

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
 Data File : BN003797.D
 Acq On : 11 Dec 2018 02:29
 Operator : JU/SJ
 Sample : J6077-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9Y32

Manual Integrations
 APPROVED

Sohil
 12/11/2018 6:12:30 PM

Quant Time: Dec 11 05:48:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 11 04:22:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6203	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	26679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	11493m	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.23	188	22846m	0.40	ng/ul	0.02
16) Chrysene-d12	21.41	240	14362m	0.40	ng/ul	0.02
20) Perylene-d12	23.74	264	16751m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5792m	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	18452m	0.28	ng/ul	0.01
Target Compounds						
					Ovalue	
3) Naphthalene	10.69	128	2386124	31.841	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	581899	11.120	ng/ul	99
7) Acenaphthylene	14.20	152	59699	1.154	ng/ul#	1
8) Acenaphthene	14.55	153	131811	2.907	ng/ul#	91
9) Fluorene	15.53	166	144269	2.729	ng/ul#	78
12) Phenanthrene	17.27	178	341959m	4.561	ng/ul	
13) Anthracene	17.36	178	65115m	1.057	ng/ul	
15) Fluoranthene	19.29	202	145152m	1.639	ng/ul	
17) Pyrene	19.65	202	266954m	5.182	ng/ul	
18) Benzo(a)anthracene	21.40	228	28011m	0.618	ng/ul	
19) Chrysene	21.43	228	163902m	3.157	ng/ul	
26) Benzo(g,h,i)perylene	26.85	276	30590	0.511	ng/ul#	1

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

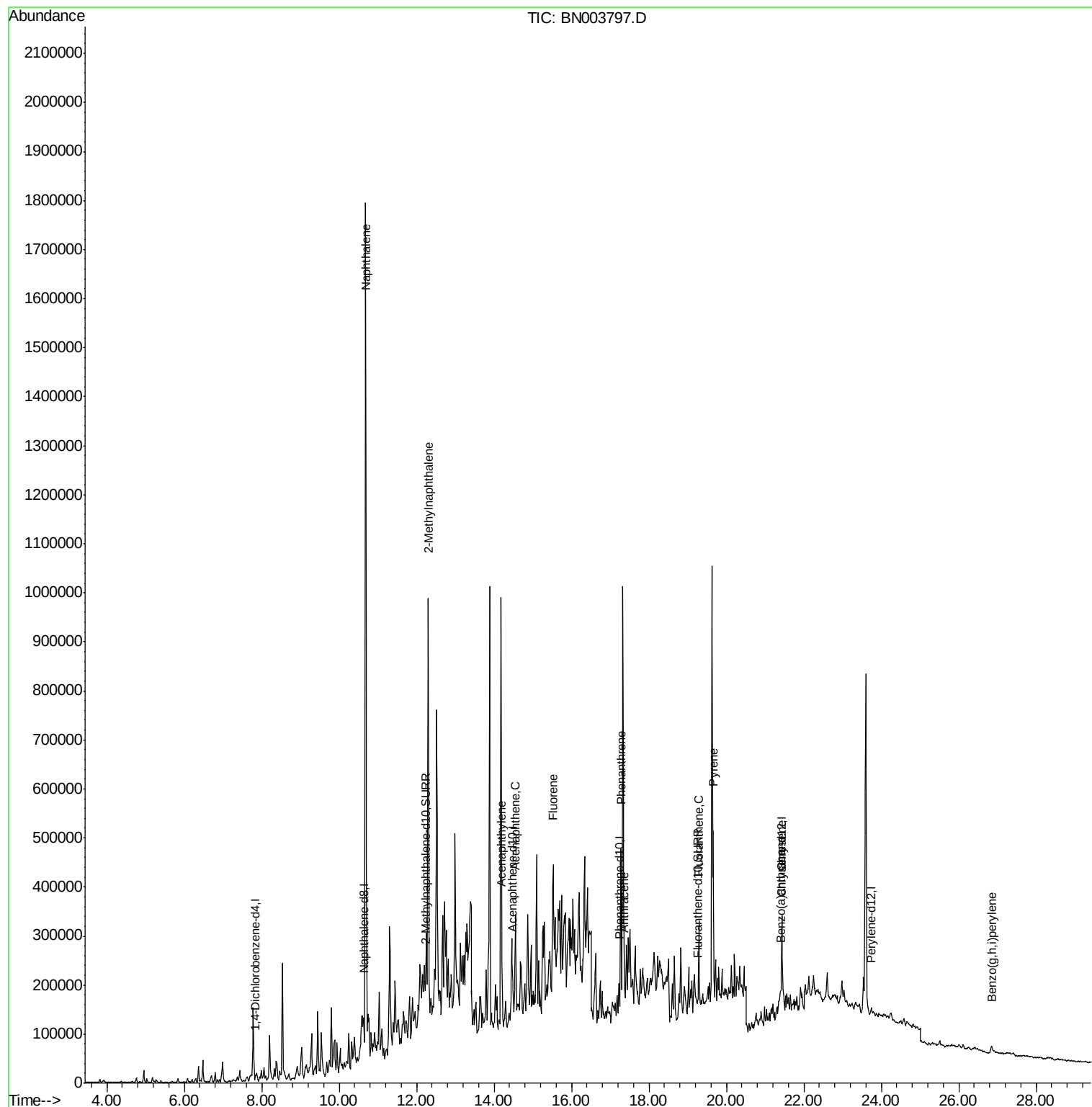
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003797.D
Acq On : 11 Dec 2018 02:29
Operator : JU/SJ
Sample : J6077-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

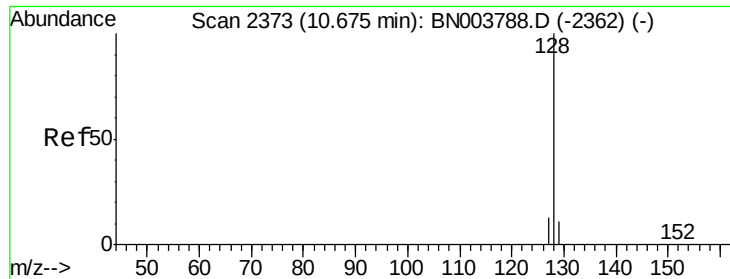
Instrument :
BNA_N
ClientSampleId :
F9Y32

Manual Integrations
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Quant Time: Dec 11 05:48:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 31.841 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.01 min

Lab File: BN003797.D

Acq: 11 Dec 2018 02:29

Instrument :

BNA_N

ClientSampleId :

F9Y32

Tot Ion:128 Resp: 2386124

Ion Ratio Lower Upper

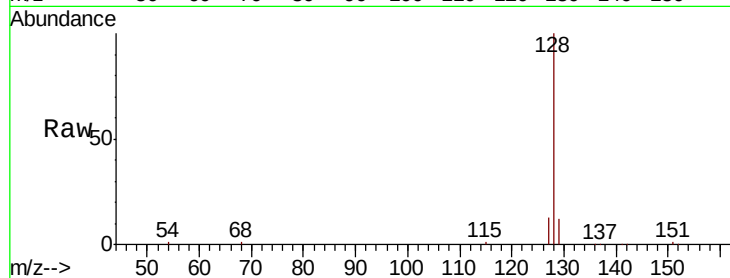
128 100

129 11.8 9.0 13.6

127 13.2 10.5 15.7

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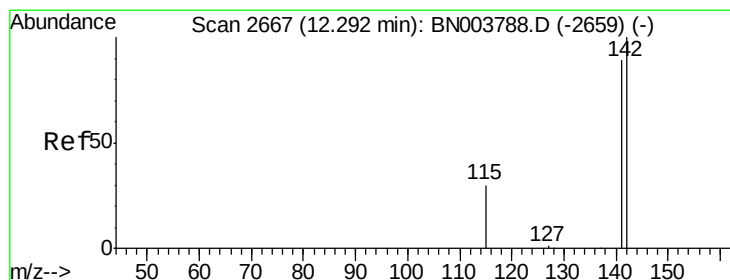
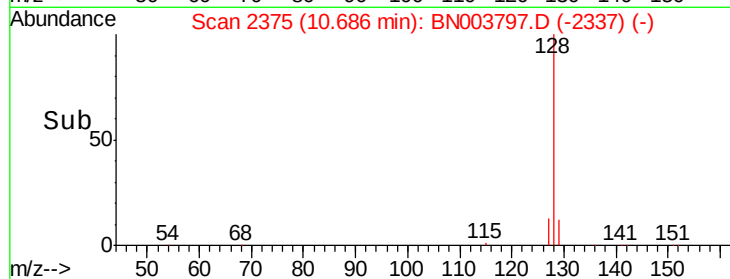
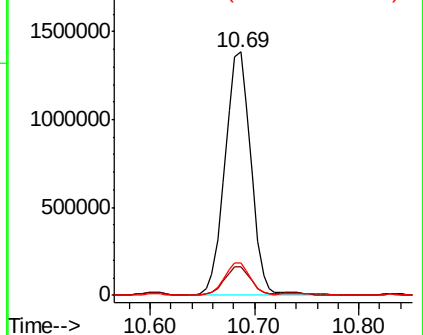
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 11.120 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BN003797.D

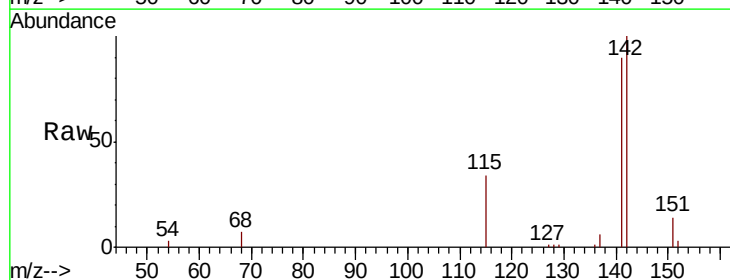
Acq: 11 Dec 2018 02:29

Tgt Ion:142 Resp: 581899

Ion Ratio Lower Upper

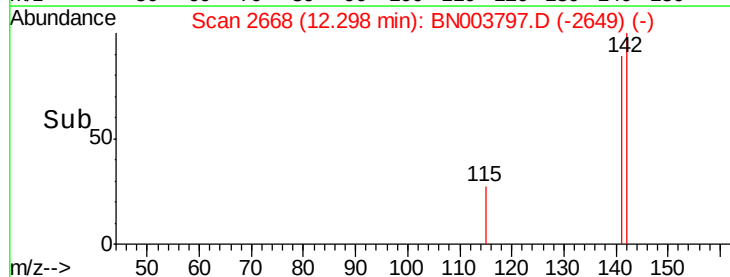
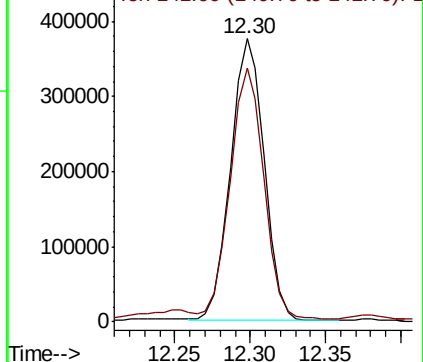
142 100

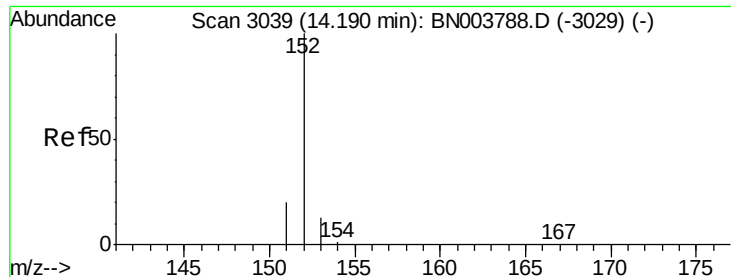
141 88.9 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.154 ng/ul

RT: 14.20 min Scan# 3042

Delta R.T. 0.01 min

Lab File: BN003797.D

Acq: 11 Dec 2018 02:29

Instrument :

BNA_N

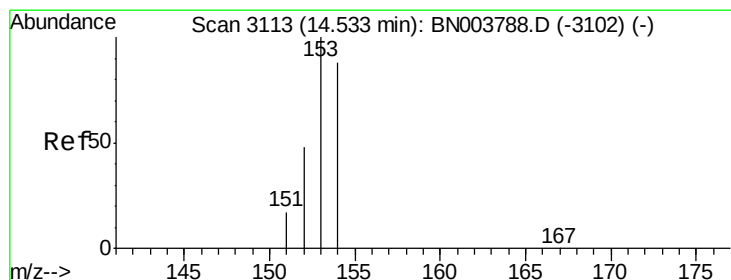
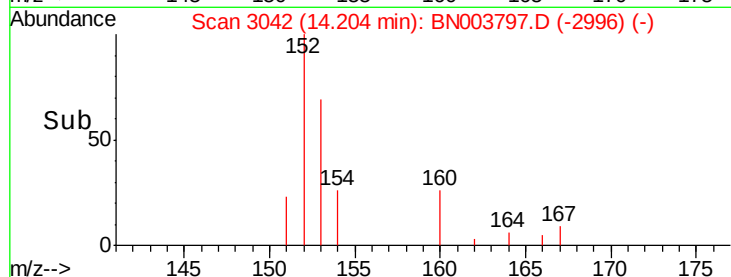
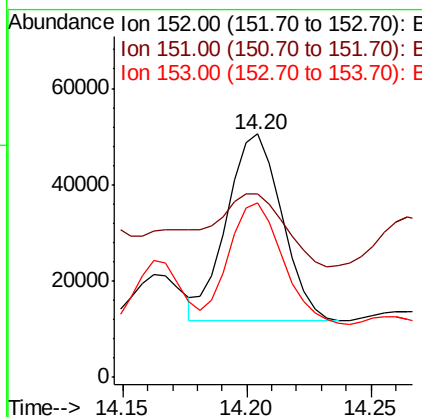
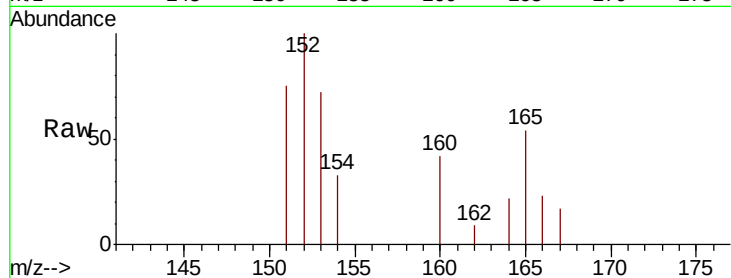
ClientSampled :

F9Y32

Tot Ion:	152	Resp:	59699
Ion Ratio	Lower	Upper	
152	100		
151	75.5	15.9	23.9#
153	71.7	10.7	16.1#

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#8

Acenaphthene

Concen: 2.907 ng/ul

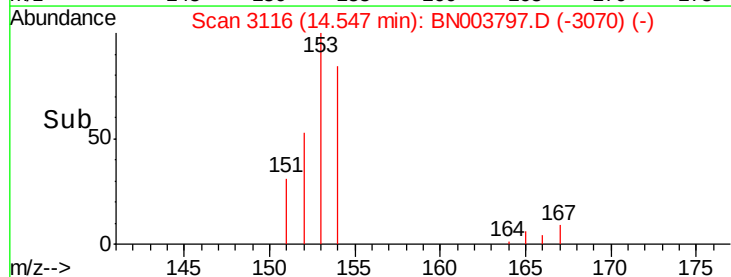
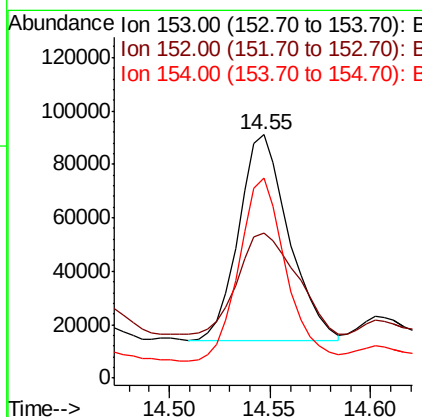
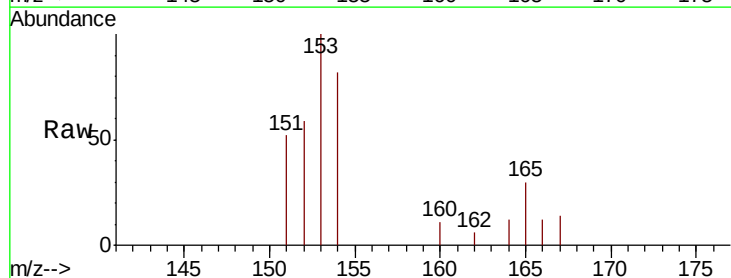
RT: 14.55 min Scan# 3116

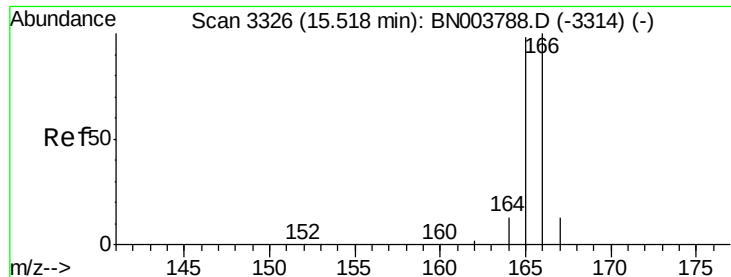
Delta R.T. 0.01 min

Lab File: BN003797.D

Acq: 11 Dec 2018 02:29

Tgt Ion:	153	Resp:	131811
Ion Ratio	Lower	Upper	
153	100		
152	59.4	39.3	58.9#
154	82.2	70.3	105.5





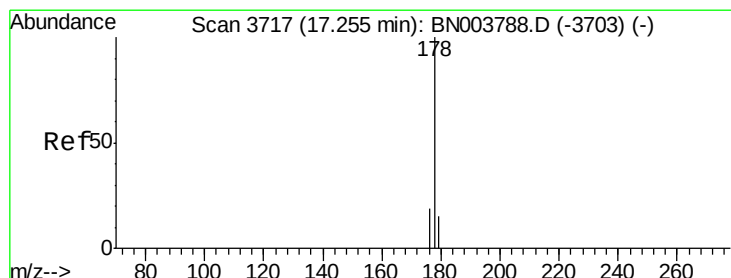
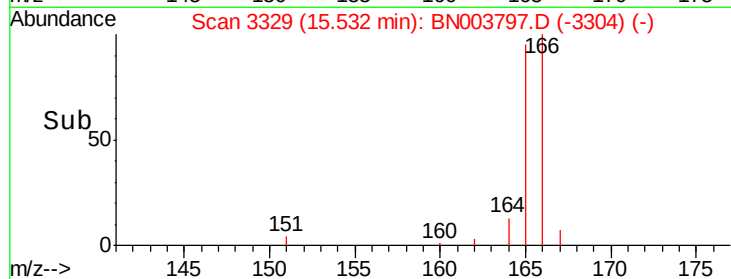
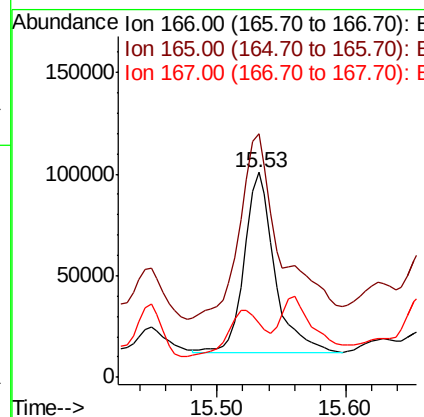
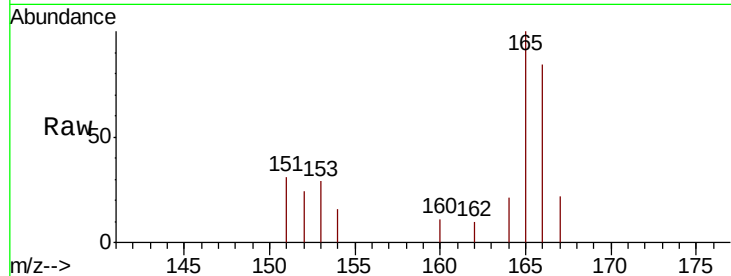
#9
Fluorene
 Concen: 2.729 ng/ul
 RT: 15.53 min Scan# 3329
 Delta R.T. 0.01 min
 Lab File: BN003797.D
 Acq: 11 Dec 2018 02:29

Instrument :
 BNA_N
 ClientSampleId :
 F9Y32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	118.8	78.3	144269	117.5#	
167	26.3	11.3		16.9#	

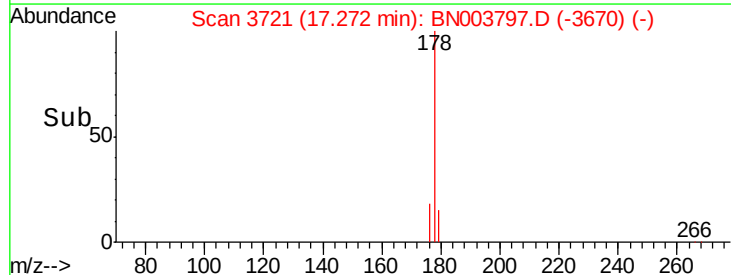
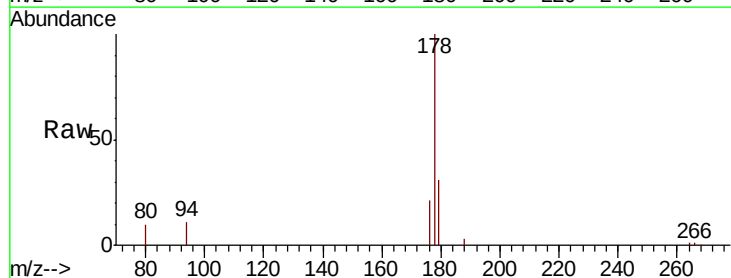
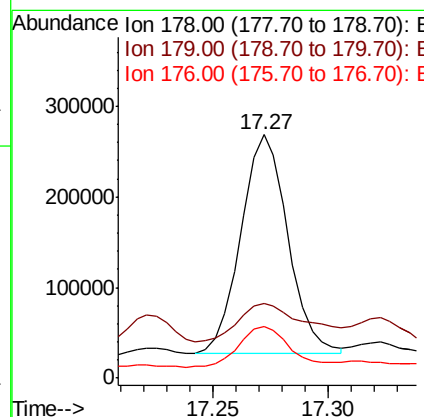
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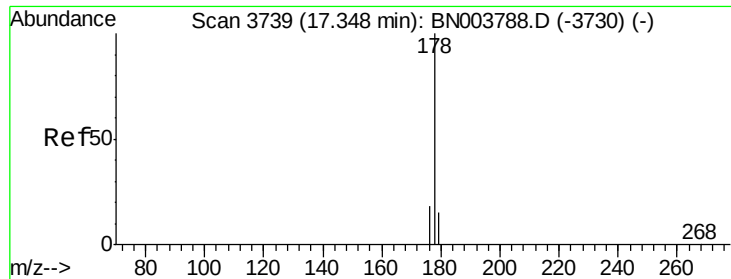
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#12
Phenanthrene
 Concen: 4.561 ng/ul m
 RT: 17.27 min Scan# 3721
 Delta R.T. 0.02 min
 Lab File: BN003797.D
 Acq: 11 Dec 2018 02:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		341959		
179	30.7	12.5		18.7#	
176	21.4	15.0		22.4	





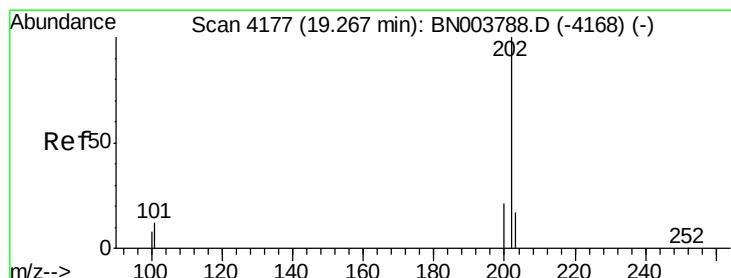
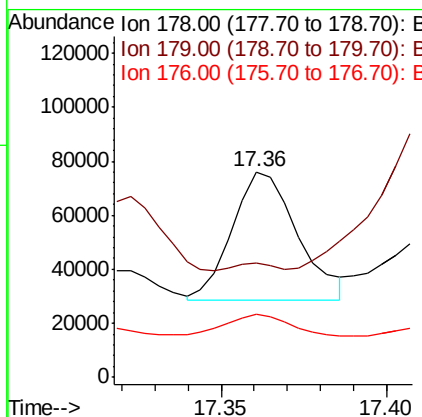
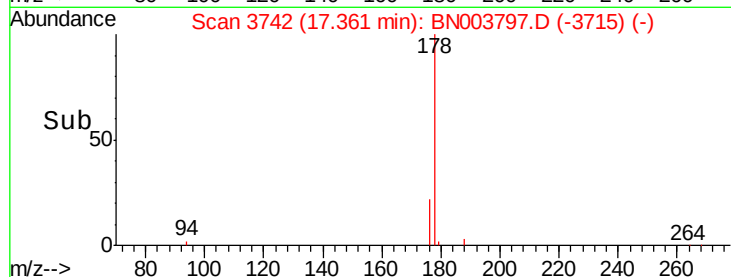
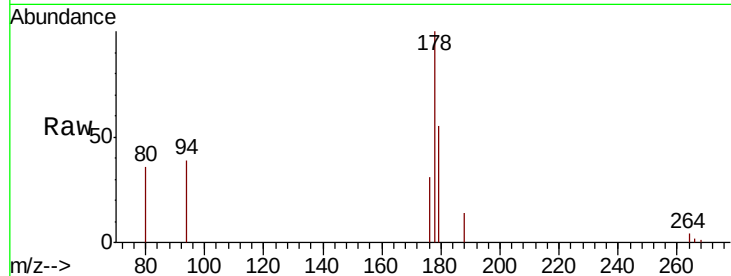
#13
 Anthracene
 Concen: 1.057 ng/ul m
 RT: 17.36 min Scan# 3742
 Delta R.T. 0.01 min
 Lab File: BN003797.D
 Acq: 11 Dec 2018 02:29

Instrument :
 BNA_N
 ClientSampled :
 F9Y32

Tot Ion:178 Resp: 65115
 Ion Ratio Lower Upper
 178 100
 179 55.4 12.3 18.5#
 176 30.8 14.8 22.2#

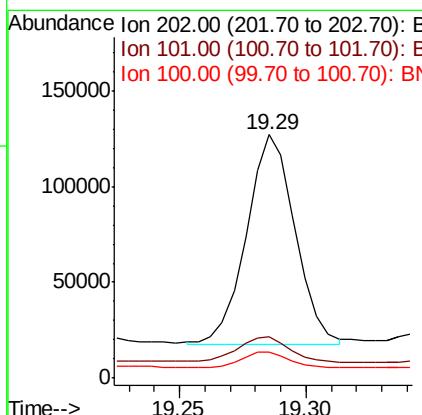
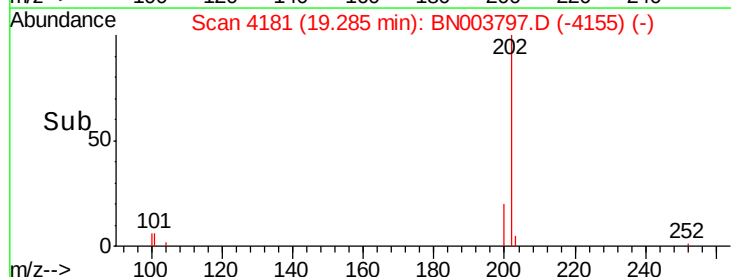
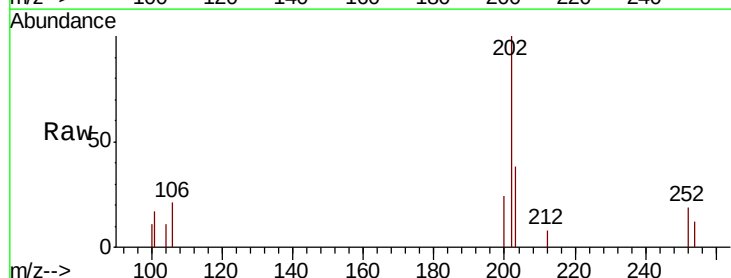
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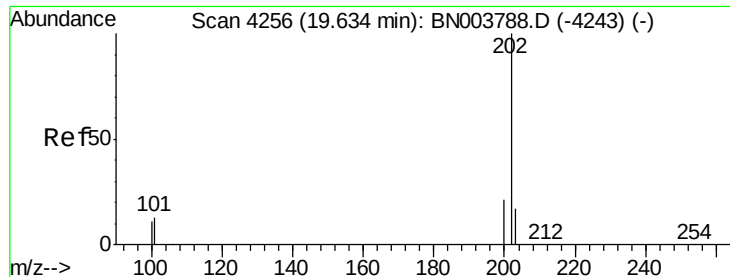
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#15
 Fluoranthene
 Concen: 1.639 ng/ul m
 RT: 19.29 min Scan# 4181
 Delta R.T. 0.02 min
 Lab File: BN003797.D
 Acq: 11 Dec 2018 02:29

Tgt Ion:202 Resp: 145152
 Ion Ratio Lower Upper
 202 100
 101 16.9 0.0 30.7
 100 10.7 0.0 28.1





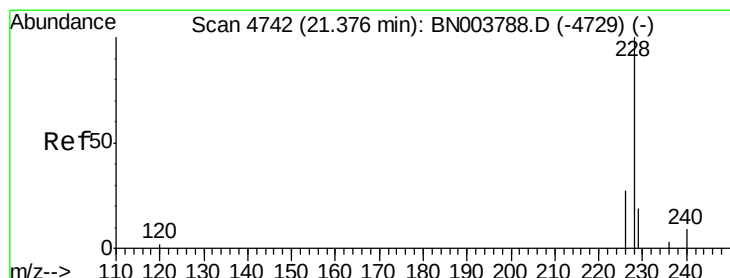
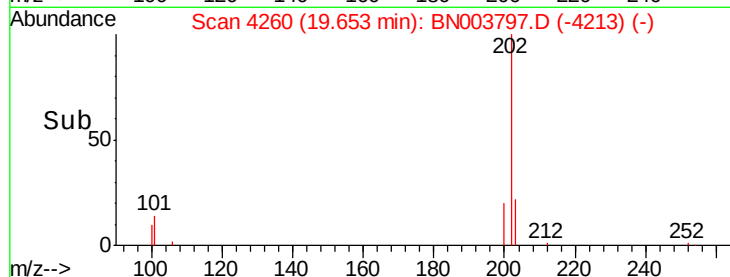
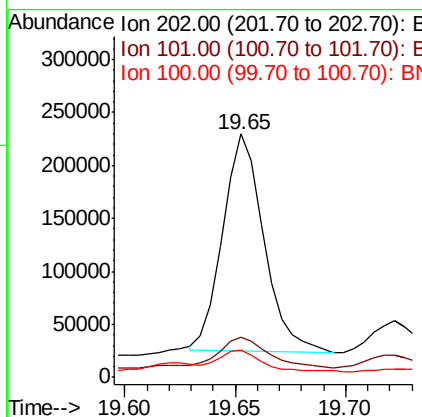
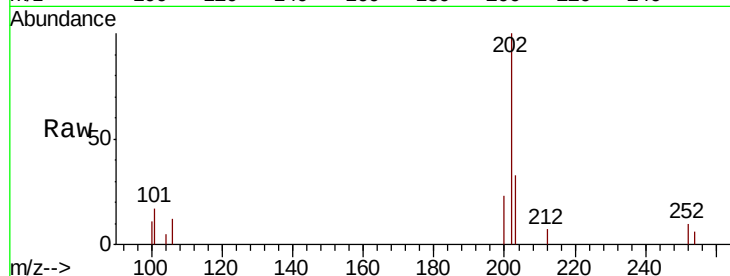
#17
Pvrene
Concen: 5.182 ng/ul m
RT: 19.65 min Scan# 4260
Delta R.T. 0.02 min
Lab File: BN003797.D
Acq: 11 Dec 2018 02:29

Instrument :
BNA_N
ClientSampleId :
F9Y32

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.5	10.3	15.5#
100	11.0	8.5	12.7

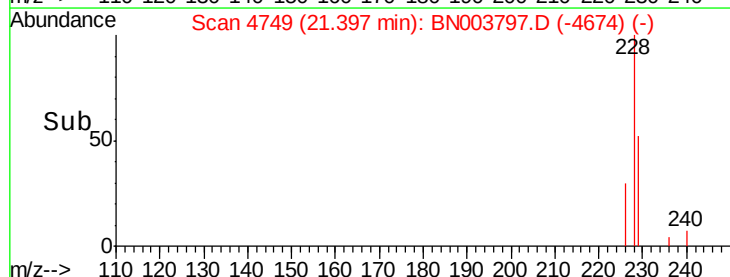
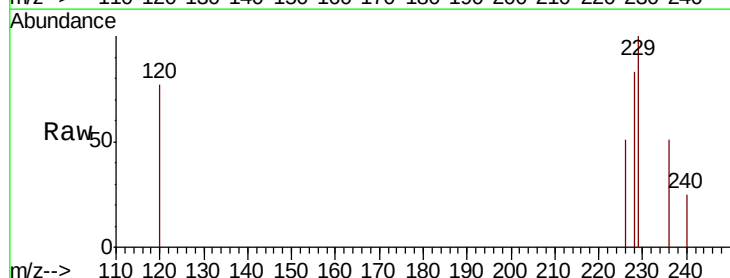
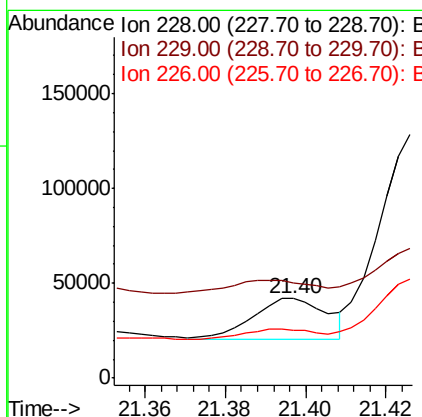
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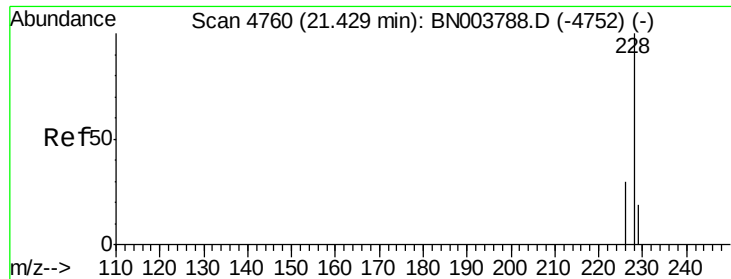
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#18
Benzo(a)anthracene
Concen: 0.618 ng/ul m
RT: 21.40 min Scan# 4749
Delta R.T. 0.02 min
Lab File: BN003797.D
Acq: 11 Dec 2018 02:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	119.9	15.6	23.4#
226	60.6	21.1	31.7#





#19

Chrysene

Concen: 3.157 ng/ul m

RT: 21.43 min Scan# 4760

Delta R.T. 0.00 min

Lab File: BN003797.D

Acq: 11 Dec 2018 02:29

Instrument :

BNA_N

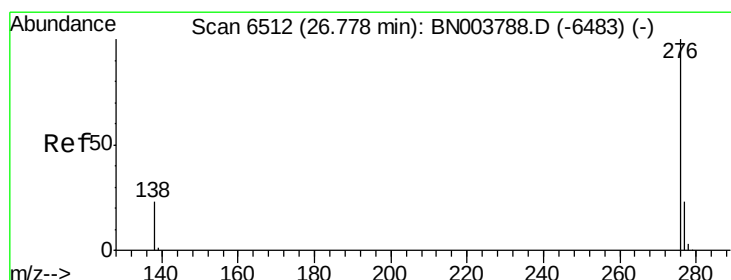
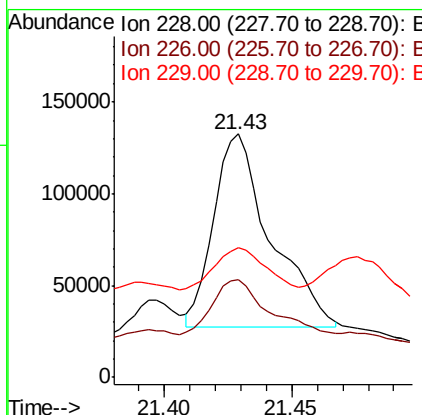
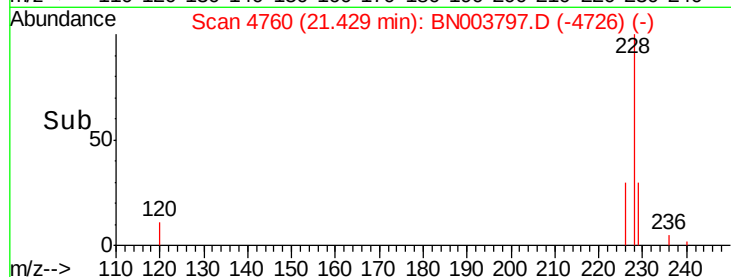
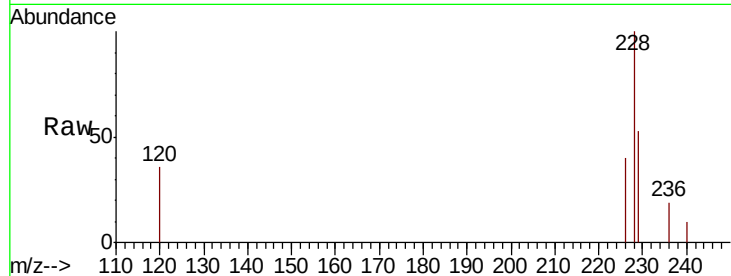
ClientSampled :

F9Y32

Tot Ion:	228	Resp:	163902
Ion Ratio	Lower	Upper	
228	100		
226	40.2	24.0	36.0#
229	53.0	15.7	23.5#

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#26

Benzo(g,h,i)perylene

Concen: 0.511 ng/ul

RT: 26.85 min Scan# 6532

Delta R.T. 0.07 min

Lab File: BN003797.D

Acq: 11 Dec 2018 02:29

Tgt Ion:	276	Resp:	30590
Ion Ratio	Lower	Upper	
276	100		
138	88.5	17.7	26.5#
277	59.5	19.3	28.9#

