

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
 Data File : BN004105.D
 Acq On : 19 Dec 2018 10:15
 Operator : JU/SJ
 Sample : J6271-05DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F12DL

Manual Integrations
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Sohil
 12/20/2018 2:02:44 PM

Quant Time: Dec 20 04:51:31 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 : Thu Dec 20 04:42:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1179	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6055	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	3881	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	10282	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	11298	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	11052	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	511	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1584	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.68	128	1489	0.088	ng/ul#	85
5) 2-Methylnaphthalene	12.29	142	2801	0.236	ng/ul	100
9) Fluorene	15.52	166	362	0.020	ng/ul#	83
12) Phenanthrene	17.25	178	20454	0.606	ng/ul	99
13) Anthracene	17.35	178	1525	0.055	ng/ul#	88
15) Fluoranthene	19.27	202	3647	0.092	ng/ul	90
17) Pyrene	19.63	202	20821	0.514	ng/ul#	93
18) Benzo(a)anthracene	21.38	228	6249	0.175	ng/ul#	87
19) Chrysene	21.44	228	12645	0.310	ng/ul#	95
21) Benzo(b)fluoranthene	23.01	252	3352m	0.073	ng/ul	
23) Benzo(a)pyrene	23.62	252	3989	0.101	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	26.08	276	1894	0.042	ng/ul	95
25) Dibenzo(a,h)anthracene	26.08	278	1326	0.036	ng/ul#	24
26) Benzo(g,h,i)perylene	26.81	276	4344	0.110	ng/ul#	84

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

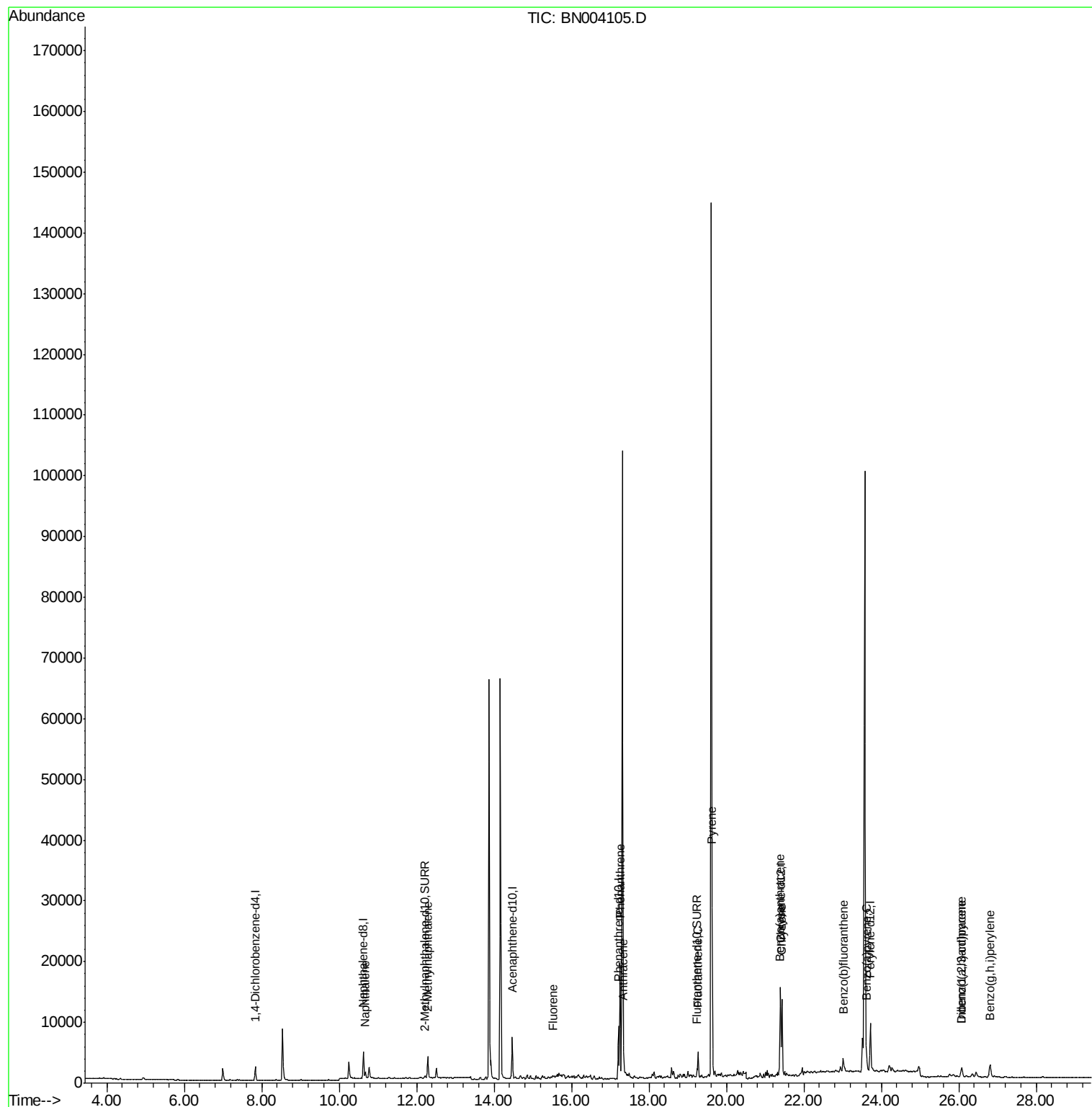
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
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Operator : JU/SJ
Sample : J6271-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

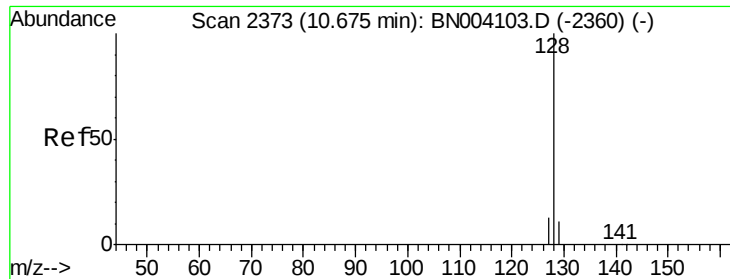
Instrument :
BNA_N
ClientSampleId :
F9F12DL

Manual Integrations
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Quant Time: Dec 20 04:51:31 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 : Thu Dec 20 04:42:11 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.088 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BN004105.D

Acq: 19 Dec 2018 10:15

Instrument :

BNA_N

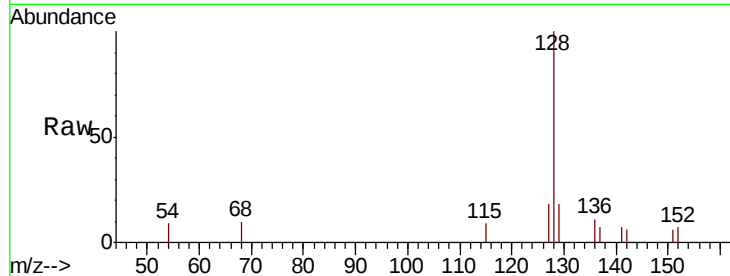
ClientSampleId :

F9F12DL

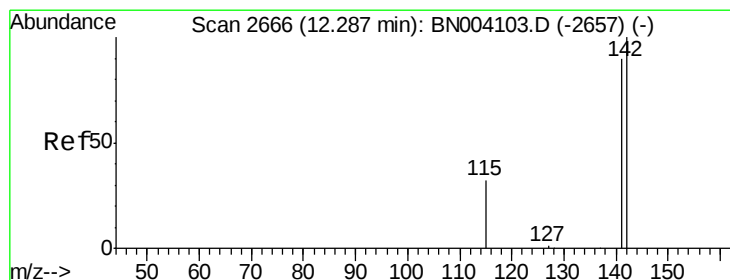
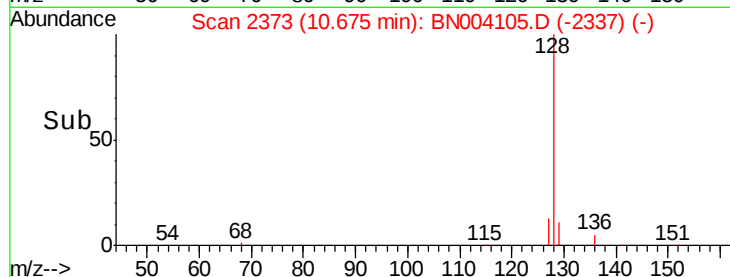
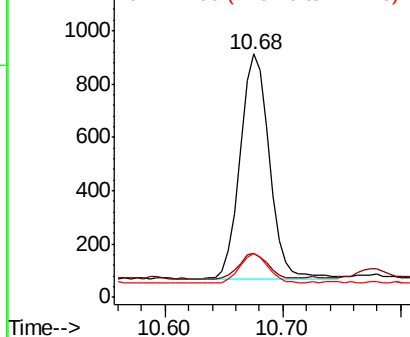
Tot Ion:	128	Resp:	1489
Ion Ratio	Lower	Upper	
128	100		
129	18.1	9.0	13.6#
127	18.1	10.5	15.7#

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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: 0.236 ng/ul

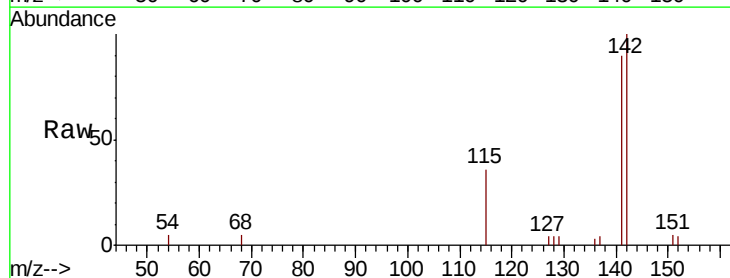
RT: 12.29 min Scan# 2666

Delta R.T. -0.00 min

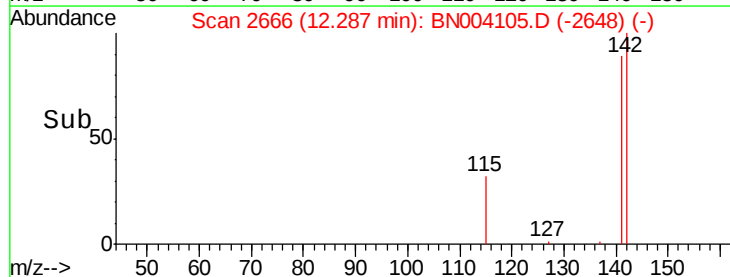
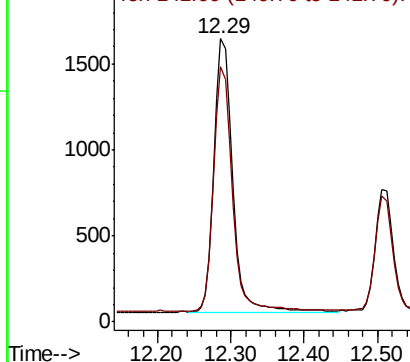
Lab File: BN004105.D

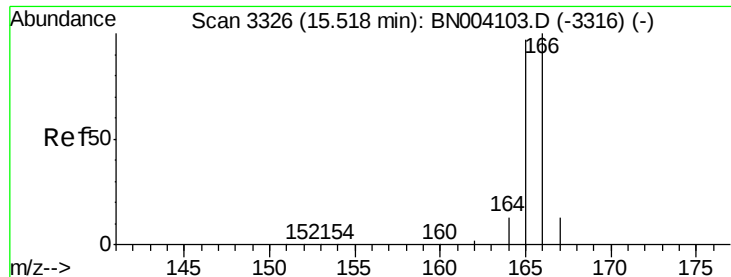
Acq: 19 Dec 2018 10:15

Tgt Ion:	142	Resp:	2801
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





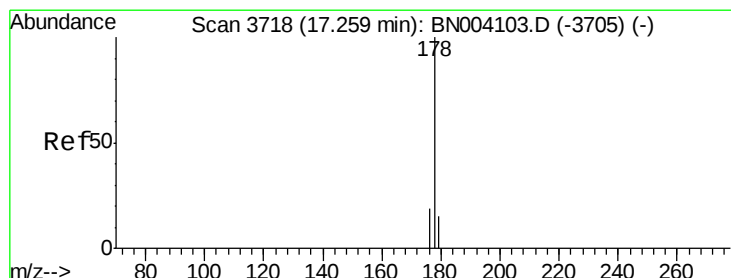
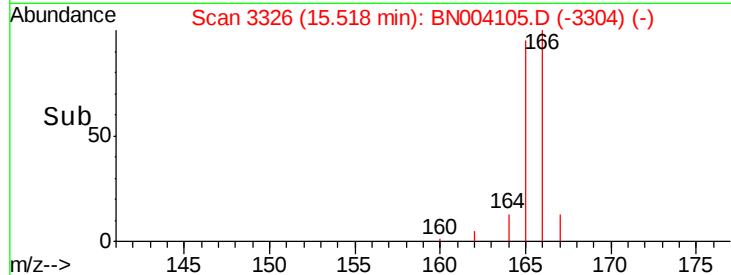
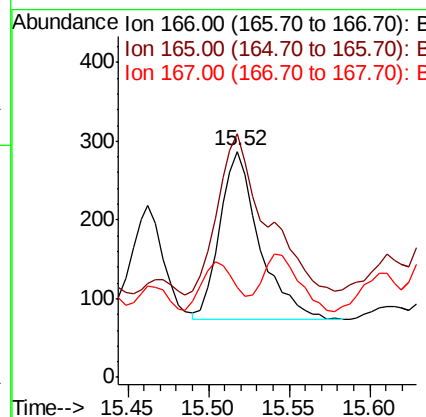
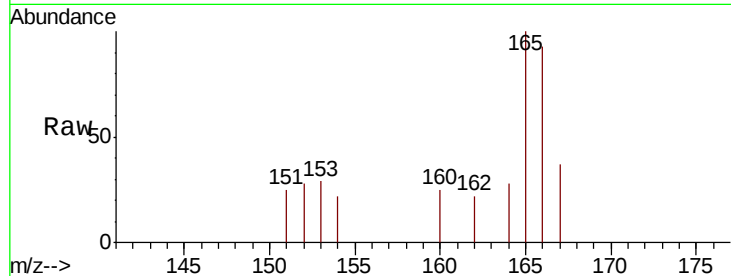
#9
Fluorene
 Concen: 0.020 ng/ul
 RT: 15.52 min Scan# 3326
 Delta R.T. -0.00 min
 Lab File: BN004105.D
 Acq: 19 Dec 2018 10:15

Instrument :
 BNA_N
 ClientSampleId :
 F9F12DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.7	78.3	117.5
167	40.1	11.3	16.9

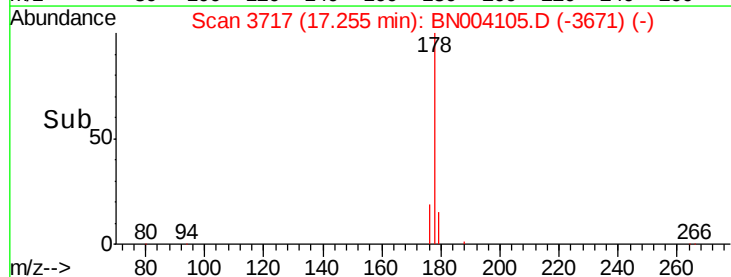
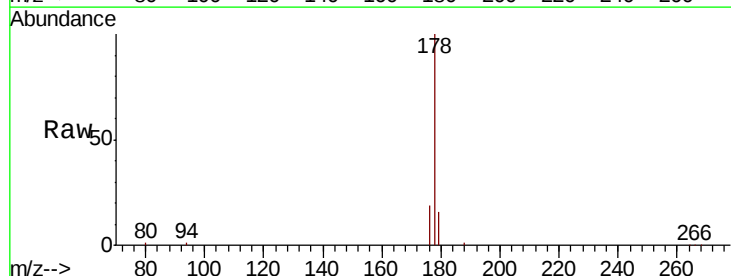
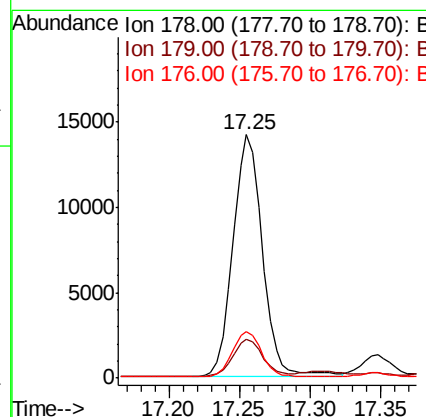
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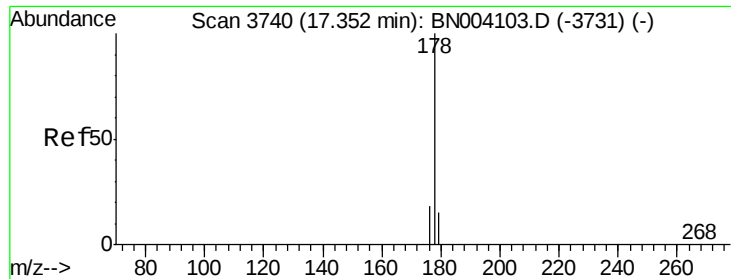
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#12
Phenanthrene
 Concen: 0.606 ng/ul
 RT: 17.25 min Scan# 3717
 Delta R.T. -0.00 min
 Lab File: BN004105.D
 Acq: 19 Dec 2018 10:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.1	15.0	22.4





#13

Anthracene

Concen: 0.055 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004105.D

Acq: 19 Dec 2018 10:15

Instrument :

BNA_N

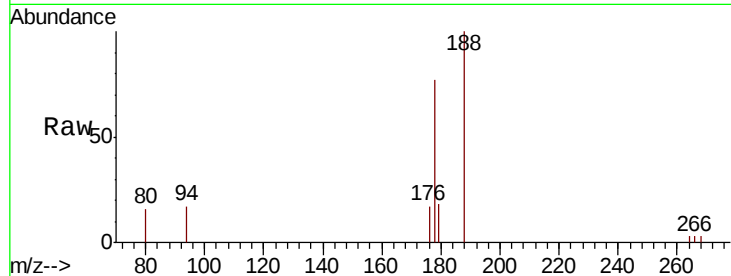
ClientSampleId :

F9F12DL

Tot Ion:	178	Resp:	1525
Ion Ratio	Lower	Upper	
178	100		
179	22.8	12.3	18.5#
176	22.0	14.8	22.2

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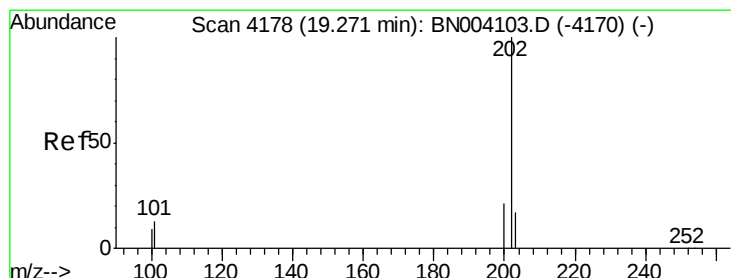
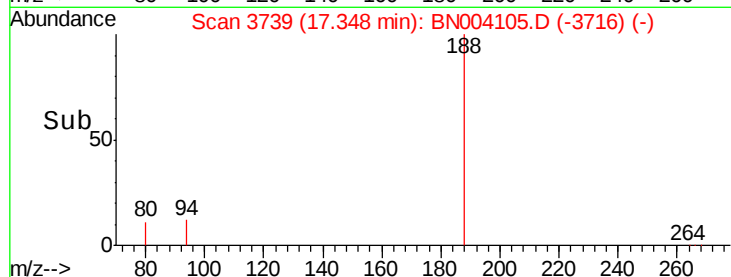
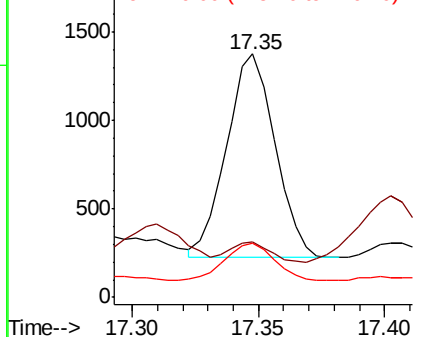
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.092 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004105.D

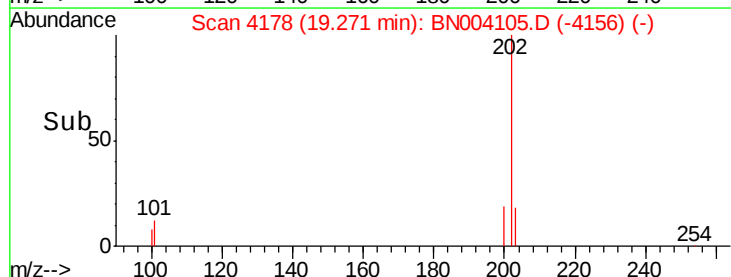
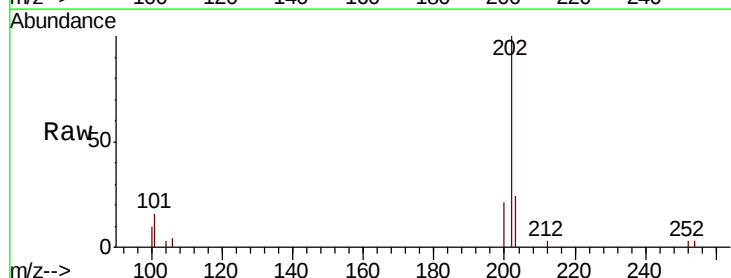
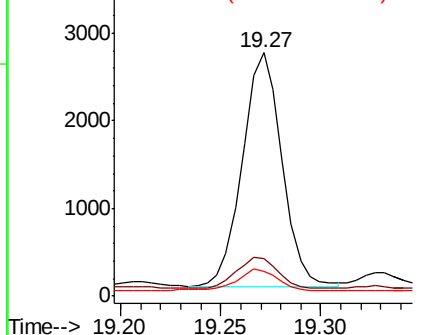
Acq: 19 Dec 2018 10:15

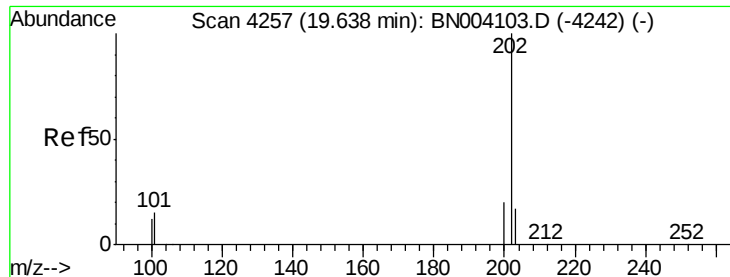
Tgt Ion:	202	Resp:	3647
Ion Ratio	Lower	Upper	
202	100		
101	15.6	0.0	30.7
100	10.4	0.0	28.1

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

Pvrene

Concen: 0.514 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN004105.D

Acq: 19 Dec 2018 10:15

Instrument :

BNA_N

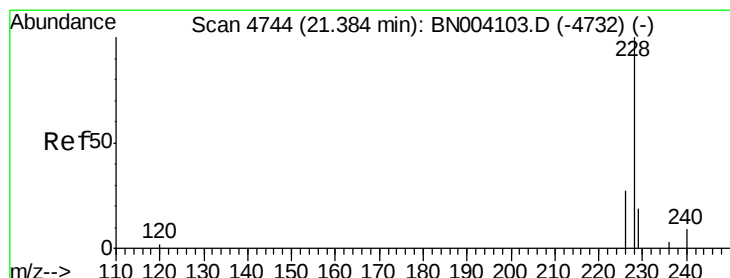
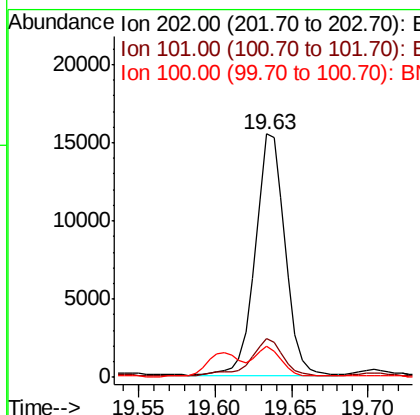
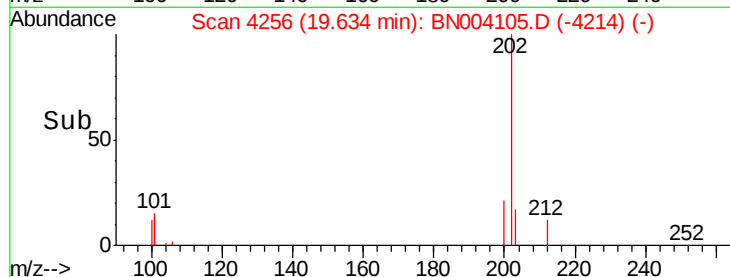
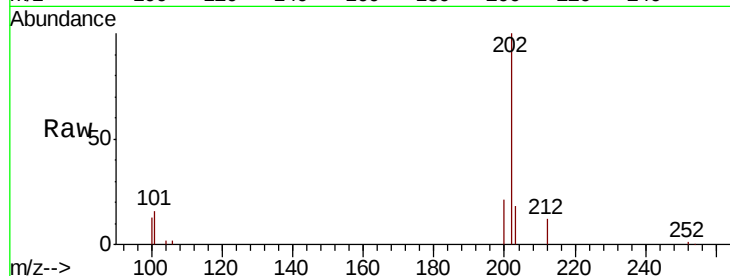
ClientSampleId :

F9F12DL

Tot Ion:	202	Resp:	20821
Ion Ratio	Lower	Upper	
202	100		
101	15.9	10.3	15.5#
100	12.7	8.5	12.7

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#18

Benzo(a)anthracene

Concen: 0.175 ng/ul

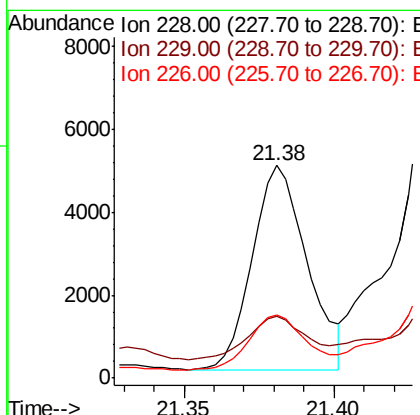
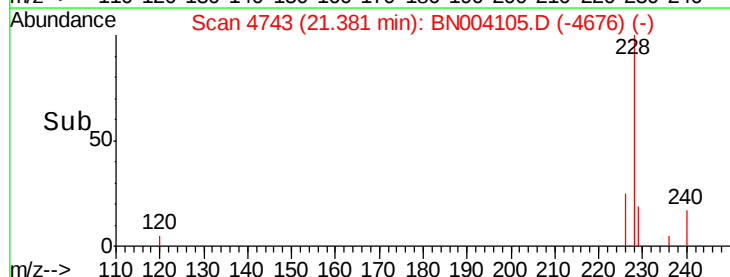
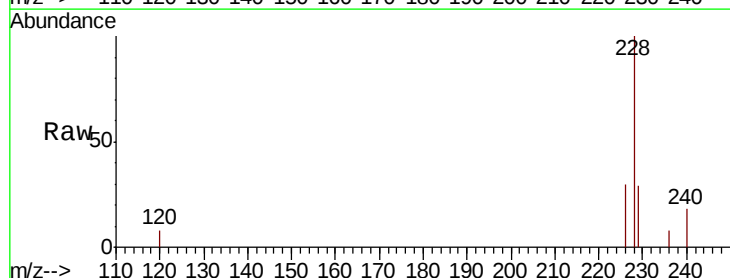
RT: 21.38 min Scan# 4743

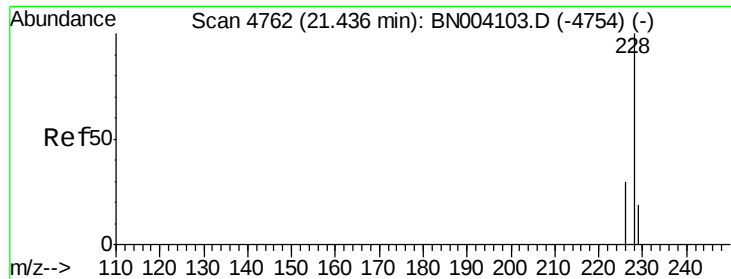
Delta R.T. -0.00 min

Lab File: BN004105.D

Acq: 19 Dec 2018 10:15

Tgt Ion:	228	Resp:	6249
Ion Ratio	Lower	Upper	
228	100		
229	28.9	15.6	23.4#
226	29.9	21.1	31.7





#19

Chrysene

Concen: 0.310 ng/ul

RT: 21.44 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN004105.D

Acq: 19 Dec 2018 10:15

Instrument :

BNA_N

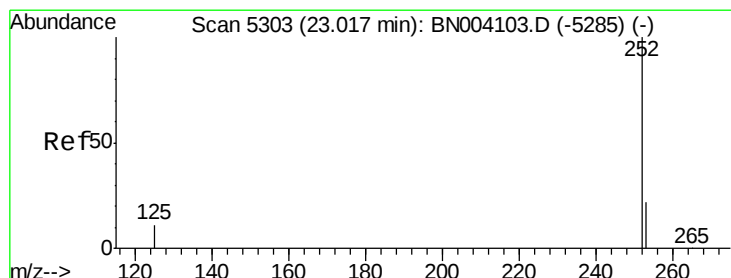
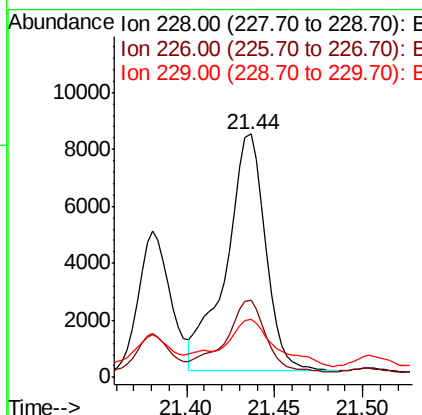
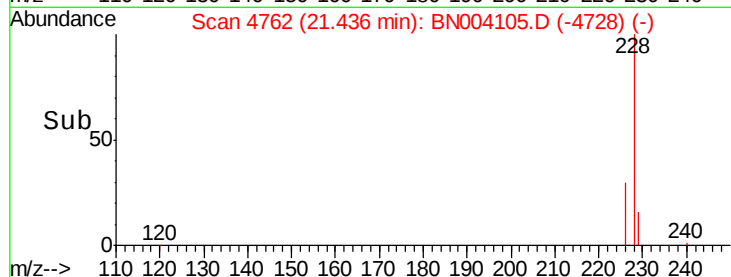
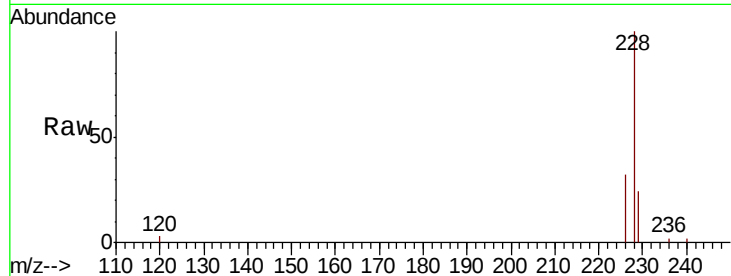
ClientSampled :

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Tot Ion:	228	Resp:	12645
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.0	36.0
229	23.7	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.073 ng/ul m

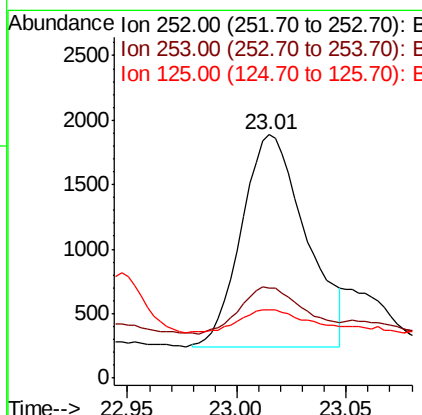
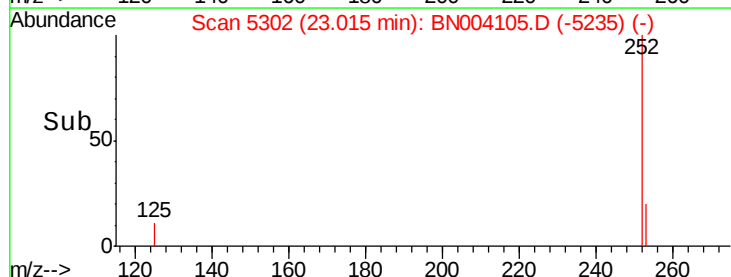
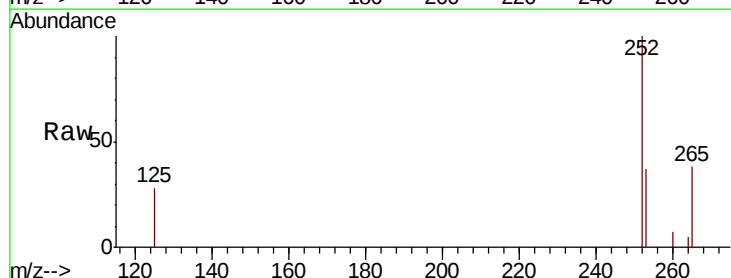
RT: 23.01 min Scan# 5302

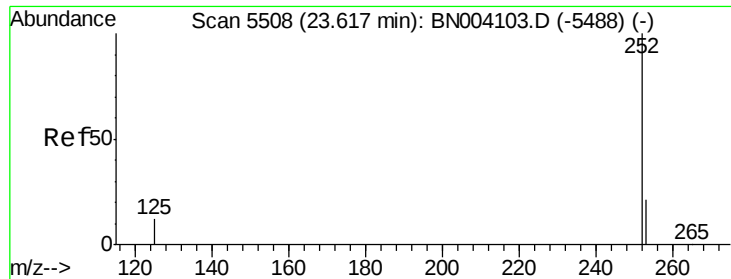
Delta R.T. -0.00 min

Lab File: BN004105.D

Acq: 19 Dec 2018 10:15

Tgt Ion:	252	Resp:	3352
Ion Ratio	Lower	Upper	
252	100		
253	37.2	0.0	46.0
125	27.8	0.0	22.4#





#23

Benzo(a)pyrene

Concen: 0.101 ng/uL

RT: 23.62 min Scan# 5508

Delta R.T. -0.00 min

Lab File: BN004105.D

Acq: 19 Dec 2018 10:15

Instrument :

BNA_N

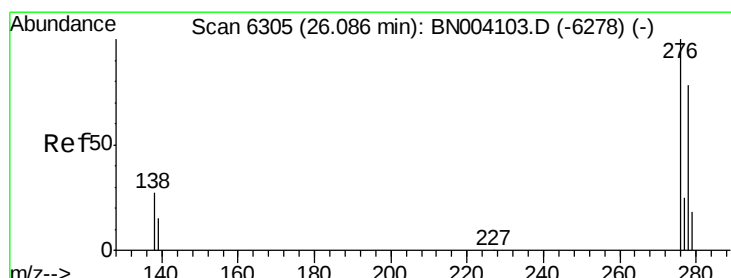
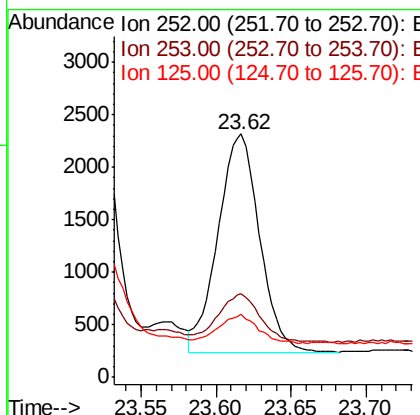
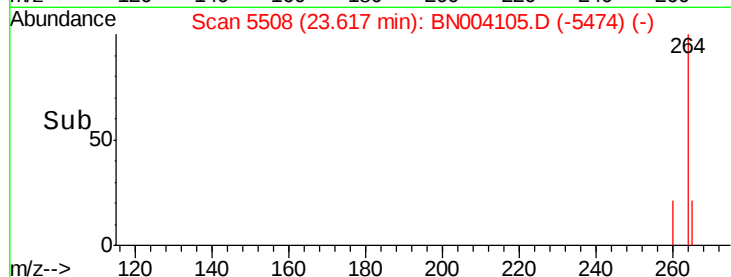
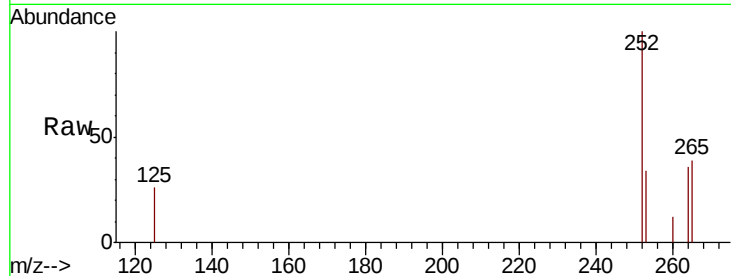
ClientSampleID :

F9F12DL

Tot Ion:	252	Resp:	3989
Ion Ratio	Lower	Upper	
252	100		
253	34.2	19.0	28.4#
125	25.7	10.2	15.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.042 ng/uL

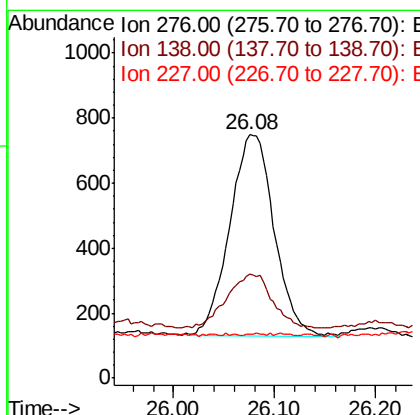
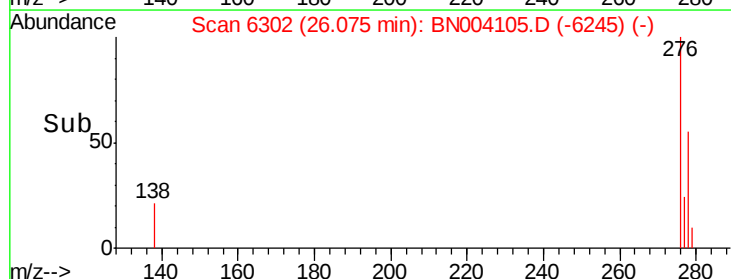
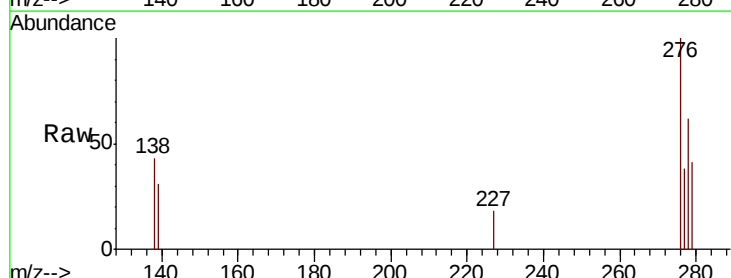
RT: 26.08 min Scan# 6302

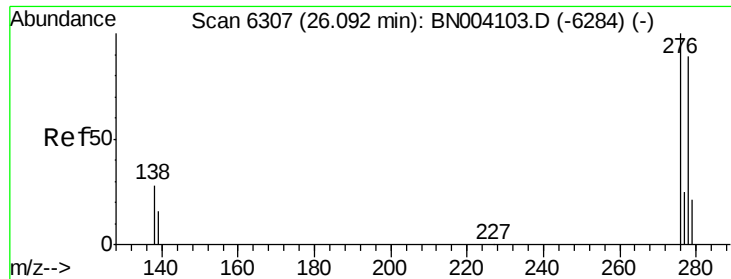
Delta R.T. -0.01 min

Lab File: BN004105.D

Acq: 19 Dec 2018 10:15

Tgt Ion:	276	Resp:	1894
Ion Ratio	Lower	Upper	
276	100		
138	28.0	20.3	30.5
227	0.2	0.2	0.2





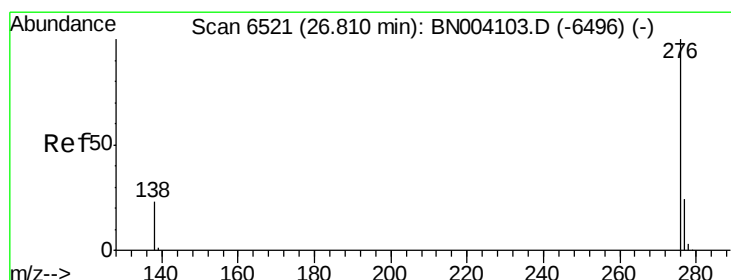
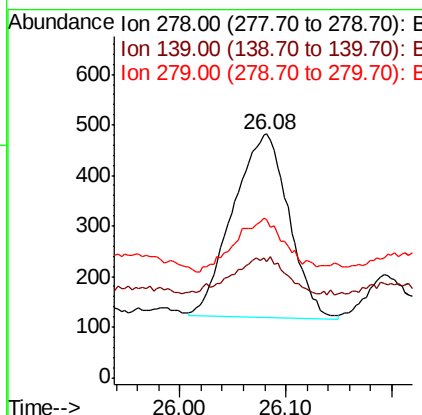
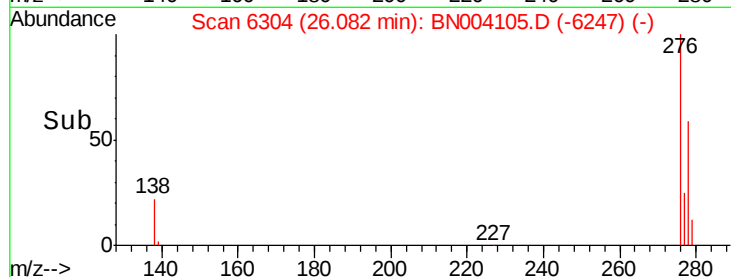
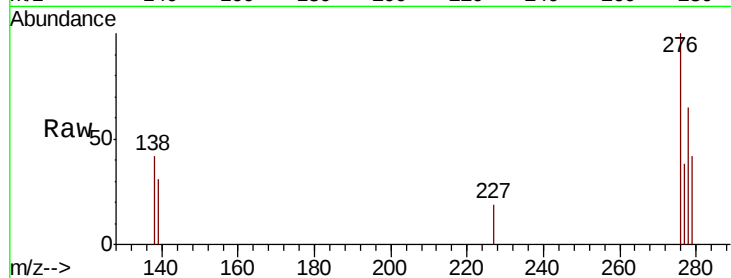
#25
Dibenzo(a,h)anthracene
Concen: 0.036 ng/u1
RT: 26.08 min Scan# 6304
Delta R.T. -0.01 min
Lab File: BN004105.D
Acq: 19 Dec 2018 10:15

Instrument :
BNA_N
ClientSampled :
F9F12DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	47.7	14.2	21.4#
279	65.1	19.8	29.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.110 ng/u1
RT: 26.81 min Scan# 6521
Delta R.T. -0.00 min
Lab File: BN004105.D
Acq: 19 Dec 2018 10:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	17.7	26.5#
277	30.2	19.3	28.9#

