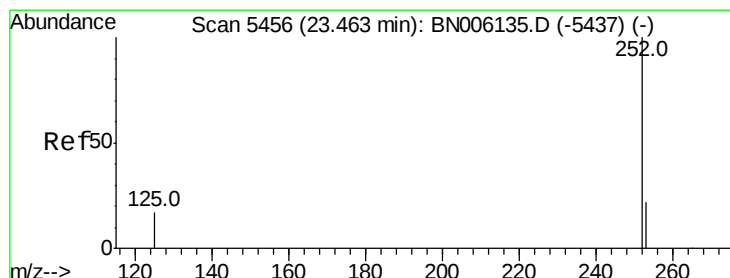
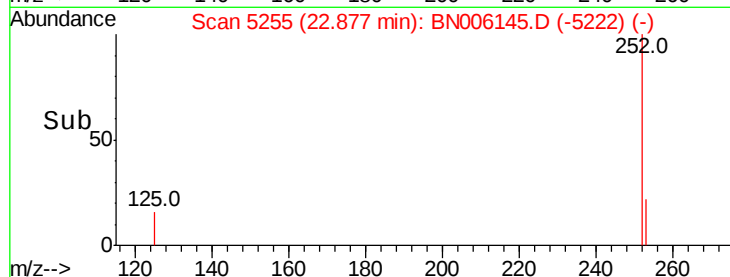
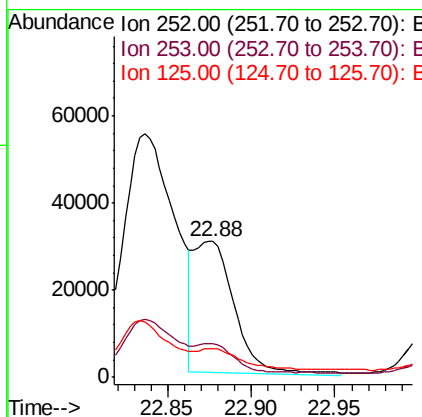
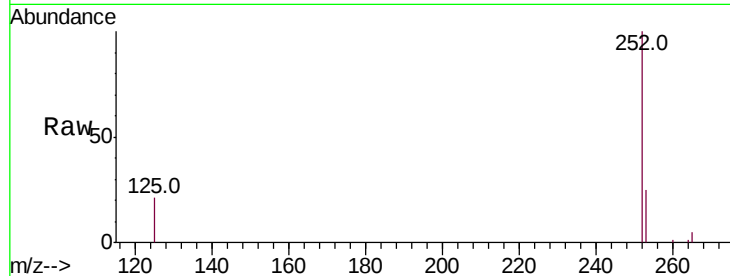
#22
Benzo(k)fluoranthene
Concen: 0.700 ng/u1 m
RT: 22.88 min Scan# 5255
Delta R.T. -0.05 min
Lab File: BN006145.D
Acq: 06 Jun 2019 20:35

Instrument :
BNA_N
ClientSampleId :
C0AB3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.3	30.5
125	21.4	14.3	21.5

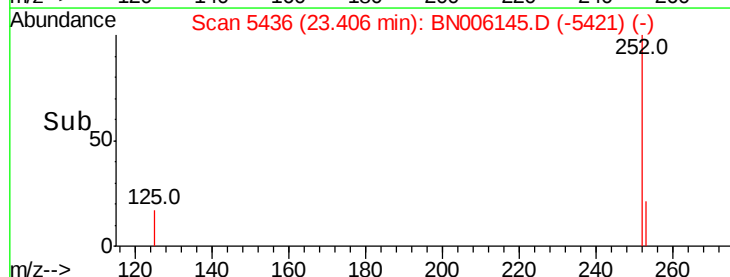
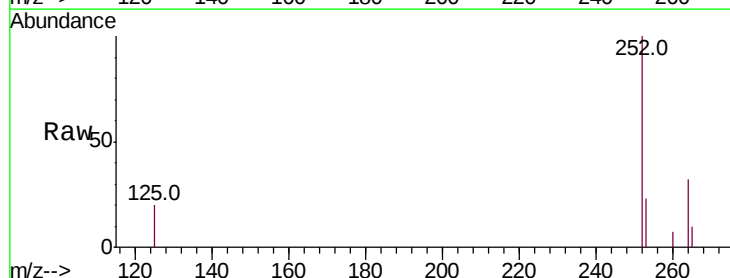
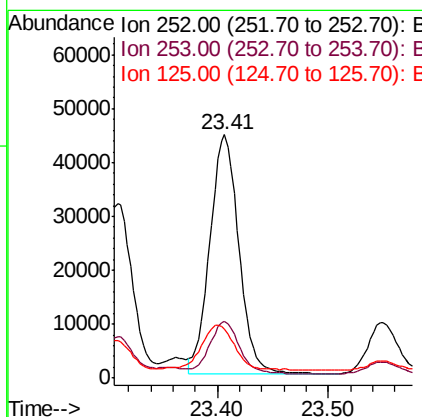
Manual Integrations
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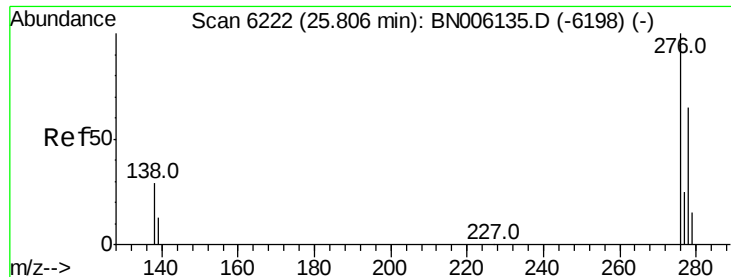
mohammad
6/11/2019 5:07:24 PM



#23
Benzo(a)pyrene
Concen: 1.158 ng/u1
RT: 23.41 min Scan# 5436
Delta R.T. -0.06 min
Lab File: BN006145.D
Acq: 06 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.1	31.7
125	19.9	20.3	30.5#





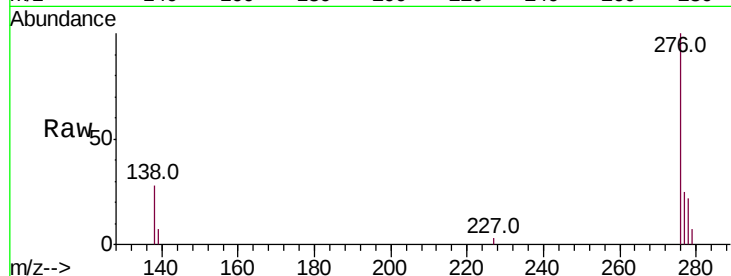
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.813 ng/ul
 RT: 25.73 min Scan# 6200
 Delta R.T. -0.07 min
 Lab File: BN006145.D
 Acq: 06 Jun 2019 20:35

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3

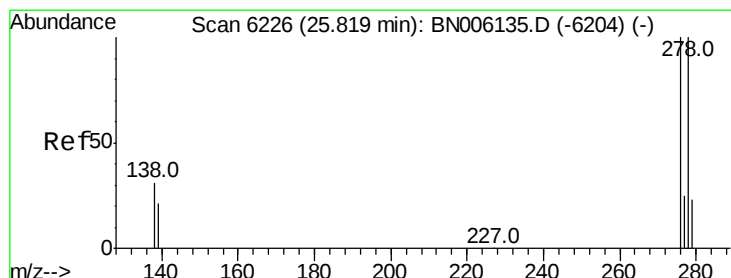
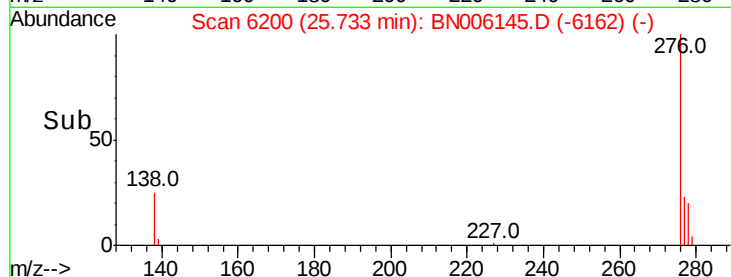
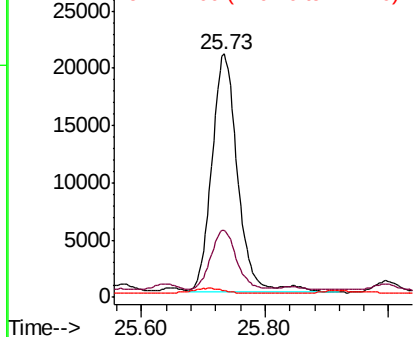
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.6	38.4#
227	0.0	0.3	0.5#

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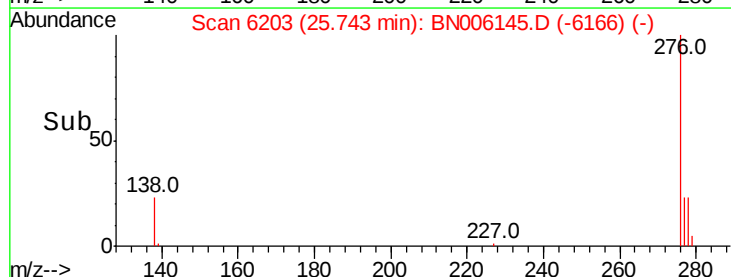
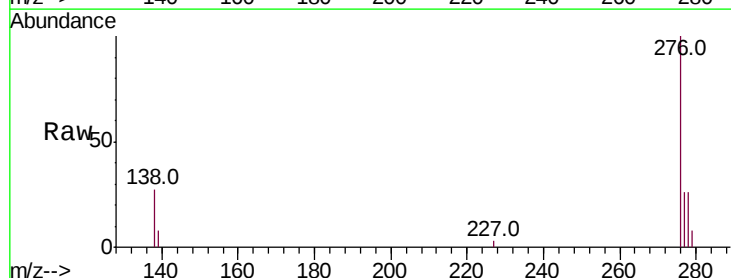
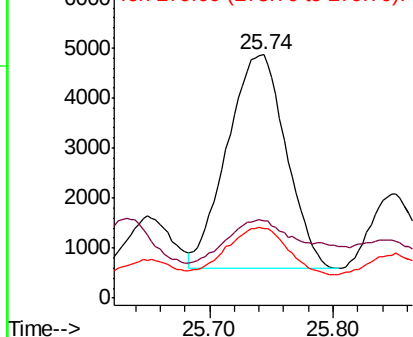
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

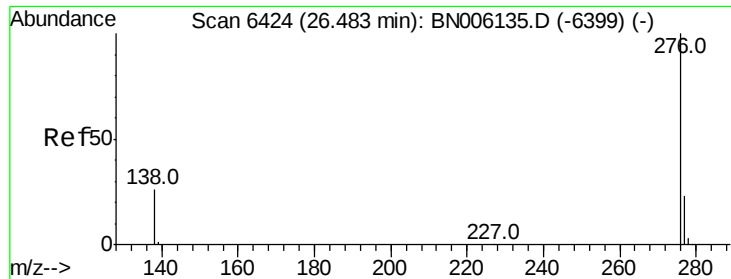


#25
 Dibenzo(a,h)anthracene
 Concen: 0.237 ng/ul
 RT: 25.74 min Scan# 6203
 Delta R.T. -0.08 min
 Lab File: BN006145.D
 Acq: 06 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.6	21.2	31.8
279	28.7	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





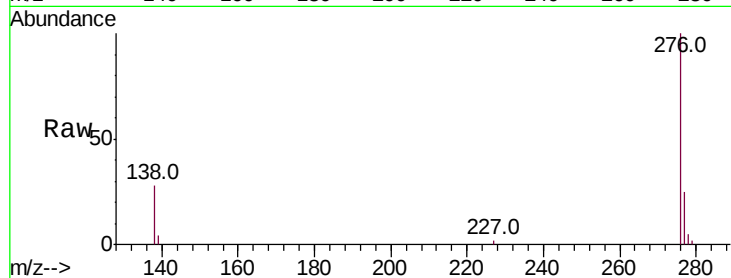
#26
Benzo(a,h,i)perylene
Concen: 0.743 ng/ul
RT: 26.42 min Scan# 6405
Delta R.T. -0.06 min
Lab File: BN006145.D
Acq: 06 Jun 2019 20:35

Instrument :
BNA_N
ClientSampleId :
C0AB3

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	24.2	36.4
277	24.8	21.5	32.3

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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

