

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
 Data File : BN003796.D
 Acq On : 11 Dec 2018 01:54
 Operator : JU/SJ
 Sample : J6077-15DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9Y31DL

Manual Integrations
 APPROVED

Sohil
 12/11/2018 6:12:29 PM

Quant Time: Dec 11 05:41:37 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	6306	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24933	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12375m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	24353	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15669	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	16884	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1621m	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2982	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.68	128	89052	1.272	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	31364	0.641	ng/ul	98
7) Acenaphthylene	14.19	152	3165	0.057	ng/ul#	1
8) Acenaphthene	14.53	153	4619	0.095	ng/ul#	88
9) Fluorene	15.52	166	4060	0.071	ng/ul#	62
12) Phenanthrene	17.25	178	42839	0.536	ng/ul#	87
13) Anthracene	17.35	178	4501	0.069	ng/ul#	38
15) Fluoranthene	19.27	202	10620	0.113	ng/ul	85
17) Pyrene	19.63	202	32074	0.571	ng/ul#	93
18) Benzo(a)anthracene	21.38	228	7001	0.141	ng/ul#	12
19) Chrysene	21.43	228	9188m	0.162	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	7068m	0.101	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	2360m	0.035	ng/ul	
23) Benzo(a)pyrene	23.61	252	6268	0.104	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.06	276	4548	0.066	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.06	278	2013	0.036	ng/ul#	1
26) Benzo(a,h,i)perylene	26.79	276	12195	0.202	ng/ul#	39

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

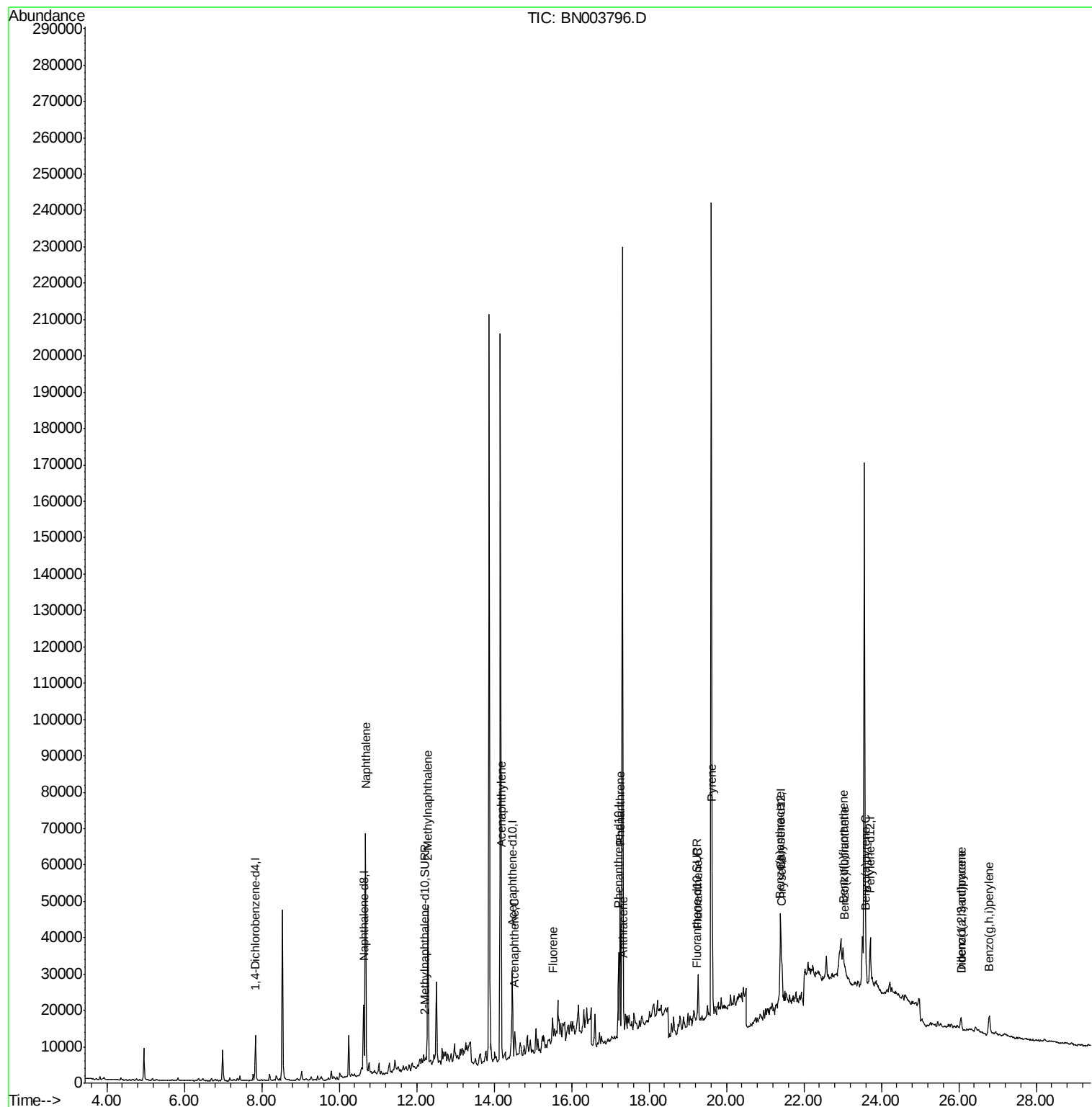
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
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ALS Vial : 22 Sample Multiplier: 1

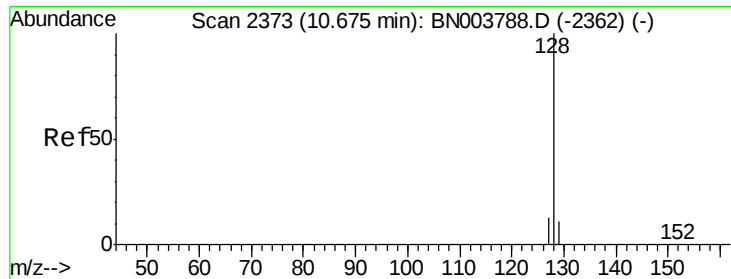
Instrument :
BNA_N
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F9Y31DL

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Quant Time: Dec 11 05:41:37 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: 1.272 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

Instrument :

BNA_N

ClientSampled :

F9Y31DL

Tot Ion:128 Resp: 89052

Ion Ratio Lower Upper

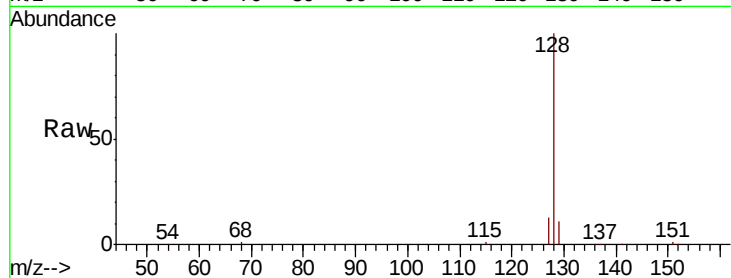
128 100

129 11.4 9.0 13.6

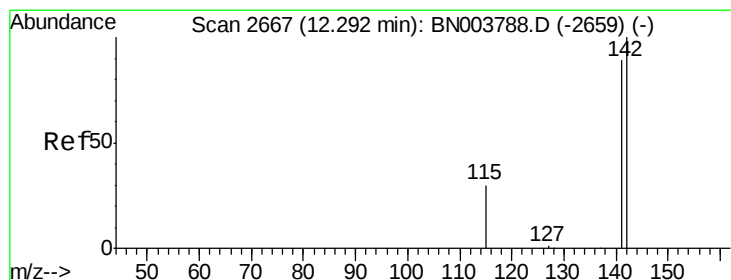
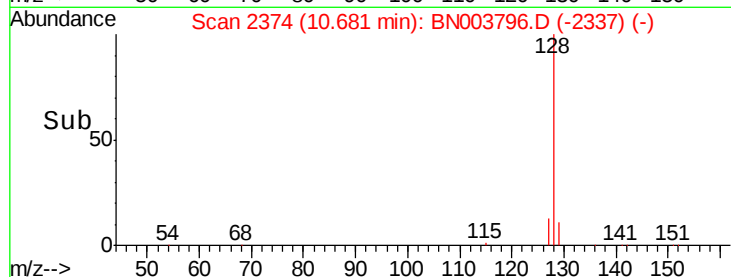
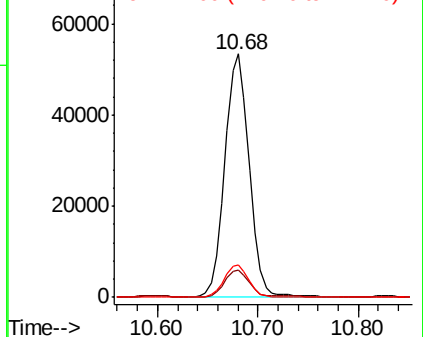
127 13.1 10.5 15.7

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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: 0.641 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003796.D

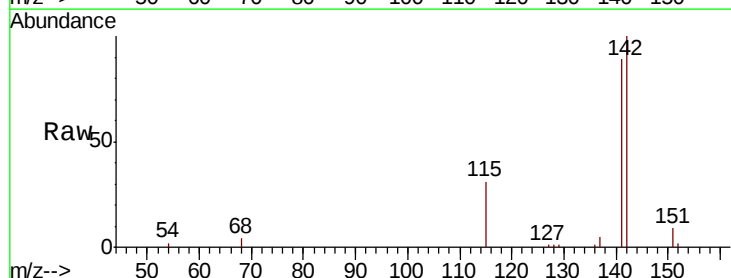
Acq: 11 Dec 2018 01:54

Tgt Ion:142 Resp: 31364

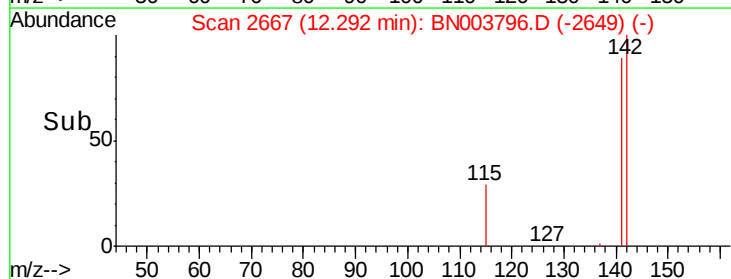
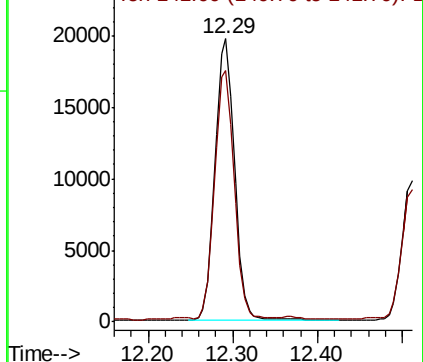
Ion Ratio Lower Upper

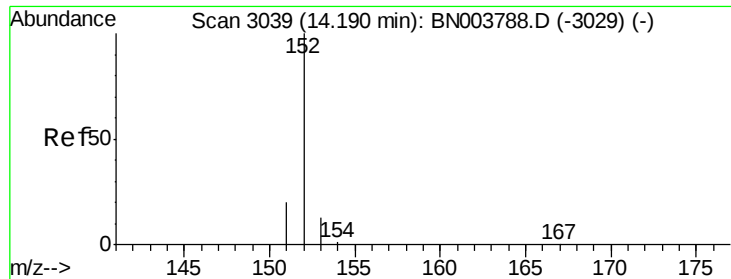
142 100

141 87.8 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: 0.057 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

Instrument :

BNA_N

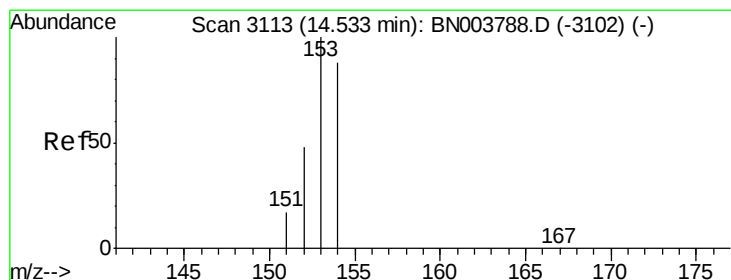
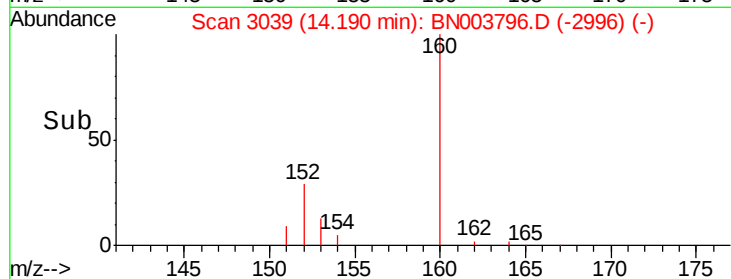
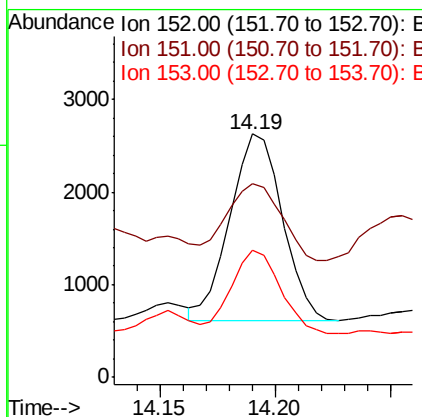
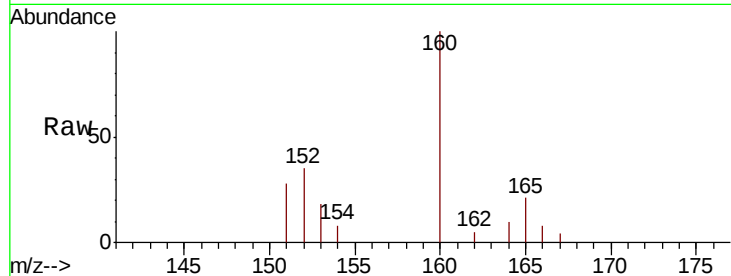
ClientSampled :

F9Y31DL

Tot Ion:	152	Resp:	3165
Ion Ratio	Lower	Upper	
152	100		
151	79.5	15.9	23.9#
153	52.1	10.7	16.1#

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#8

Acenaphthene

Concen: 0.095 ng/ul

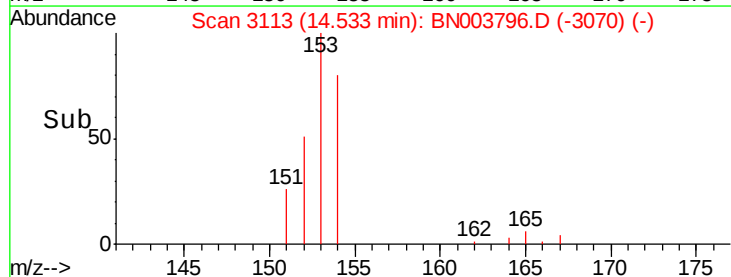
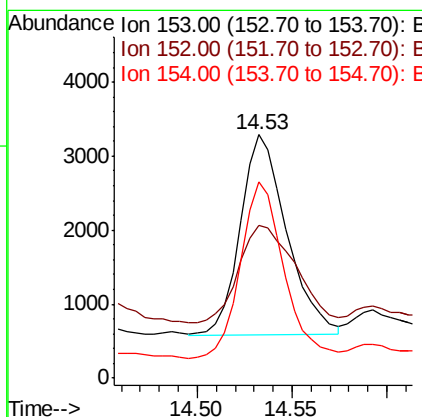
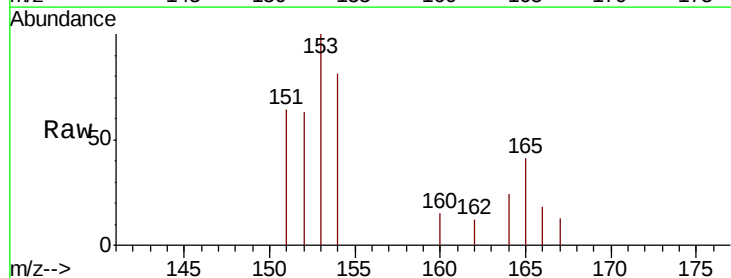
RT: 14.53 min Scan# 3113

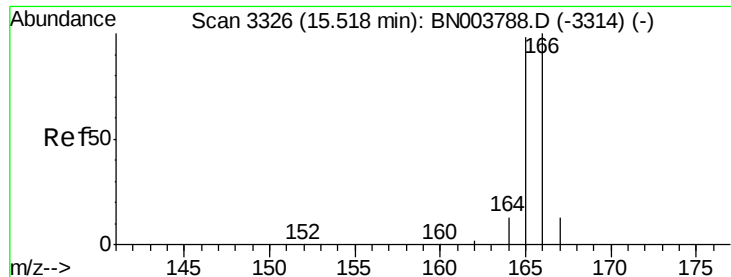
Delta R.T. -0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

Tgt Ion:	153	Resp:	4619
Ion Ratio	Lower	Upper	
153	100		
152	62.9	39.3	58.9#
154	80.9	70.3	105.5





#9

Fluorene

Concen: 0.071 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

Instrument :

BNA_N

ClientSampleId :

F9Y31DL

Tot Ion:166 Resp: 4060

Ion Ratio Lower Upper

166 100

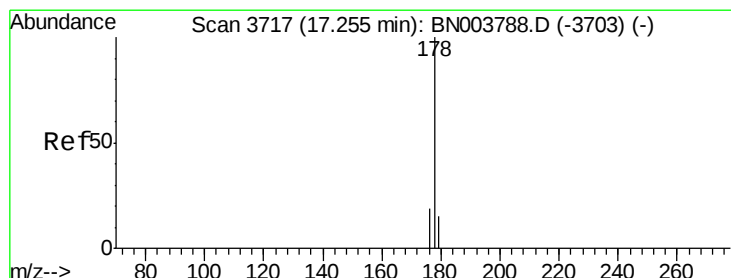
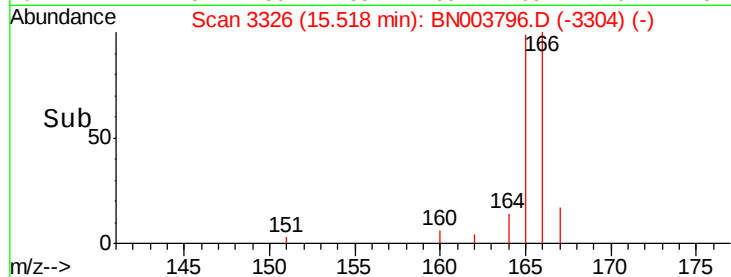
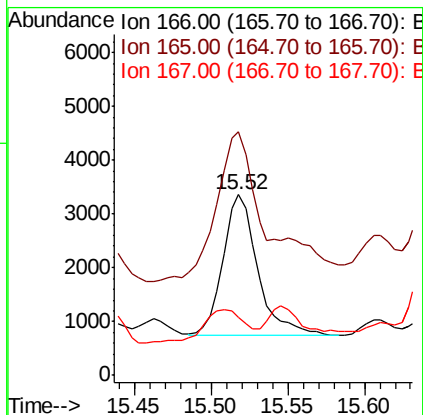
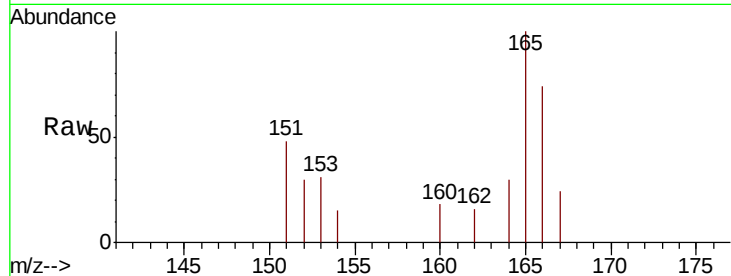
165 134.7 78.3 117.5#

167 31.9 11.3 16.9#

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#12

Phenanthrene

Concen: 0.536 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

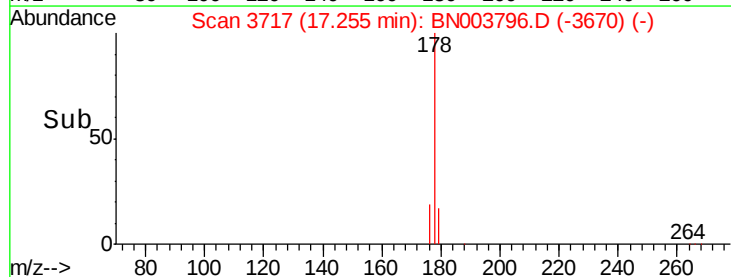
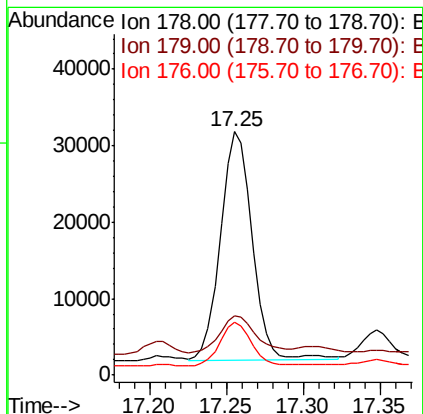
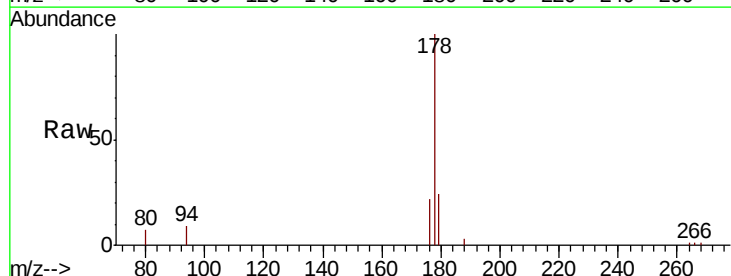
Tgt Ion:178 Resp: 42839

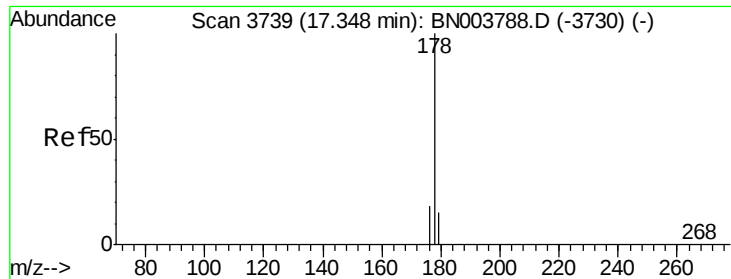
Ion Ratio Lower Upper

178 100

179 24.4 12.5 18.7#

176 21.5 15.0 22.4





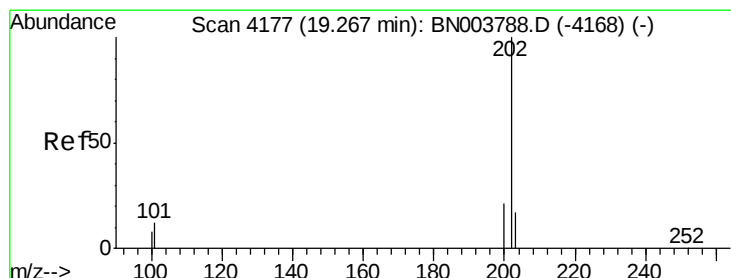
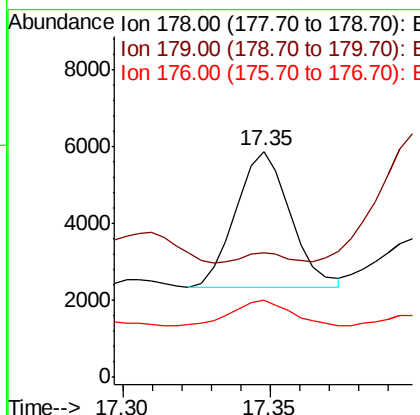
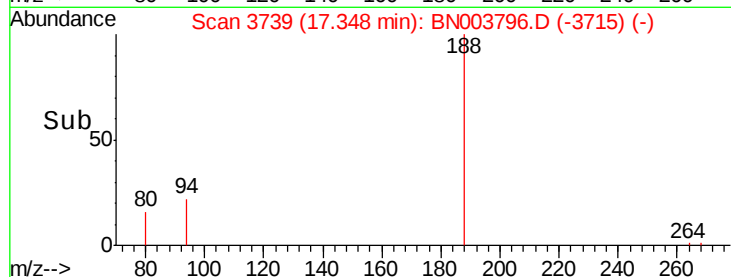
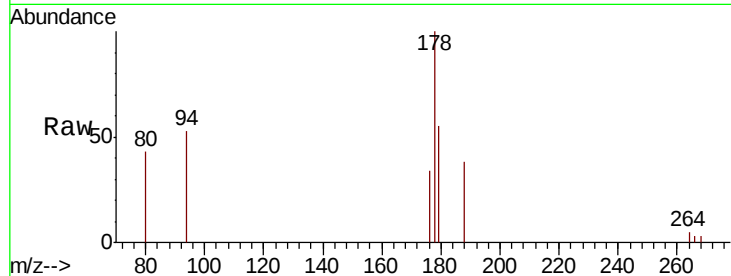
#13
 Anthracene
 Concen: 0.069 ng/ul
 RT: 17.35 min Scan# 3739
 Delta R.T. -0.00 min
 Lab File: BN003796.D
 Acq: 11 Dec 2018 01:54

Instrument :
 BNA_N
 ClientSampleId :
 F9Y31DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	55.0	12.3	18.5#
176	34.2	14.8	22.2#

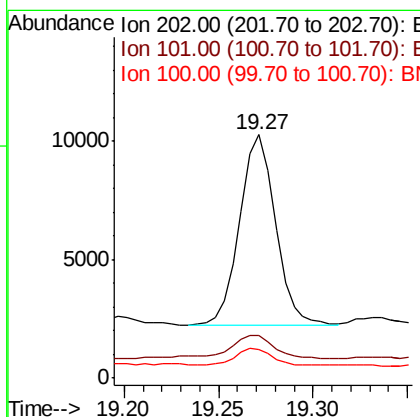
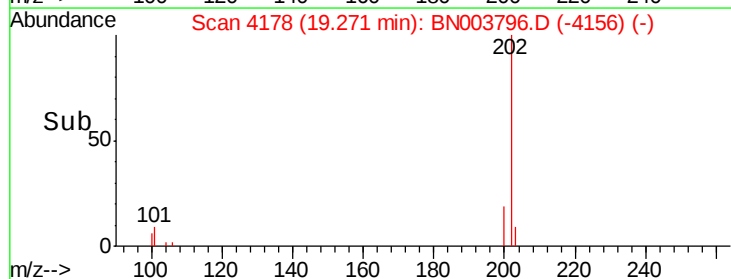
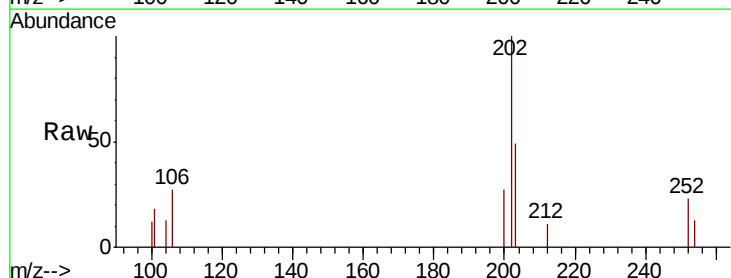
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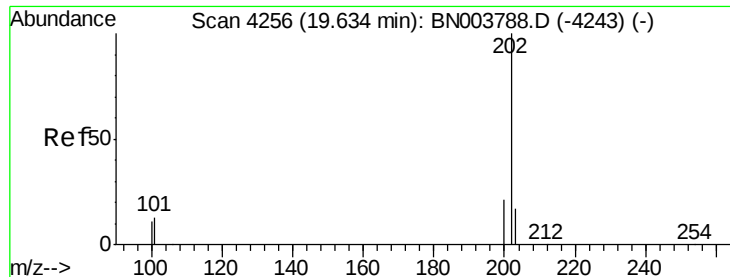
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#15
 Fluoranthene
 Concen: 0.113 ng/ul
 RT: 19.27 min Scan# 4178
 Delta R.T. 0.00 min
 Lab File: BN003796.D
 Acq: 11 Dec 2018 01:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.6	0.0	30.7
100	11.9	0.0	28.1





#17

Pvrene

Concen: 0.571 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

Instrument :

BNA_N

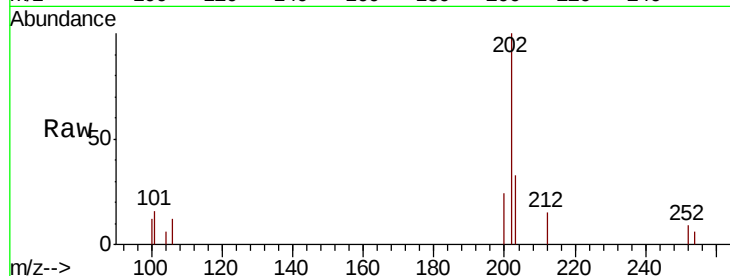
ClientSampleId :

F9Y31DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.4	10.3	15.5#
100	12.0	8.5	12.7

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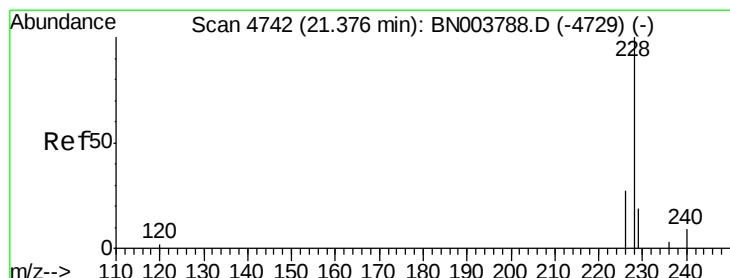
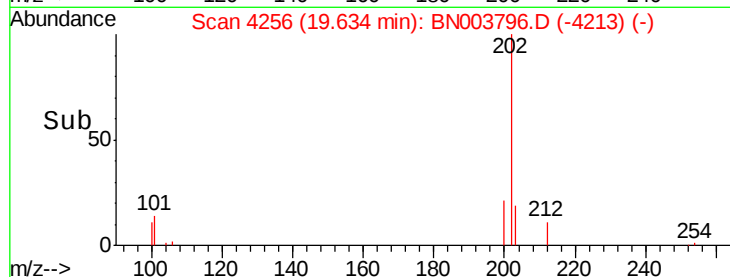
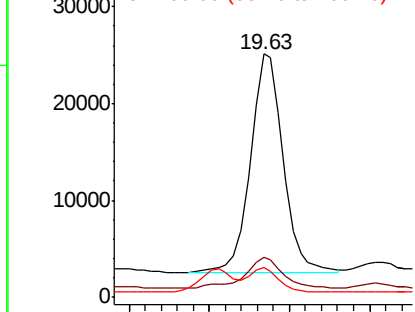


Abundance

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: 0.141 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. 0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

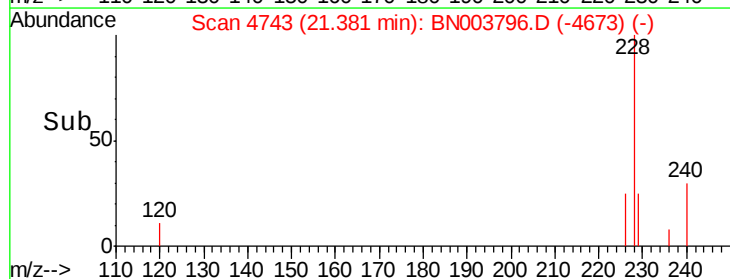
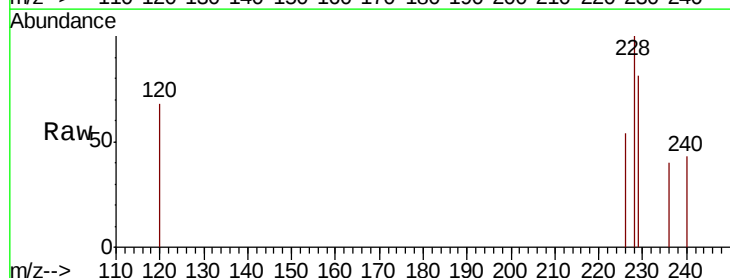
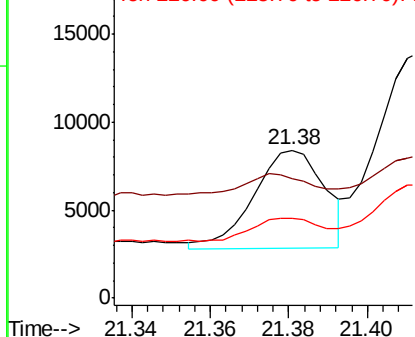
Tgt Ion	Ratio	Lower	Upper
228	100		
229	80.9	15.6	23.4#
226	53.5	21.1	31.7#

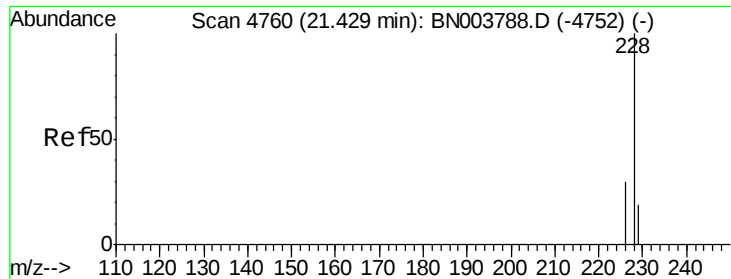
Abundance

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





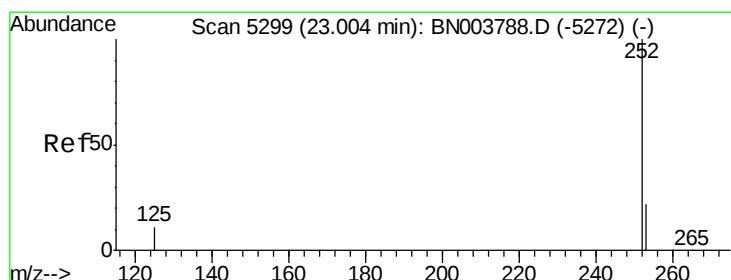
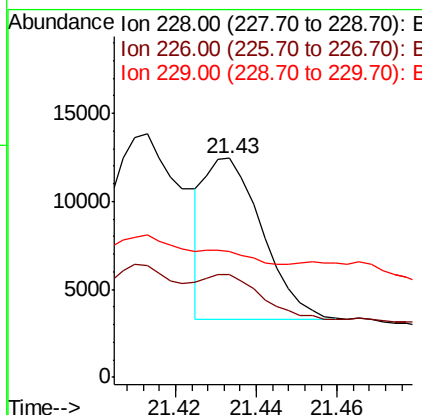
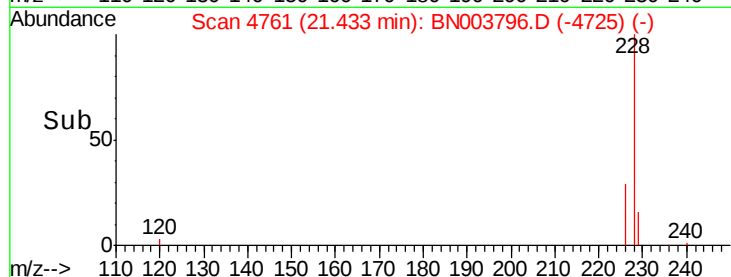
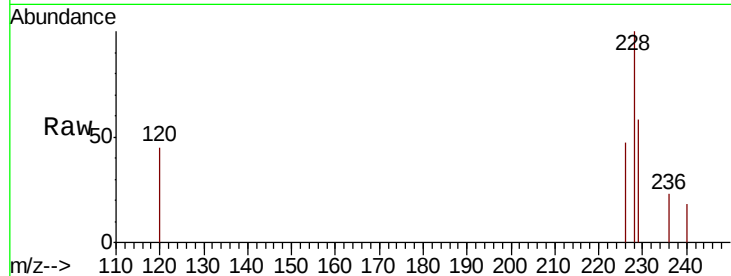
#19
Chrysene
Concen: 0.162 ng/ul m
RT: 21.43 min Scan# 4761
Delta R.T. 0.00 min
Lab File: BN003796.D
Acq: 11 Dec 2018 01:54

Instrument :
BNA_N
ClientSampled :
F9Y31DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	46.8	24.0	36.0#
229	57.5	15.7	23.5#

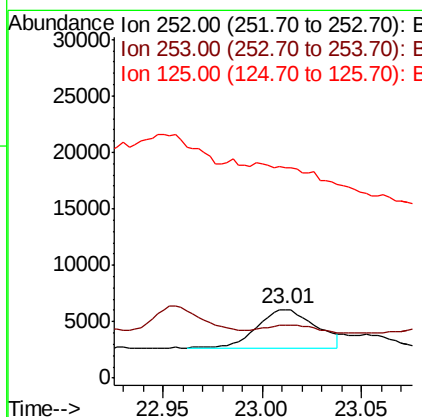
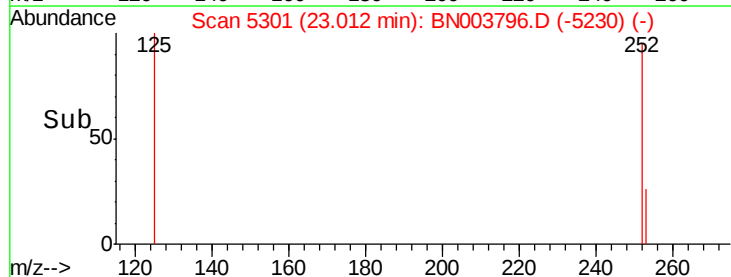
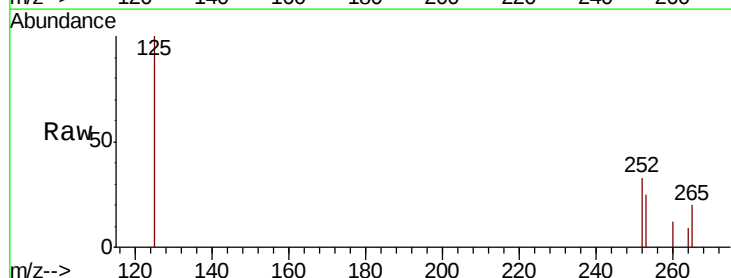
Manual Integrations
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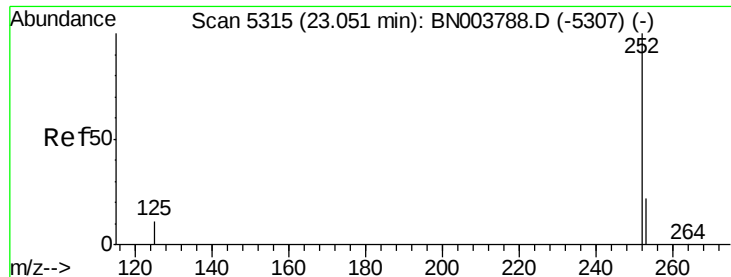
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#21
Benzo(b)fluoranthene
Concen: 0.101 ng/ul m
RT: 23.01 min Scan# 5301
Delta R.T. 0.01 min
Lab File: BN003796.D
Acq: 11 Dec 2018 01:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	77.5	0.0	46.0#
125	307.6	0.0	22.4#





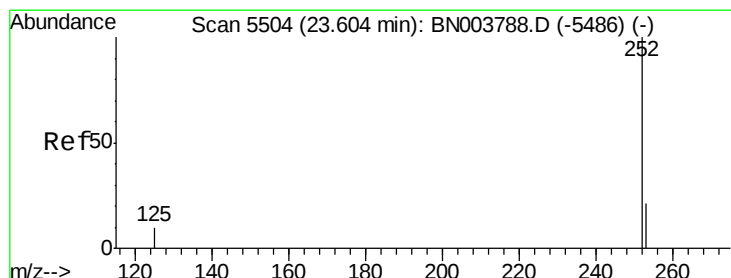
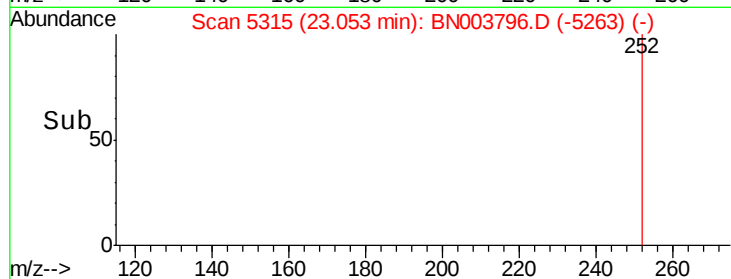
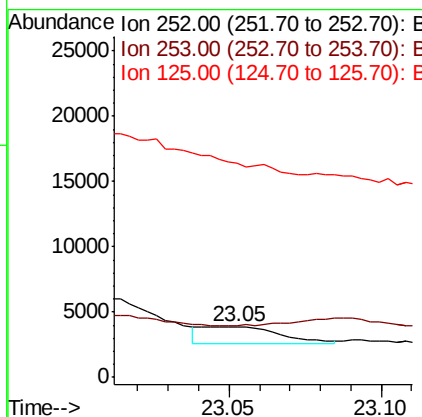
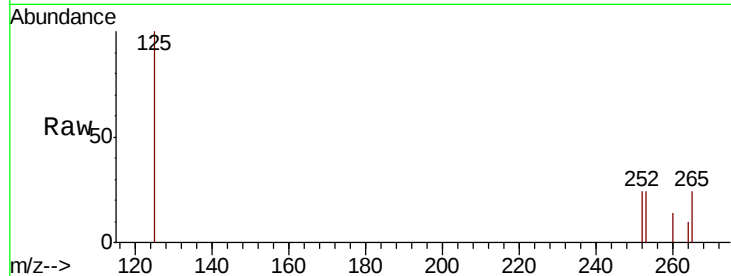
#22
Benzo(k)fluoranthene
Concen: 0.035 ng/ul m
RT: 23.05 min Scan# 5315
Delta R.T. 0.00 min
Lab File: BN003796.D
Acq: 11 Dec 2018 01:54

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	103.3	18.5	27.7#
125	424.4	9.0	13.6#

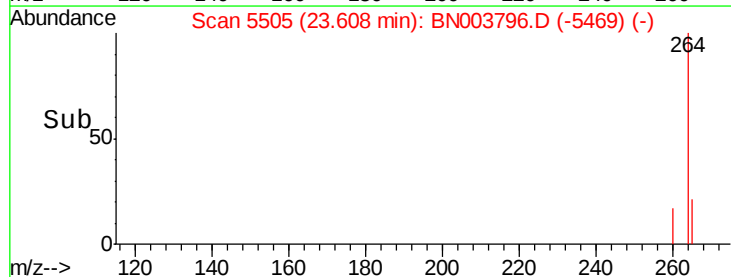
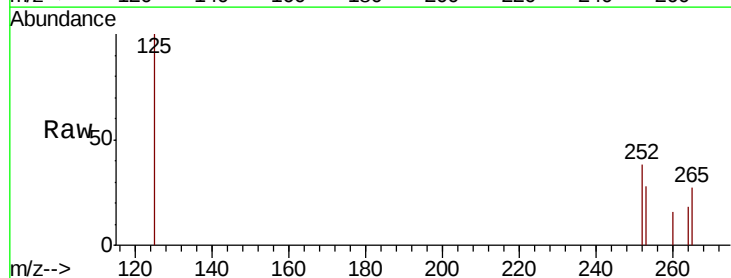
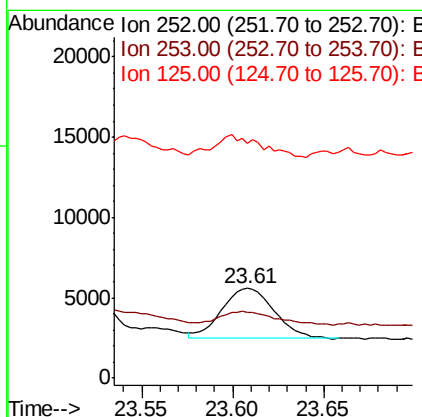
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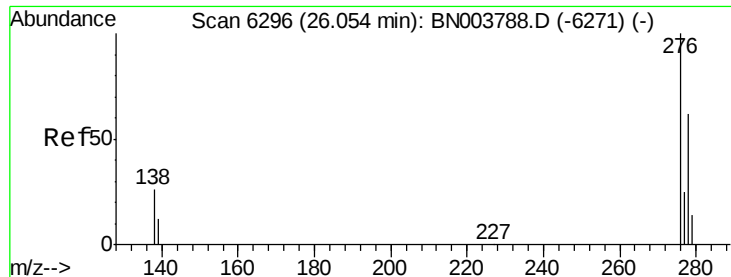
Sohil
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#23
Benzo(a)pyrene
Concen: 0.104 ng/ul
RT: 23.61 min Scan# 5505
Delta R.T. 0.00 min
Lab File: BN003796.D
Acq: 11 Dec 2018 01:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	73.4	19.0	28.4#
125	262.7	10.2	15.4#





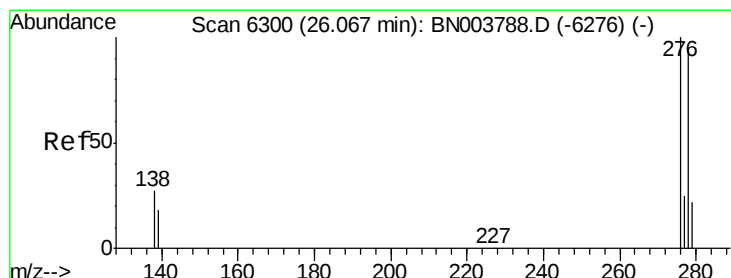
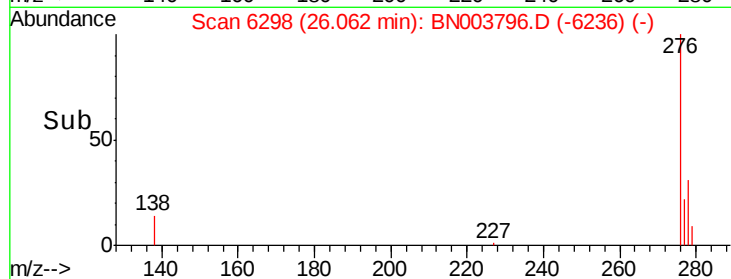
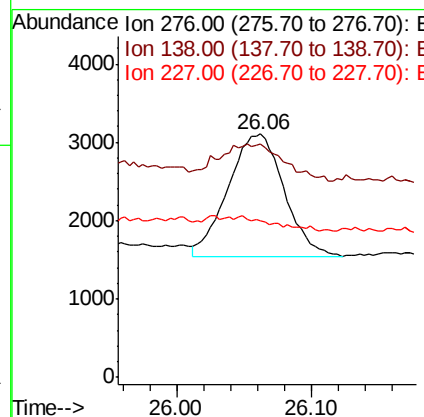
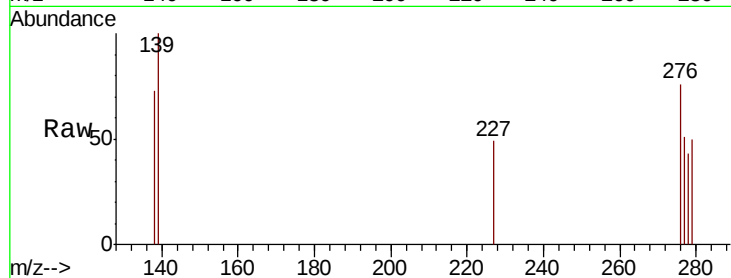
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.066 ng/ul
 RT: 26.06 min Scan# 6298
 Delta R.T. 0.01 min
 Lab File: BN003796.D
 Acq: 11 Dec 2018 01:54

Instrument :
 BNA_N
 ClientSampleId :
 F9Y31DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.2	20.3	30.5#
227	0.0	0.2	0.2#

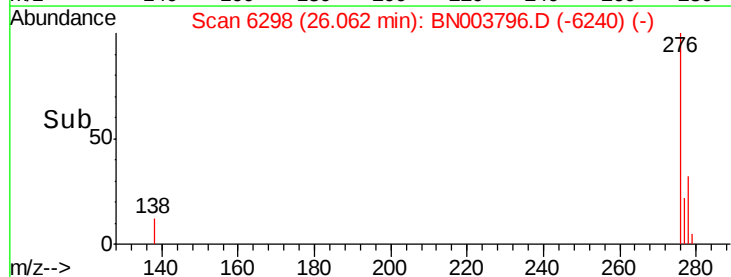
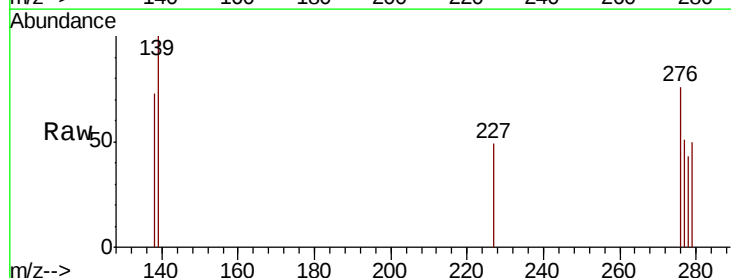
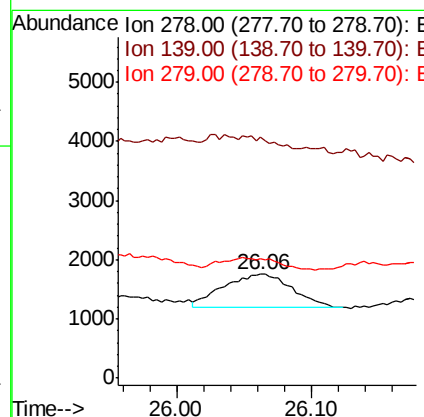
Manual Integrations
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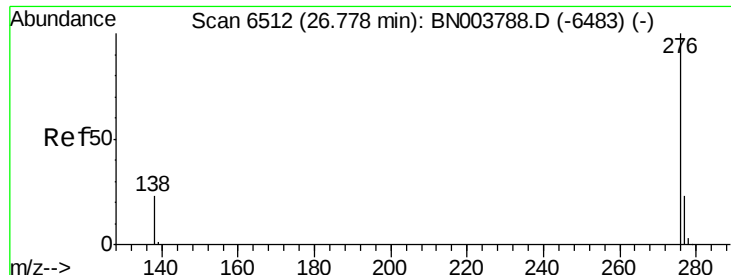
Sohil
 12/11/2018 6:12:29 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.036 ng/ul
 RT: 26.06 min Scan# 6298
 Delta R.T. -0.01 min
 Lab File: BN003796.D
 Acq: 11 Dec 2018 01:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	232.2	14.2	21.4#
279	115.6	19.8	29.6#





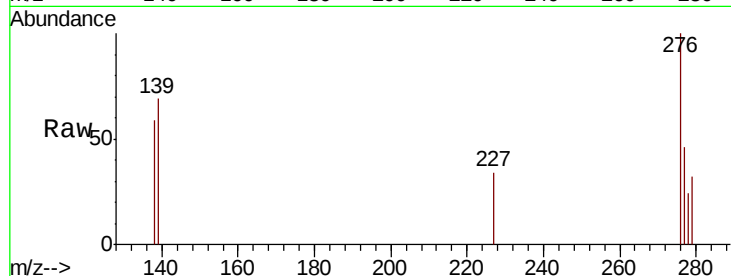
#26
Benzo(a,h,i)perylene
Concen: 0.202 ng/ul
RT: 26.79 min Scan# 6514
Delta R.T. 0.01 min
Lab File: BN003796.D
Acq: 11 Dec 2018 01:54

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	59.3	17.7	26.5#
277	46.5	19.3	28.9#

Manual Integrations
APPROVED

Sohil
12/11/2018 6:12:29 PM



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

