

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
 Data File : BN003974.D
 Acq On : 16 Dec 2018 00:33
 Operator : JU/SJ
 Sample : J6171-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9Y27

Manual Integrations
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Quant Time: Dec 16 02:15:59 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 : Sat Dec 15 23:04:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1783	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8903	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6005	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14680m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18008m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	16628m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3455	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	12163m	0.28	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	1672	0.067	ng/ul#	79
5) 2-Methylnaphthalene	12.29	142	1700	0.097	ng/ul	98
7) Acenaphthylene	14.20	152	1104	0.041	ng/ul#	16
9) Fluorene	15.52	166	907	0.033	ng/ul#	56
12) Phenanthrene	17.26	178	14173m	0.294	ng/ul	
13) Anthracene	17.35	178	2552m	0.064	ng/ul	
15) Fluoranthene	19.27	202	5148m	0.090	ng/ul	
17) Pyrene	19.64	202	26441m	0.409	ng/ul	
18) Benzo(a)anthracene	21.38	228	11255m	0.198	ng/ul	
19) Chrysene	21.43	228	12236m	0.188	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	6489m	0.094	ng/ul	
23) Benzo(a)pyrene	23.61	252	12720m	0.214	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.07	276	8711m	0.128	ng/ul	
25) Dibenzo(a,h)anthracene	26.07	278	4904m	0.089	ng/ul	
26) Benzo(g,h,i)perylene	26.80	276	20049	0.338	ng/ul#	80

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

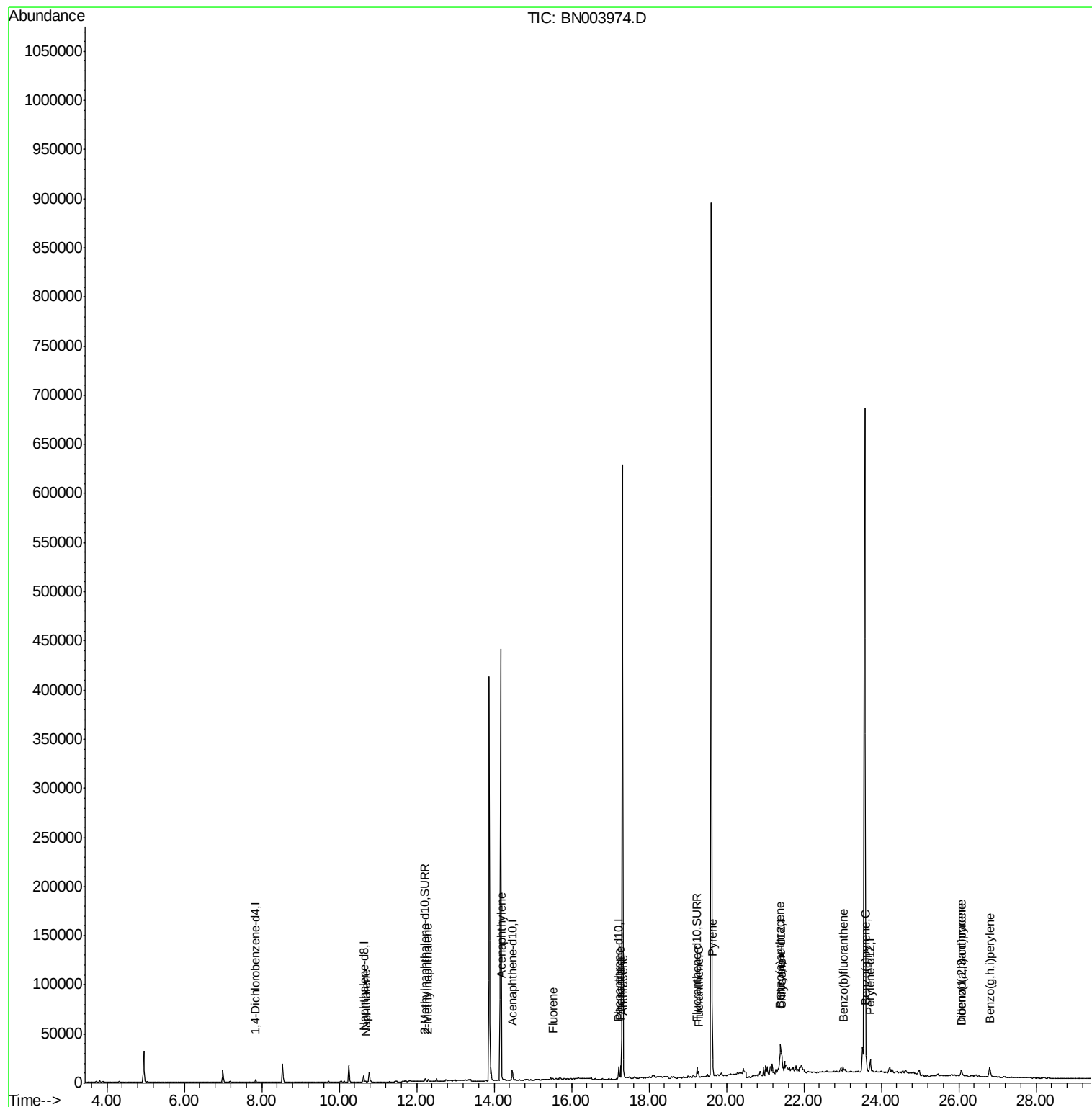
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
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Sample : J6171-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

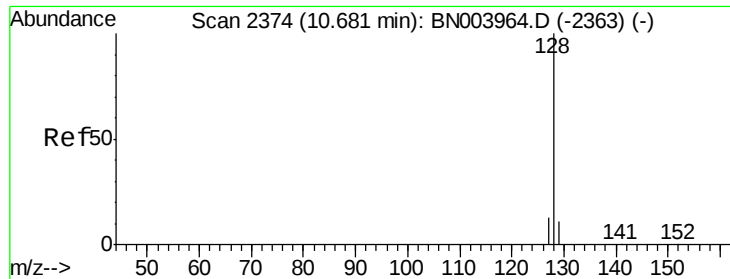
Instrument :
BNA_N
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F9Y27

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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#3

Naphthalene

Concen: 0.067 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

Instrument :

BNA_N

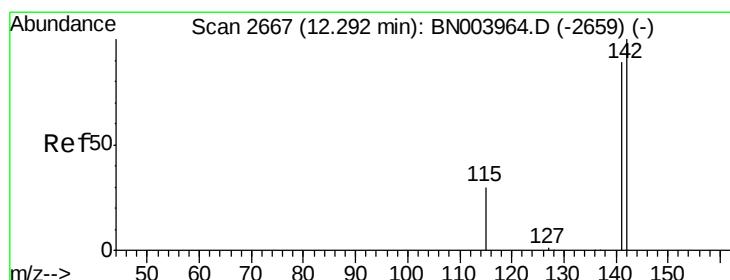
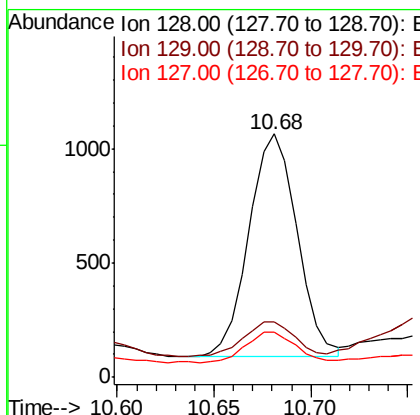
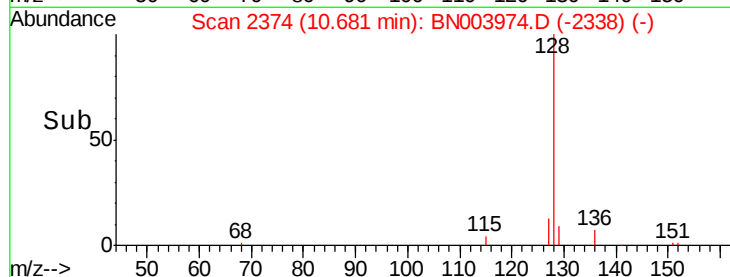
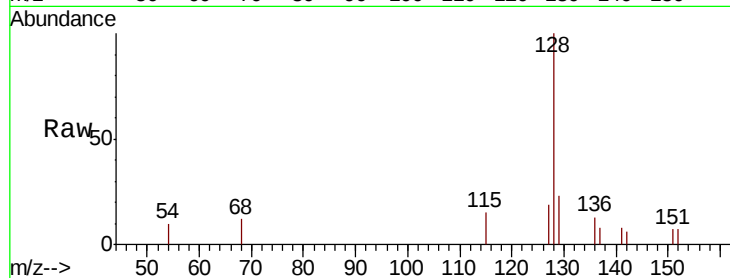
ClientSampleId :

F9Y27

Tot Ion:	128	Resp:	1672
Ion Ratio	Lower	Upper	
128	100		
129	22.6	9.0	13.6#
127	18.6	10.5	15.7#

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#5

2-Methylnaphthalene

Concen: 0.097 ng/ul

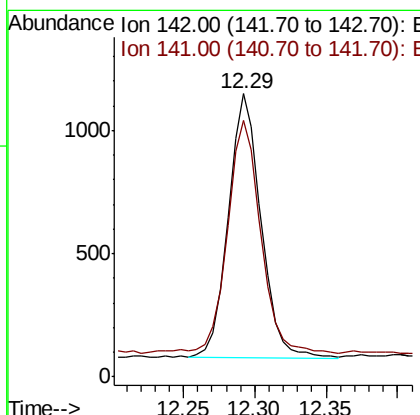
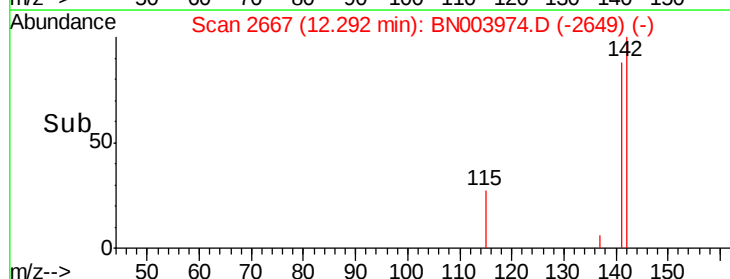
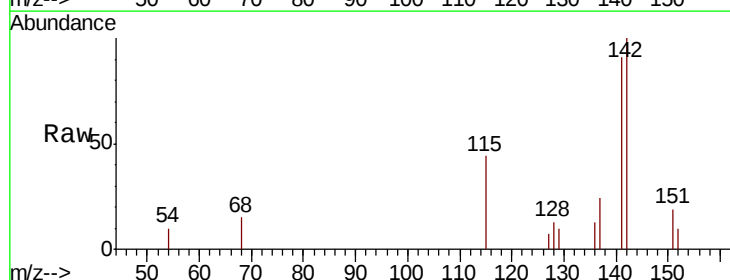
RT: 12.29 min Scan# 2667

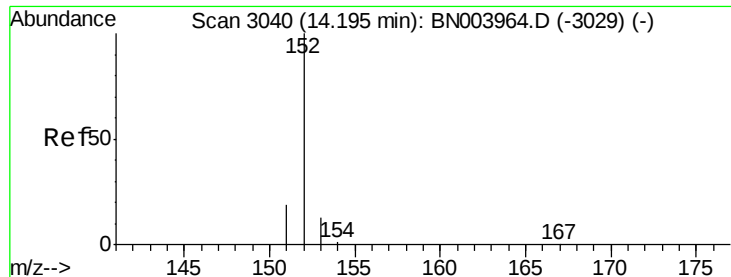
Delta R.T. 0.00 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

Tgt Ion:	142	Resp:	1700
Ion Ratio	Lower	Upper	
142	100		
141	91.2	71.5	107.3





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

Instrument :

BNA_N

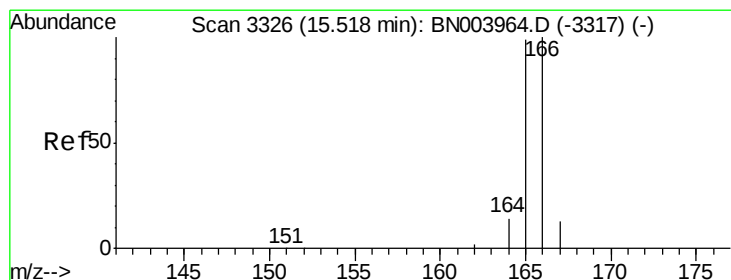
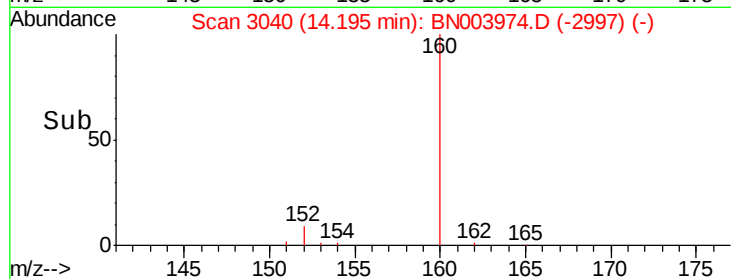
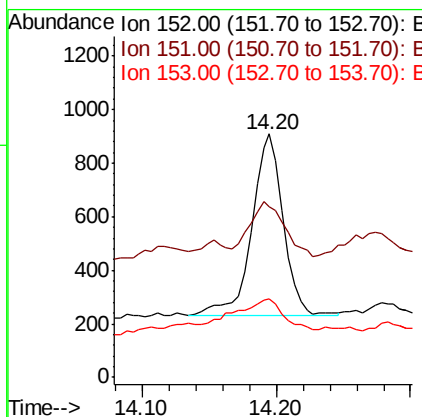
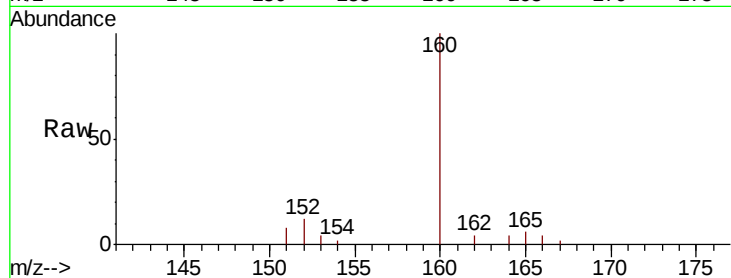
ClientSampleId :

F9Y27

Tot Ion:	152	Resp:	1104
Ion Ratio	Lower	Upper	
152	100		
151	70.2	15.9	23.9#
153	32.1	10.7	16.1#

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#9

Fluorene

Concen: 0.033 ng/ul

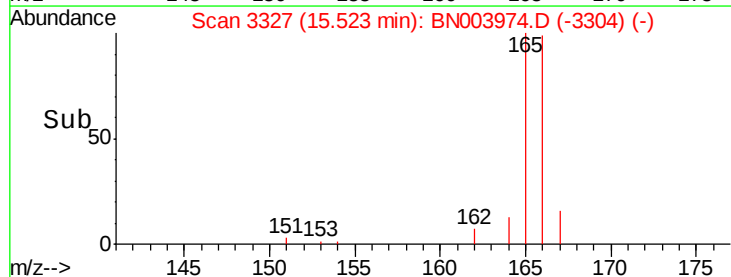
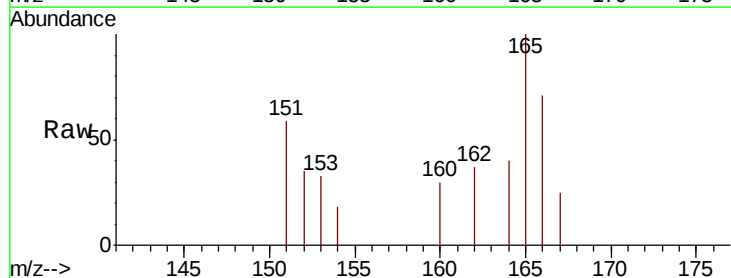
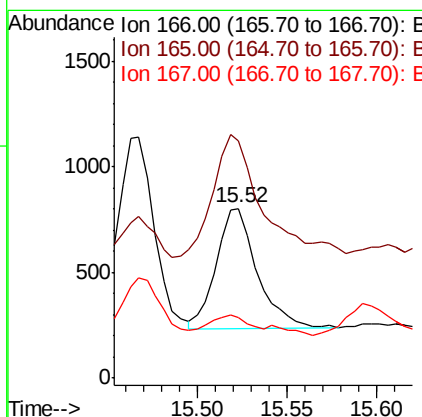
RT: 15.52 min Scan# 3327

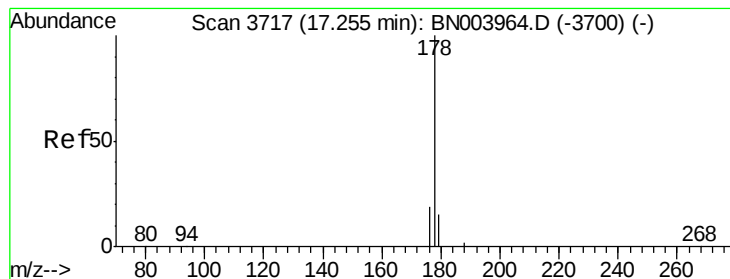
Delta R.T. 0.00 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

Tgt Ion:	166	Resp:	907
Ion Ratio	Lower	Upper	
166	100		
165	140.0	78.3	117.5#
167	35.4	11.3	16.9#





#12

Phenanthrene

Concen: 0.294 ng/ul m

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

Instrument :

BNA_N

ClientSampleId :

F9Y27

Tot Ion:178 Resp: 14173

Ion Ratio Lower Upper

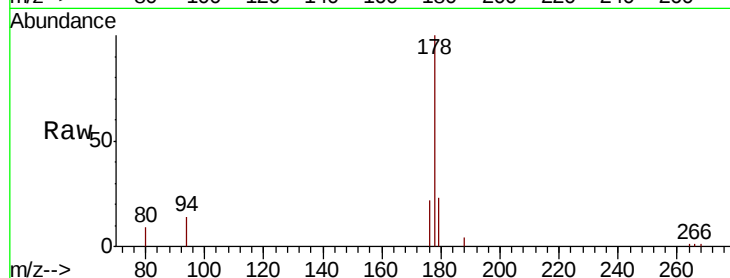
178 100

179 22.5 12.5 18.7#

176 21.7 15.0 22.4

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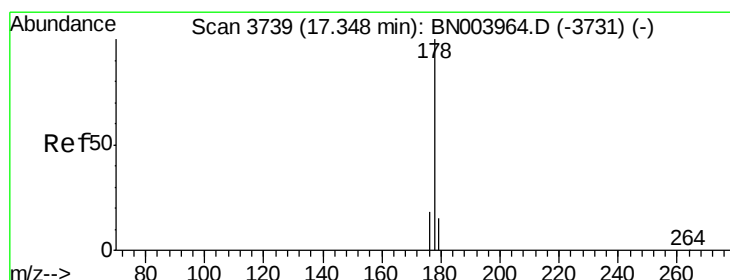
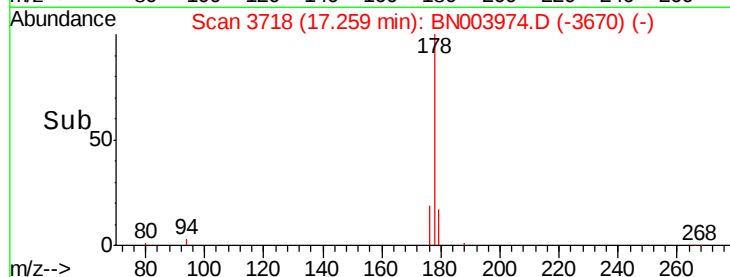
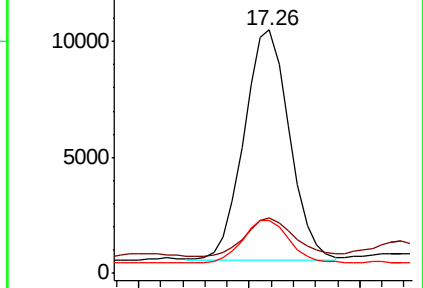
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.064 ng/ul m

RT: 17.35 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

Tgt Ion:178 Resp: 2552

Ion Ratio Lower Upper

178 100

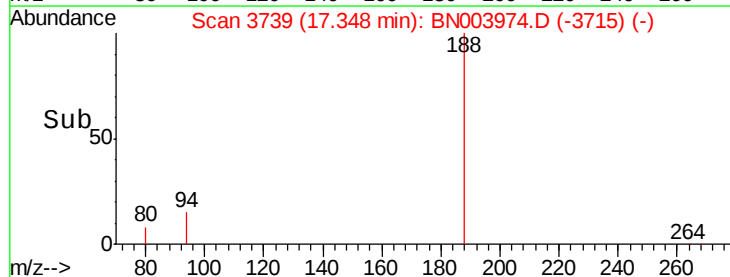
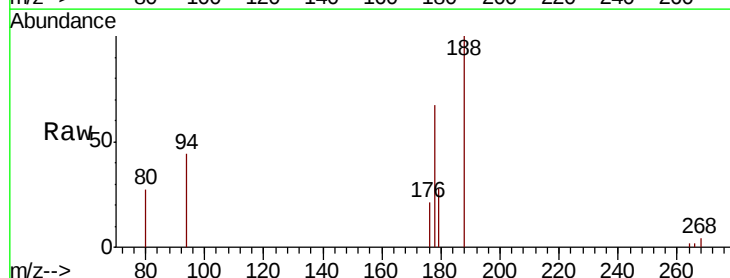
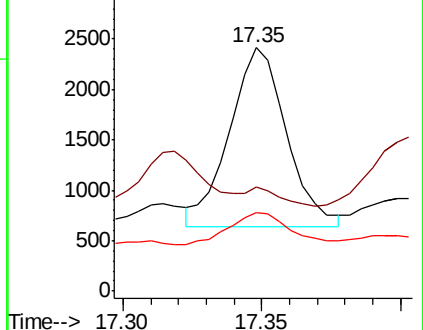
179 42.6 12.3 18.5#

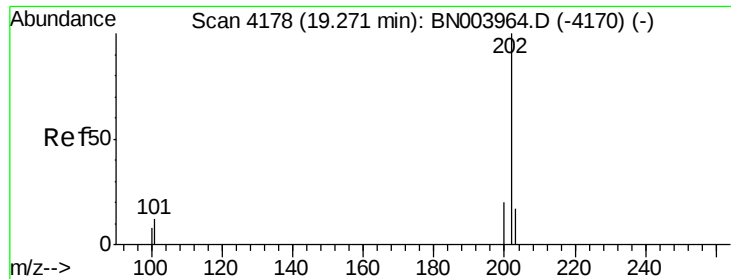
176 32.1 14.8 22.2#

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





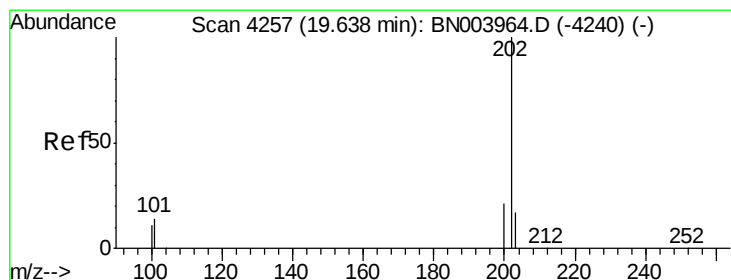
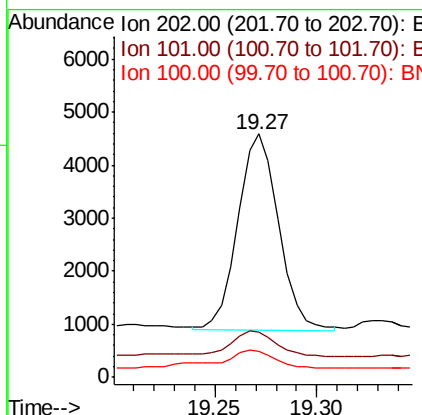
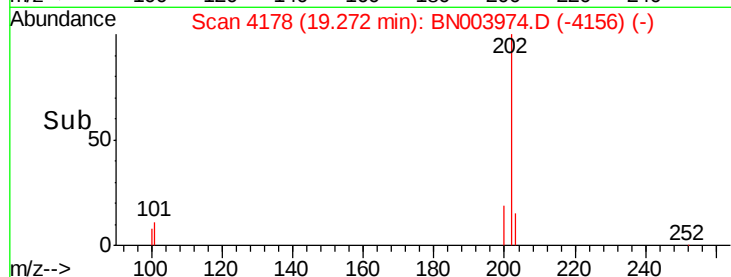
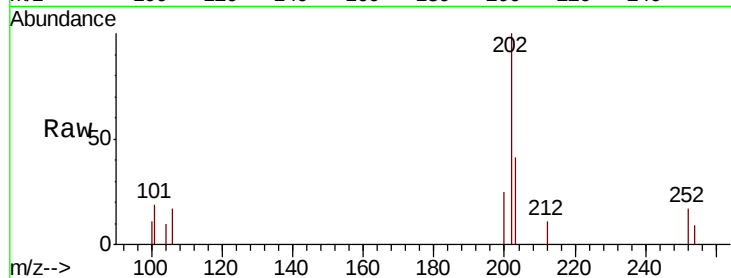
#15
Fluoranthene
Concen: 0.090 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN003974.D
Acq: 16 Dec 2018 00:33

Instrument :
BNA_N
ClientSampleId :
F9Y27

Tot Ion:	202	Resp:	5148
Ion Ratio	Lower	Upper	
202	100		
101	18.7	0.0	30.7
100	10.7	0.0	28.1

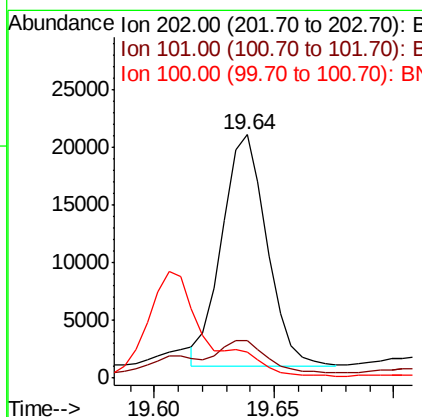
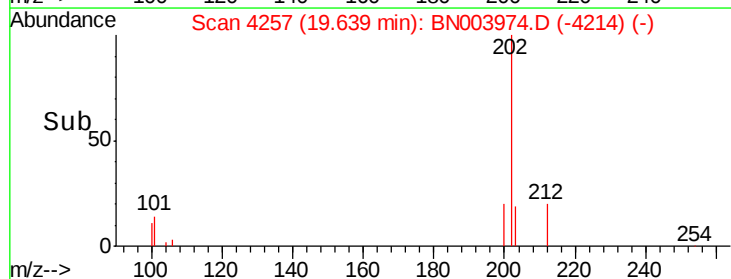
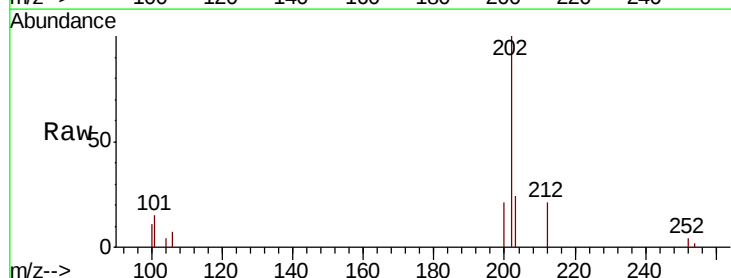
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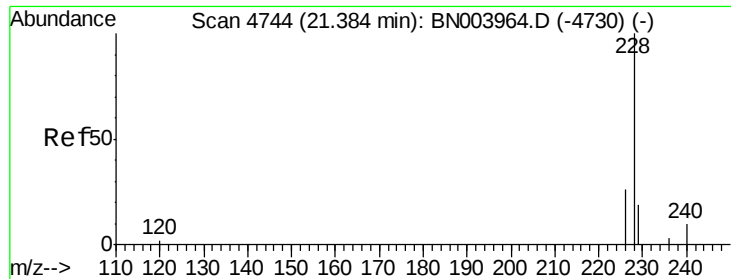
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#17
Pyrene
Concen: 0.409 ng/ul m
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN003974.D
Acq: 16 Dec 2018 00:33

Tgt Ion:	202	Resp:	26441
Ion Ratio	Lower	Upper	
202	100		
101	15.3	10.3	15.5
100	10.9	8.5	12.7





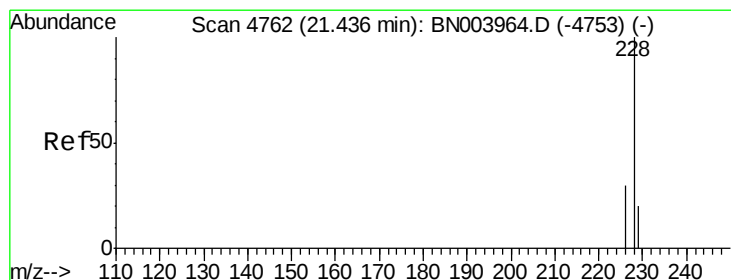
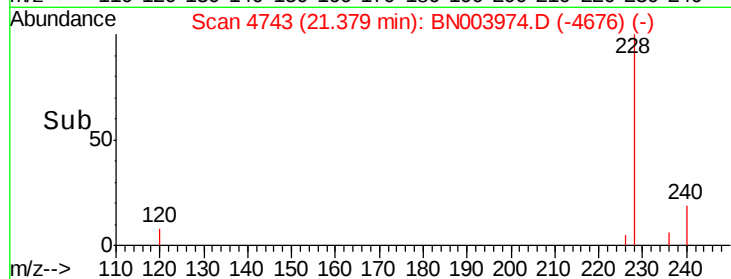
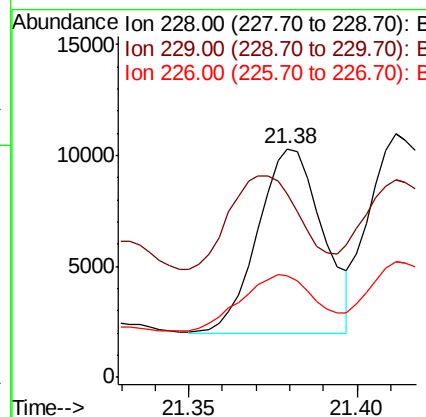
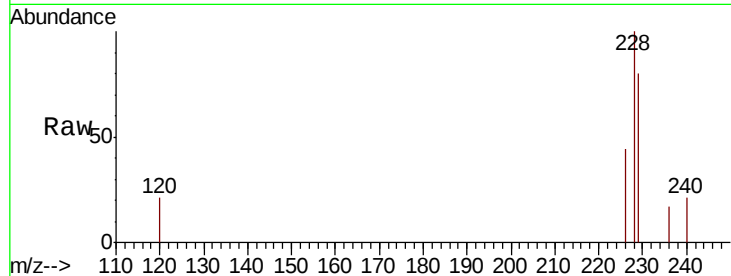
#18
Benzo(a)anthracene
Concen: 0.198 ng/ul m
RT: 21.38 min Scan# 4743
Delta R.T. -0.00 min
Lab File: BN003974.D
Acq: 16 Dec 2018 00:33

Instrument :
BNA_N
ClientSampled :
F9Y27

Tot Ion	Ratio	Lower	Upper
228	100		
229	80.0	15.6	23.4#
226	44.3	21.1	31.7#

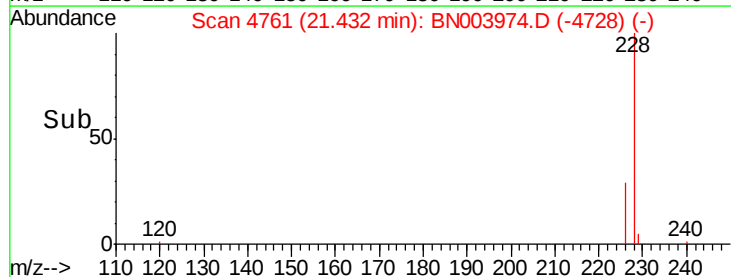
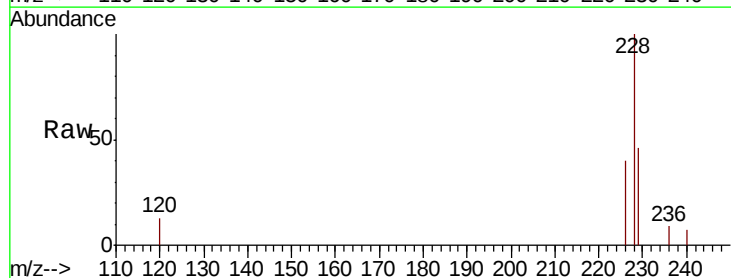
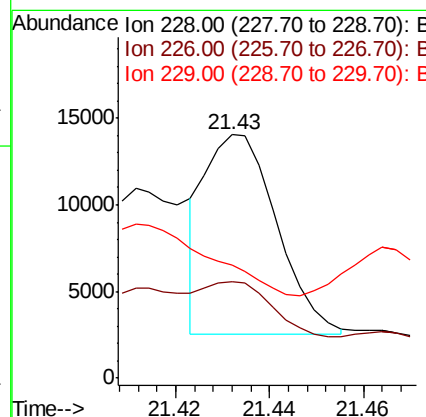
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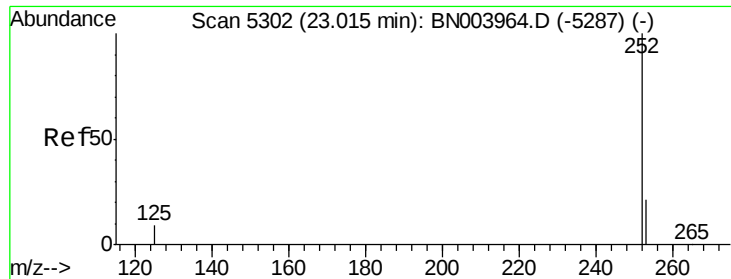
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#19
Chrysene
Concen: 0.188 ng/ul m
RT: 21.43 min Scan# 4761
Delta R.T. -0.00 min
Lab File: BN003974.D
Acq: 16 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.5	24.0	36.0#
229	46.4	15.7	23.5#





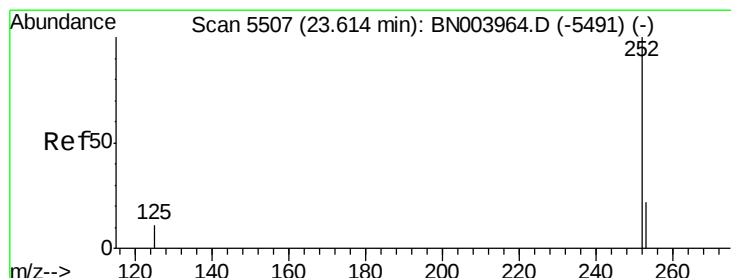
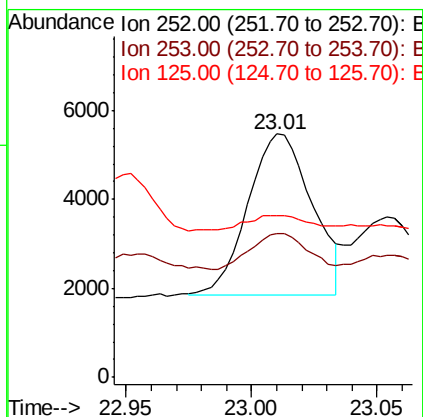
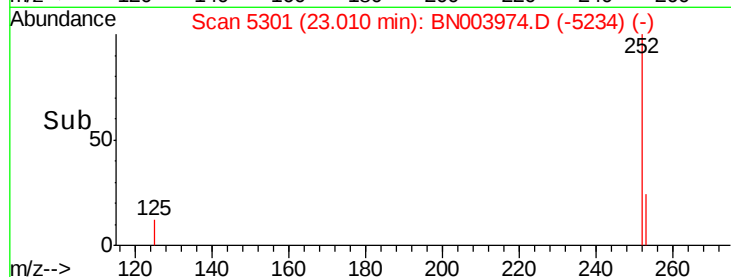
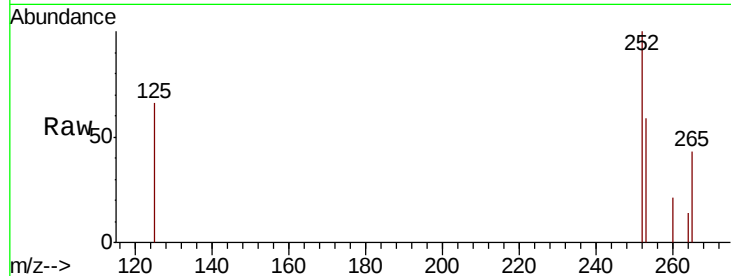
#21
Benzo(b)fluoranthene
Concen: 0.094 ng/ul m
RT: 23.01 min Scan# 5301
Delta R.T. -0.00 min
Lab File: BN003974.D
Acq: 16 Dec 2018 00:33

Instrument :
BNA_N
ClientSampleId :
F9Y27

Tot Ion	Ratio	Lower	Upper
252	100		
253	59.3	0.0	46.0#
125	66.3	0.0	22.4#

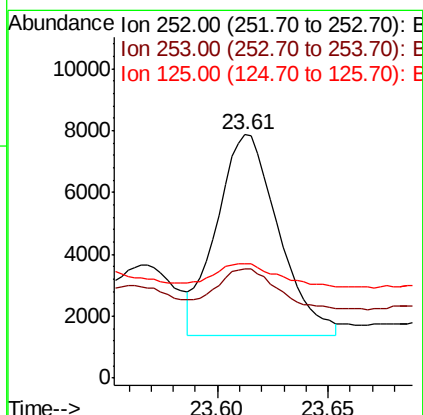
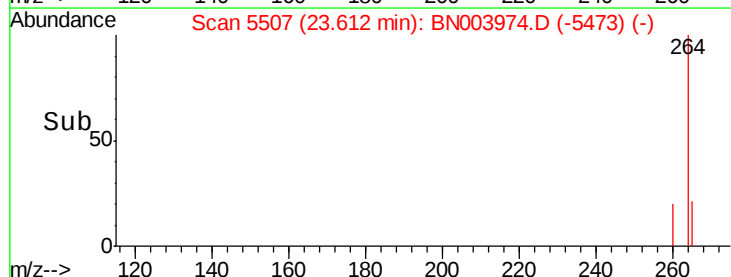
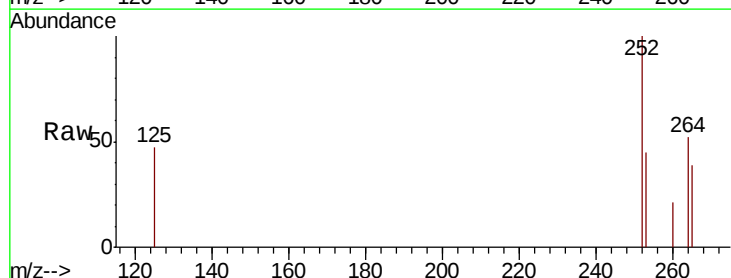
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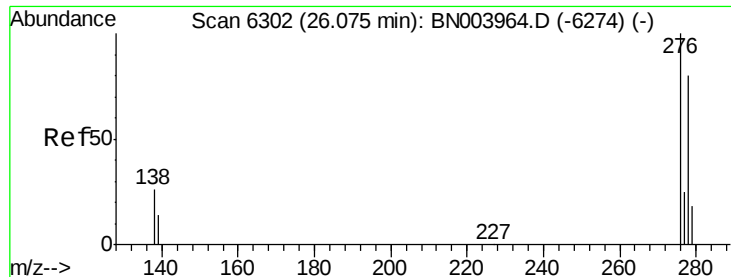
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#23
Benzo(a)pyrene
Concen: 0.214 ng/ul m
RT: 23.61 min Scan# 5507
Delta R.T. -0.00 min
Lab File: BN003974.D
Acq: 16 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.6	19.0	28.4#
125	46.7	10.2	15.4#





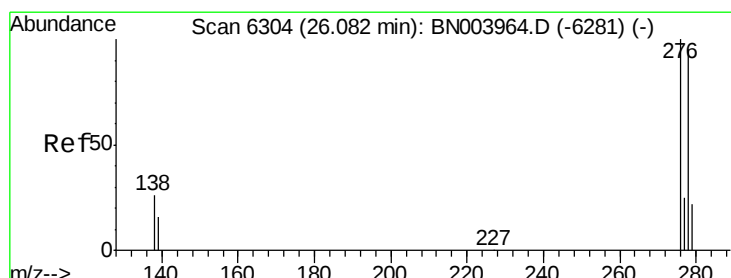
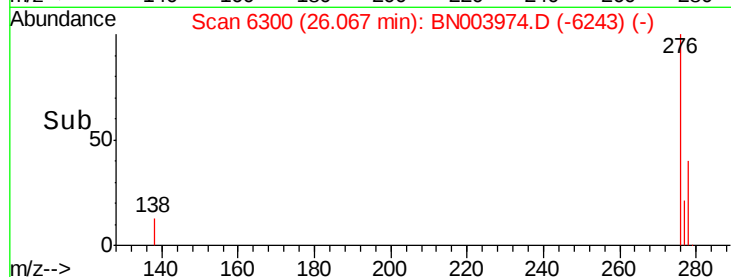
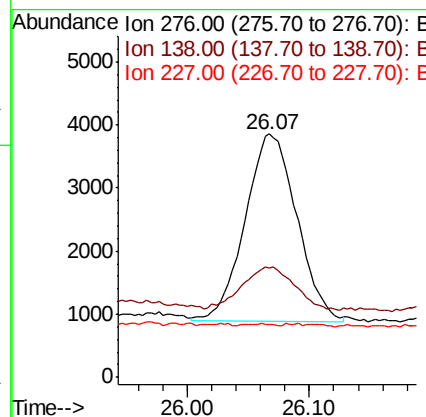
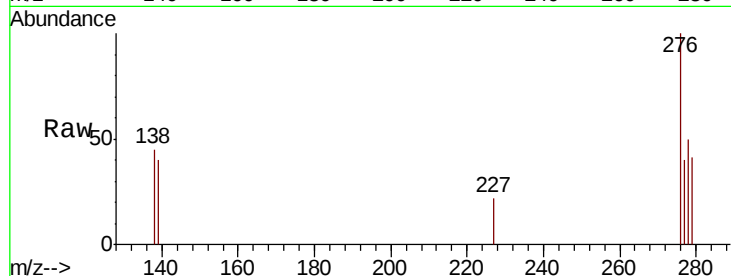
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.128 ng/ul m
RT: 26.07 min Scan# 6300
Delta R.T. -0.01 min
Lab File: BN003974.D
Acq: 16 Dec 2018 00:33

Instrument :
BNA_N
ClientSampled :
F9Y27

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.7	20.3	30.5#
227	0.0	0.2	0.2#

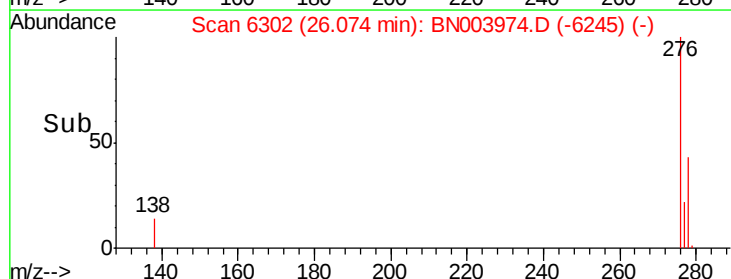
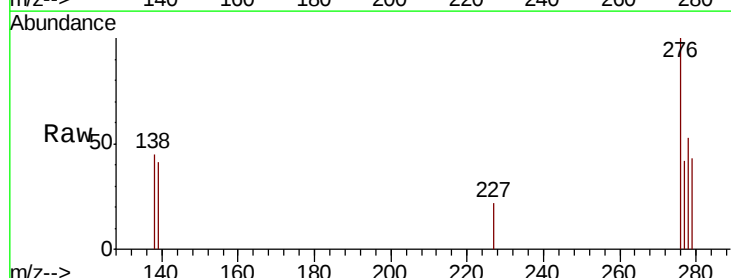
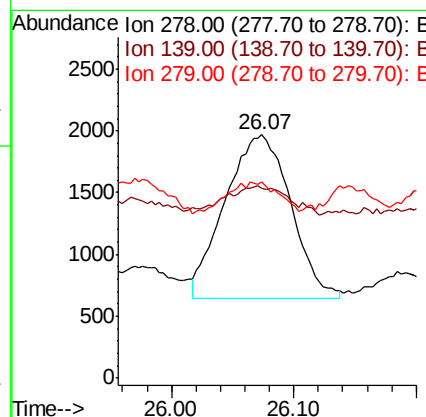
Manual Integrations
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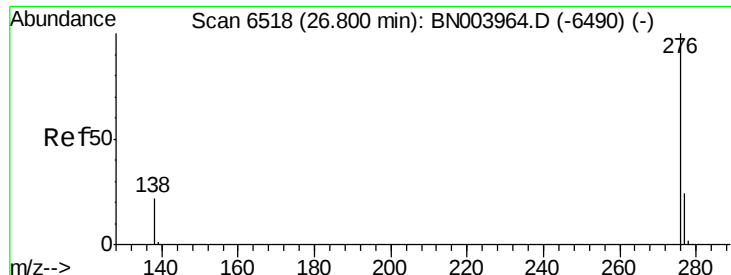
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#25
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul m
RT: 26.07 min Scan# 6302
Delta R.T. -0.01 min
Lab File: BN003974.D
Acq: 16 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	78.2	14.2	21.4#
279	80.7	19.8	29.6#





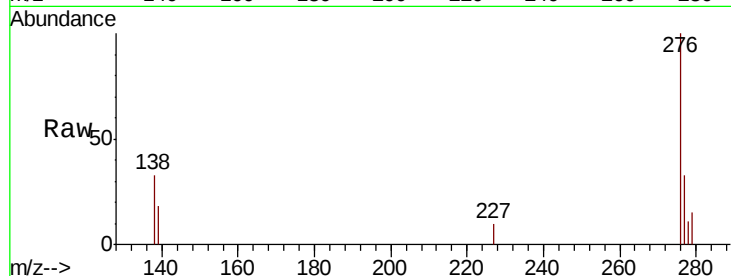
#26
 Benzo(a,h,i)perylene
 Concen: 0.338 ng/ul
 RT: 26.80 min Scan# 6517
 Delta R.T. -0.00 min
 Lab File: BN003974.D
 Acq: 16 Dec 2018 00:33

Instrument :
 BNA_N
 ClientSampleId :
 F9Y27

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	17.7	26.5#
277	32.7	19.3	28.9#

Manual Integrations
 APPROVED

Sohil
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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

