

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
 Data File : BN003983.D
 Acq On : 16 Dec 2018 06:30
 Operator : JU/SJ
 Sample : J6171-16
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9Y26

Manual Integrations
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Quant Time: Dec 17 00:38:49 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 : Mon Dec 17 00:13:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2720	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	12333	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	7976	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	18470m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18107m	0.40	ng/ul	0.01
20) Perylene-d12	23.74	264	16062m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4587	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	14514m	0.27	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.68	128	17147	0.495	ng/ul	98
5) 2-Methylnaphthalene	12.29	142	33366	1.379	ng/ul	100
7) Acenaphthylene	14.19	152	1974	0.055	ng/ul#	61
8) Acenaphthene	14.54	153	2384	0.076	ng/ul	93
9) Fluorene	15.52	166	4940	0.135	ng/ul#	95
12) Phenanthrene	17.26	178	331547	5.469	ng/ul	99
13) Anthracene	17.35	178	29458m	0.591	ng/ul	
15) Fluoranthene	19.28	202	58336m	0.815	ng/ul	
17) Pyrene	19.64	202	284857	4.386	ng/ul	98
18) Benzo(a)anthracene	21.39	228	87966m	1.538	ng/ul	
19) Chrysene	21.44	228	167487m	2.559	ng/ul	
21) Benzo(b)fluoranthene	23.03	252	40347m	0.607	ng/ul	
23) Benzo(a)pyrene	23.64	252	62936m	1.094	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.12	276	87135m	1.321	ng/ul	
25) Dibenzo(a,h)anthracene	26.11	278	26818m	0.505	ng/ul	
26) Benzo(a,h,i)perylene	26.87	276	478187	8.339	ng/ul	93

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

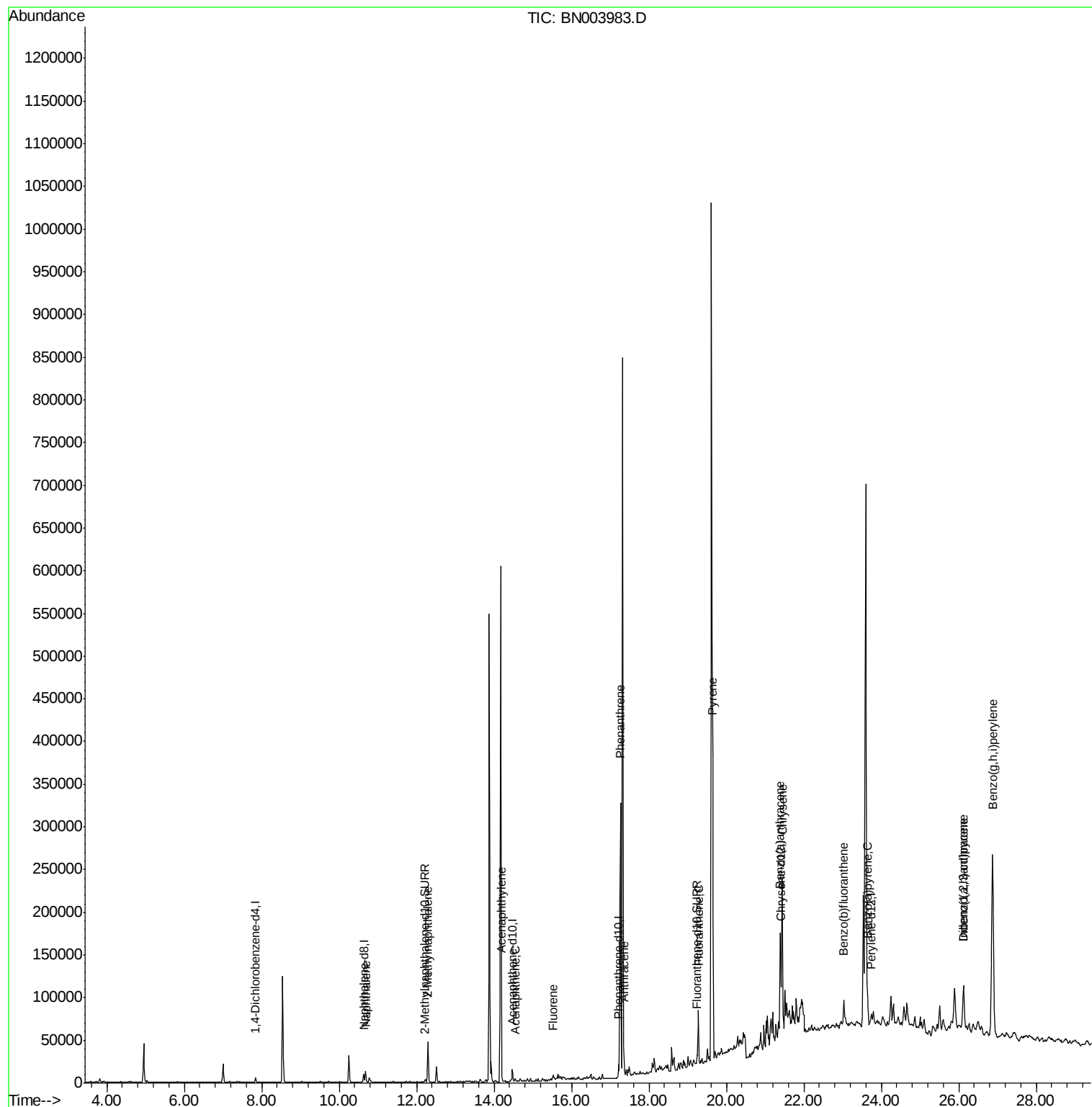
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003983.D
Acq On : 16 Dec 2018 06:30
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

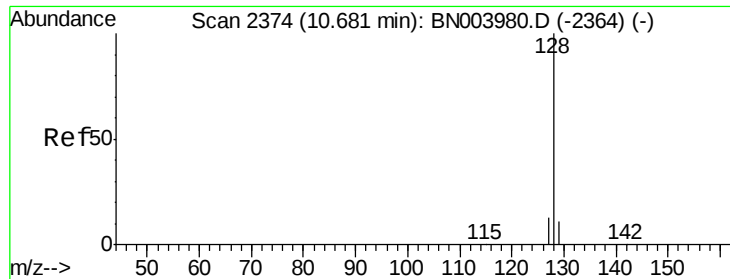
Instrument :
BNA_N
ClientSampleId :
F9Y26

Quant Time: Dec 17 00:38:49 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 : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.495 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BN003983.D

Acq: 16 Dec 2018 06:30

Instrument :

BNA_N

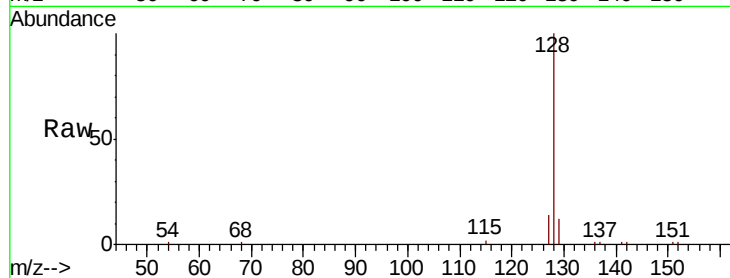
ClientSampleId :

F9Y26

Tot Ion:	128	Resp:	17147
Ion Ratio	Lower	Upper	
128	100		
129	12.3	9.0	13.6
127	13.5	10.5	15.7

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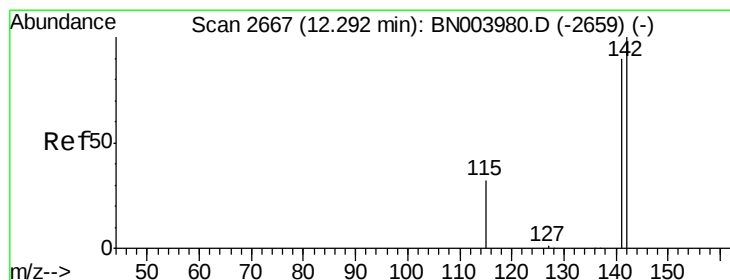
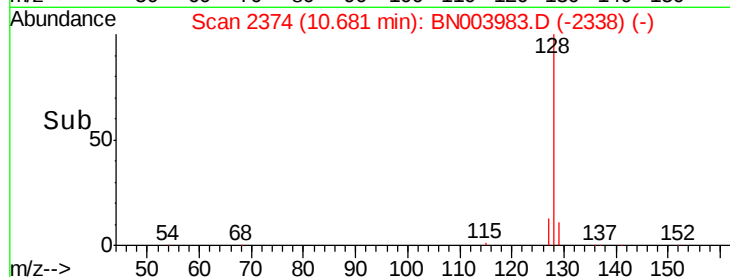
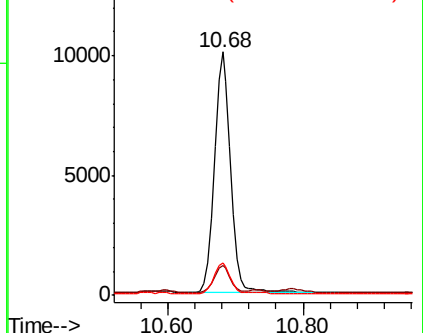
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.379 ng/ul

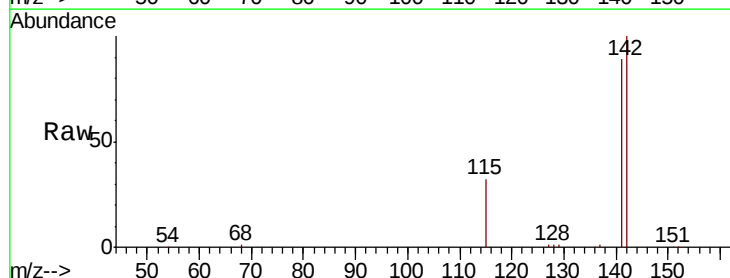
RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003983.D

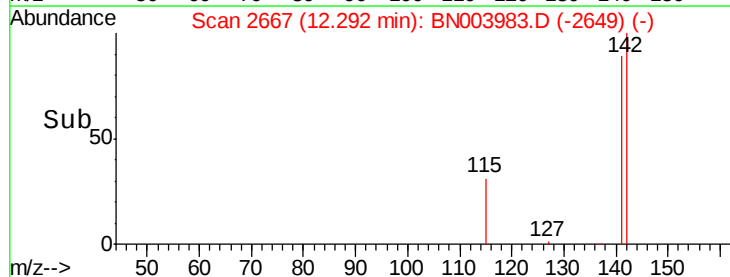
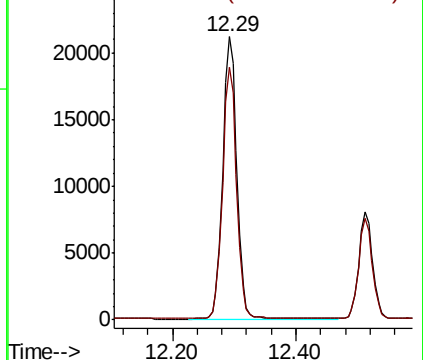
Acq: 16 Dec 2018 06:30

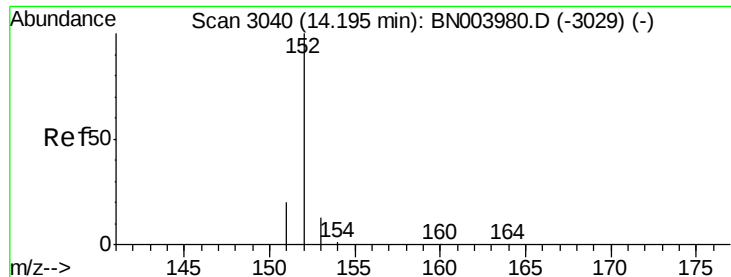
Tgt Ion:	142	Resp:	33366
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.5	107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.055 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN003983.D

Acq: 16 Dec 2018 06:30

Instrument :

BNA_N

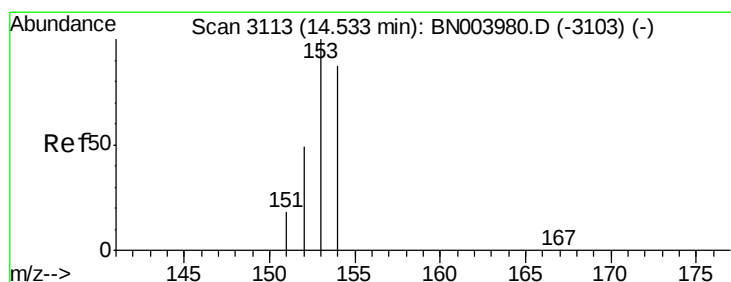
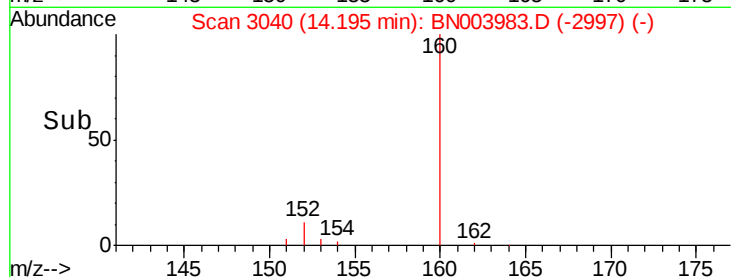
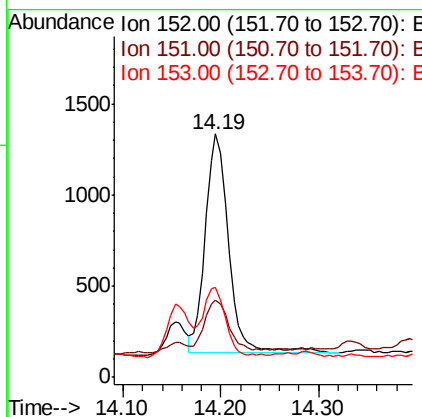
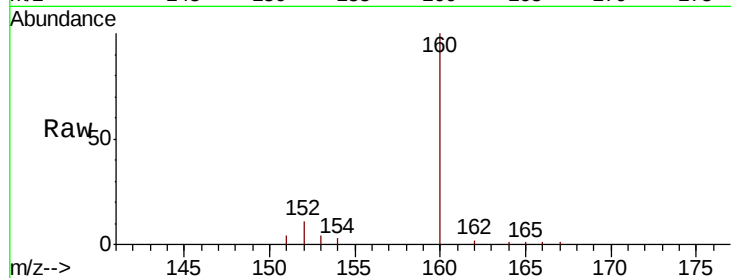
ClientSampleId :

F9Y26

Tot Ion:	152	Resp:	1974
Ion Ratio	Lower	Upper	
152	100		
151	31.7	15.9	23.9#
153	36.9	10.7	16.1#

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#8

Acenaphthene

Concen: 0.076 ng/ul

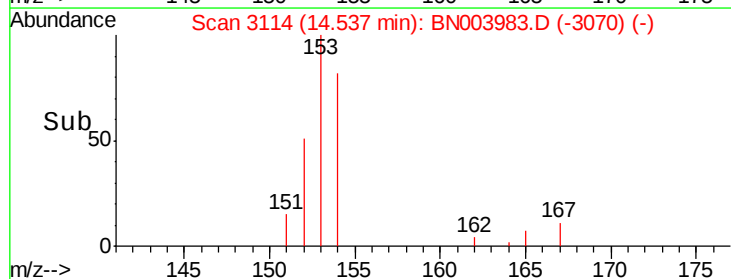
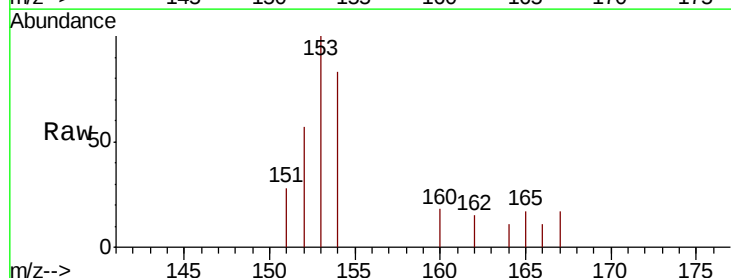
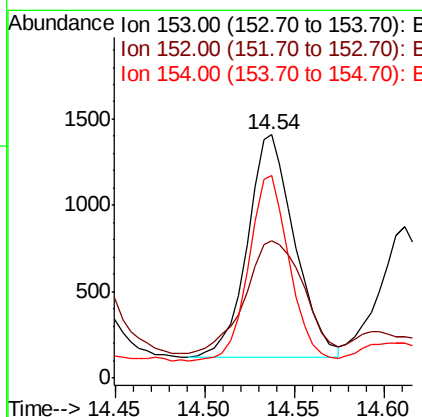
RT: 14.54 min Scan# 3114

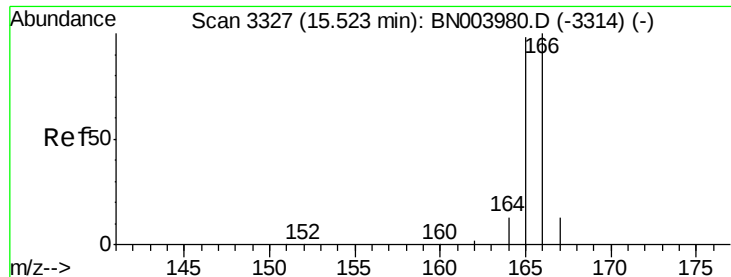
Delta R.T. 0.00 min

Lab File: BN003983.D

Acq: 16 Dec 2018 06:30

Tgt Ion:	153	Resp:	2384
Ion Ratio	Lower	Upper	
153	100		
152	56.7	39.3	58.9
154	83.0	70.3	105.5





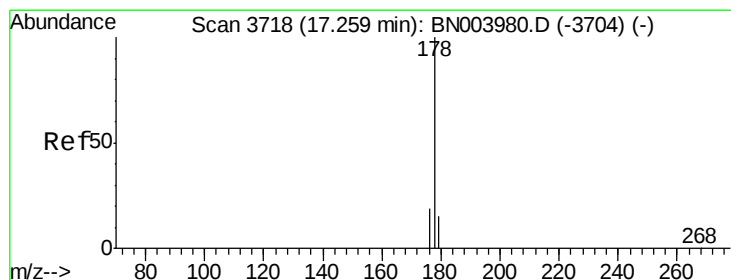
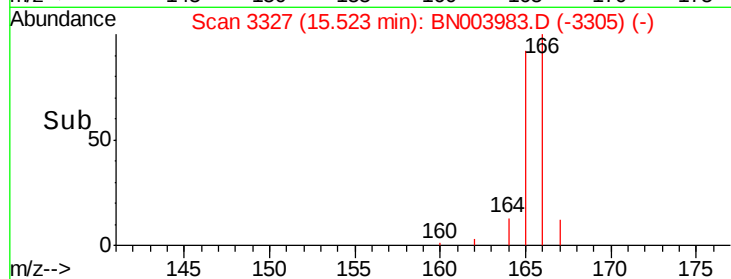
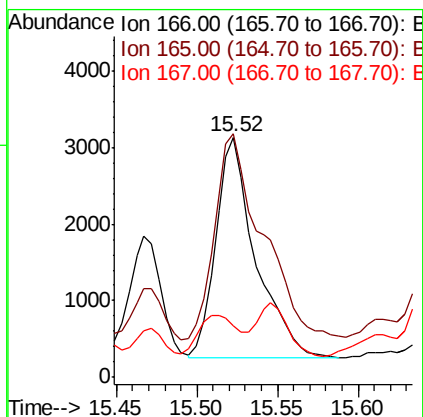
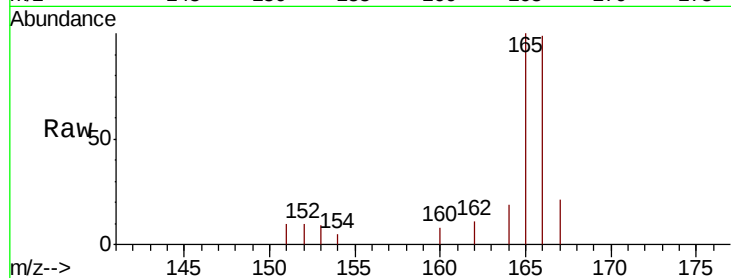
#9
Fluorene
 Concen: 0.135 ng/ul
 RT: 15.52 min Scan# 3327
 Delta R.T. 0.00 min
 Lab File: BN003983.D
 Acq: 16 Dec 2018 06:30

Instrument :
 BNA_N
 ClientSampled :
 F9Y26

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.3	117.5
167	21.8	11.3	16.9

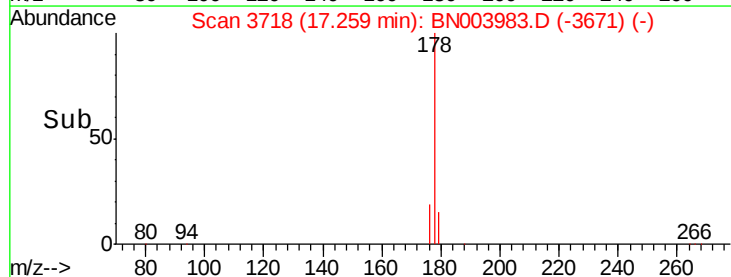
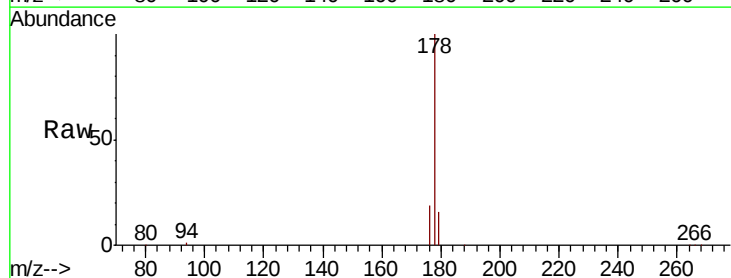
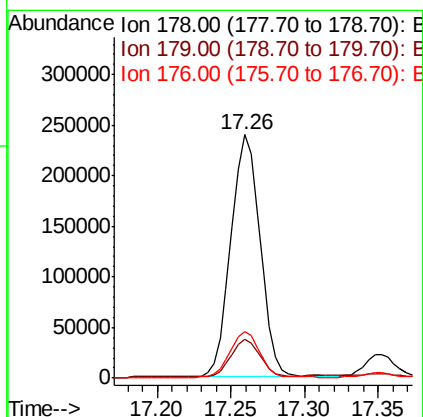
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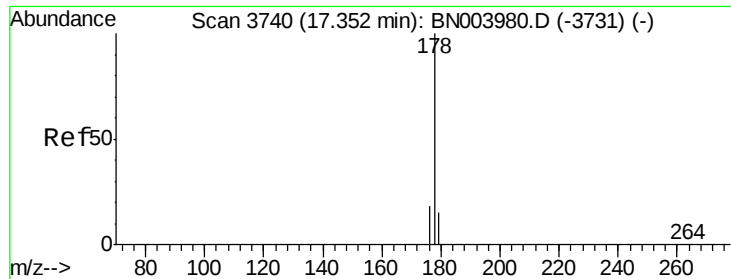
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#12
Phenanthrene
 Concen: 5.469 ng/ul
 RT: 17.26 min Scan# 3718
 Delta R.T. -0.00 min
 Lab File: BN003983.D
 Acq: 16 Dec 2018 06:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.1	15.0	22.4





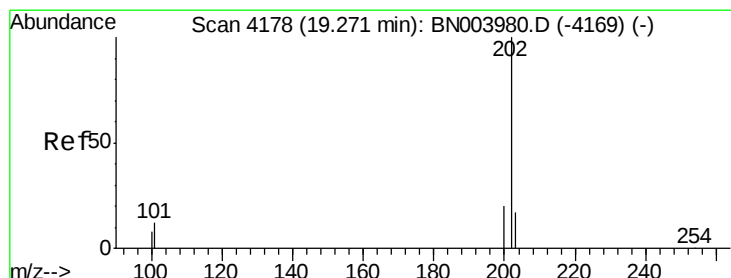
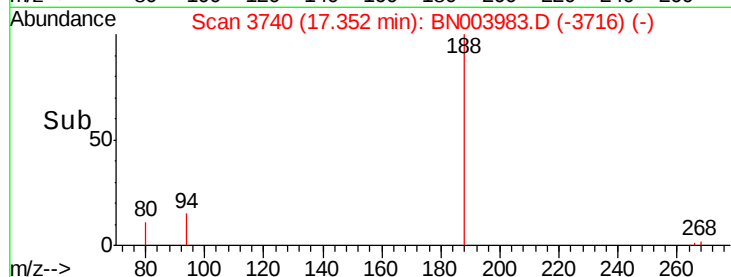
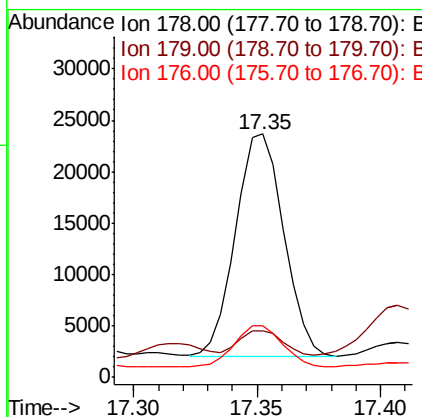
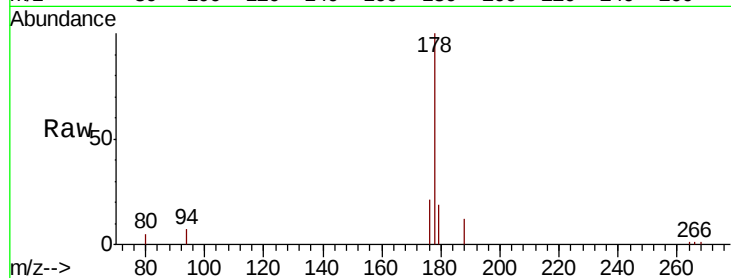
#13
 Anthracene
 Concen: 0.591 ng/ul m
 RT: 17.35 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: BN003983.D
 Acq: 16 Dec 2018 06:30

Instrument :
 BNA_N
 ClientSampleId :
 F9Y26

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.3	18.5#
176	21.2	14.8	22.2

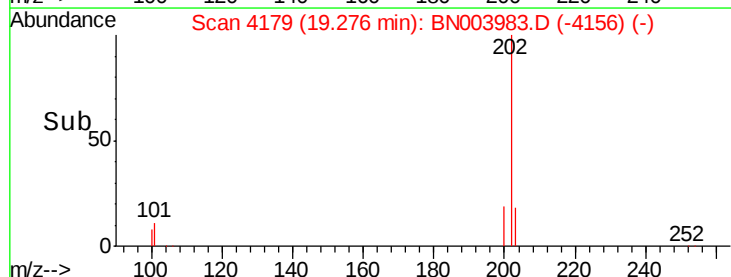
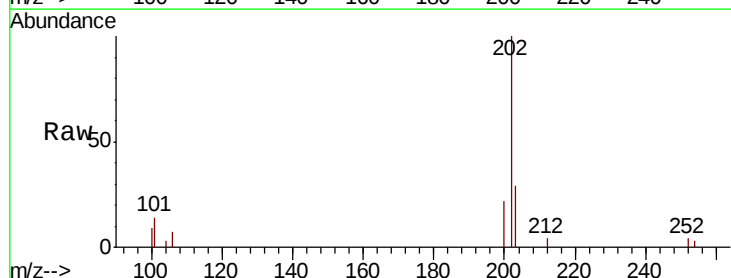
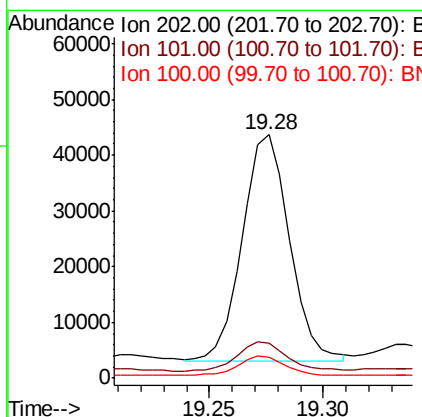
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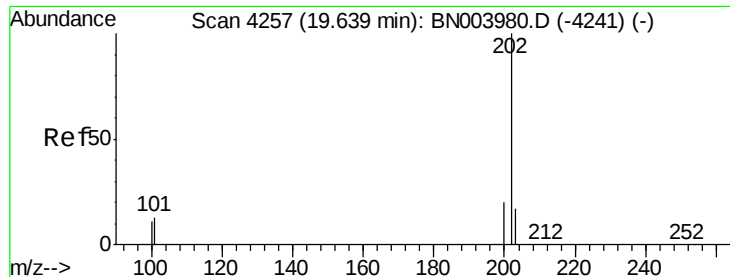
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#15
 Fluoranthene
 Concen: 0.815 ng/ul m
 RT: 19.28 min Scan# 4179
 Delta R.T. 0.00 min
 Lab File: BN003983.D
 Acq: 16 Dec 2018 06:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	30.7
100	8.6	0.0	28.1





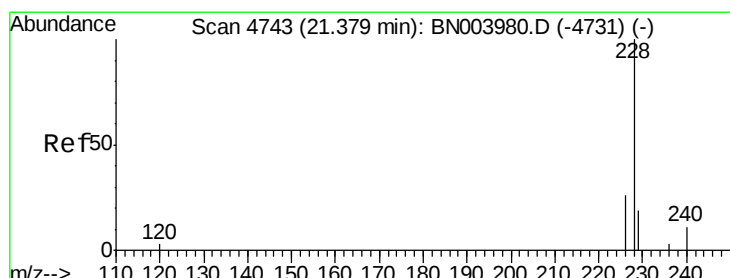
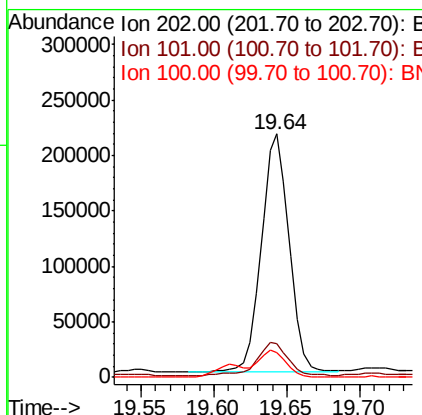
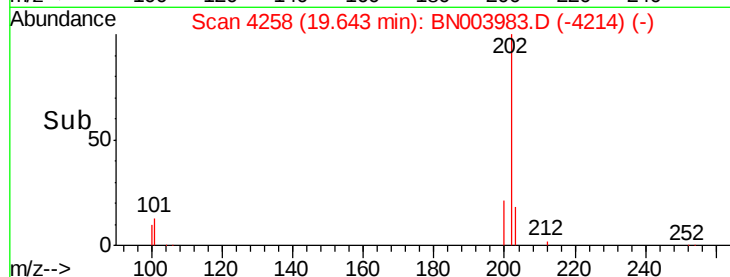
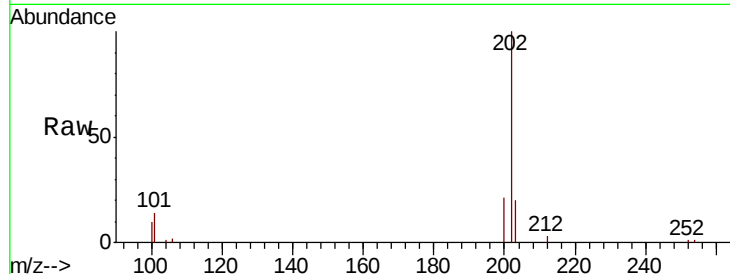
#17
Pvrene
Concen: 4.386 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. 0.00 min
Lab File: BN003983.D
Acq: 16 Dec 2018 06:30

Instrument :
BNA_N
ClientSampled :
F9Y26

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	10.3	15.5
100	10.4	8.5	12.7

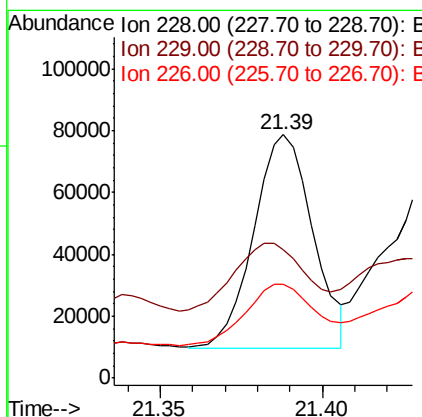
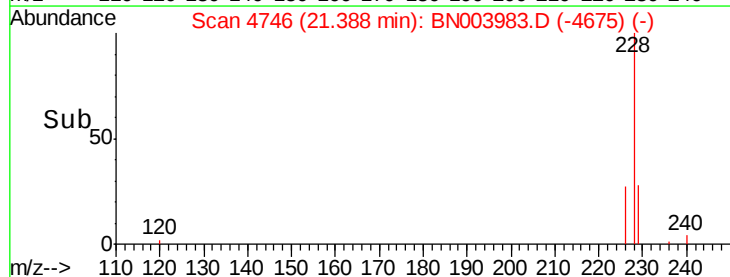
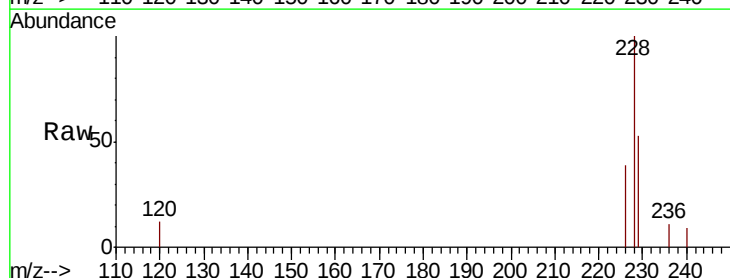
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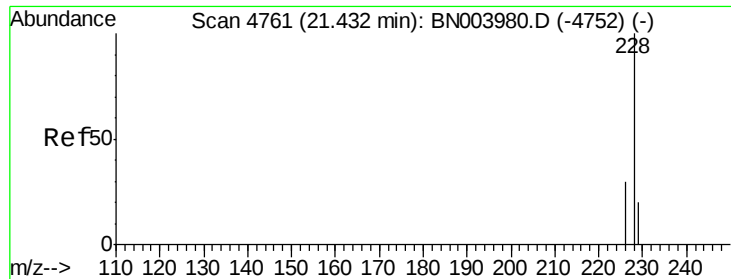
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#18
Benzo(a)anthracene
Concen: 1.538 ng/ul m
RT: 21.39 min Scan# 4746
Delta R.T. 0.01 min
Lab File: BN003983.D
Acq: 16 Dec 2018 06:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	52.9	15.6	23.4#
226	38.6	21.1	31.7#





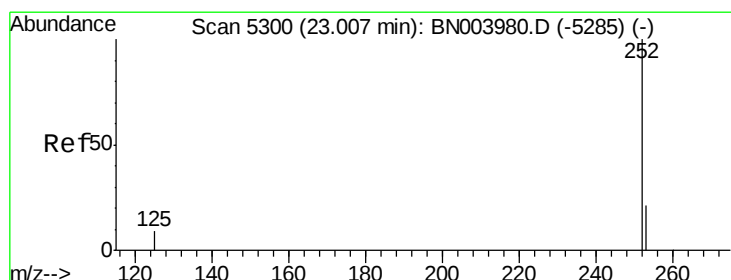
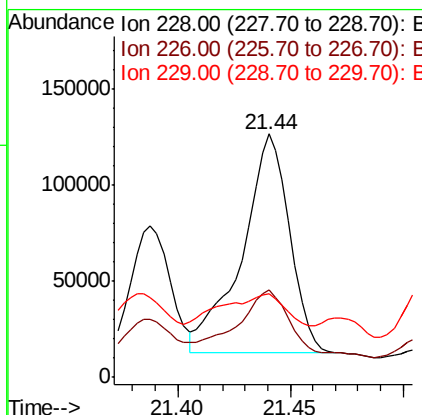
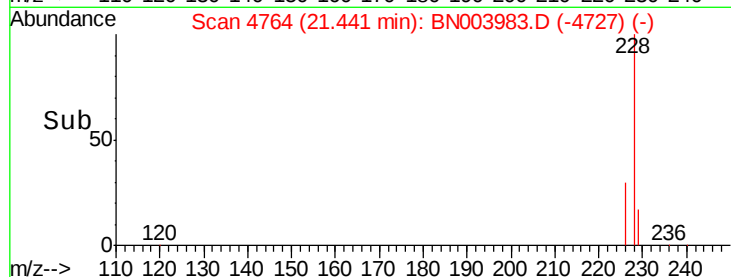
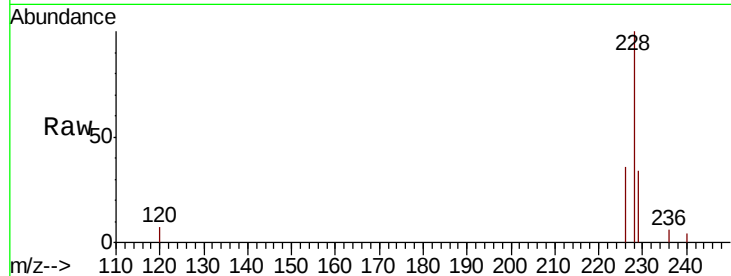
#19
Chrysene
Concen: 2.559 ng/ul m
RT: 21.44 min Scan# 4764
Delta R.T. 0.01 min
Lab File: BN003983.D
Acq: 16 Dec 2018 06:30

Instrument :
BNA_N
ClientSampled :
F9Y26

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.2	24.0	36.0#
229	34.2	15.7	23.5#

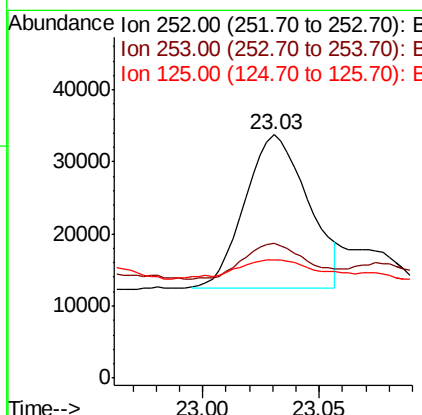
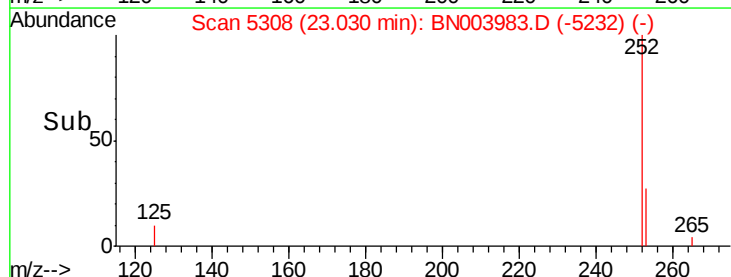
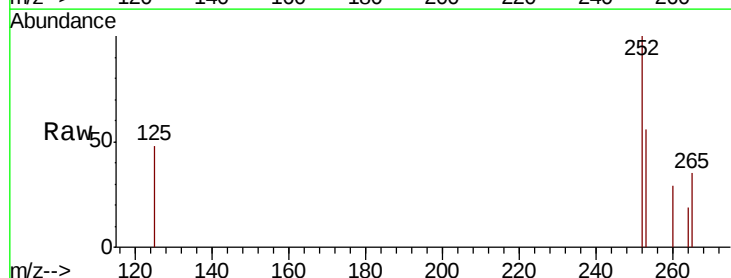
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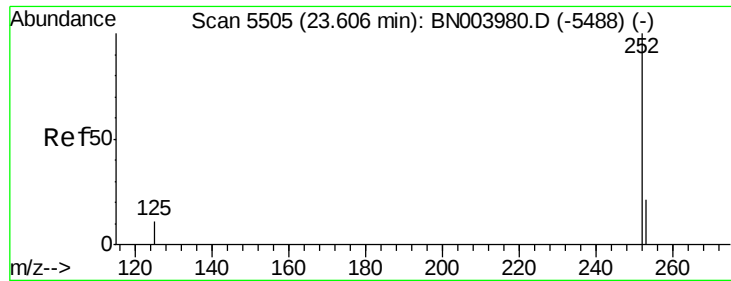
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#21
Benzo(b)fluoranthene
Concen: 0.607 ng/ul m
RT: 23.03 min Scan# 5308
Delta R.T. 0.02 min
Lab File: BN003983.D
Acq: 16 Dec 2018 06:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.6	0.0	46.0#
125	48.5	0.0	22.4#





#23

Benzo(a)pyrene

Concen: 1.094 ng/ul m

RT: 23.64 min Scan# 5516

Delta R.T. 0.03 min

Lab File: BN003983.D

Acq: 16 Dec 2018 06:30

Instrument :

BNA_N

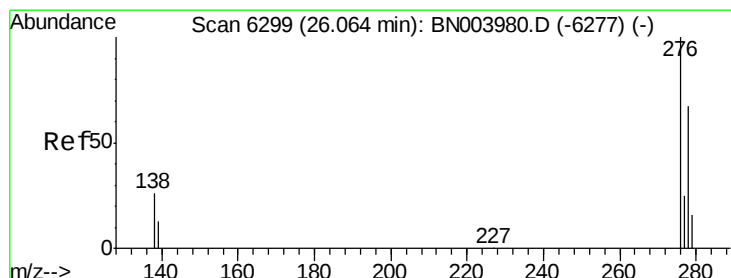
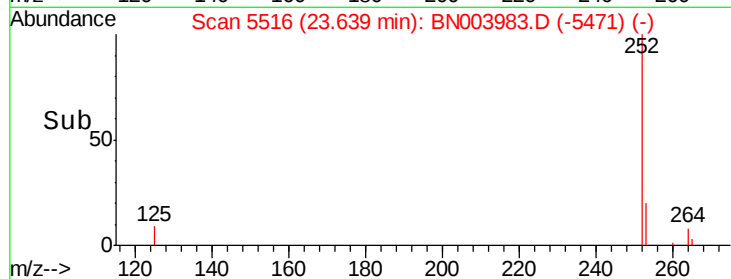
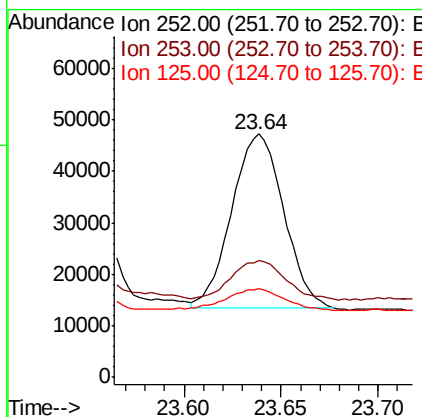
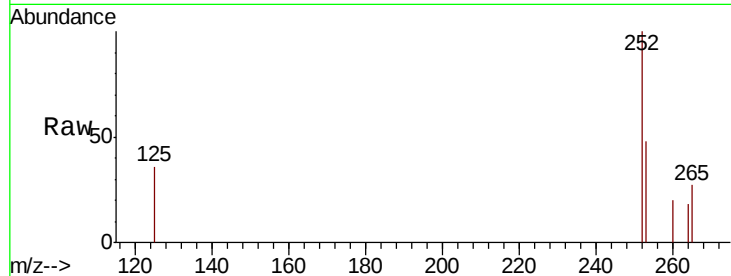
ClientSampleId :

F9Y26

Tot Ion:	252	Resp:	62936
Ion Ratio	Lower	Upper	
252	100		
253	47.9	19.0	28.4#
125	36.4	10.2	15.4#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.321 ng/ul m

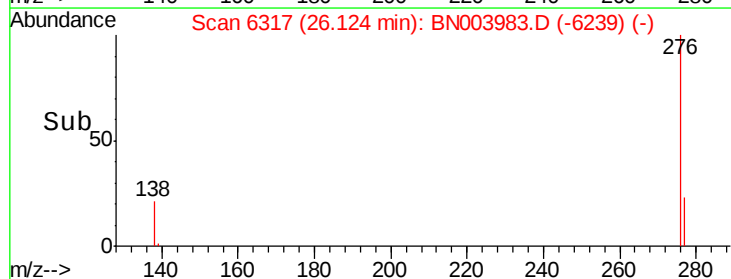
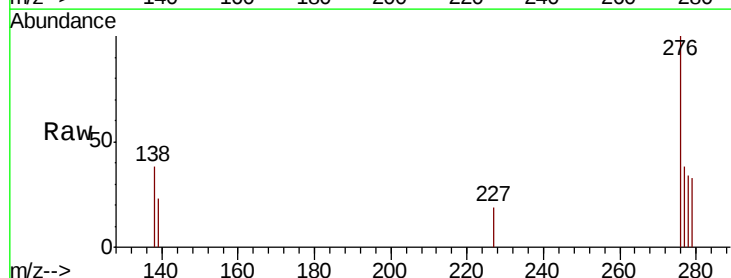
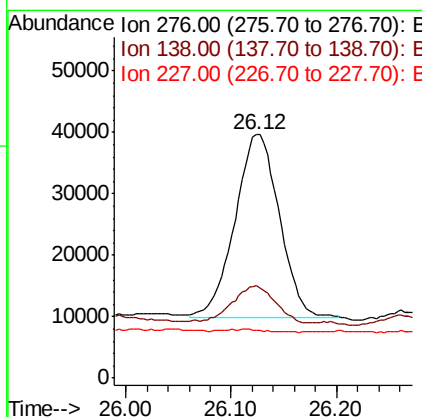
RT: 26.12 min Scan# 6317

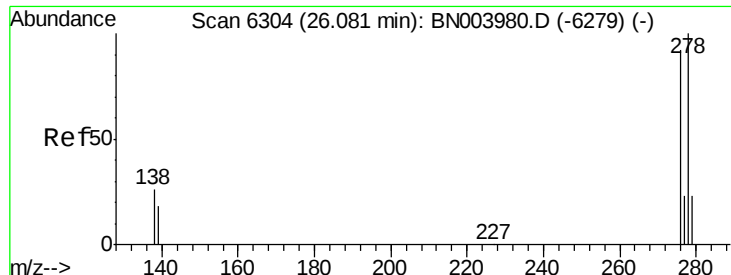
Delta R.T. 0.06 min

Lab File: BN003983.D

Acq: 16 Dec 2018 06:30

Tgt Ion:	276	Resp:	87135
Ion Ratio	Lower	Upper	
276	100		
138	4.7	20.3	30.5#
227	1.0	0.2	0.2#





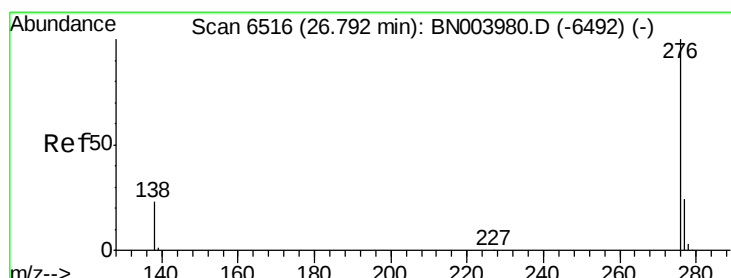
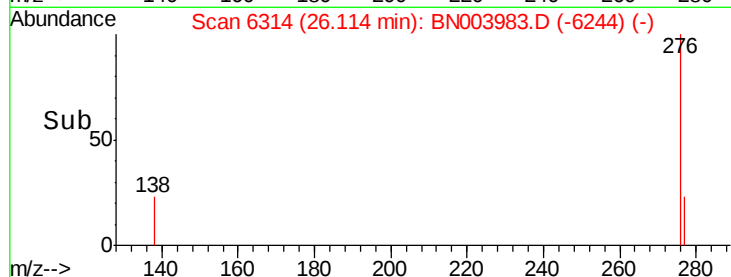
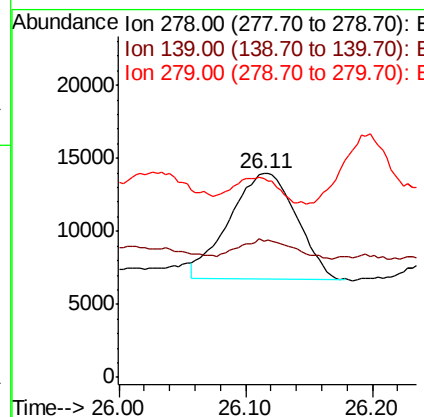
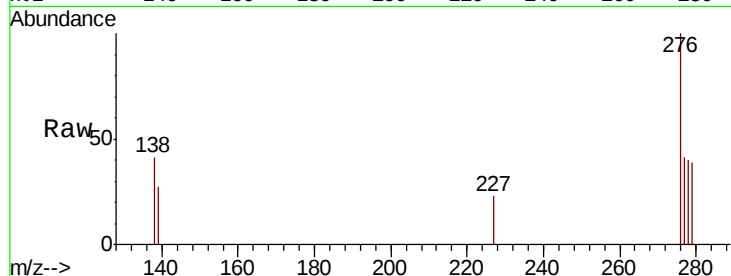
#25
Dibenzo(a,h)anthracene
Concen: 0.505 ng/ul m
RT: 26.11 min Scan# 6314
Delta R.T. 0.03 min
Lab File: BN003983.D
Acq: 16 Dec 2018 06:30

Instrument :
BNA_N
ClientSampleId :
F9Y26

Tot Ion	Ratio	Lower	Upper
278	100		
139	66.8	14.2	21.4#
279	97.5	19.8	29.6#

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:15 PM



#26
Benzo(g,h,i)perylene
Concen: 8.339 ng/ul
RT: 26.87 min Scan# 6540
Delta R.T. 0.08 min
Lab File: BN003983.D
Acq: 16 Dec 2018 06:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	17.7	26.5
277	27.4	19.3	28.9

