

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
 Data File : BN004118.D
 Acq On : 19 Dec 2018 17:53
 Operator : JU/SJ
 Sample : J6297-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E36

Manual Integrations
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 12/20/2018 2:03:16 PM

Quant Time: Dec 20 06:08:16 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 05:49:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1281	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6703	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4238	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11207m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12201m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	10847m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2430	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8228m	0.25	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	585	0.044	ng/ul	98
7) Acenaphthylene	14.19	152	2263	0.119	ng/ul#	92
12) Phenanthrene	17.25	178	1980m	0.054	ng/ul	
13) Anthracene	17.35	178	2484m	0.082	ng/ul	
15) Fluoranthene	19.27	202	9919m	0.228	ng/ul	
17) Pyrene	19.64	202	11446m	0.262	ng/ul	
18) Benzo(a)anthracene	21.39	228	7447	0.193	ng/ul	95
19) Chrysene	21.44	228	9579	0.217	ng/ul	96
21) Benzo(b)fluoranthene	23.02	252	15839m	0.353	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	6135m	0.140	ng/ul	
23) Benzo(a)pyrene	23.62	252	6898	0.178	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.08	276	6768	0.152	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.08	278	1612m	0.045	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	5658	0.146	ng/ul#	88

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

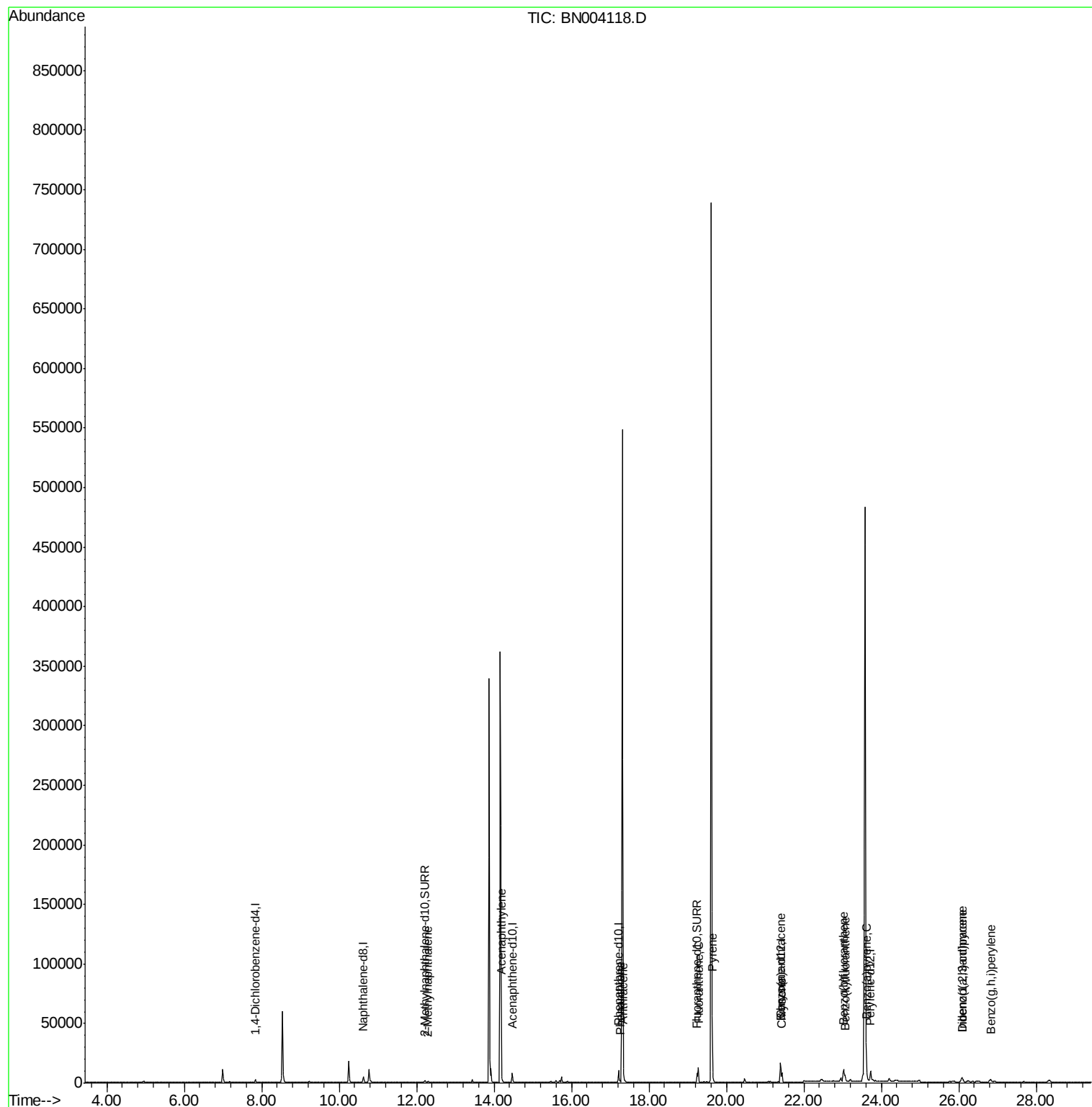
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
Data File : BN004118.D
Acq On : 19 Dec 2018 17:53
Operator : JU/SJ
Sample : J6297-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

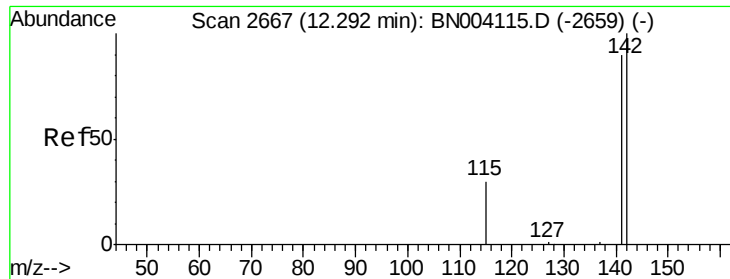
Instrument :
BNA_N
ClientSampleId :
F9E36

Quant Time: Dec 20 06:08:16 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 05:49:27 2018
Response via : Initial Calibration

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#5

2-Methylnaphthalene

Concen: 0.044 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

Instrument :

BNA_N

ClientSampleId :

F9E36

Tot Ion:142 Resp: 585

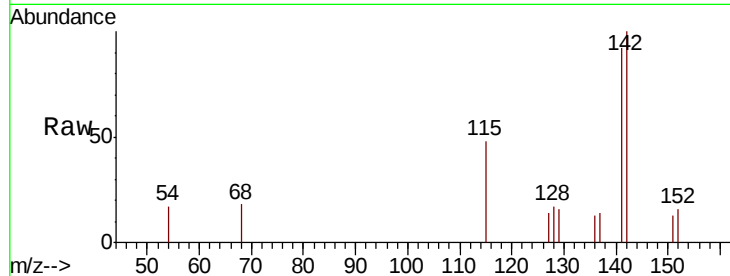
Ion Ratio Lower Upper

142 100

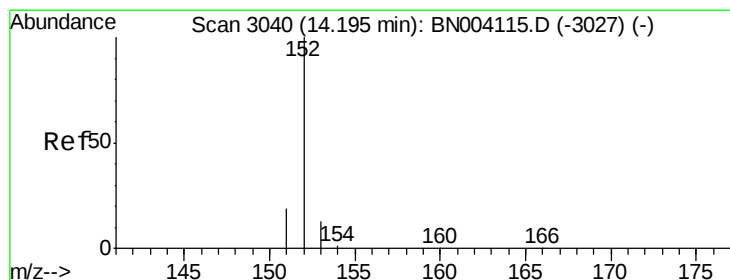
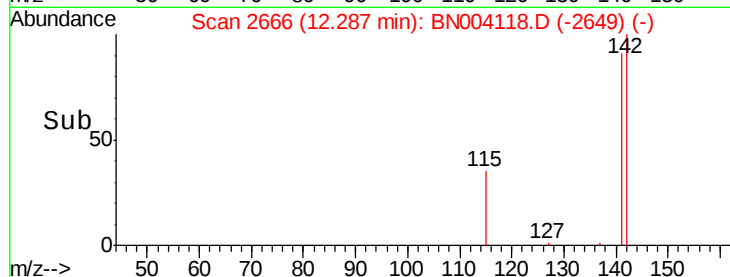
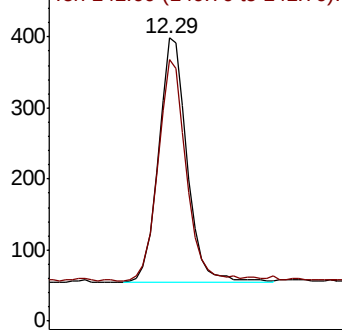
141 91.1 71.5 107.3

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Abundance Ion 142.00 (141.70 to 142.70): E



#7

Acenaphthylene

Concen: 0.119 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

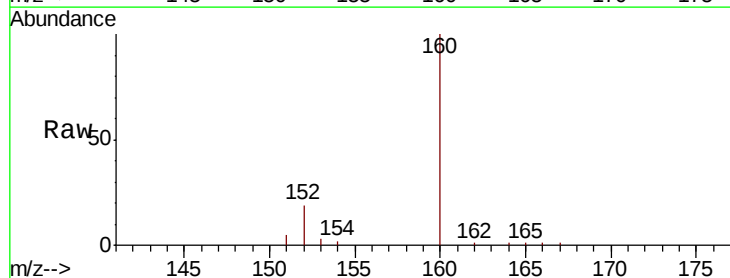
Tgt Ion:152 Resp: 2263

Ion Ratio Lower Upper

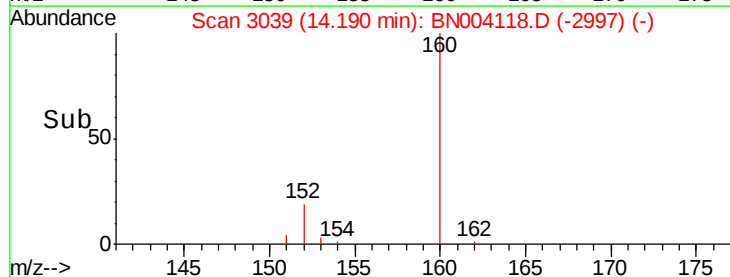
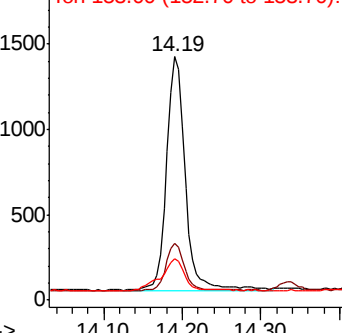
152 100

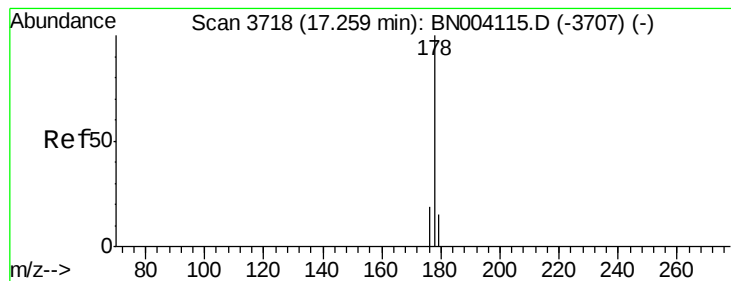
151 23.4 15.9 23.9

153 17.2 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E





#12

Phenanthrene

Concen: 0.054 ng/ul m

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

Instrument :

BNA_N

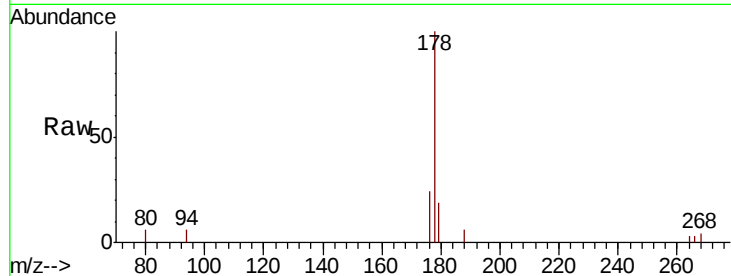
ClientSampleId :

F9E36

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.5	12.5	18.7#
176	24.3	15.0	22.4#

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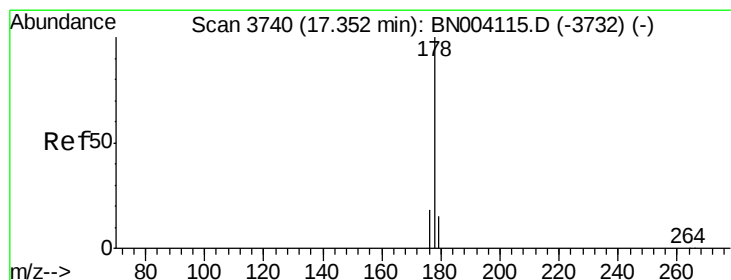
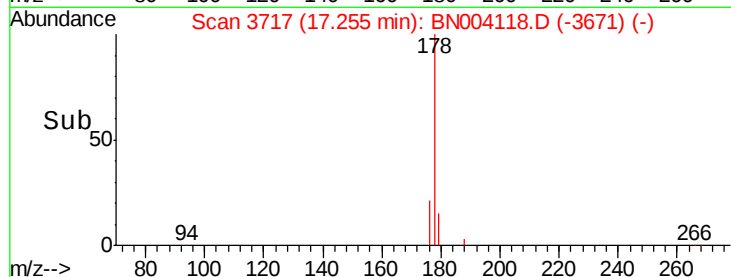
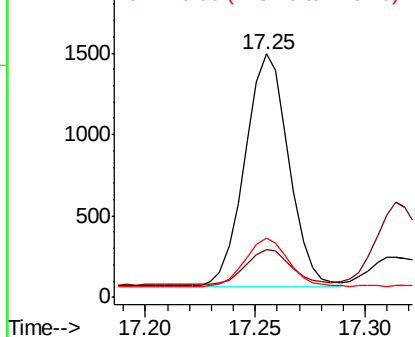


Abundance

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: 0.082 ng/ul m

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

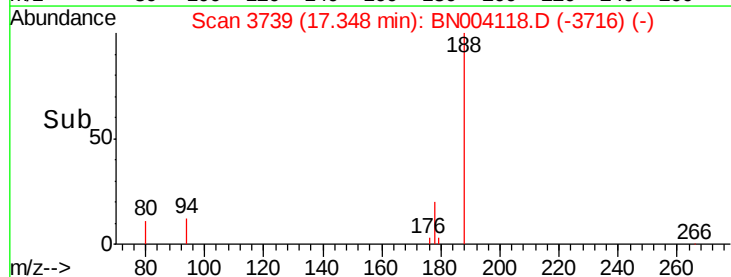
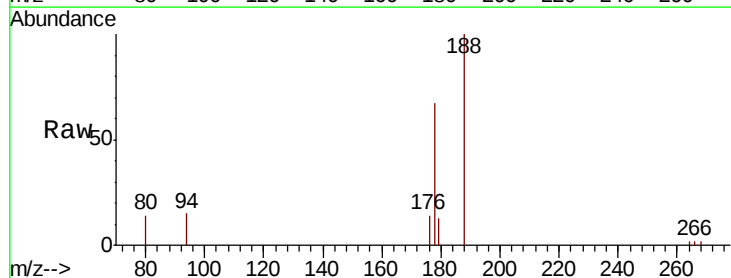
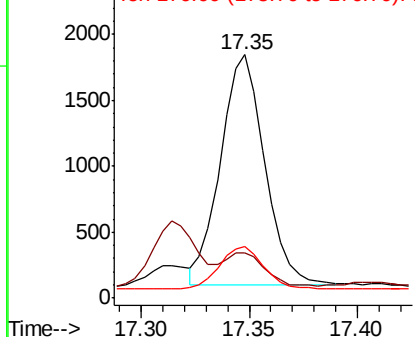
Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.3	18.5#
176	21.3	14.8	22.2

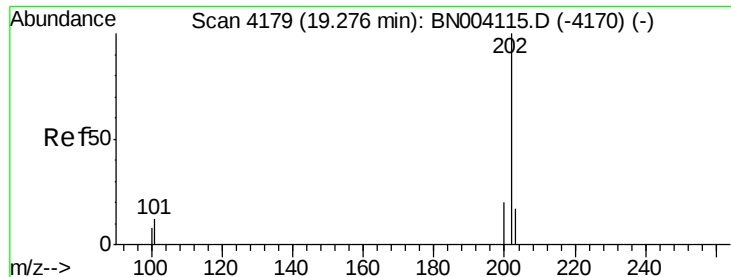
Abundance

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





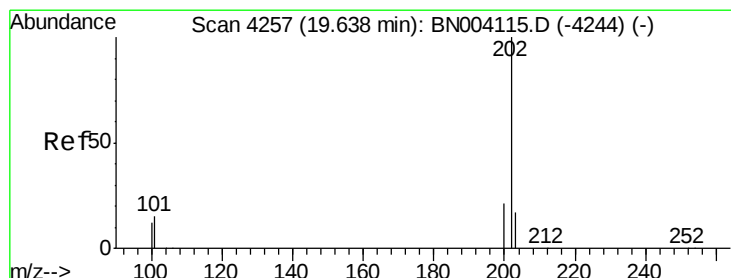
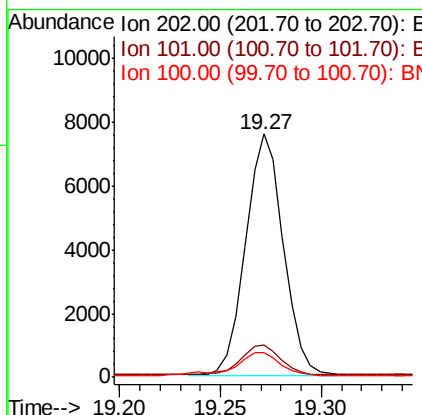
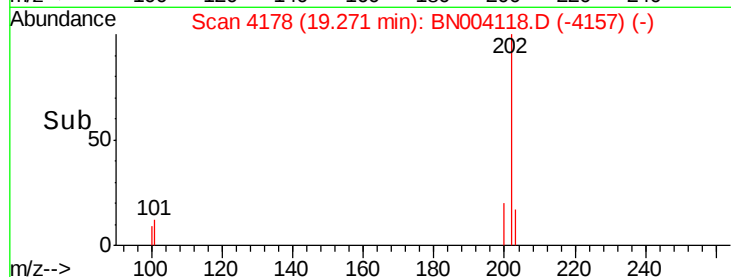
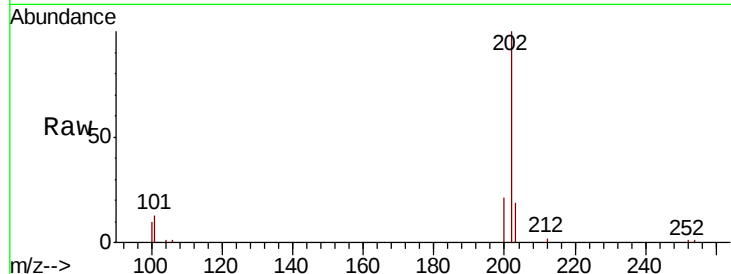
#15
Fluoranthene
Concen: 0.228 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004118.D
Acq: 19 Dec 2018 17:53

Instrument :
BNA_N
ClientSampleId :
F9E36

Tot Ion	Ratio	Resp	Lower	Upper
202	100	9919		
101	13.5		0.0	30.7
100	10.0		0.0	28.1

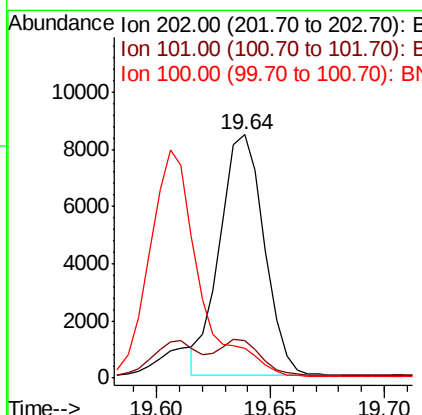
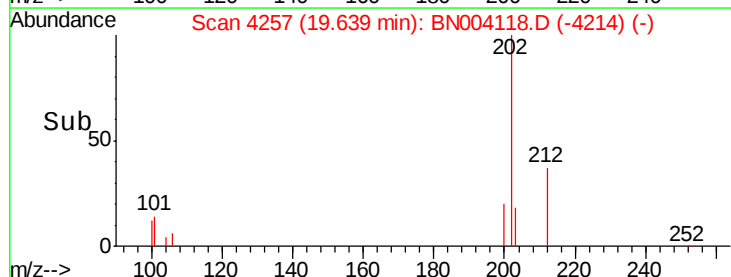
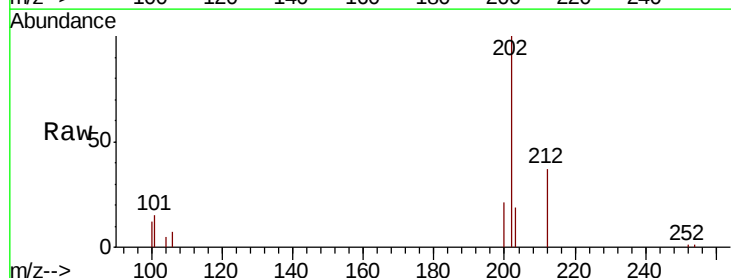
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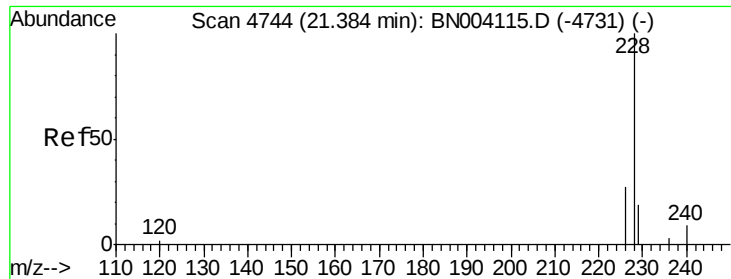
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#17
Pyrene
Concen: 0.262 ng/ul m
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN004118.D
Acq: 19 Dec 2018 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	11446		
101	15.2		10.3	15.5
100	12.4		8.5	12.7





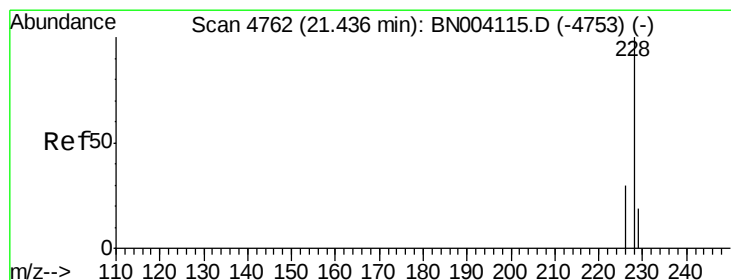
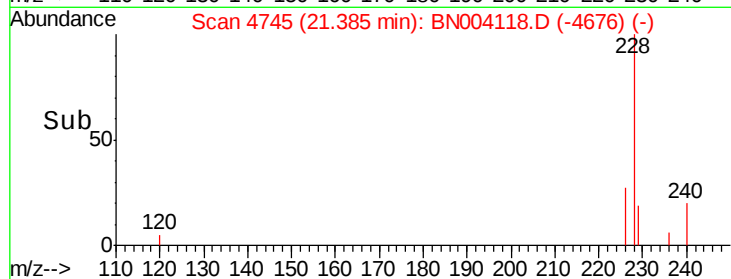
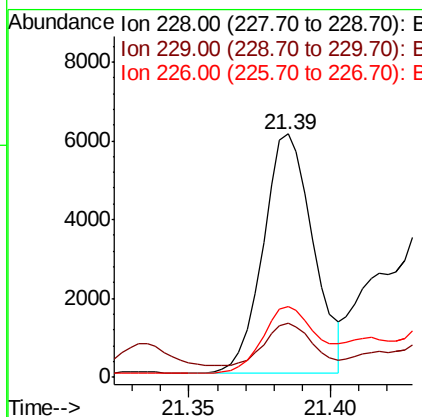
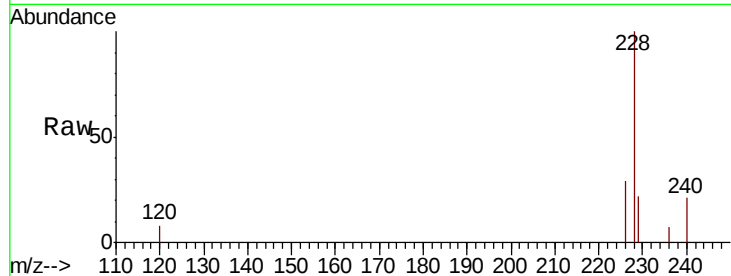
#18
Benzo(a)anthracene
Concen: 0.193 ng/ul
RT: 21.39 min Scan# 4745
Delta R.T. 0.00 min
Lab File: BN004118.D
Acq: 19 Dec 2018 17:53

Instrument :
BNA_N
ClientSampled :
F9E36

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.6	23.4
226	28.9	21.1	31.7

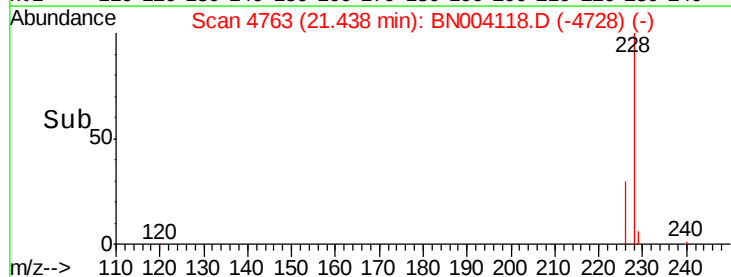
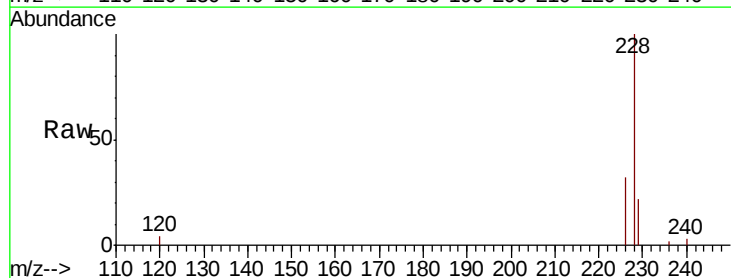
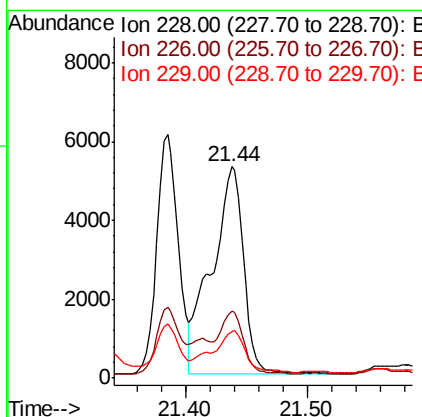
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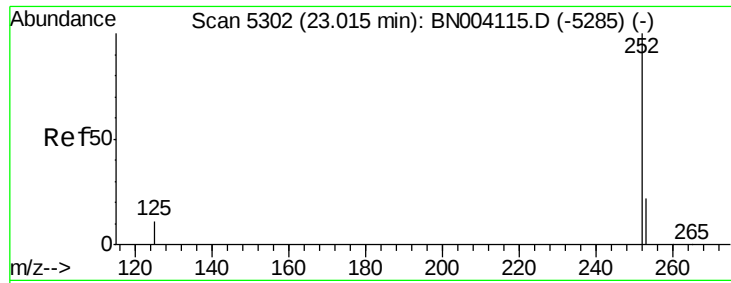
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#19
Chrysene
Concen: 0.217 ng/ul
RT: 21.44 min Scan# 4763
Delta R.T. 0.00 min
Lab File: BN004118.D
Acq: 19 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.0	36.0
229	22.3	15.7	23.5





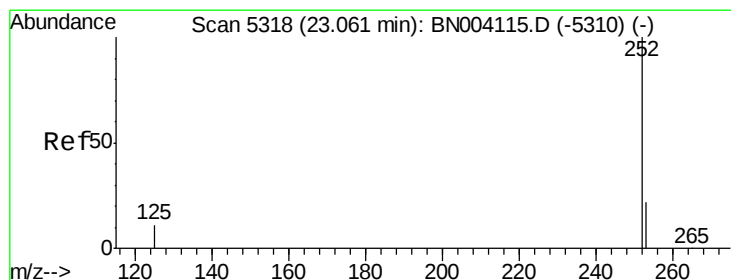
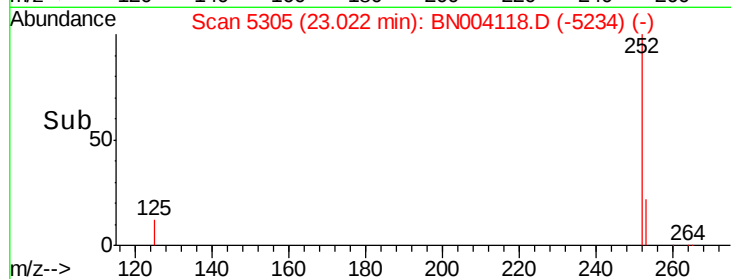
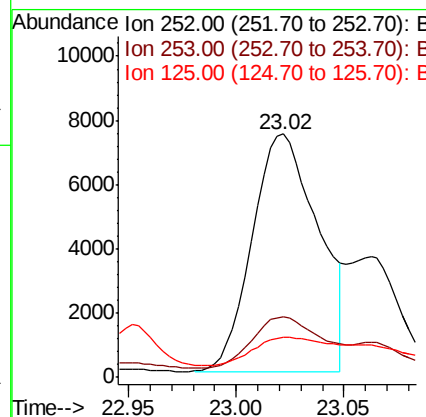
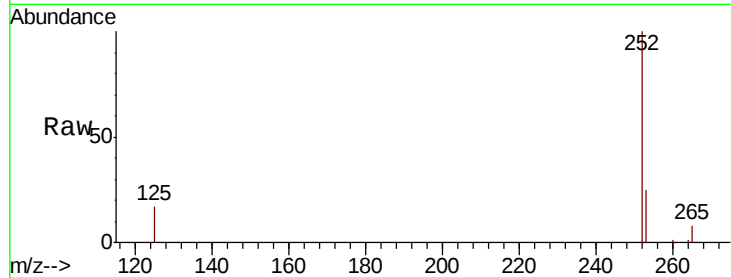
#21
Benzo(b)fluoranthene
Concen: 0.353 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. 0.01 min
Lab File: BN004118.D
Acq: 19 Dec 2018 17:53

Instrument :
BNA_N
ClientSampleId :
F9E36

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	46.0
125	16.5	0.0	22.4

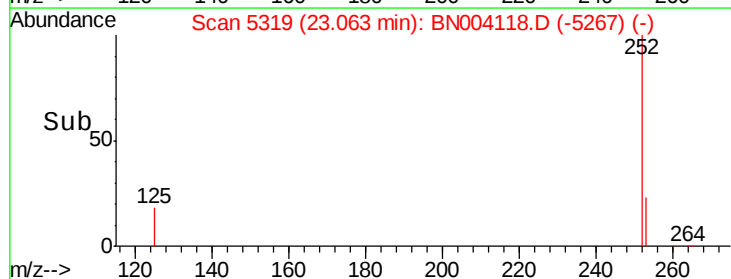
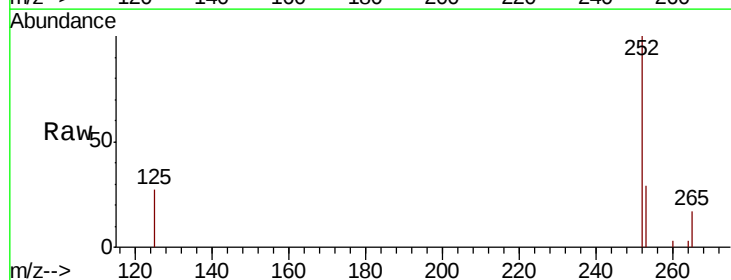
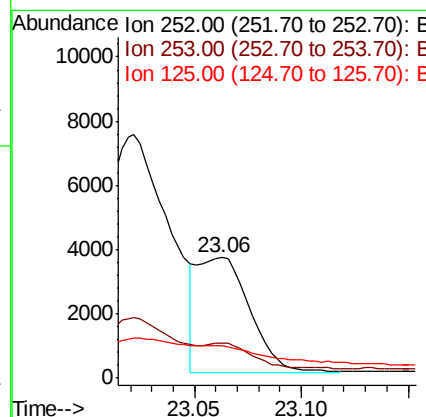
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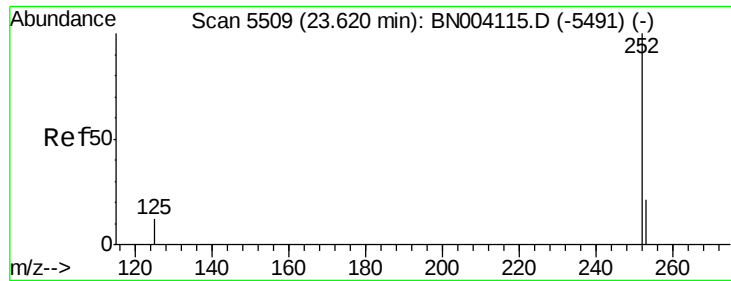
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#22
Benzo(k)fluoranthene
Concen: 0.140 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. 0.00 min
Lab File: BN004118.D
Acq: 19 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.5	27.7#
125	27.0	9.0	13.6#





#23

Benzo(a)pyrene

Concen: 0.178 ng/ul

RT: 23.62 min Scan# 5510

Delta R.T. 0.00 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

Instrument :

BNA_N

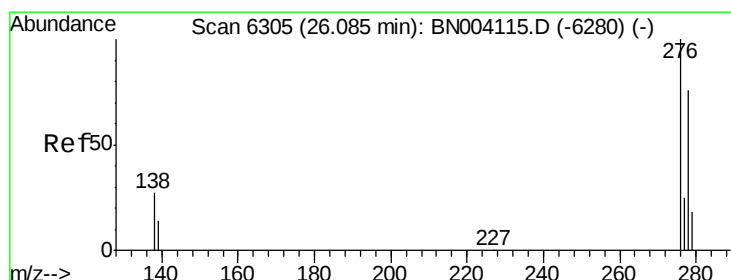
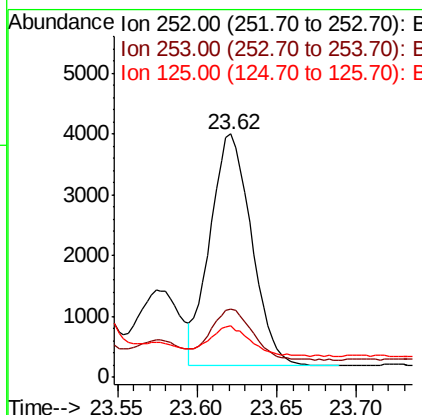
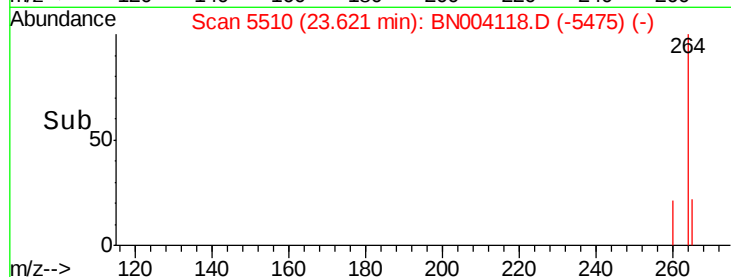
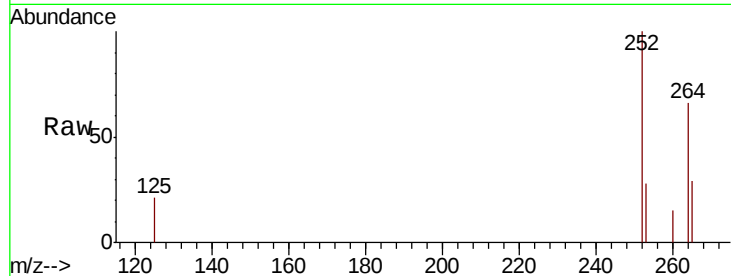
ClientSampled :

F9E36

Tot Ion:	252	Resp:	6898
Ion Ratio	Lower	Upper	
252	100		
253	28.2	19.0	28.4
125	21.0	10.2	15.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.152 ng/ul

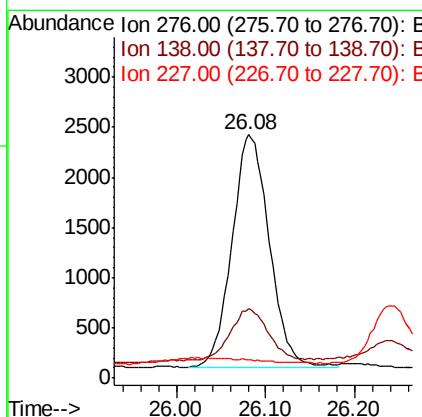
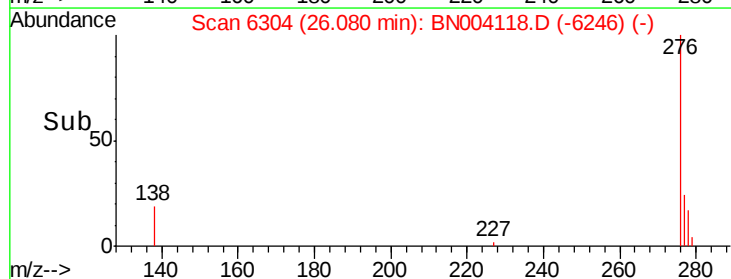
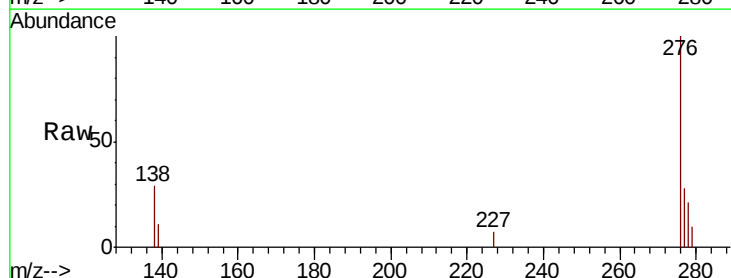
RT: 26.08 min Scan# 6304

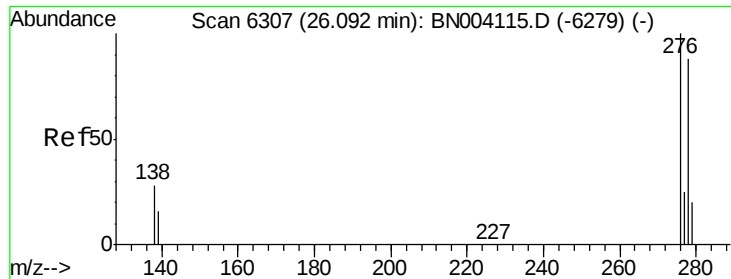
Delta R.T. -0.00 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

Tgt Ion:	276	Resp:	6768
Ion Ratio	Lower	Upper	
276	100		
138	23.0	20.3	30.5
227	0.0	0.2	0.2#





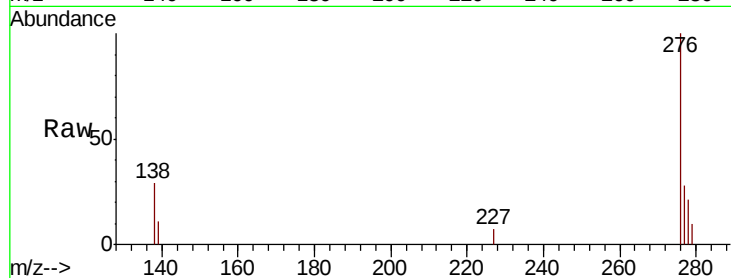
#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul m
RT: 26.08 min Scan# 6304
Delta R.T. -0.01 min
Lab File: BN004118.D
Acq: 19 Dec 2018 17:53

Instrument :
BNA_N
ClientSampleId :
F9E36

Tot Ion	Ratio	Lower	Upper
278	100		
139	51.7	14.2	21.4#
279	46.7	19.8	29.6#

Manual Integrations
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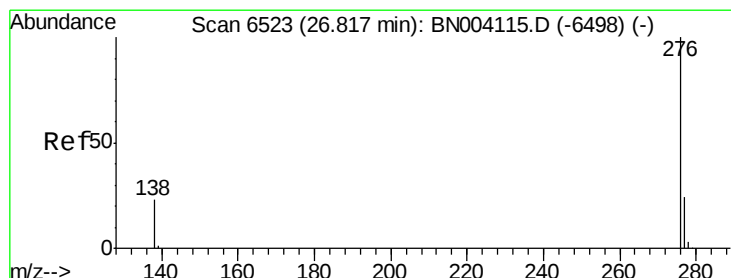
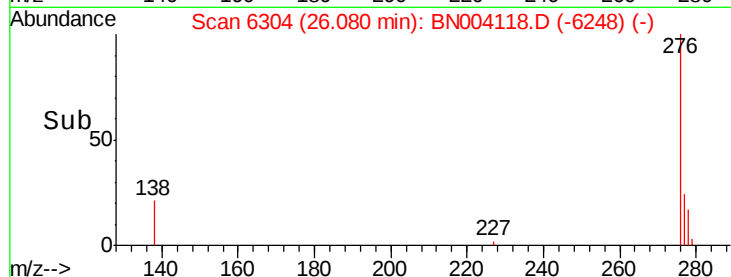
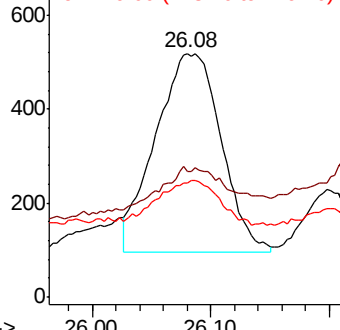


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.146 ng/ul
RT: 26.82 min Scan# 6524
Delta R.T. 0.00 min
Lab File: BN004118.D
Acq: 19 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	17.7	26.5#
277	27.8	19.3	28.9

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

