

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006888.D
 Acq On : 18 Jul 2019 13:13
 Operator : HP/JU
 Sample : K3822-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B0

Manual Integrations
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 7/19/2019 3:59:13 PM

Quant Time: Jul 18 14:37:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 06:39:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4655	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	17163	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.23	164	15430	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	20817m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	16970m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	15199m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	7086	0.27	ng/ul	-0.02
14) Fluoranthene-d10	19.04	212	17235m	0.28	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	22206886	450.676	ng/ul	97
5) 2-Methylnaphthalene	12.03	142	3087998	92.748	ng/ul	98
7) Acenaphthylene	13.95	152	216772	2.722	ng/ul#	92
8) Acenaphthene	14.30	153	3521744	57.372	ng/ul	98
9) Fluorene	15.30	166	2538320	37.732	ng/ul	98
11) Pentachlorophenol	16.67	266	197m	0.064	ng/ul	
12) Phenanthrene	17.04	178	3147510m	47.002	ng/ul	
13) Anthracene	17.12	178	298787m	5.163	ng/ul	
15) Fluoranthene	19.07	202	609406m	7.360	ng/ul	
17) Pyrene	19.43	202	344807	4.446	ng/ul	98
18) Benzo(a)anthracene	21.21	228	17636	0.253	ng/ul	96
19) Chrysene	21.26	228	5444m	0.070	ng/ul	
21) Benzo(b)fluoranthene	22.79	252	3456m	0.055	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	1838m	0.028	ng/ul	
23) Benzo(a)pyrene	23.35	252	2590	0.042	ng/ul#	57

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

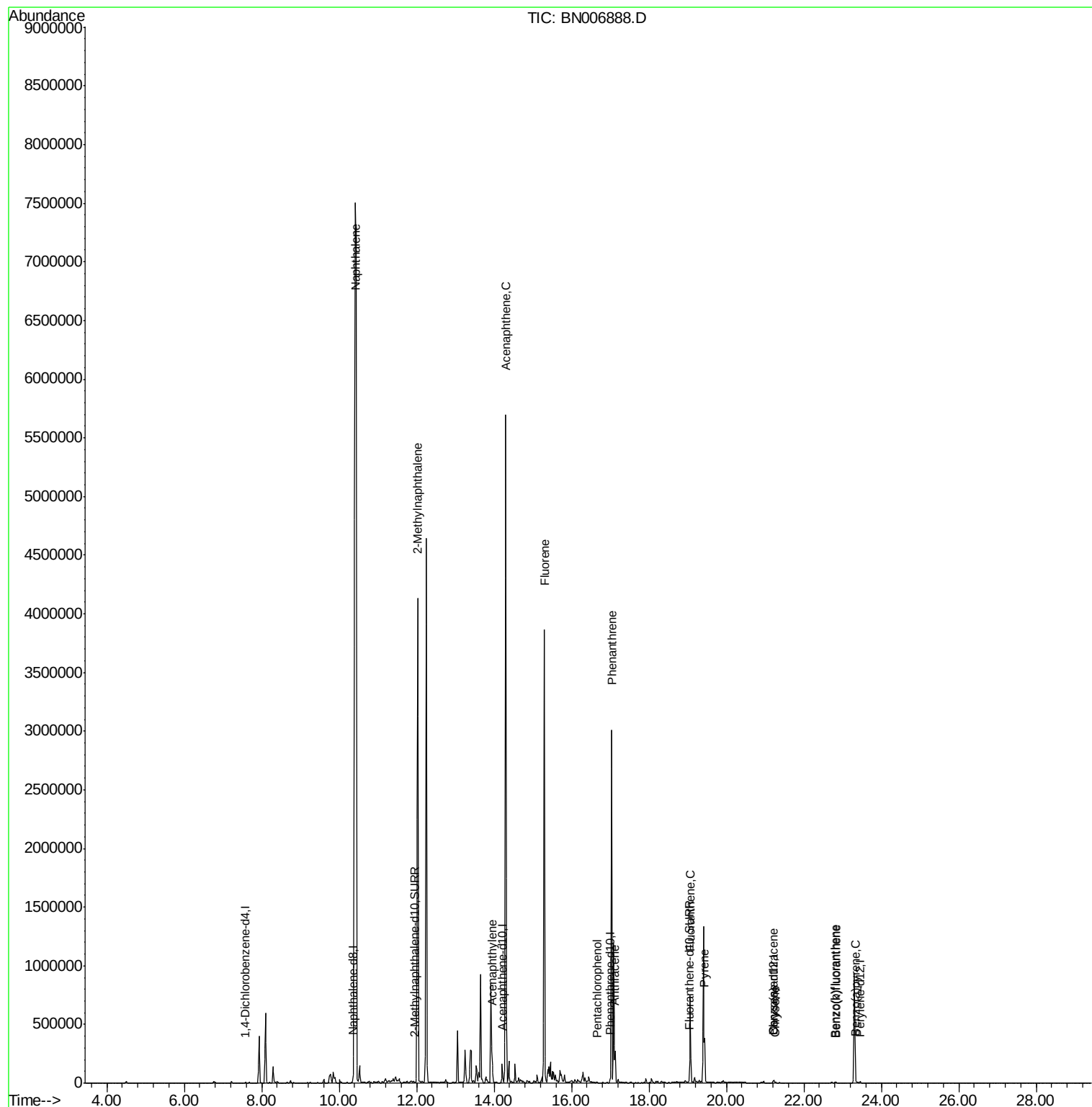
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006888.D
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ALS Vial : 5 Sample Multiplier: 1

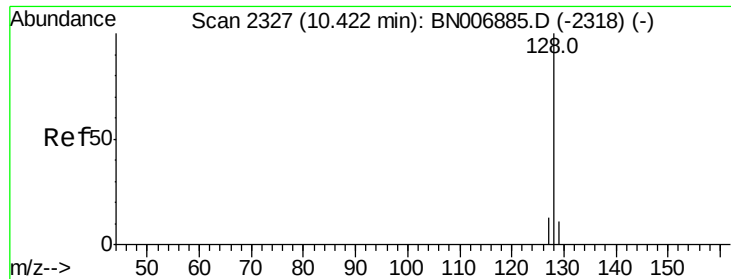
Instrument :
BNA_N
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Quant Time: Jul 18 14:37:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
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QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 450.676 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.01 min

Lab File: BN006888.D

Acq: 18 Jul 2019 13:13

Instrument :

BNA_N

ClientSampleId :

BF4B0

Tot Ion:128 Resp:22206886

Ion Ratio Lower Upper

128 100

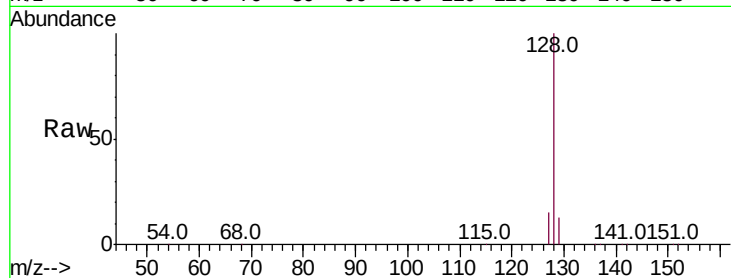
129 12.9 9.4 14.0

127 14.6 10.6 16.0

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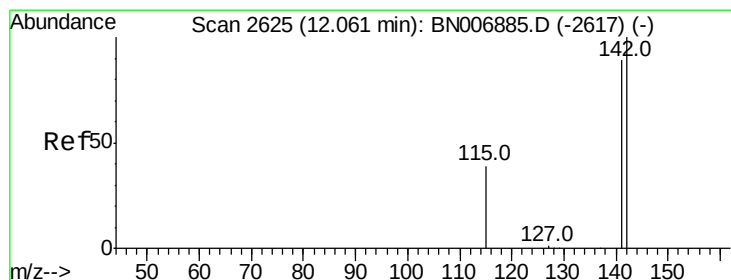
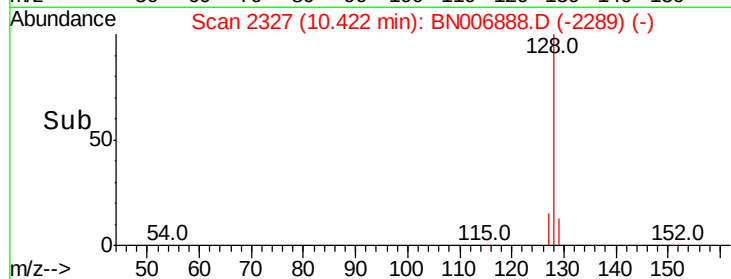
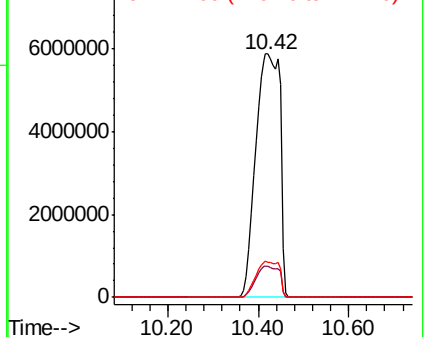
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 92.748 ng/ul

RT: 12.03 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BN006888.D

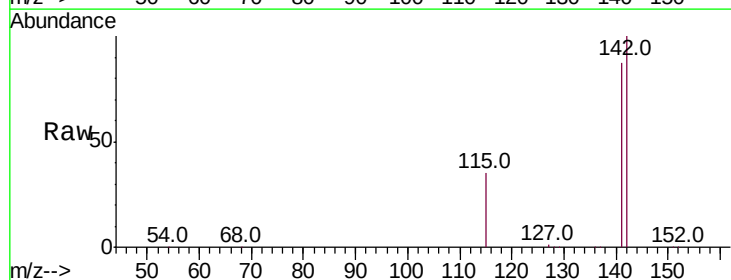
Acq: 18 Jul 2019 13:13

Tgt Ion:142 Resp: 3087998

Ion Ratio Lower Upper

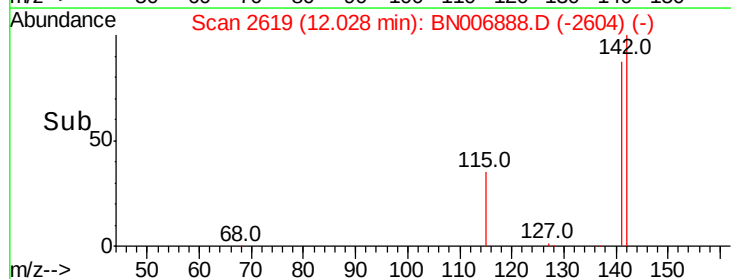
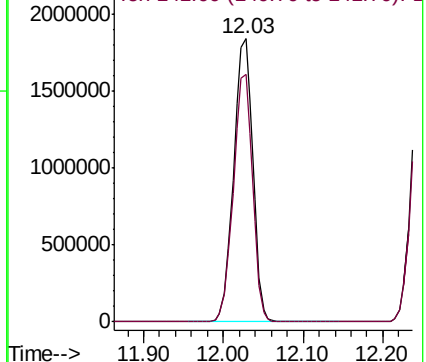
142 100

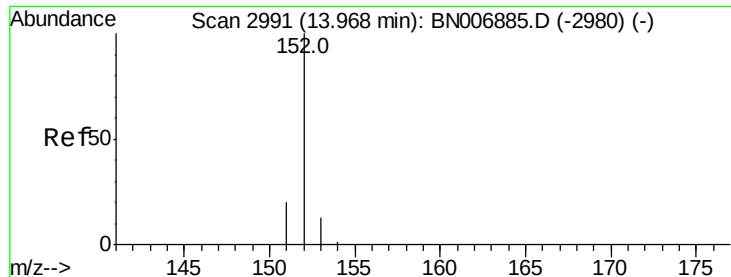
141 87.7 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.722 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BN006888.D

Acq: 18 Jul 2019 13:13

Instrument :

BNA_N

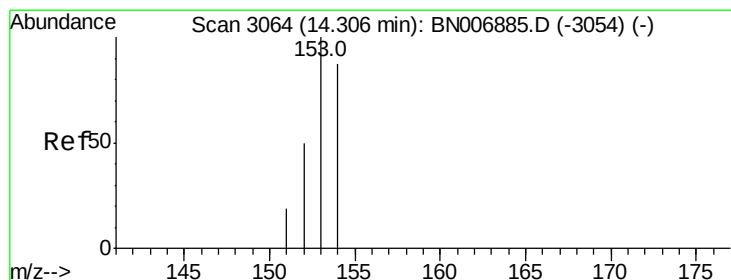
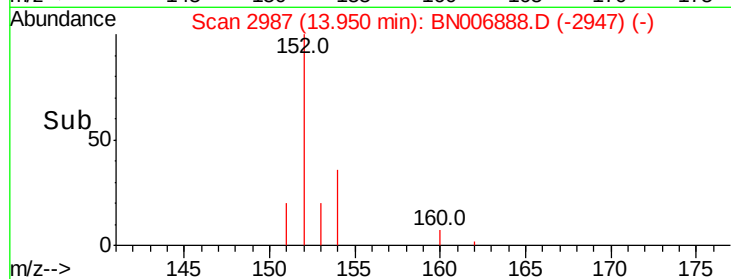
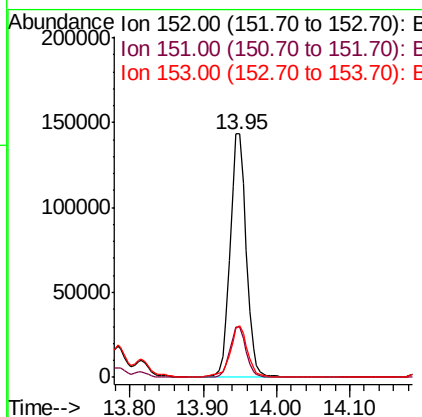
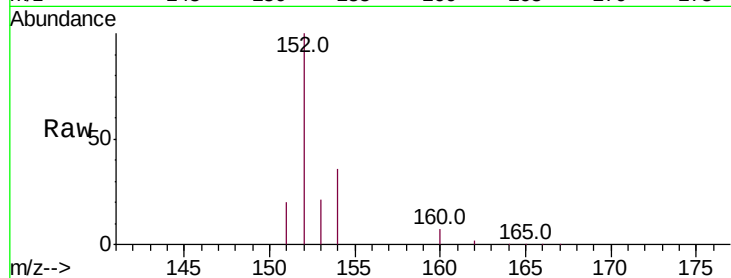
ClientSampleId :

BF4B0

Tot Ion:	152	Resp:	216772
Ion Ratio		Lower	Upper
152	100		
151	20.5	16.1	24.1
153	21.2	11.2	16.8#

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#8

Acenaphthene

Concen: 57.372 ng/ul

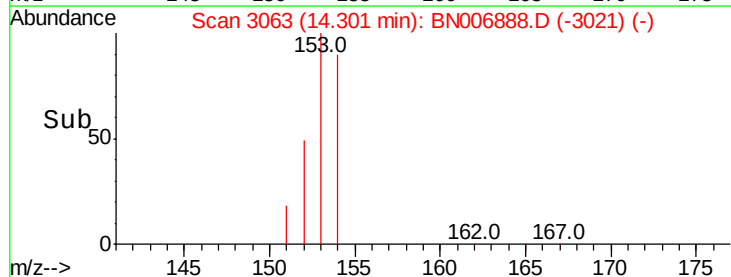
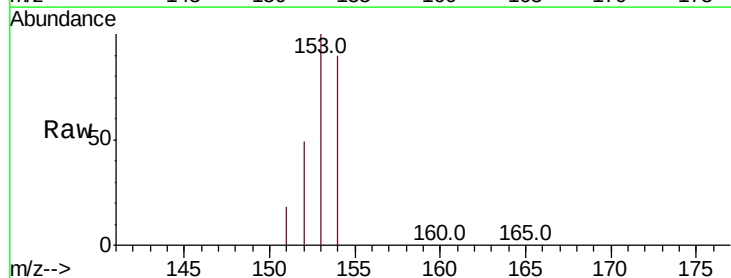
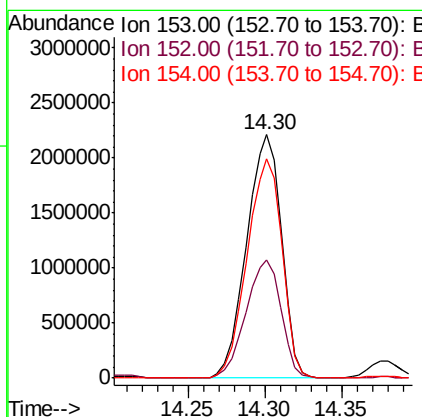
RT: 14.30 min Scan# 3063

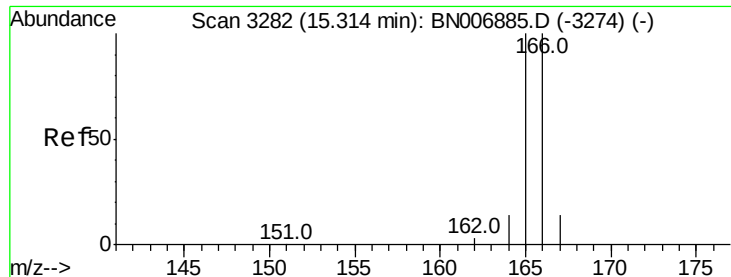
Delta R.T. -0.00 min

Lab File: BN006888.D

Acq: 18 Jul 2019 13:13

Tgt Ion:	153	Resp:	3521744
Ion Ratio		Lower	Upper
153	100		
152	48.7	39.3	58.9
154	90.2	70.6	105.8





#9

Fluorene

Concen: 37.732 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BN006888.D

Acq: 18 Jul 2019 13:13

Instrument :

BNA_N

ClientSampleId :

BF4B0

Tot Ion:166 Resp: 2538320

Ion Ratio Lower Upper

166 100

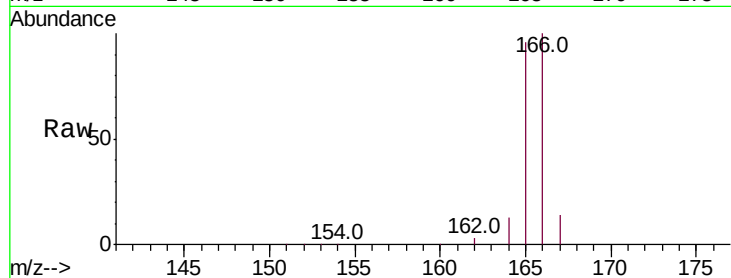
165 95.8 78.2 117.4

167 14.4 11.3 16.9

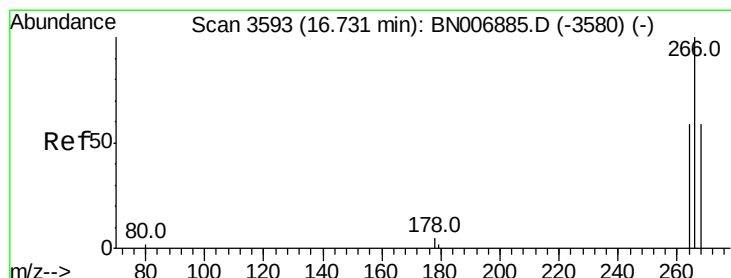
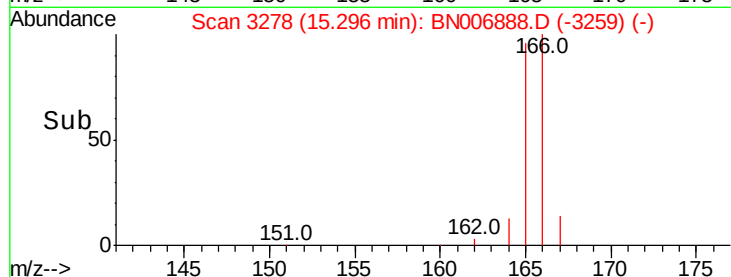
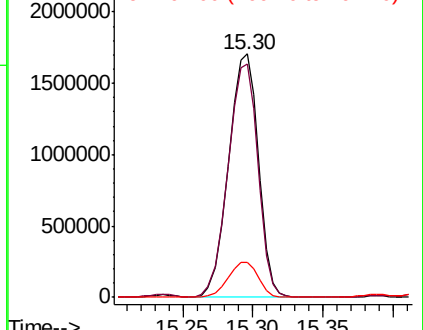
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.064 ng/ul m

RT: 16.67 min Scan# 3579

Delta R.T. -0.05 min

Lab File: BN006888.D

Acq: 18 Jul 2019 13:13

Tgt Ion:266 Resp: 197

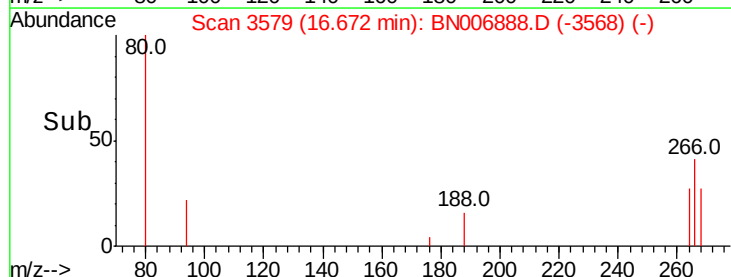
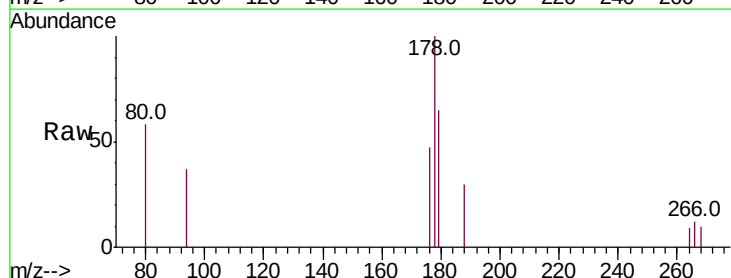
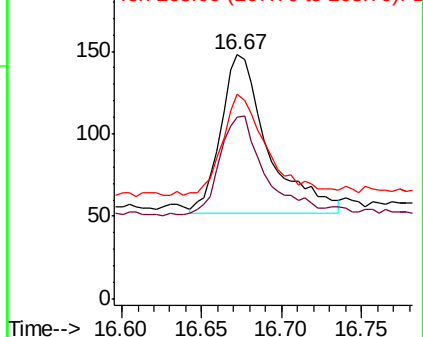
Ion Ratio Lower Upper

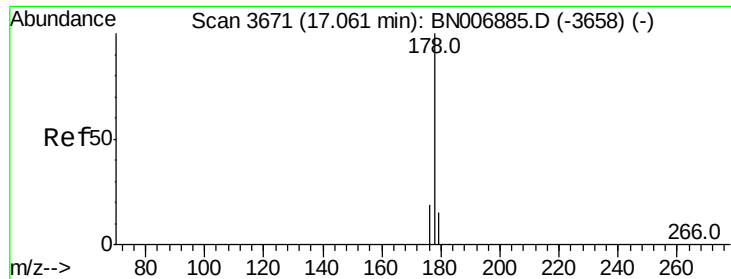
266 100

264 1.0 45.9 68.9#

268 0.0 48.1 72.1#

Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 47.002 ng/ul m

RT: 17.04 min Scan# 3665

Delta R.T. -0.02 min

Lab File: BN006888.D

Acq: 18 Jul 2019 13:13

Instrument :

BNA_N

ClientSampleId :

BF4B0

Tot Ion:178 Resp: 3147510

Ion Ratio Lower Upper

178 100

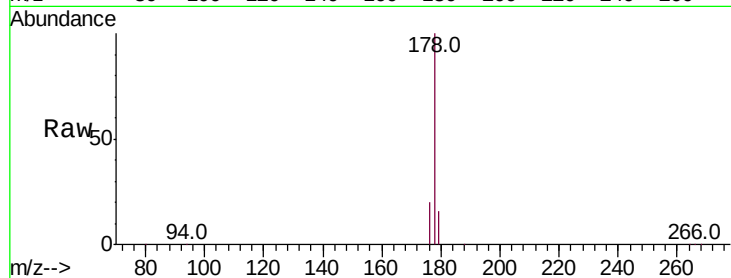
179 16.2 12.6 19.0

176 20.1 15.8 23.8

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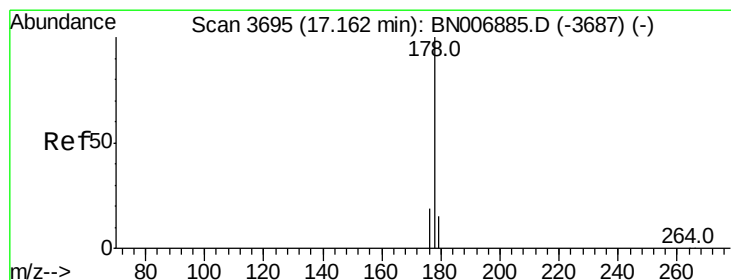
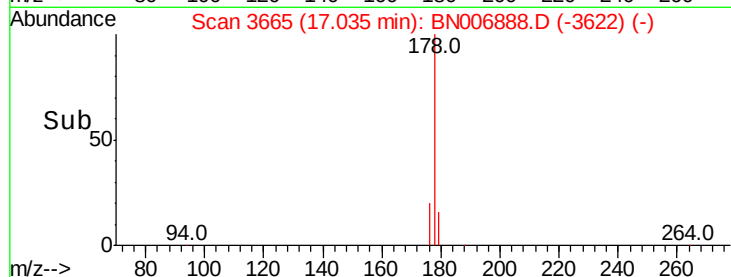
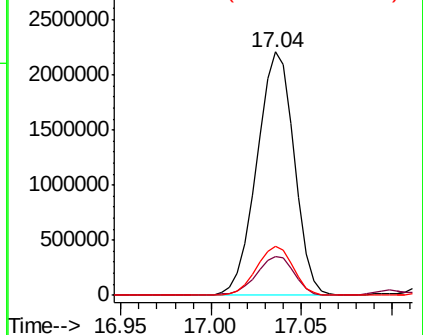
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 5.163 ng/ul m

RT: 17.12 min Scan# 3686

Delta R.T. -0.03 min

Lab File: BN006888.D

Acq: 18 Jul 2019 13:13

Tgt Ion:178 Resp: 298787

Ion Ratio Lower Upper

178 100

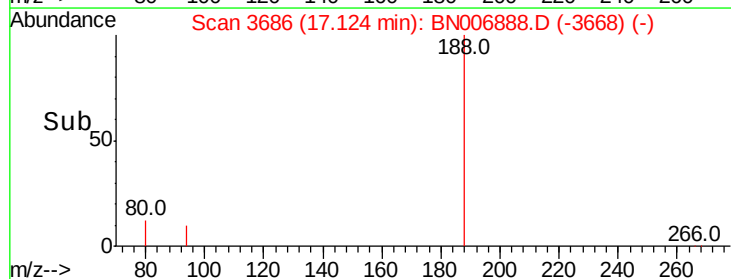
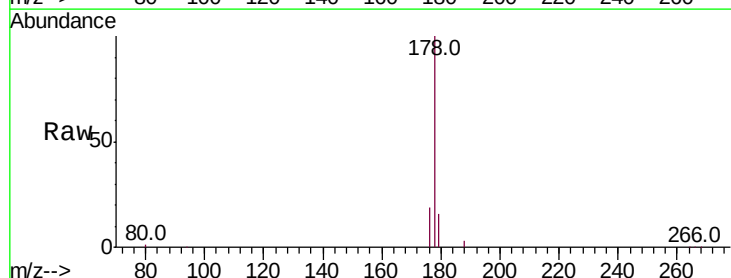
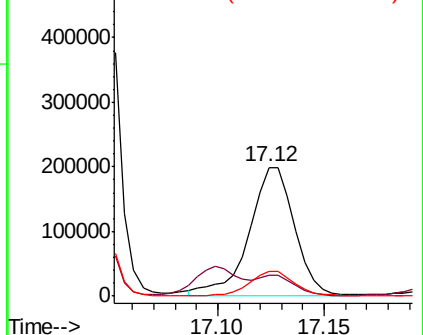
179 16.2 12.7 19.1

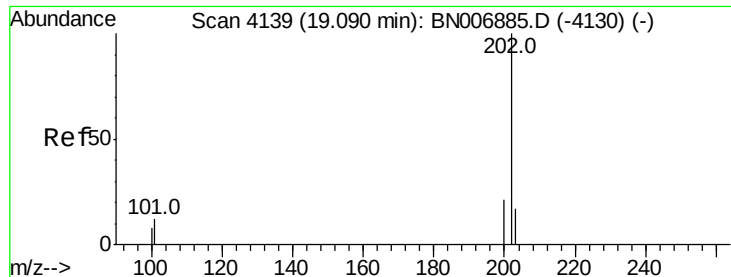
176 19.5 15.8 23.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 7.360 ng/ul m

RT: 19.07 min Scan# 4134

Delta R.T. -0.02 min

Lab File: BN006888.D

Acq: 18 Jul 2019 13:13

Instrument :

BNA_N

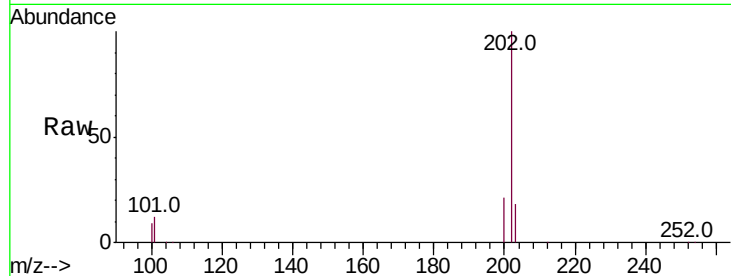
ClientSampleId :

BF4B0

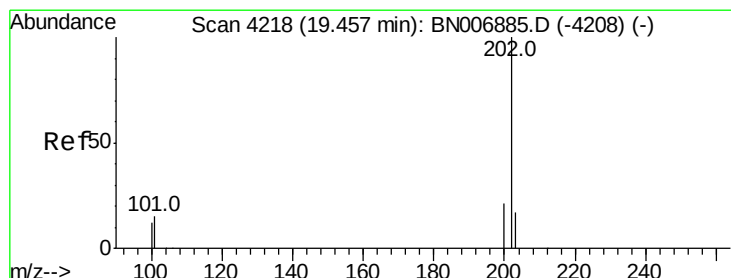
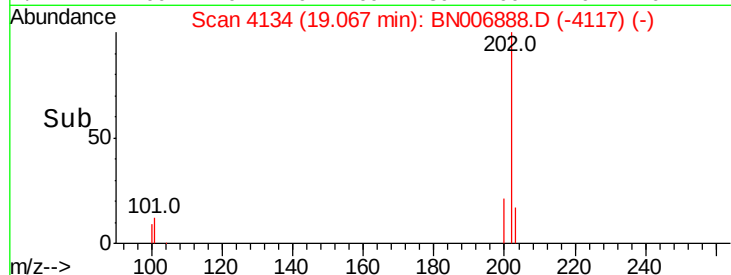
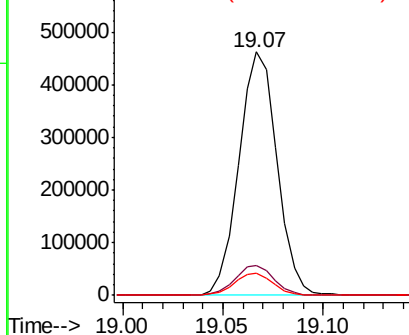
Tot Ion:	202	Resp:	609406
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.2
100	9.2	0.0	29.9

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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



#17

Pyrene

Concen: 4.446 ng/ul

RT: 19.43 min Scan# 4213

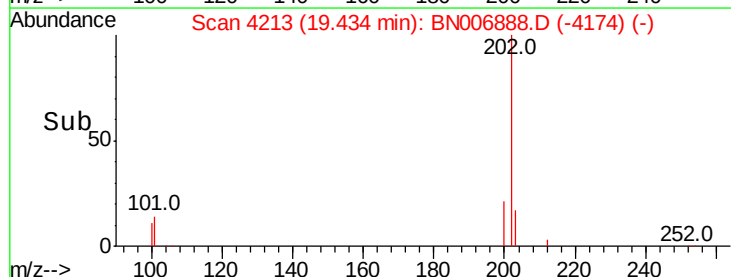
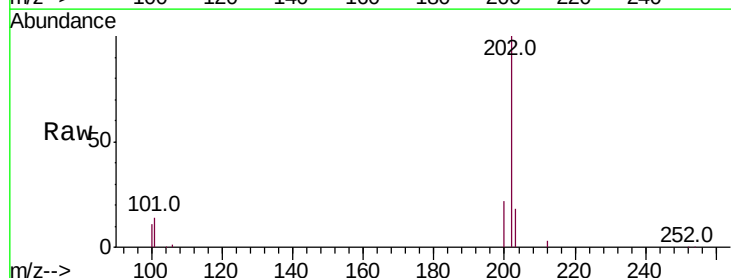
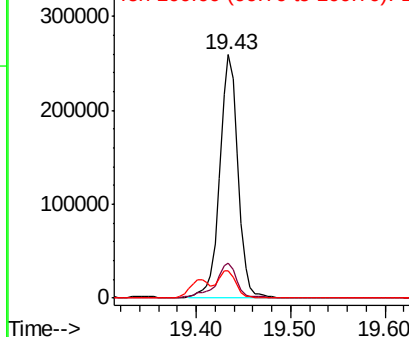
Delta R.T. -0.02 min

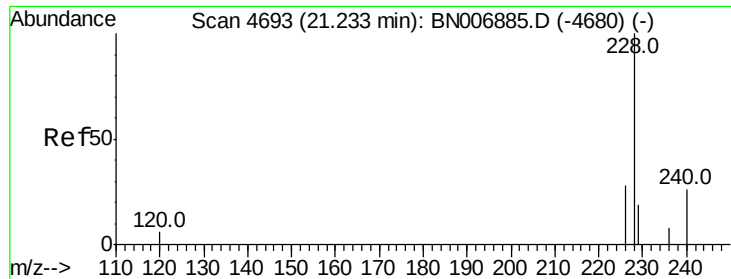
Lab File: BN006888.D

Acq: 18 Jul 2019 13:13

Tgt Ion:	202	Resp:	344807
Ion Ratio	Lower	Upper	
202	100		
101	14.3	12.2	18.2
100	11.4	9.8	14.8

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





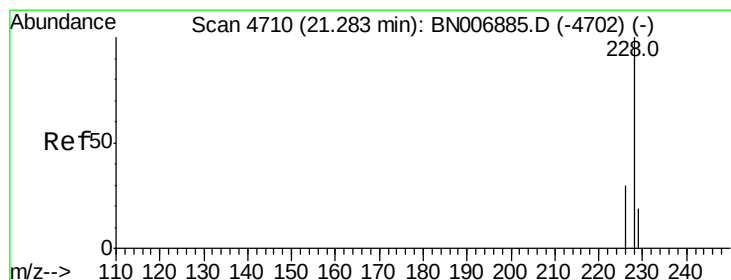
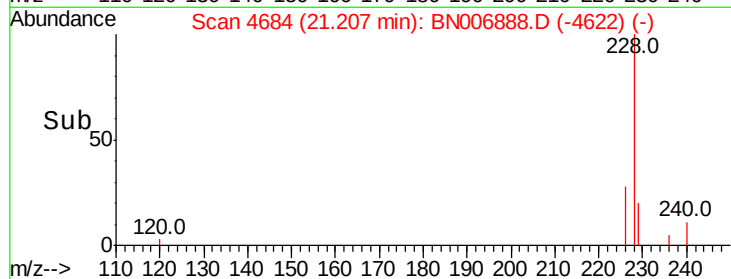
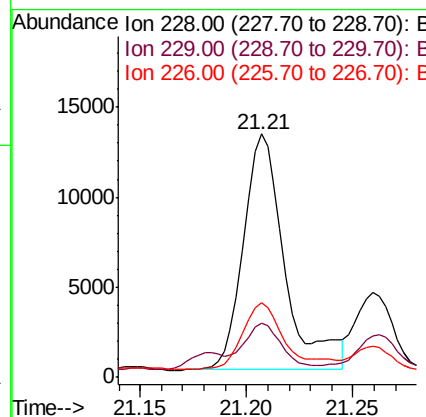
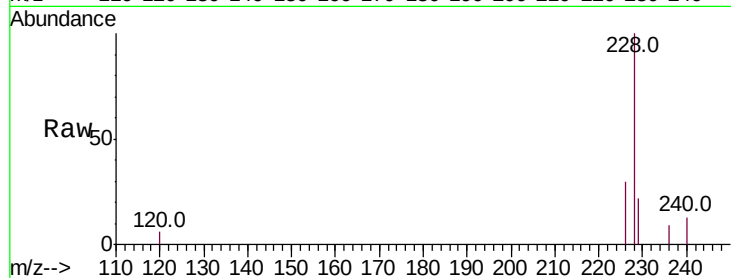
#18
Benzo(a)anthracene
Concen: 0.253 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.02 min
Lab File: BN006888.D
Acq: 18 Jul 2019 13:13

Instrument :
BNA_N
ClientSampleId :
BF4B0

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.9	23.9
226	30.5	22.6	34.0

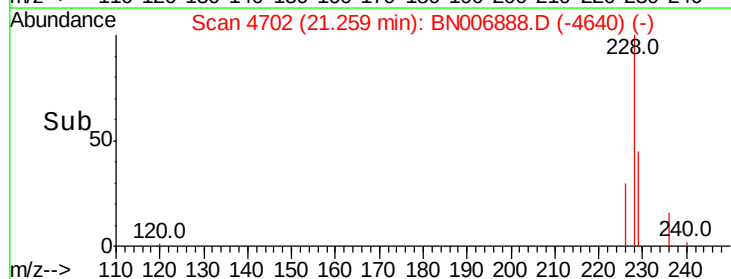
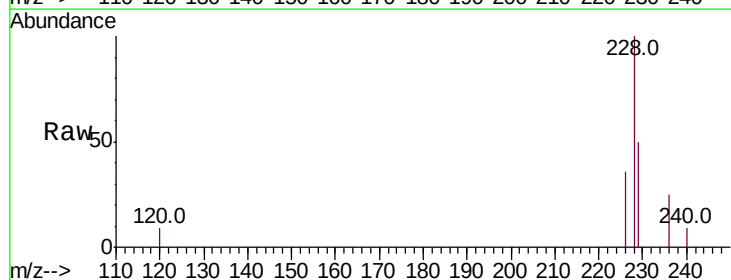
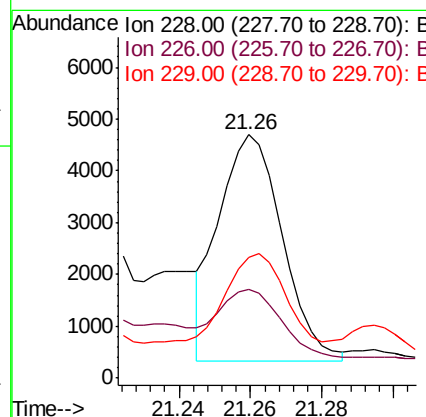
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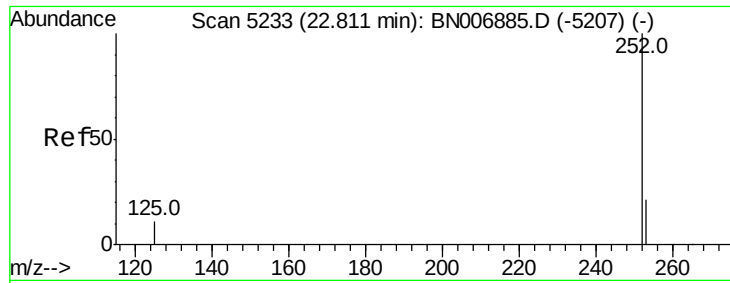
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#19
Chrysene
Concen: 0.070 ng/ul m
RT: 21.26 min Scan# 4702
Delta R.T. -0.02 min
Lab File: BN006888.D
Acq: 18 Jul 2019 13:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.3	24.2	36.4
229	49.6	15.5	23.3#





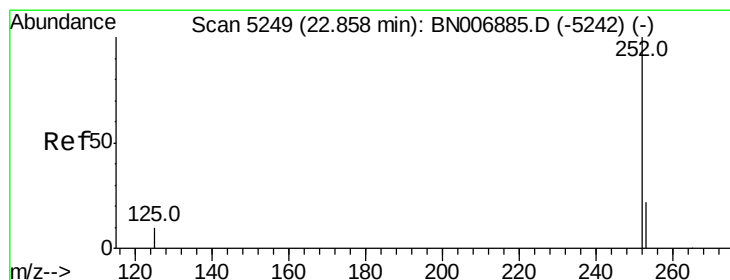
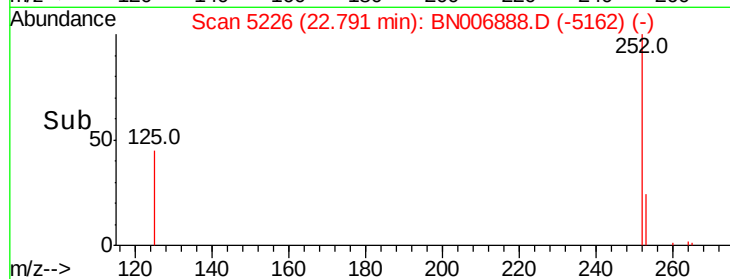
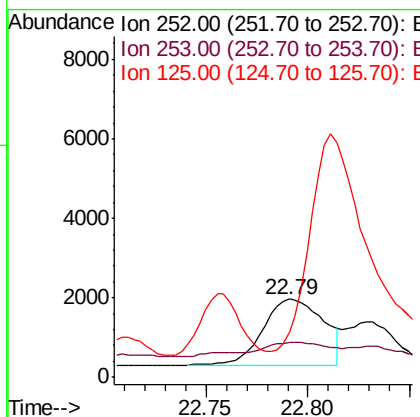
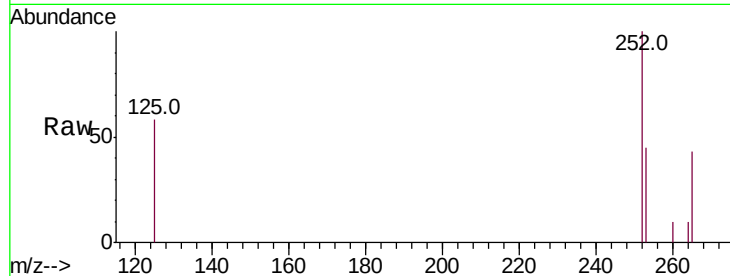
#21
Benzo(b)fluoranthene
Concen: 0.055 ng/ul m
RT: 22.79 min Scan# 5226
Delta R.T. -0.01 min
Lab File: BN006888.D
Acq: 18 Jul 2019 13:13

Instrument :
BNA_N
ClientSampleId :
BF4B0

Tot Ion	Ratio	Lower	Upper
252	100		
253	44.6	0.0	47.8
125	58.1	0.0	29.2#

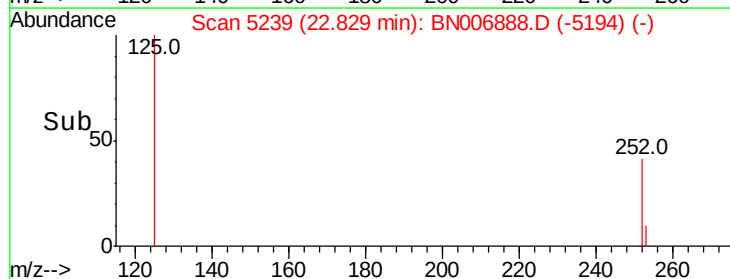
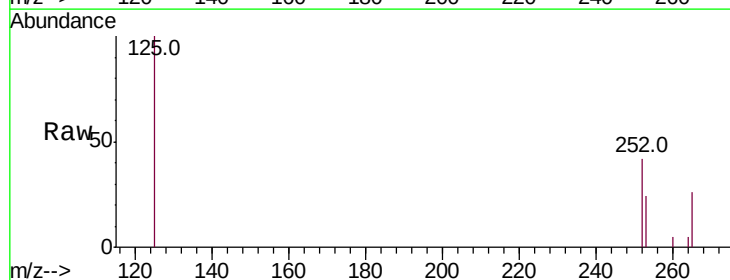
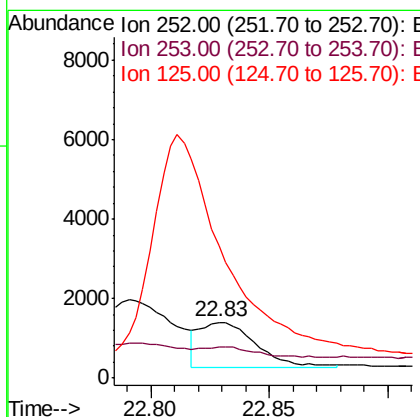
Manual Integrations
APPROVED

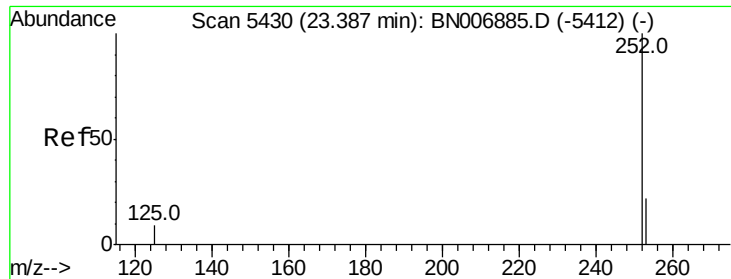
mohammad
7/19/2019 3:59:13 PM



#22
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 22.83 min Scan# 5239
Delta R.T. -0.02 min
Lab File: BN006888.D
Acq: 18 Jul 2019 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.7	19.2	28.8#
125	235.4	11.0	16.6#





#23

Benzo(a)pyrene

Concen: 0.042 ng/ul

RT: 23.35 min Scan# 5417

Delta R.T. -0.03 min

Lab File: BN006888.D

Acq: 18 Jul 2019 13:13

Instrument :

BNA_N

ClientSampleId :

BF4B0

Tot Ion:	252	Resp:	2590
Ion Ratio	Lower	Upper	
252	100		
253	46.8	19.4	29.2#
125	32.4	12.6	19.0#

Manual Integrations
APPROVED

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7/19/2019 3:59:13 PM

