

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003035.D
 Acq On : 09 Oct 2018 20:06
 Operator : MJ/SJ
 Sample : J5157-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

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 10/10/2018 4:57:46 PM

Quant Time: Oct 10 01:56:10 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 : Wed Oct 10 01:34:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1438	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6166	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3745	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8555m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	8490m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	7599	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3244	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	8849m	0.36	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	465	0.029	ng/ul#	65
7) Acenaphthylene	13.98	152	849	0.050	ng/ul#	84
12) Phenanthrene	17.06	178	1062m	0.045	ng/ul	
13) Anthracene	17.15	178	1548m	0.069	ng/ul	
15) Fluoranthene	19.09	202	2378m	0.085	ng/ul	
17) Pyrene	19.45	202	3224m	0.098	ng/ul	
18) Benzo(a)anthracene	21.22	228	2832m	0.104	ng/ul	
19) Chrysene	21.27	228	6353	0.229	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	6123m	0.224	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2320m	0.082	ng/ul	
23) Benzo(a)pyrene	23.34	252	3625	0.148	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.68	276	2003	0.071	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.67	278	657	0.029	ng/ul#	19
26) Benzo(g,h,i)perylene	26.36	276	1803	0.076	ng/ul#	80

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

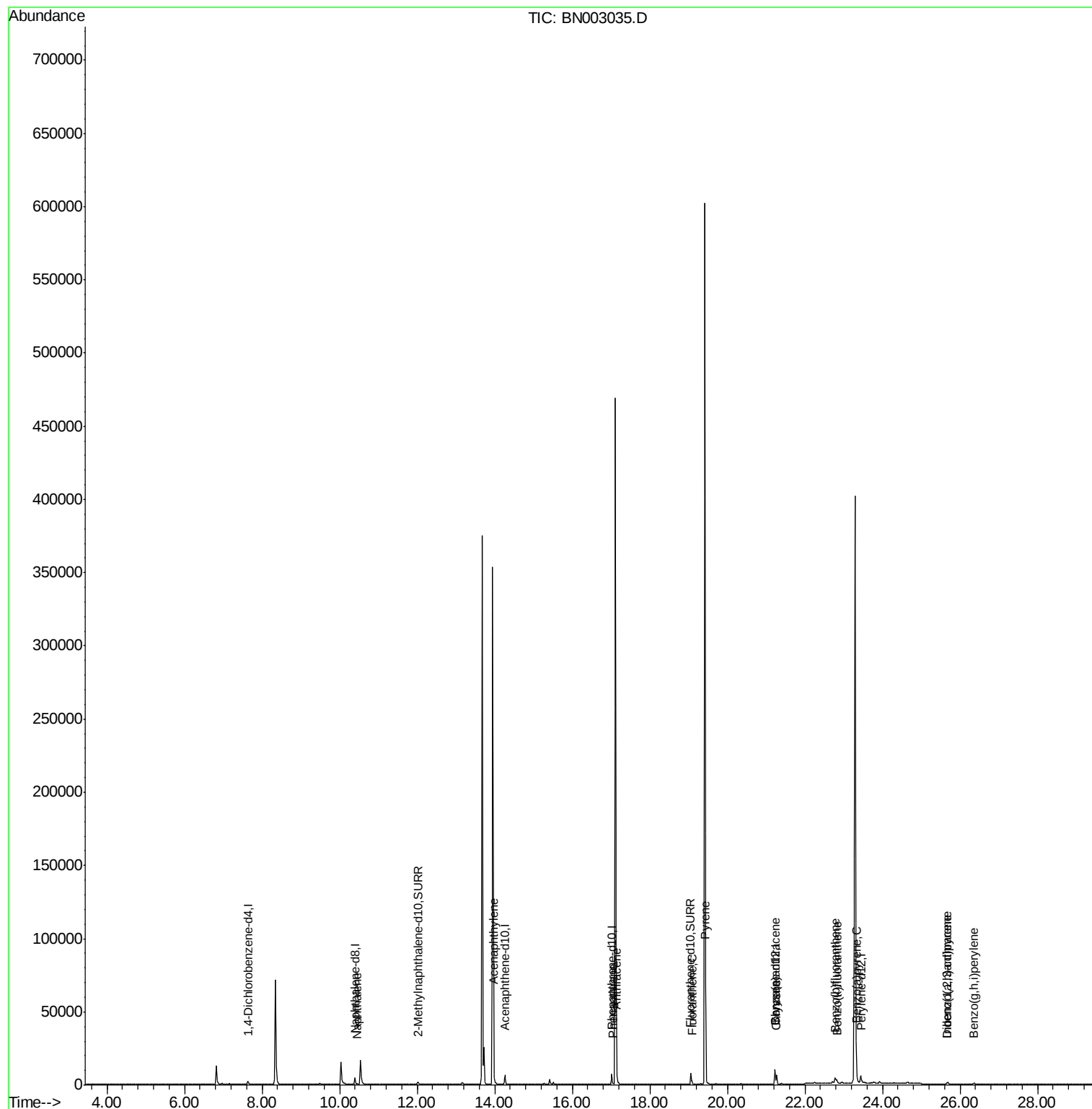
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
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ALS Vial : 8 Sample Multiplier: 1

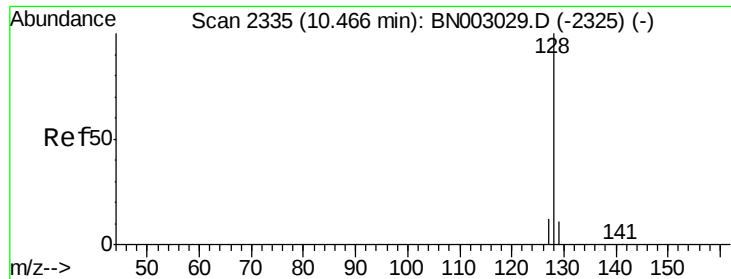
Instrument :
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Quant Time: Oct 10 01:56:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.029 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003035.D

Acq: 09 Oct 2018 20:06

Instrument :

BNA_N

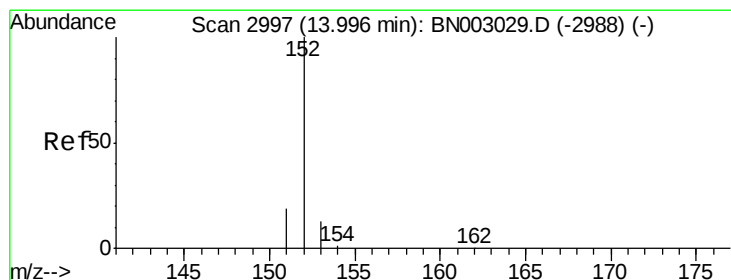
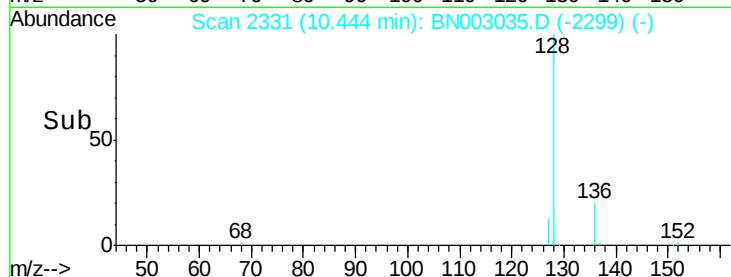
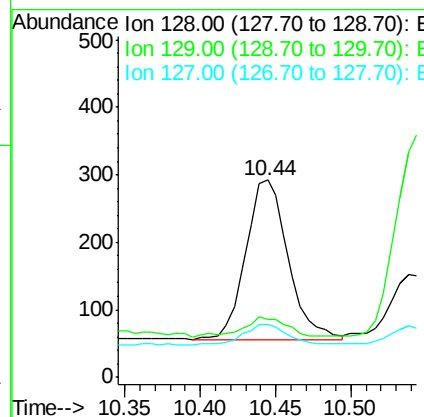
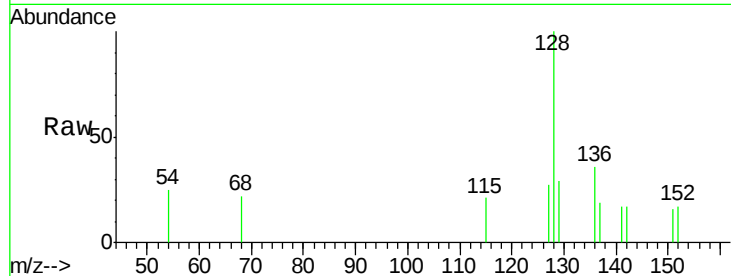
ClientSampleId :

C0AC7

Tgt Ion:	128	Resp:	465
Ion Ratio	Lower	Upper	
128	100		
129	29.1	10.4	15.6#
127	26.7	11.7	17.5#

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#7

Acenaphthylene

Concen: 0.050 ng/ul

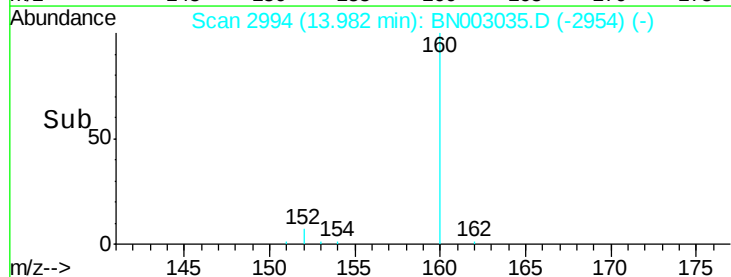
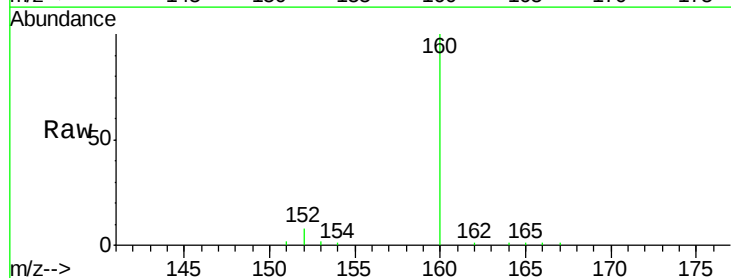
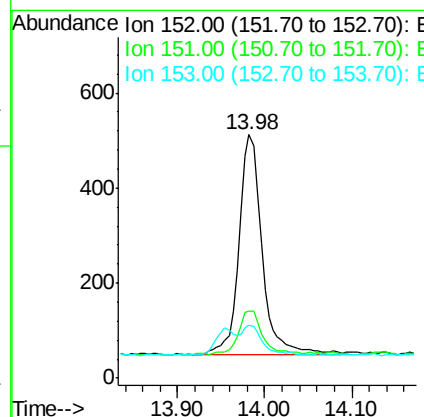
RT: 13.98 min Scan# 2994

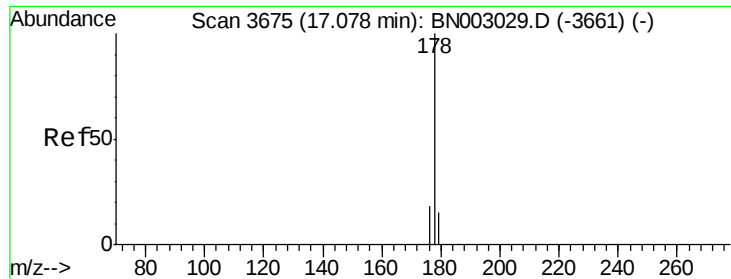
Delta R.T. -0.01 min

Lab File: BN003035.D

Acq: 09 Oct 2018 20:06

Tgt Ion:	152	Resp:	849
Ion Ratio	Lower	Upper	
152	100		
151	27.5	16.5	24.7#
153	21.7	11.4	17.2#





#12

Phenanthrene

Concen: 0.045 ng/ul m

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003035.D

Acq: 09 Oct 2018 20:06

Instrument :

BNA_N

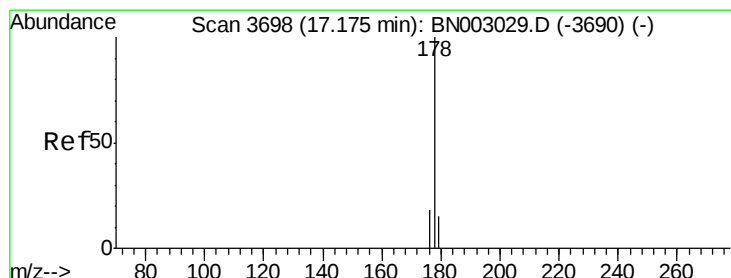
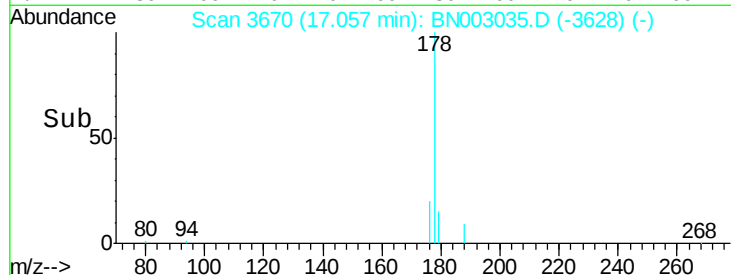
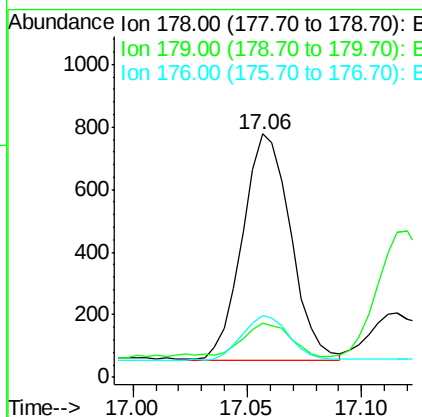
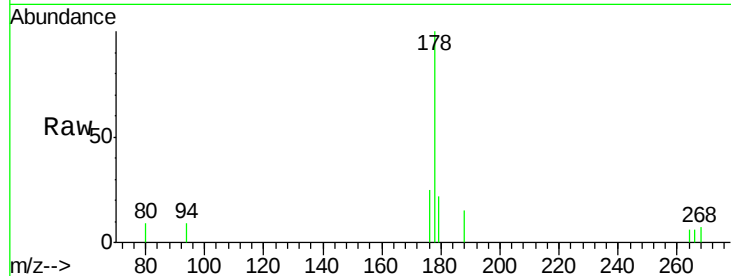
ClientSampled :

C0AC7

Tgt Ion:	178	Resp:	1062
Ion Ratio	Lower	Upper	
178	100		
179	22.2	12.9	19.3#
176	25.4	15.4	23.2#

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#13

Anthracene

Concen: 0.069 ng/ul m

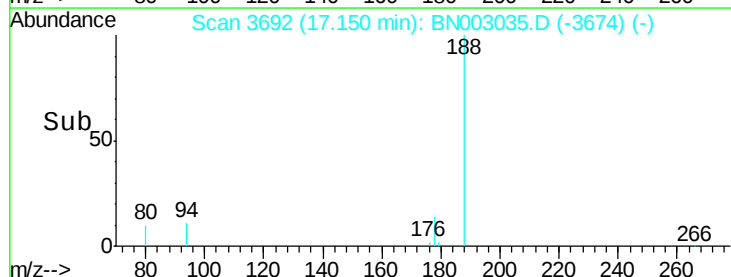
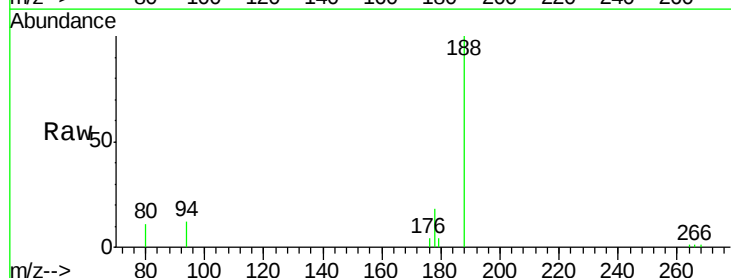
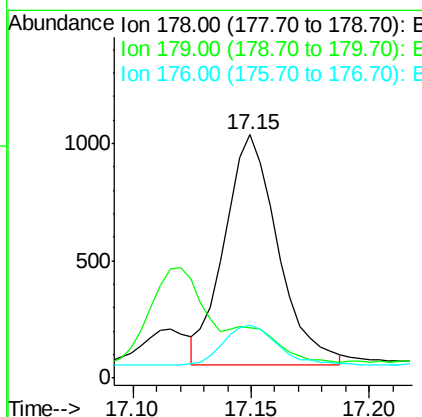
RT: 17.15 min Scan# 3692

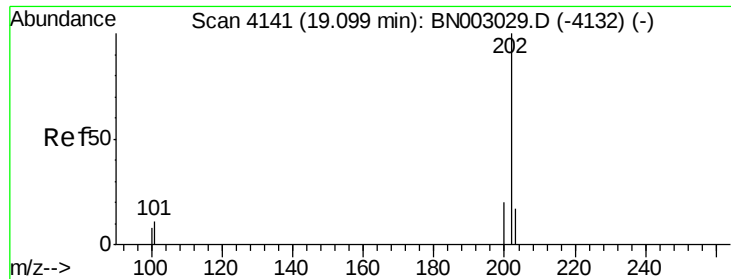
Delta R.T. -0.03 min

Lab File: BN003035.D

Acq: 09 Oct 2018 20:06

Tgt Ion:	178	Resp:	1548
Ion Ratio	Lower	Upper	
178	100		
179	20.9	13.0	19.6#
176	21.9	15.3	22.9





#15

Fluoranthene

Concen: 0.085 ng/ul m

RT: 19.09 min Scan# 4139

Delta R.T. -0.01 min

Lab File: BN003035.D

Acq: 09 Oct 2018 20:06

Instrument :

BNA_N

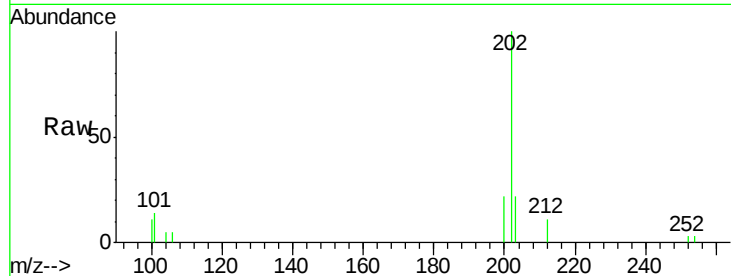
ClientSampleId :

C0AC7

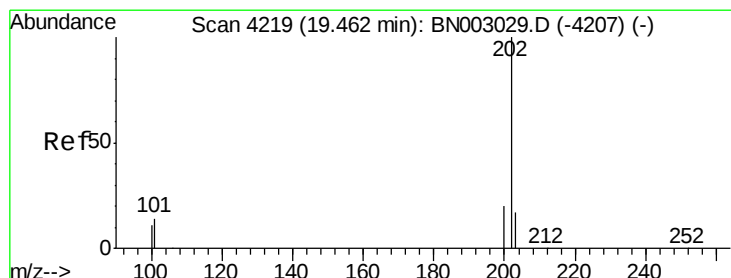
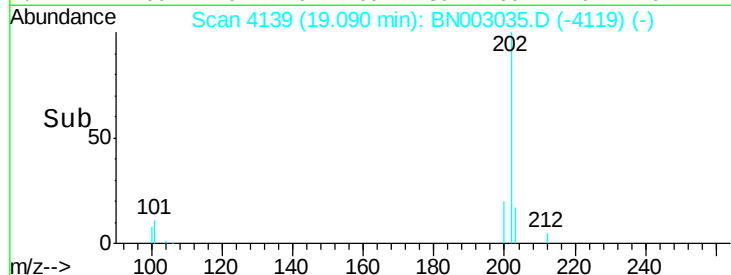
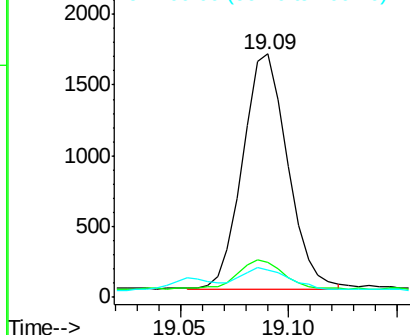
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		2378		
101	14.1	0.0	32.3		
100	11.3	0.0	29.1		

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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: 0.098 ng/ul m

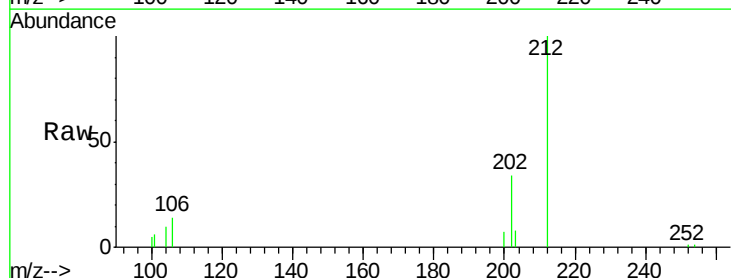
RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

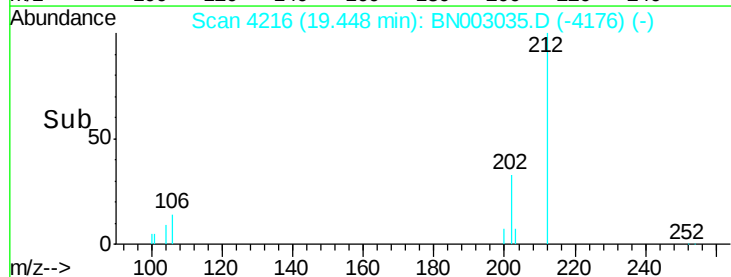
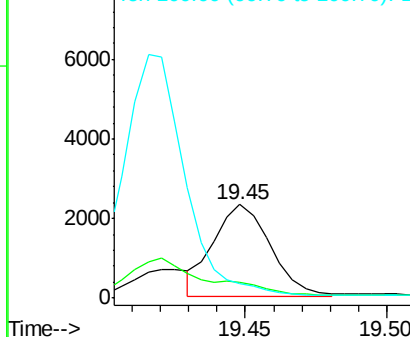
Lab File: BN003035.D

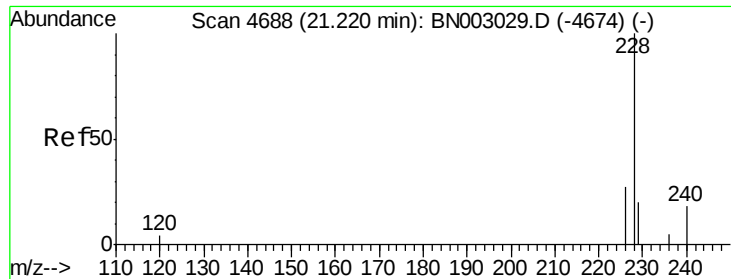
Acq: 09 Oct 2018 20:06

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		3224		
101	16.8	11.9	17.9		
100	15.9	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





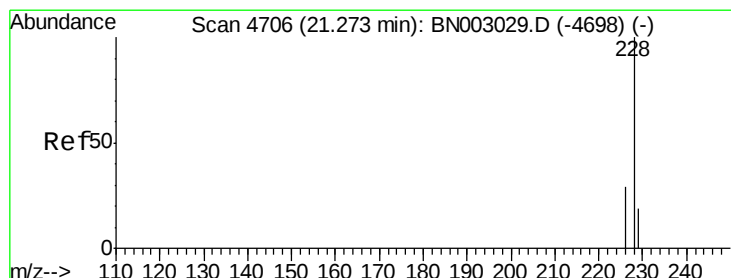
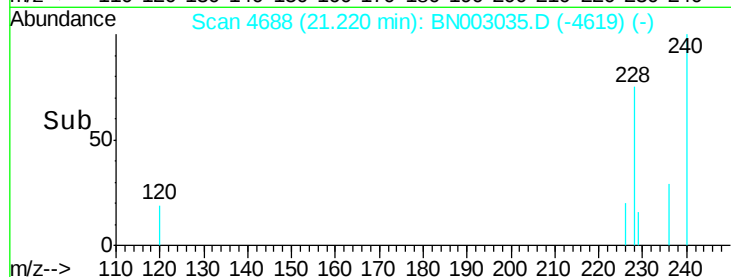
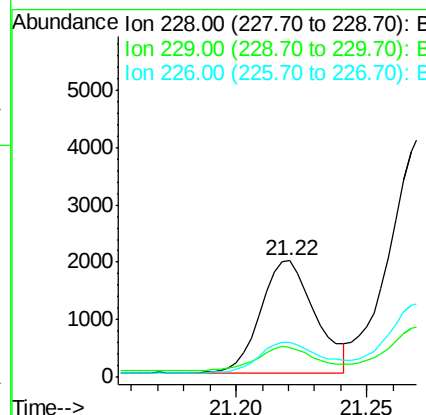
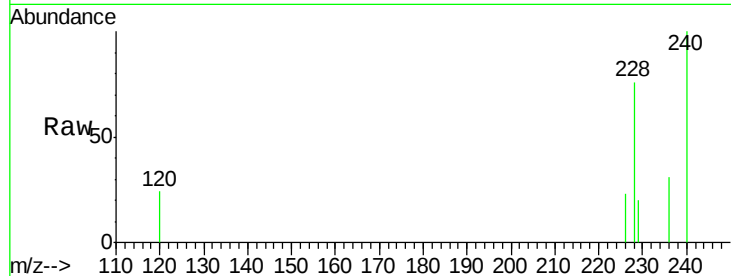
#18
Benzo(a)anthracene
Concen: 0.104 ng/ul m
RT: 21.22 min Scan# 4688
Delta R.T. 0.00 min
Lab File: BN003035.D
Acq: 09 Oct 2018 20:06

Instrument :
BNA_N
ClientSampleId :
C0AC7

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.9	16.2	24.2#
226	30.2	22.3	33.5

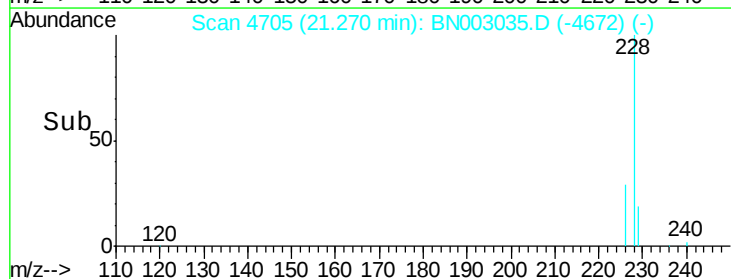
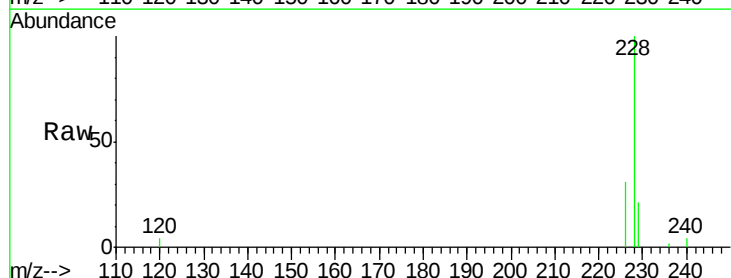
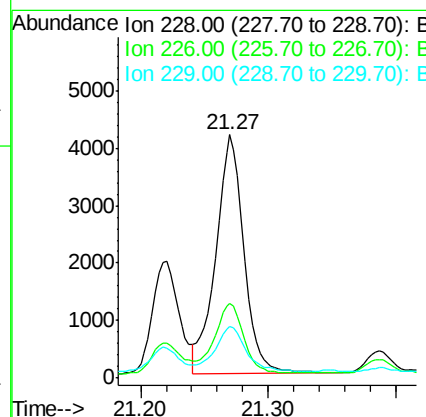
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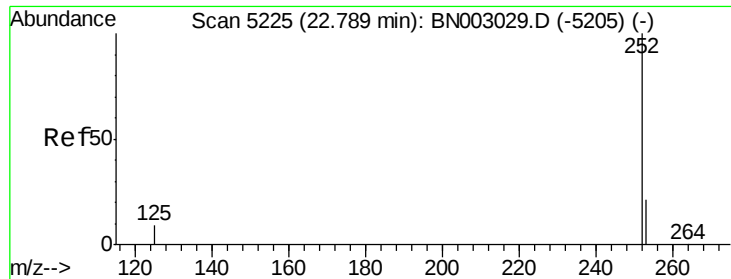
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#19
Chrysene
Concen: 0.229 ng/ul
RT: 21.27 min Scan# 4705
Delta R.T. -0.00 min
Lab File: BN003035.D
Acq: 09 Oct 2018 20:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	21.4	16.7	25.1





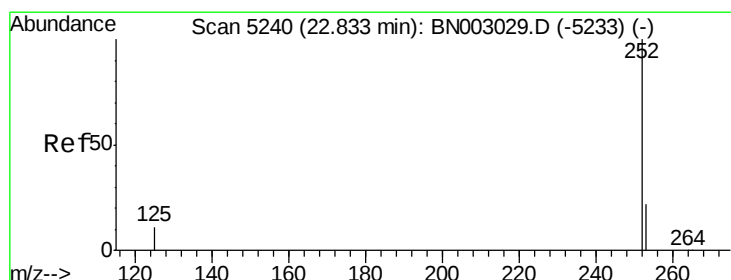
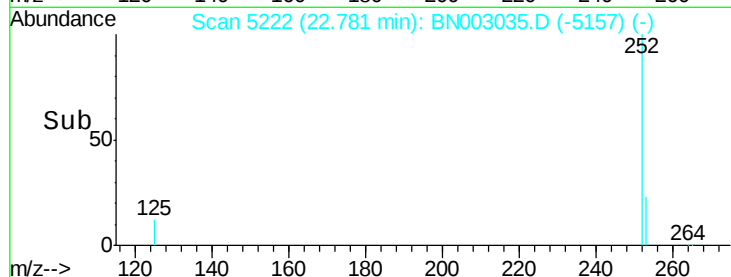
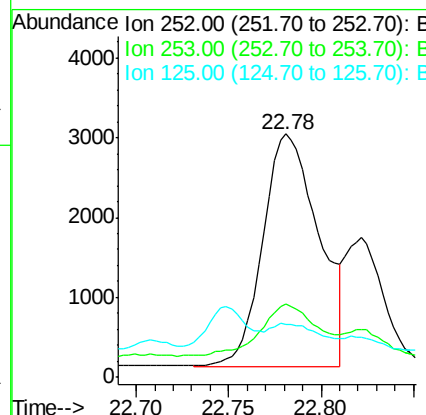
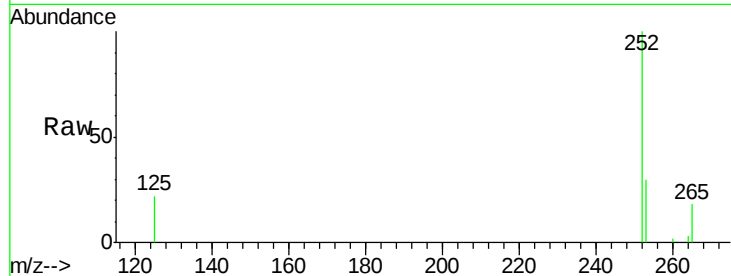
#21
Benzo(b)fluoranthene
Concen: 0.224 ng/ul m
RT: 22.78 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN003035.D
Acq: 09 Oct 2018 20:06

Instrument :
BNA_N
ClientSampleId :
C0AC7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	0.0	53.2
125	21.9	0.0	34.2

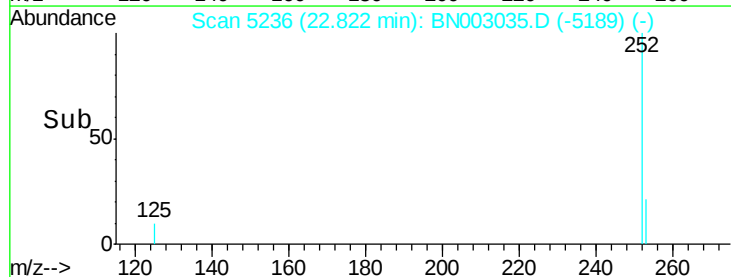
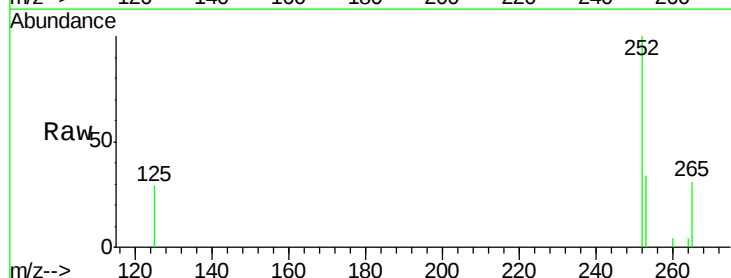
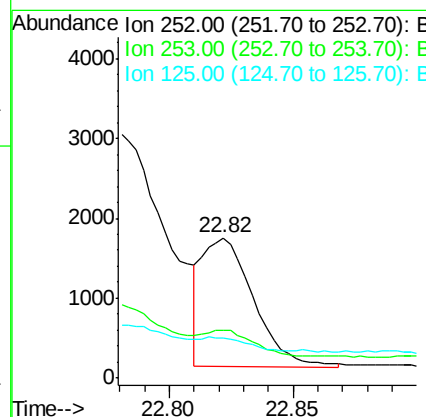
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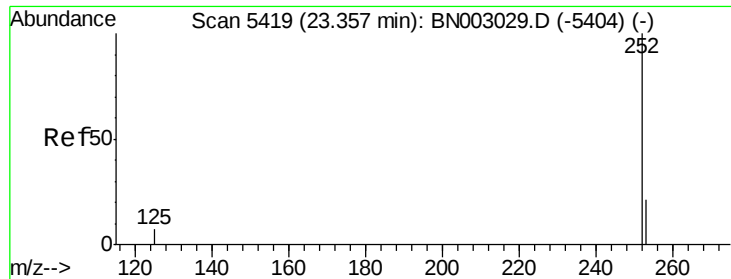
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#22
Benzo(k)fluoranthene
Concen: 0.082 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. -0.01 min
Lab File: BN003035.D
Acq: 09 Oct 2018 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.1	21.3	31.9#
125	28.7	14.1	21.1#





#23

Benzo(a)pyrene

Concen: 0.148 ng/u1

RT: 23.34 min Scan# 5413

Delta R.T. -0.02 min

Lab File: BN003035.D

Acq: 09 Oct 2018 20:06

Instrument :

BNA_N

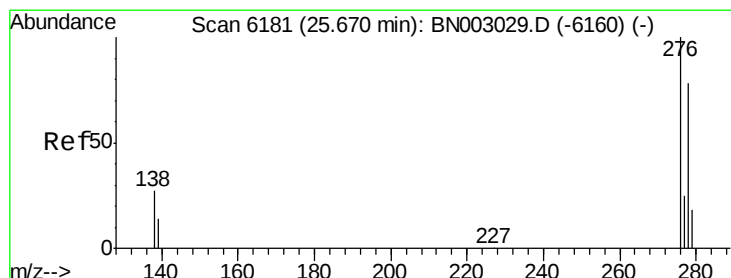
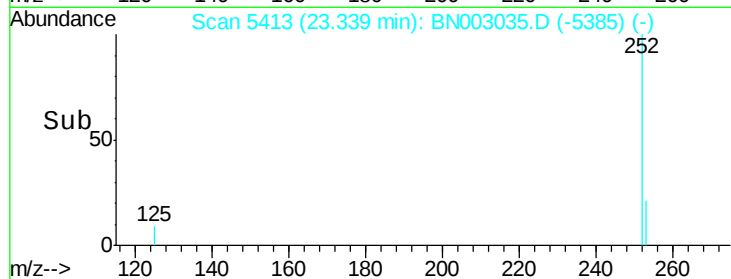
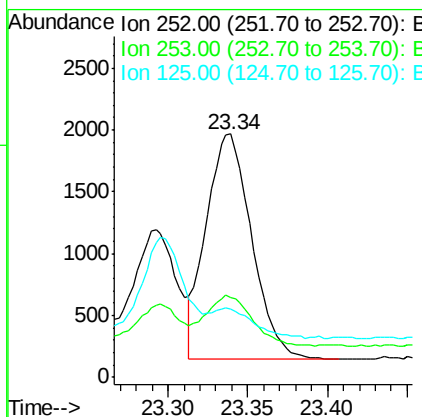
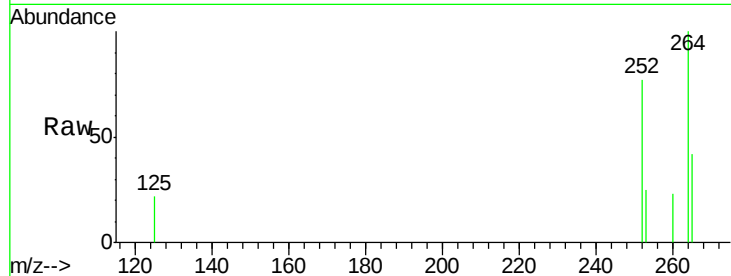
ClientSampleId :

C0AC7

Tgt Ion:	252	Resp:	3625
Ion Ratio	Lower	Upper	
252	100		
253	33.0	23.1	34.7
125	28.3	16.9	25.3#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.071 ng/u1

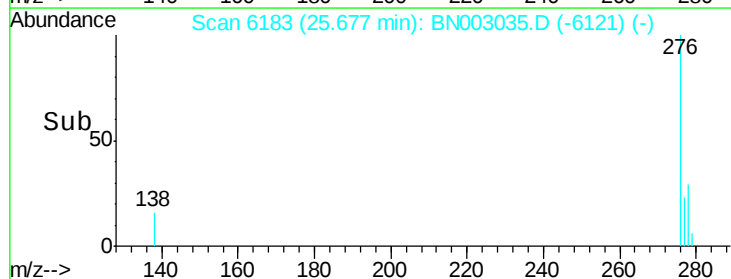
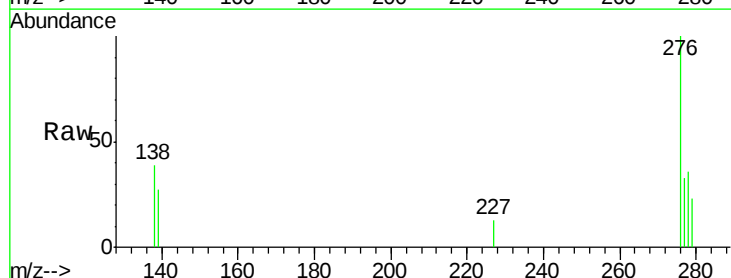
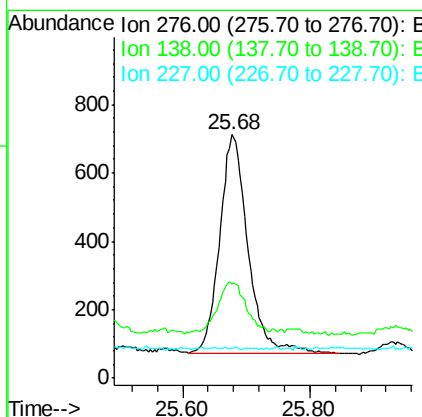
RT: 25.68 min Scan# 6183

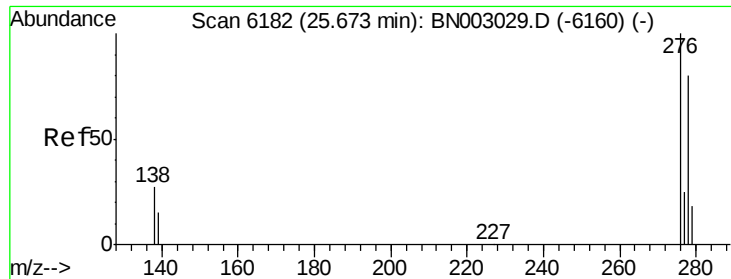
Delta R.T. 0.01 min

Lab File: BN003035.D

Acq: 09 Oct 2018 20:06

Tgt Ion:	276	Resp:	2003
Ion Ratio	Lower	Upper	
276	100		
138	21.1	21.5	32.3#
227	0.2	0.3	0.5#





#25

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

RT: 25.67 min Scan# 6182

Delta R.T. 0.00 min

Lab File: BN003035.D

Acq: 09 Oct 2018 20:06

Instrument :

BNA_N

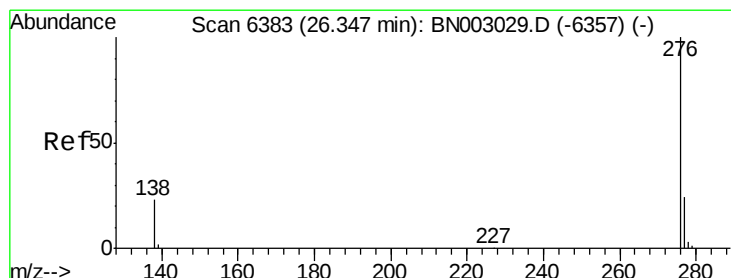
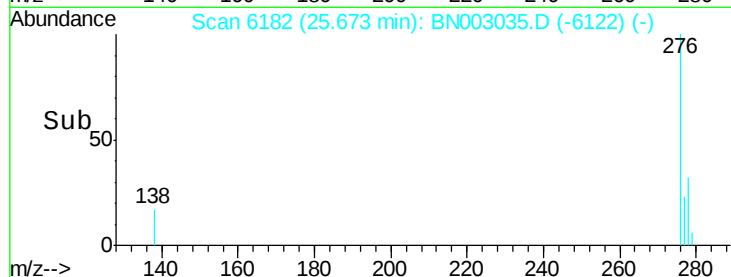
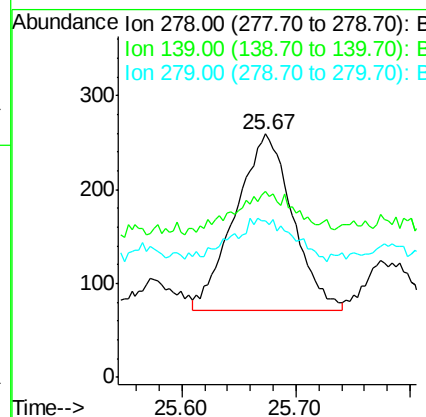
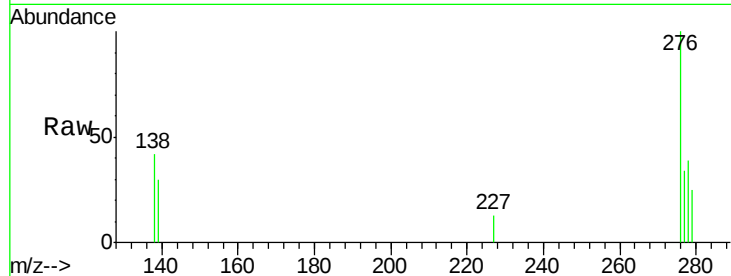
ClientSampled :

C0AC7

Tgt Ion:	278	Resp:	657
Ion Ratio	Lower	Upper	
278	100		
139	76.4	20.2	30.4#
279	64.1	23.8	35.8#

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#26

Benzo(g,h,i)perylene

Concen: 0.076 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. 0.01 min

Lab File: BN003035.D

Acq: 09 Oct 2018 20:06

Tgt Ion:	276	Resp:	1803
Ion Ratio	Lower	Upper	
276	100		
138	41.2	23.0	34.4#
277	36.0	22.0	33.0#

