

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003126.D
 Acq On : 12 Oct 2018 04:49
 Operator : MJ/SJ
 Sample : J5230-06DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04DL

Manual Integrations
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Quant Time: Oct 12 07:42:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 07:27:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1741	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	6999	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3578	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	6545	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	4988	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5782	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	640	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	1020	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	3170	0.177	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	2589	0.209	ng/ul	96
7) Acenaphthylene	13.98	152	7243	0.442	ng/ul	98
9) Fluorene	15.32	166	427	0.030	ng/ul#	76
12) Phenanthrene	17.06	178	11607	0.636	ng/ul	100
13) Anthracene	17.15	178	6258	0.363	ng/ul	98
15) Fluoranthene	19.09	202	38537	1.800	ng/ul	100
17) Pyrene	19.45	202	34403	1.776	ng/ul	98
18) Benzo(a)anthracene	21.21	228	19346	1.205	ng/ul	98
19) Chrysene	21.26	228	24687	1.515	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	38501m	1.849	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	12187m	0.565	ng/ul	
23) Benzo(a)pyrene	23.34	252	17598	0.943	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.65	276	16245	0.758	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	4615	0.269	ng/ul#	89
26) Benzo(a,h,i)perylene	26.32	276	13529	0.748	ng/ul	96

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

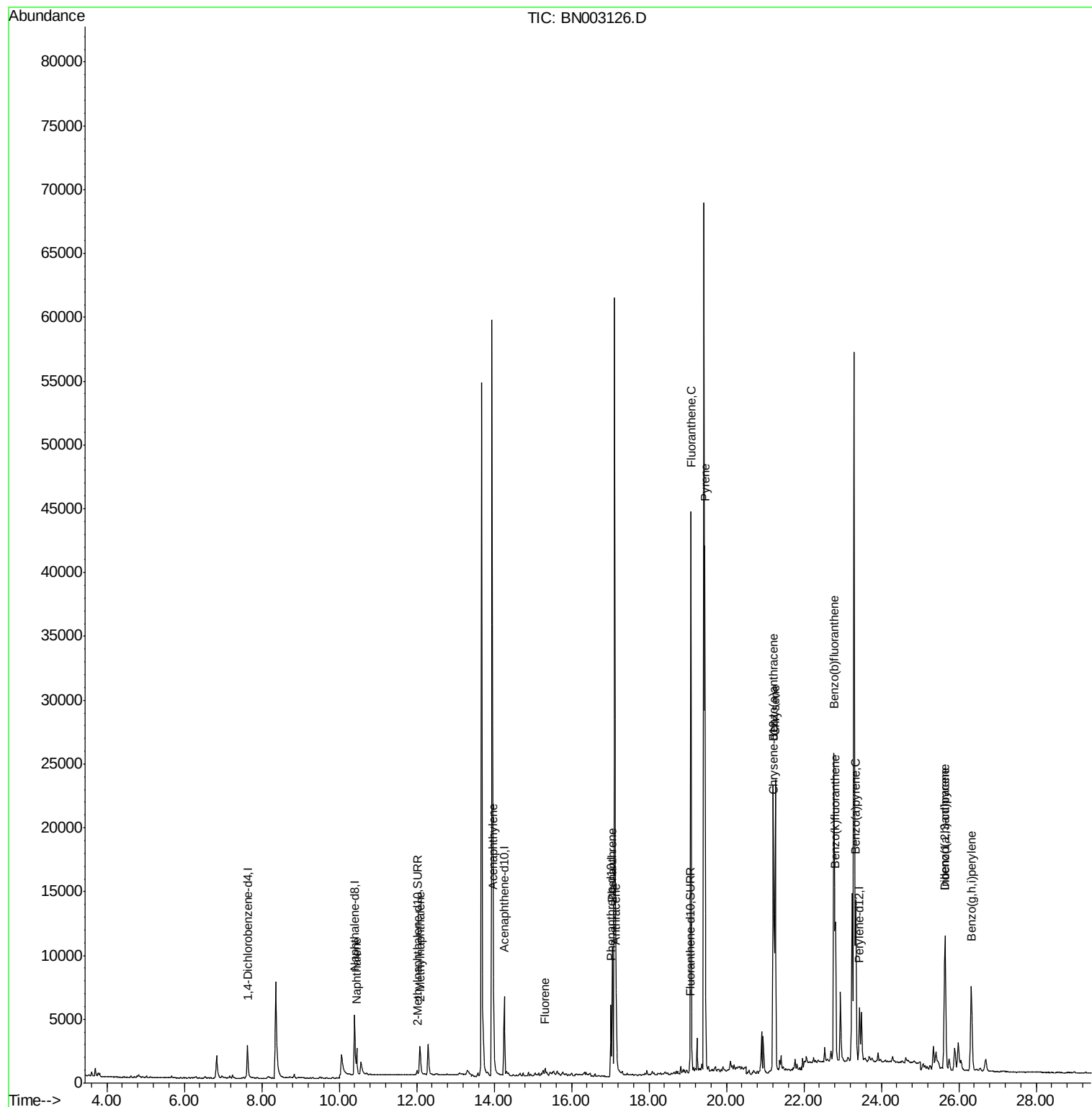
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003126.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

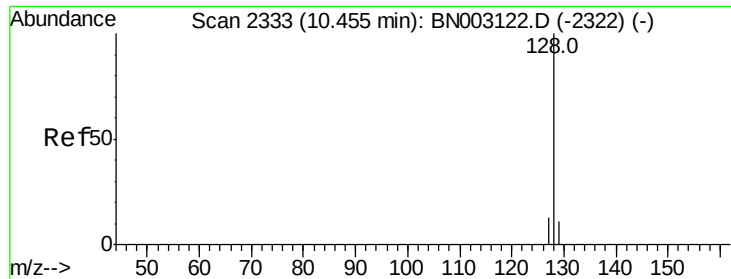
Instrument :
BNA_N
ClientSampleId :
A3Z04DL

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Quant Time: Oct 12 07:42:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.177 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Instrument :

BNA_N

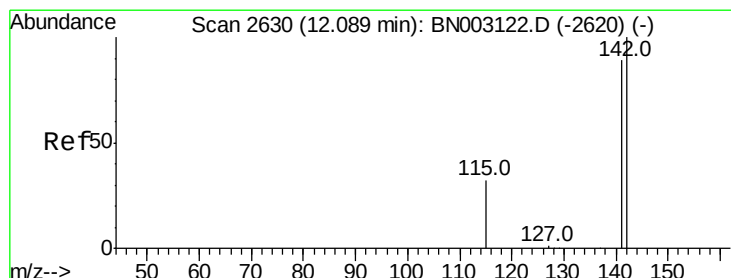
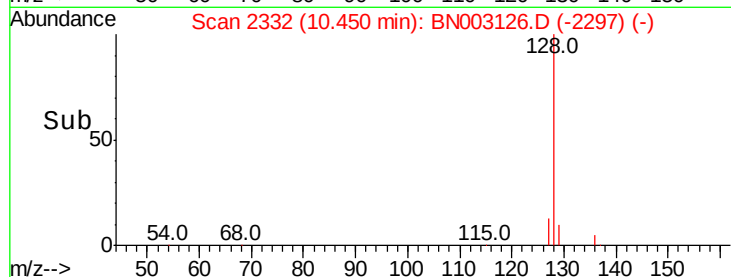
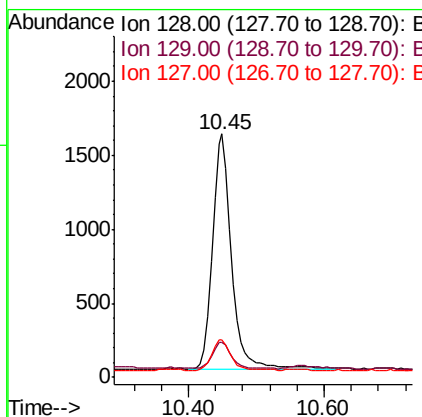
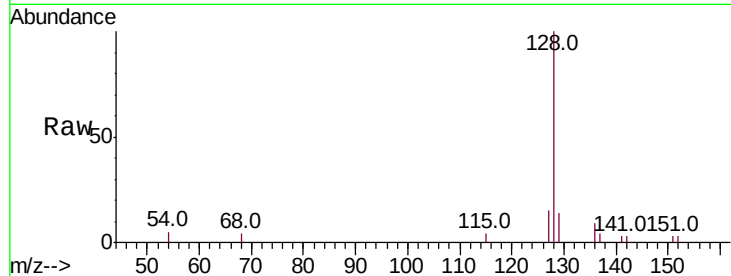
ClientSampleId :

A3Z04DL

Tot Ion:	128	Resp:	3170
Ion	Ratio	Lower	Upper
128	100		
129	14.5	10.4	15.6
127	15.4	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.209 ng/ul

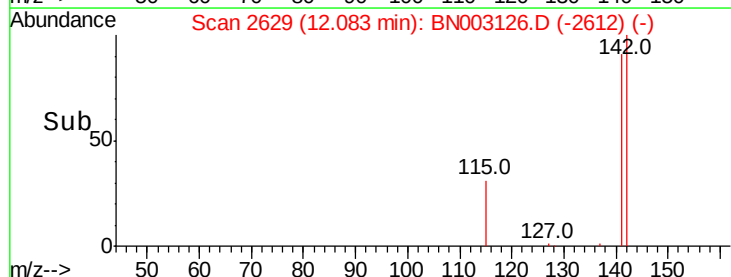
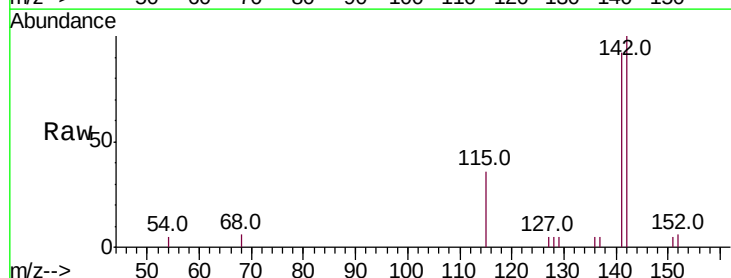
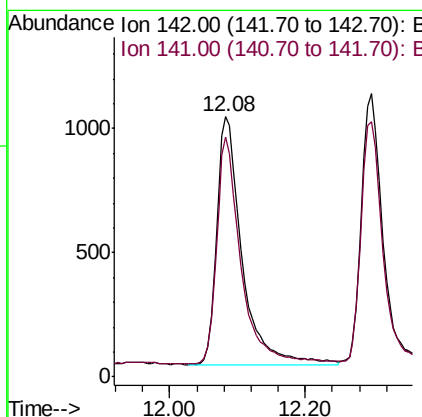
RT: 12.08 min Scan# 2629

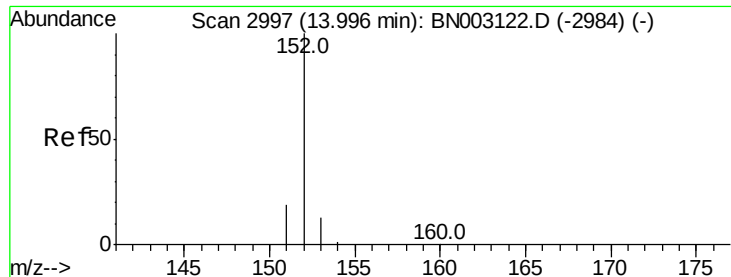
Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Tgt Ion:	142	Resp:	2589
Ion	Ratio	Lower	Upper
142	100		
141	88.2	73.4	110.0





#7

Acenaphthylene

Concen: 0.442 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Instrument :

BNA_N

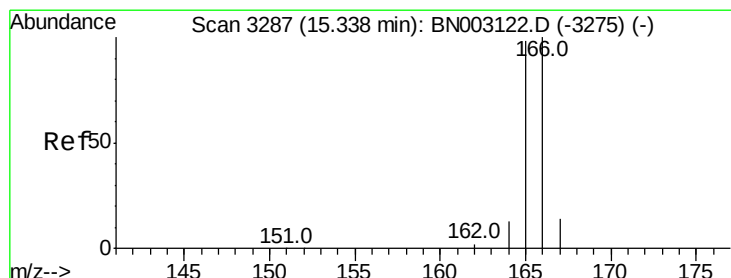
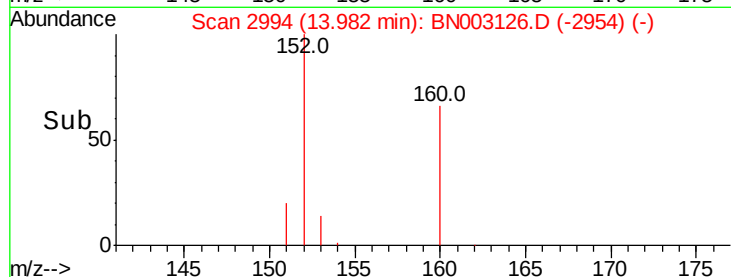
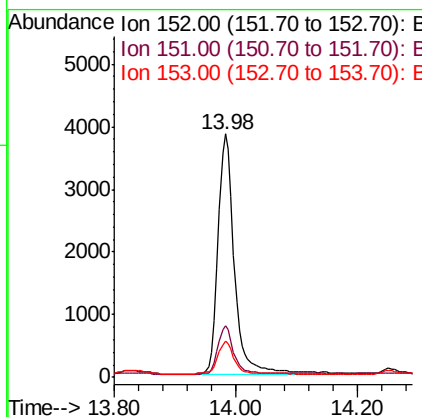
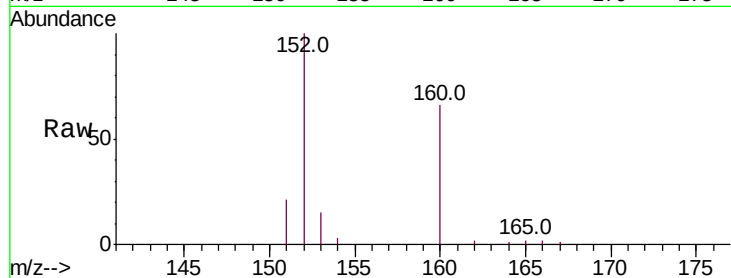
ClientSampled :

A3Z04DL

Tot Ion:	152	Resp:	7243
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.5	24.7
153	15.0	11.4	17.2

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#9

Fluorene

Concen: 0.030 ng/ul

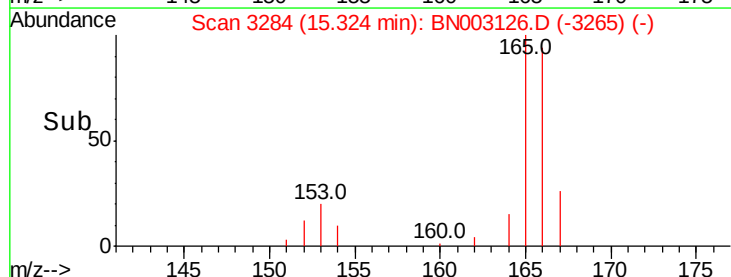
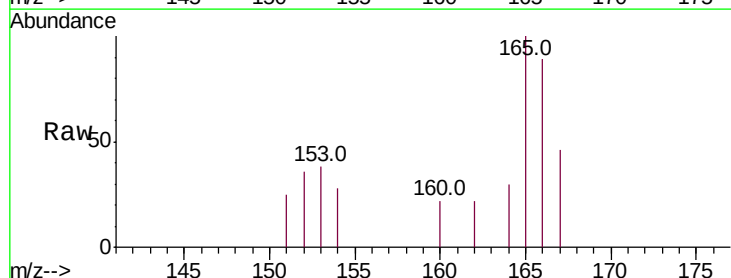
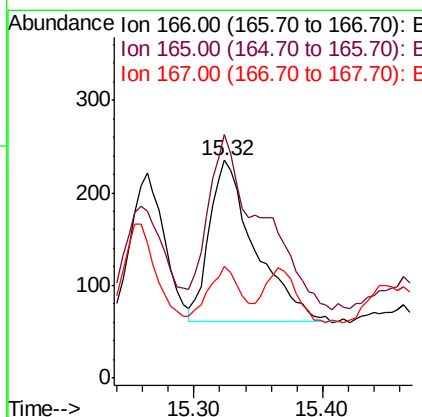
RT: 15.32 min Scan# 3284

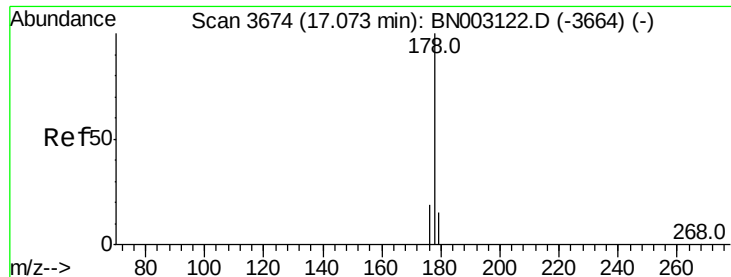
Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Tgt Ion:	166	Resp:	427
Ion Ratio	Lower	Upper	
166	100		
165	111.9	78.5	117.7
167	51.1	11.6	17.4





#12

Phenanthrene

Concen: 0.636 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Instrument :

BNA_N

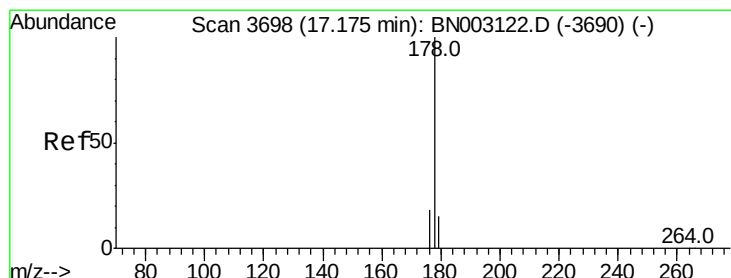
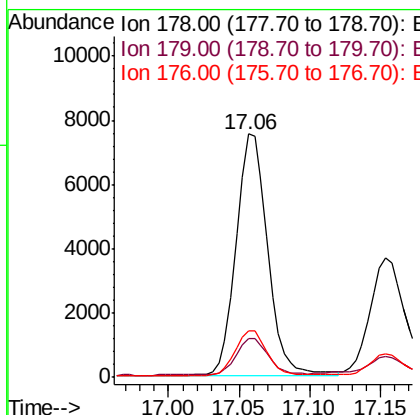
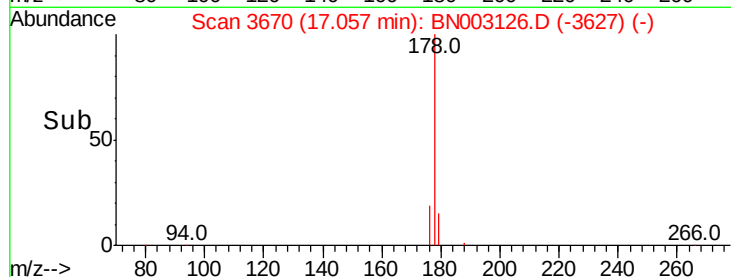
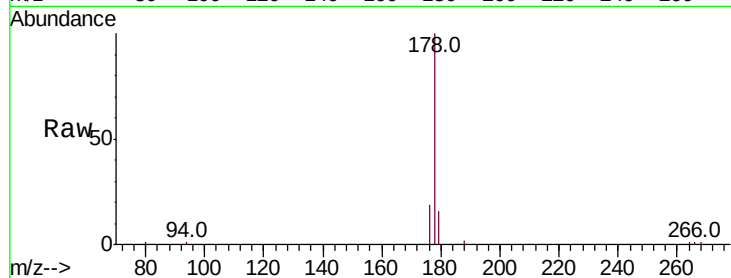
ClientSampled :

A3Z04DL

Tot Ion:178	Resp:	11607
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.9 19.3
176	19.2	15.4 23.2

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#13

Anthracene

Concen: 0.363 ng/ul

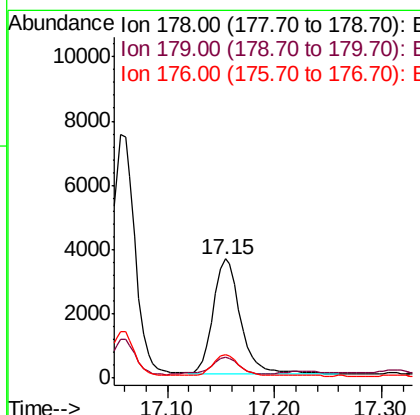
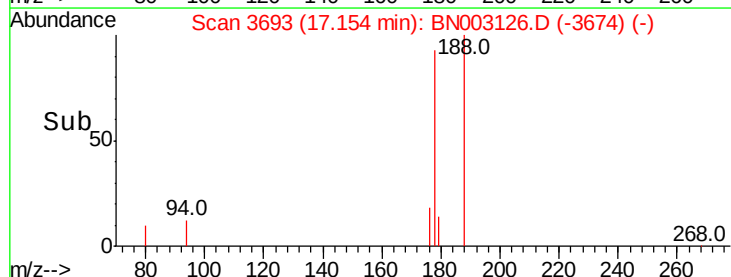
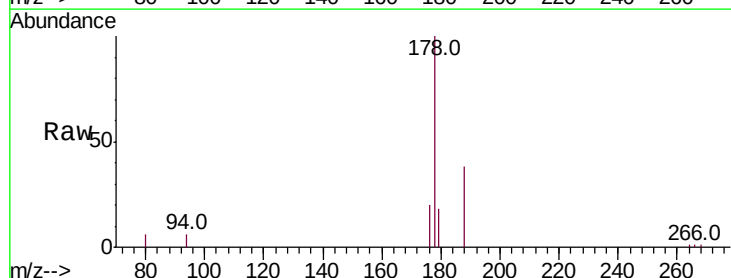
RT: 17.15 min Scan# 3693

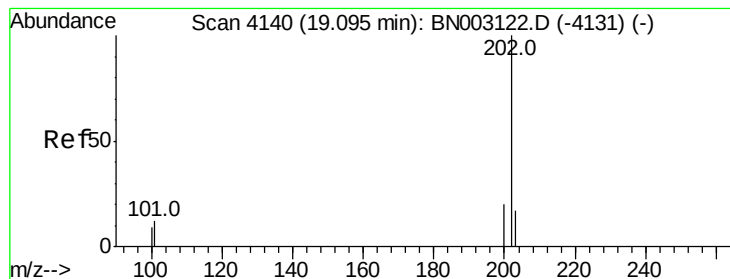
Delta R.T. -0.02 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Tgt Ion:178	Resp:	6258
Ion Ratio	Lower	Upper
178	100	
179	17.8	13.0 19.6
176	19.6	15.3 22.9





#15

Fluoranthene

Concen: 1.800 ng/ul

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Instrument :

BNA_N

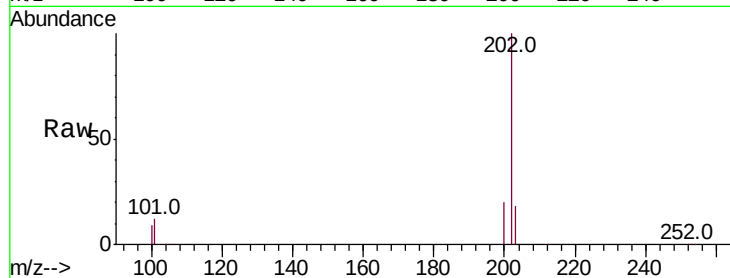
ClientSampled :

A3Z04DL

Tot Ion:	202	Resp:	38537
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	32.3
100	9.1	0.0	29.1

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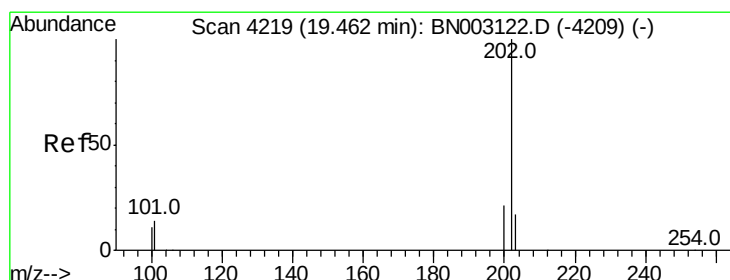
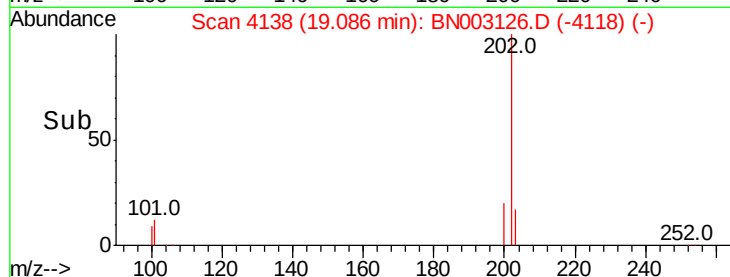
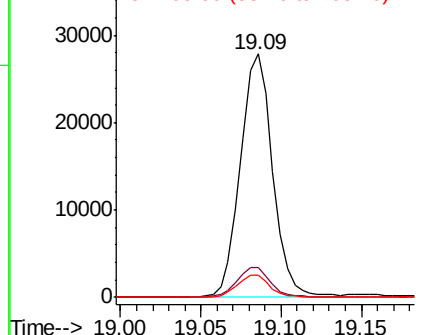
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 1.776 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003126.D

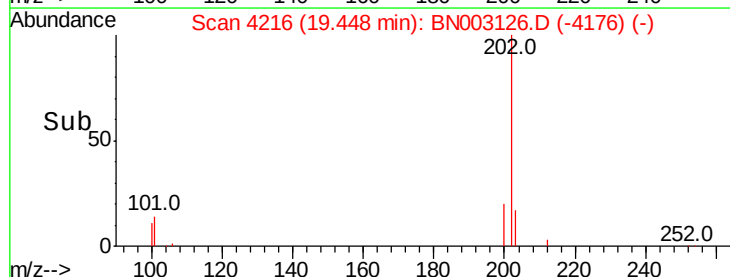
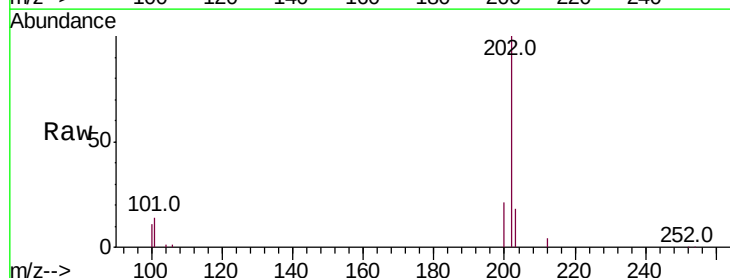
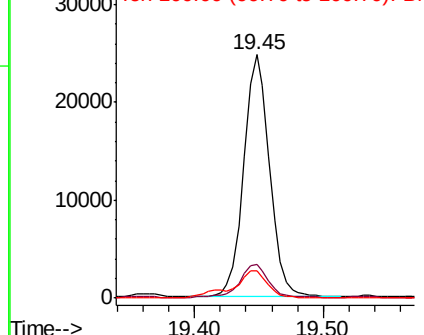
Acq: 12 Oct 2018 04:49

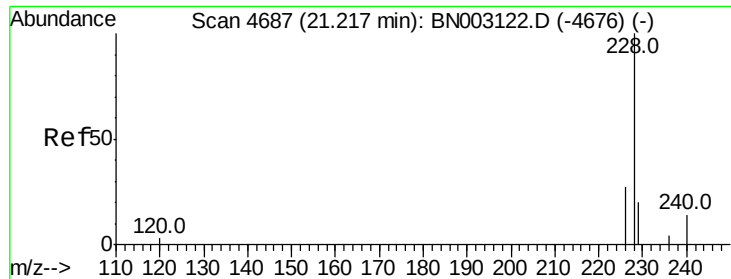
Tgt Ion:	202	Resp:	34403
Ion Ratio	Lower	Upper	
202	100		
101	14.0	11.9	17.9
100	11.3	9.9	14.9

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





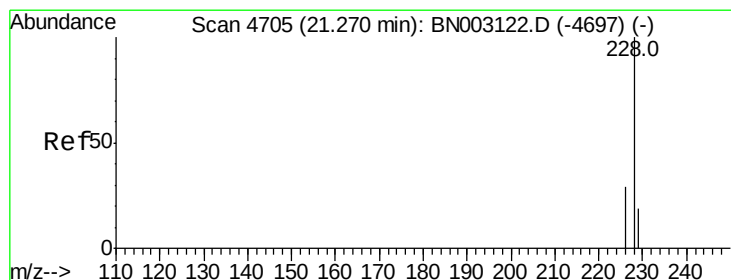
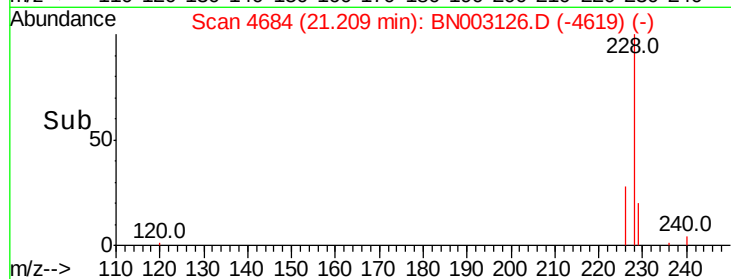
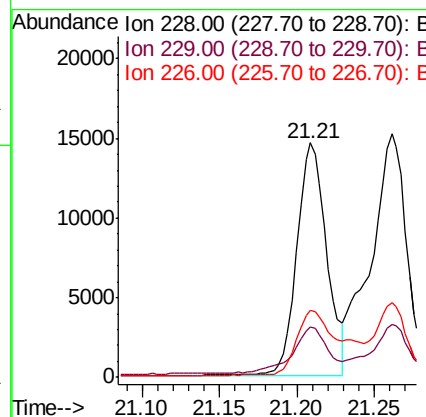
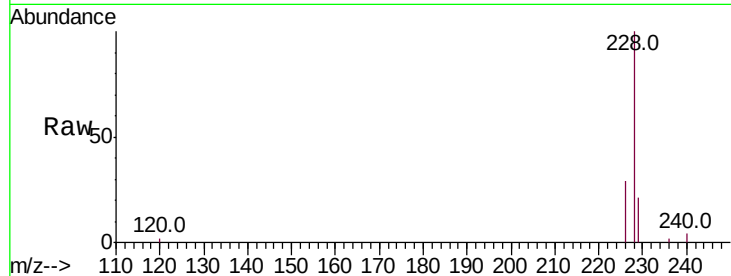
#18
Benzo(a)anthracene
Concen: 1.205 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003126.D
Acq: 12 Oct 2018 04:49

Instrument :
BNA_N
ClientSampleId :
A3Z04DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	28.8	22.3	33.5

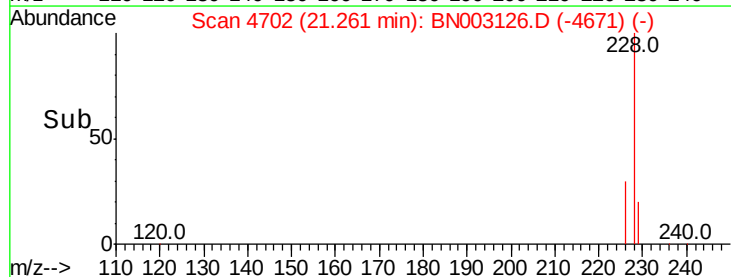
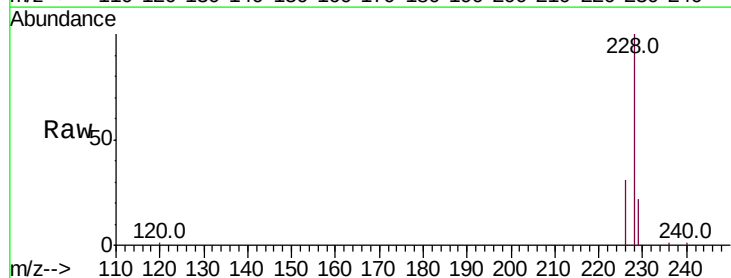
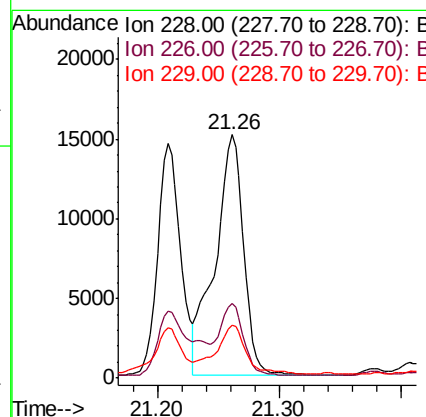
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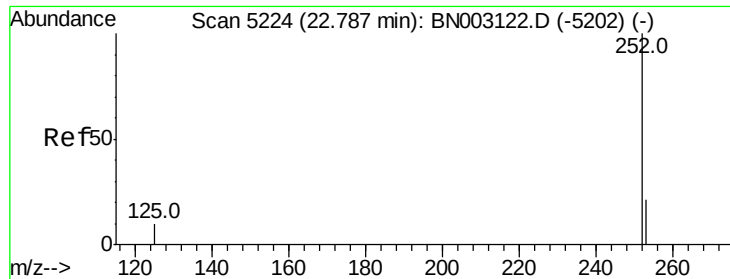
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#19
Chrysene
Concen: 1.515 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003126.D
Acq: 12 Oct 2018 04:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	21.7	16.7	25.1





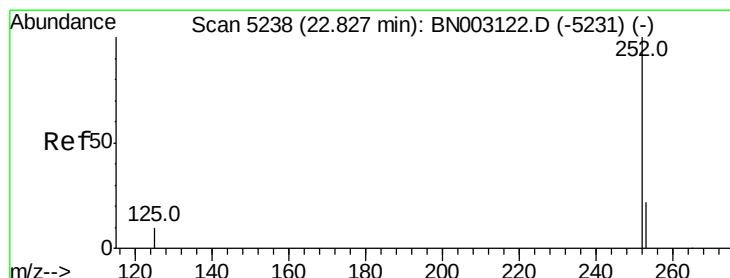
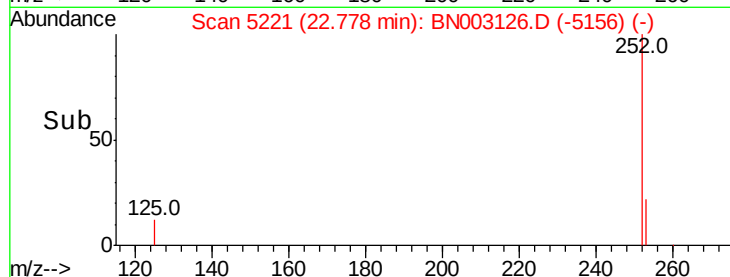
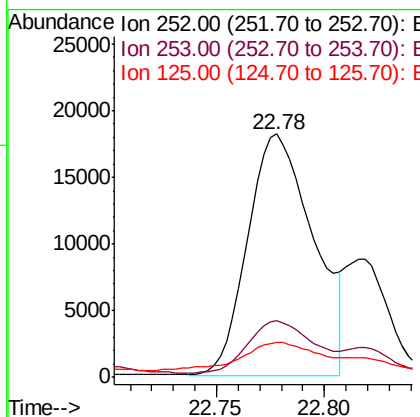
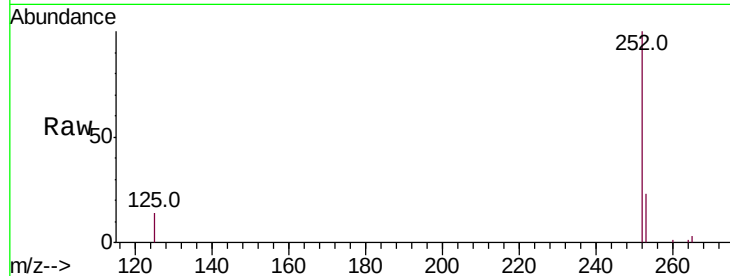
#21
Benzo(b)fluoranthene
Concen: 1.849 ng/ul m
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003126.D
Acq: 12 Oct 2018 04:49

Instrument :
BNA_N
ClientSampled :
A3Z04DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	53.2
125	14.3	0.0	34.2

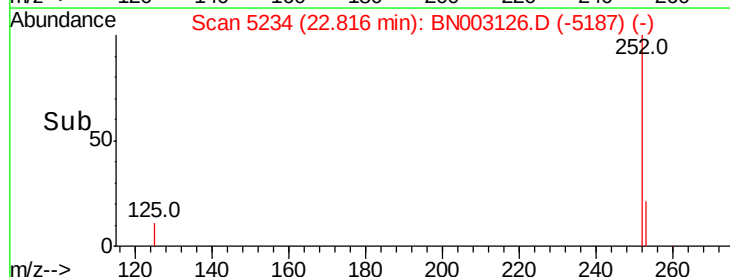
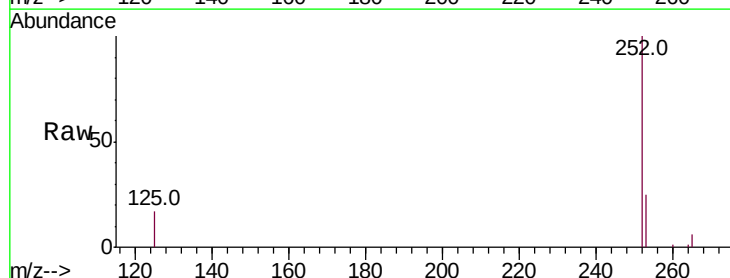
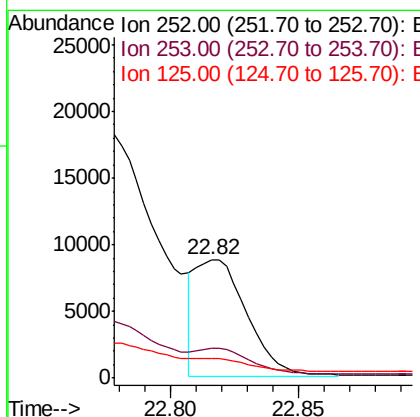
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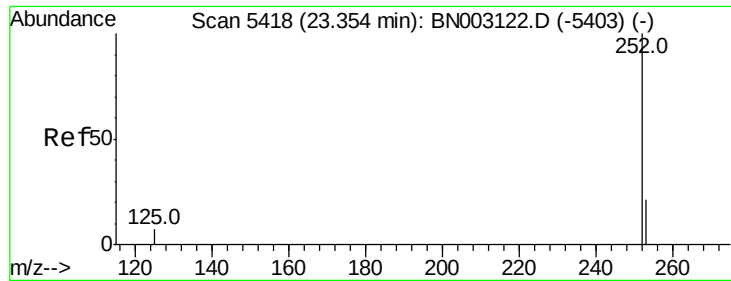
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#22
Benzo(k)fluoranthene
Concen: 0.565 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN003126.D
Acq: 12 Oct 2018 04:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.3	31.9
125	17.0	14.1	21.1





#23

Benzo(a)pyrene

Concen: 0.943 ng/ul

RT: 23.34 min Scan# 5413

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Instrument :

BNA_N

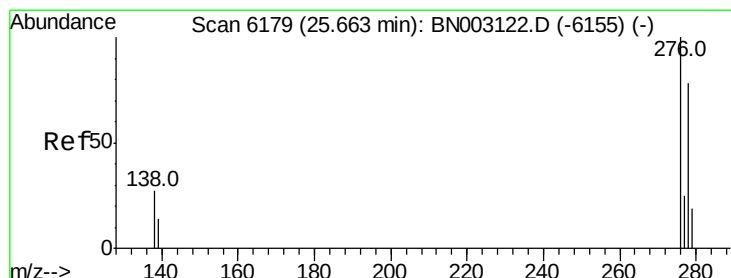
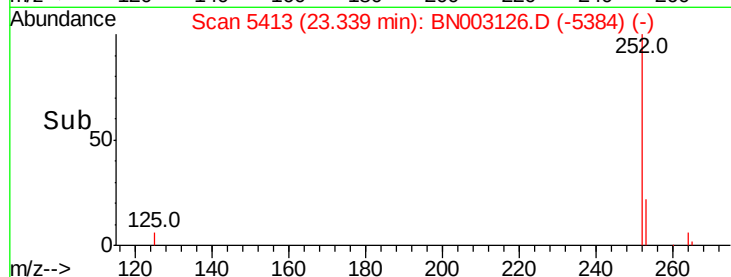
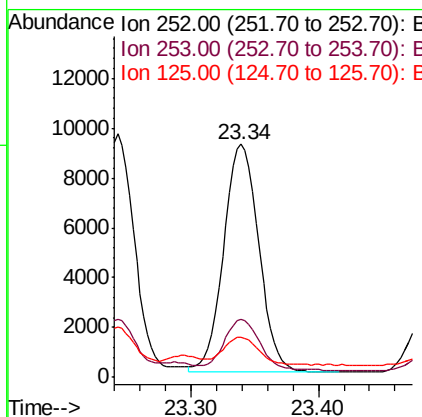
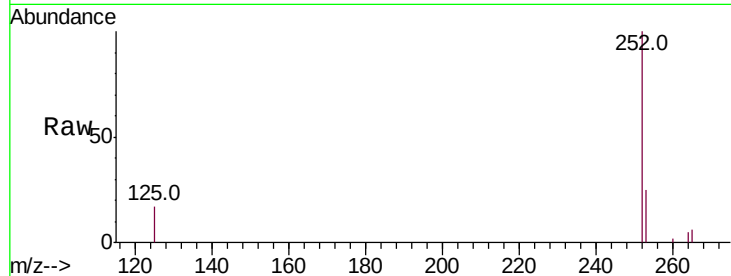
ClientSampleId :

A3Z04DL

Tot Ion:	252	Resp:	17598
Ion Ratio	Lower	Upper	
252	100		
253	24.6	23.1	34.7
125	17.0	16.9	25.3

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.758 ng/ul

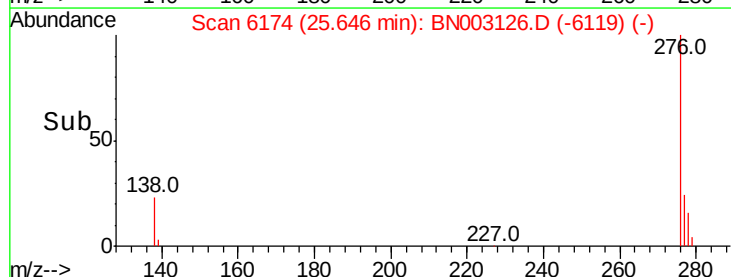
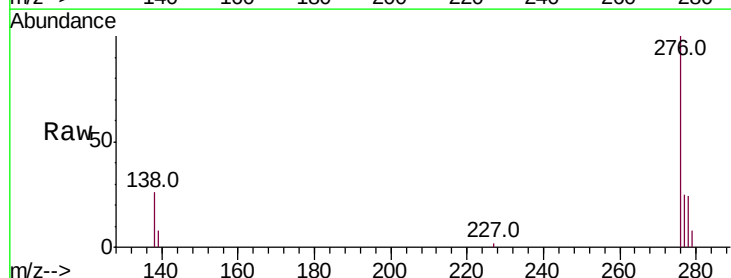
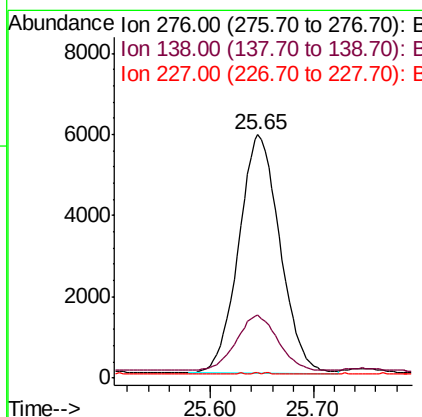
RT: 25.65 min Scan# 6174

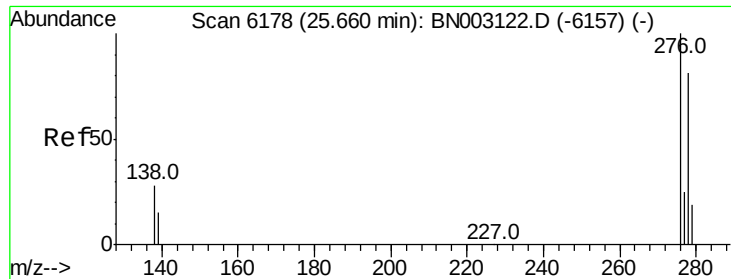
Delta R.T. -0.02 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Tgt Ion:	276	Resp:	16245
Ion Ratio	Lower	Upper	
276	100		
138	23.5	21.5	32.3
227	0.0	0.3	0.5#





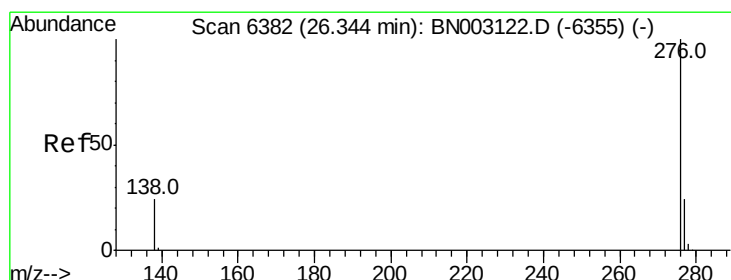
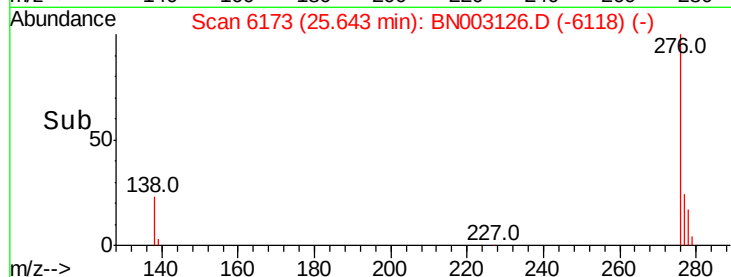
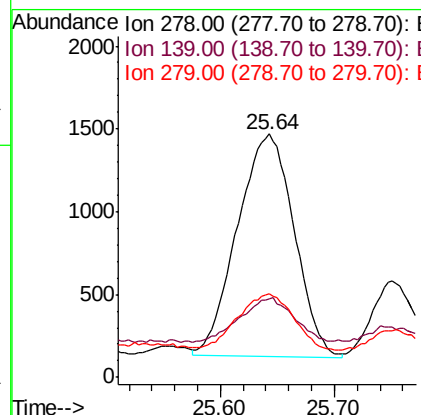
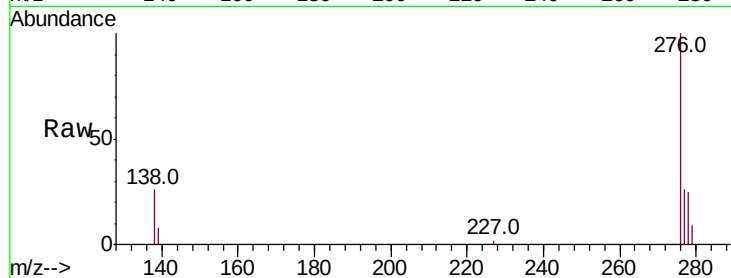
#25
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.02 min
Lab File: BN003126.D
Acq: 12 Oct 2018 04:49

Instrument :
BNA_N
ClientSampleId :
A3Z04DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	32.0	20.2	30.4#
279	34.6	23.8	35.8

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:35 PM



#26
Benzo(g,h,i)perylene
Concen: 0.748 ng/ul
RT: 26.32 min Scan# 6376
Delta R.T. -0.02 min
Lab File: BN003126.D
Acq: 12 Oct 2018 04:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	23.0	34.4
277	25.3	22.0	33.0

