

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003041.D
 Acq On : 09 Oct 2018 23:37
 Operator : MJ/SJ
 Sample : J5157-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD3

Manual Integrations
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Quant Time: Oct 10 02:25:33 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	1939	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	8093	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4683	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	9365m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5885m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	6471	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5244	0.42	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	10256m	0.38	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	2804	0.135	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	315	0.022	ng/ul	99
7) Acenaphthylene	13.98	152	1632	0.076	ng/ul#	89
9) Fluorene	15.32	166	509	0.027	ng/ul#	92
12) Phenanthrene	17.06	178	2659m	0.102	ng/ul	
13) Anthracene	17.15	178	3477m	0.141	ng/ul	
15) Fluoranthene	19.09	202	6033m	0.197	ng/ul	
17) Pyrene	19.45	202	20156m	0.882	ng/ul	
18) Benzo(a)anthracene	21.21	228	10398	0.549	ng/ul	98
19) Chrysene	21.26	228	13589	0.707	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	24768m	1.063	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	8324m	0.345	ng/ul	
23) Benzo(a)pyrene	23.34	252	14877	0.712	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.66	276	7173	0.299	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.66	278	2134	0.111	ng/ul#	74
26) Benzo(g,h,i)perylene	26.33	276	5926	0.293	ng/ul	99

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

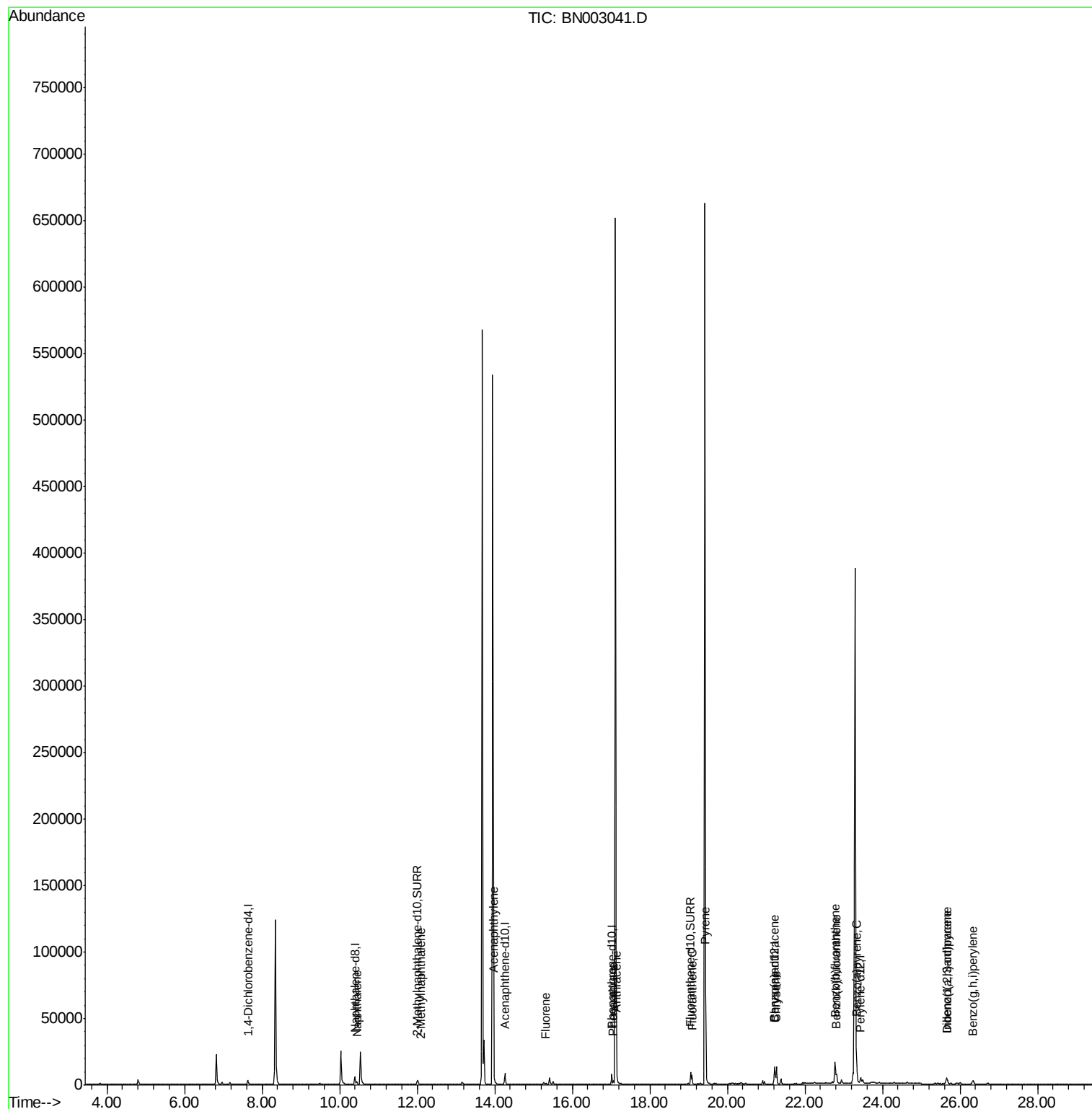
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003041.D
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Sample : J5157-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

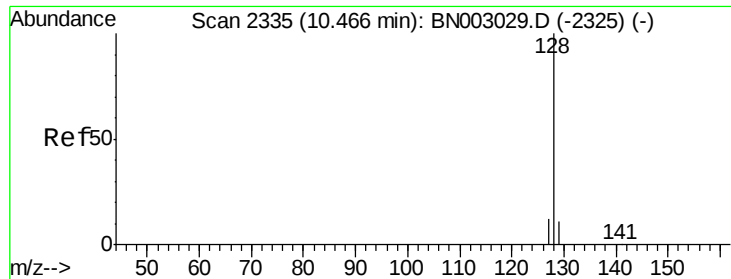
Instrument :
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QLast Update : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.135 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.03 min

Lab File: BN003041.D

Acq: 09 Oct 2018 23:37

Instrument :

BNA_N

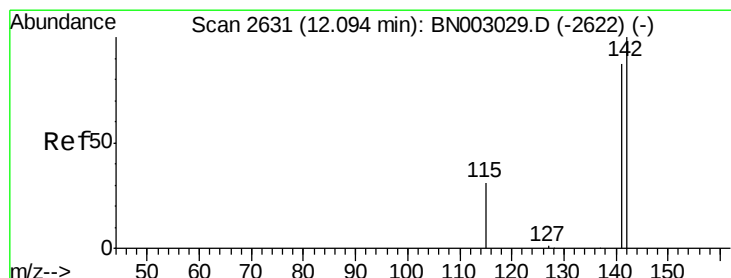
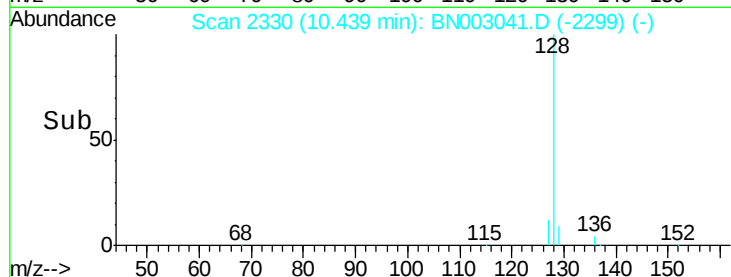
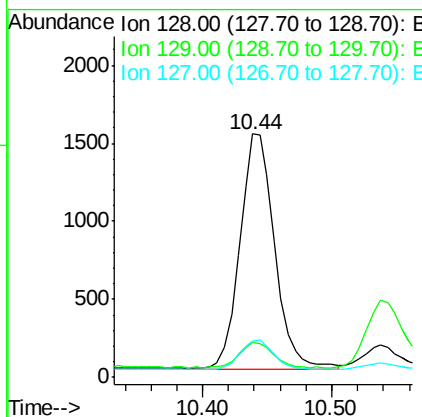
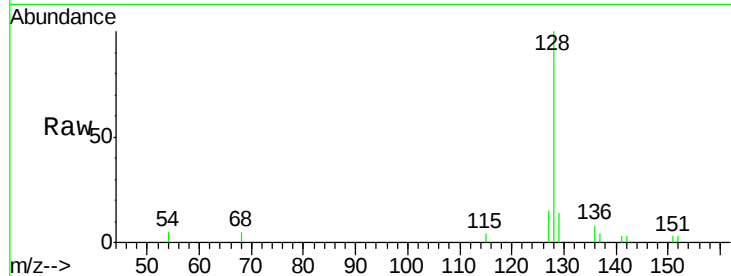
ClientSampleId :

C0AD3

Tgt Ion:	128	Resp:	2804
Ion Ratio	Lower	Upper	
128	100		
129	14.3	10.4	15.6
127	15.1	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

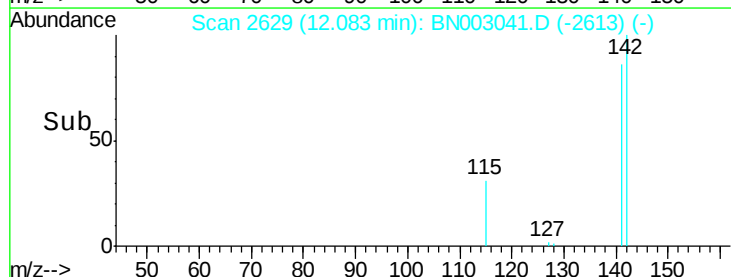
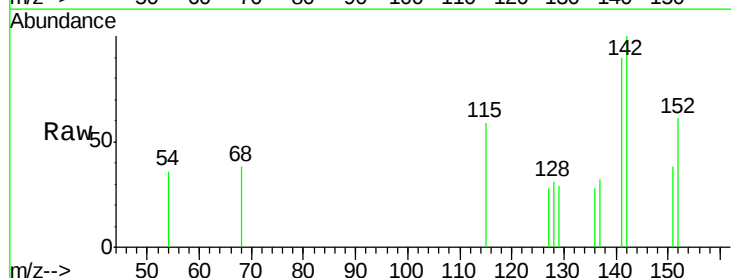
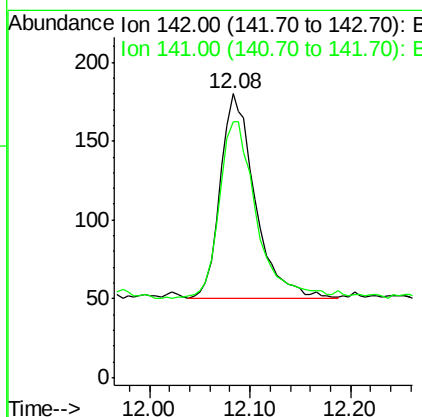
RT: 12.08 min Scan# 2629

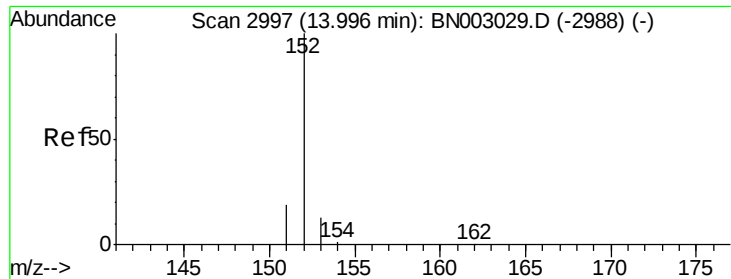
Delta R.T. -0.01 min

Lab File: BN003041.D

Acq: 09 Oct 2018 23:37

Tgt Ion:	142	Resp:	315
Ion Ratio	Lower	Upper	
142	100		
141	93.0	73.4	110.0





#7

Acenaphthylene

Concen: 0.076 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003041.D

Acq: 09 Oct 2018 23:37

Instrument :

BNA_N

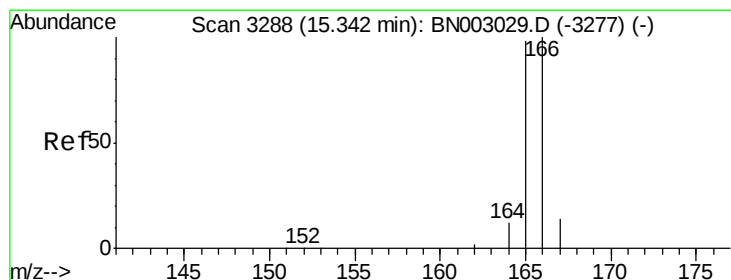
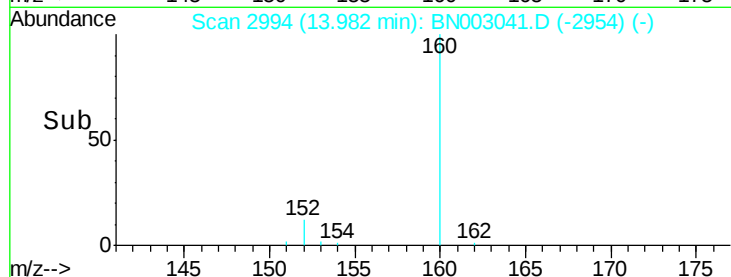
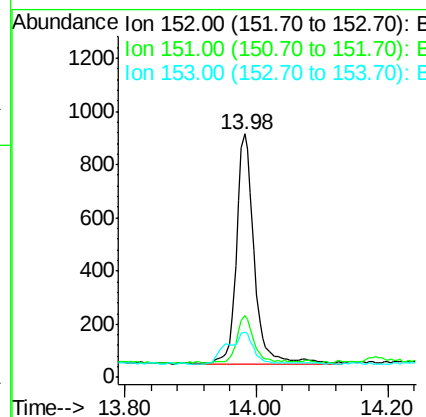
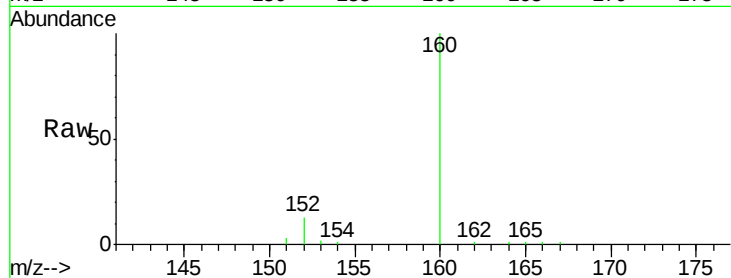
ClientSampleId :

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Tgt Ion:	152	Resp:	1632
Ion Ratio	Lower	Upper	
152	100		
151	25.4	16.5	24.7#
153	18.7	11.4	17.2#

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#9

Fluorene

Concen: 0.027 ng/ul

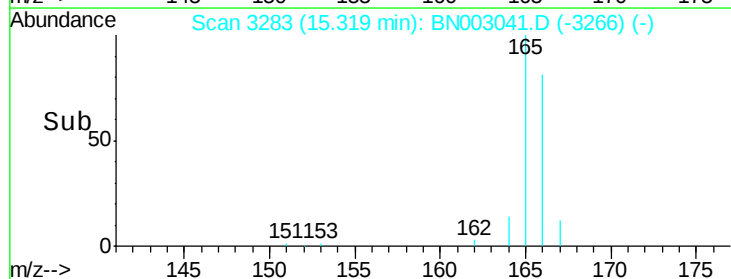
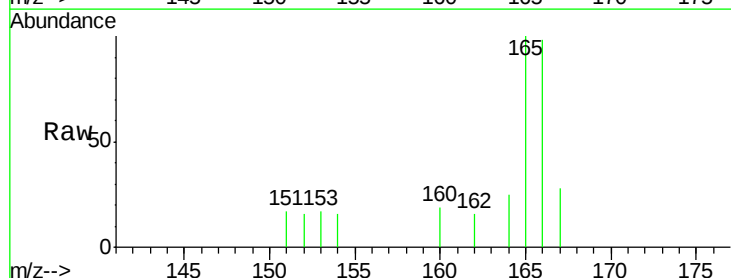
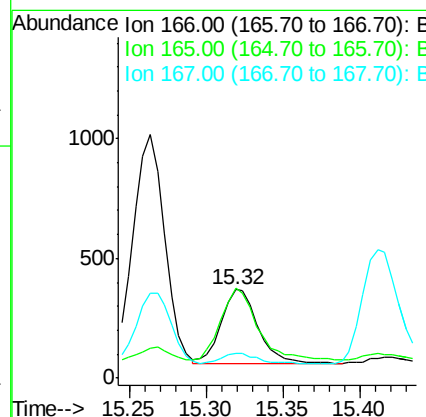
RT: 15.32 min Scan# 3283

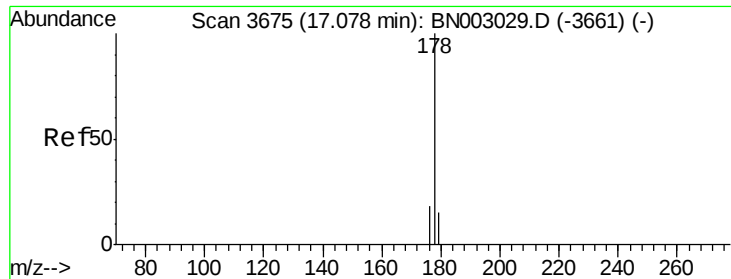
Delta R.T. -0.02 min

Lab File: BN003041.D

Acq: 09 Oct 2018 23:37

Tgt Ion:	166	Resp:	509
Ion Ratio	Lower	Upper	
166	100		
165	102.4	78.5	117.7
167	28.5	11.6	17.4#





#12

Phenanthrene

Concen: 0.102 ng/ul m

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003041.D

Acq: 09 Oct 2018 23:37

Instrument :

BNA_N

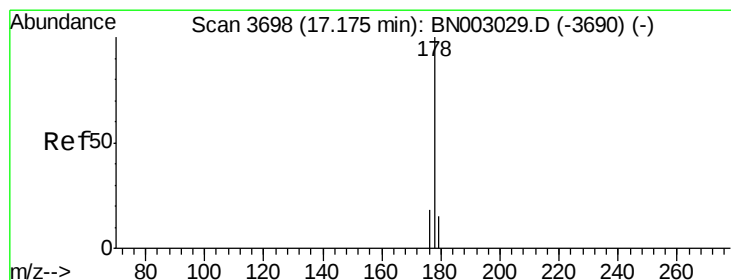
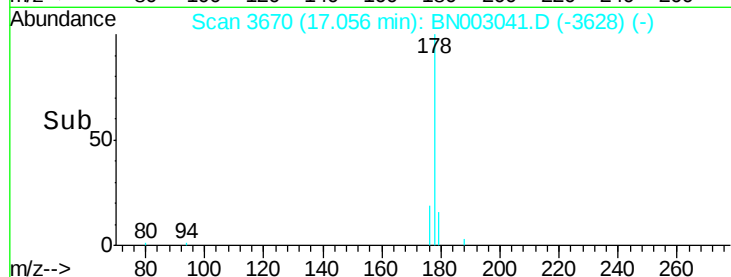
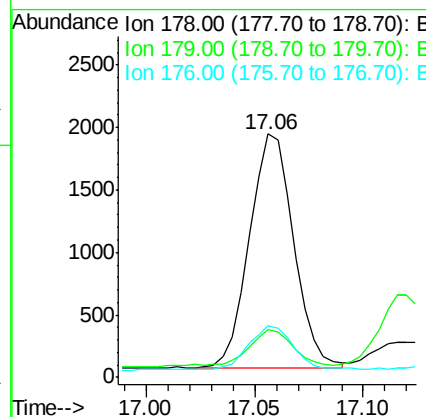
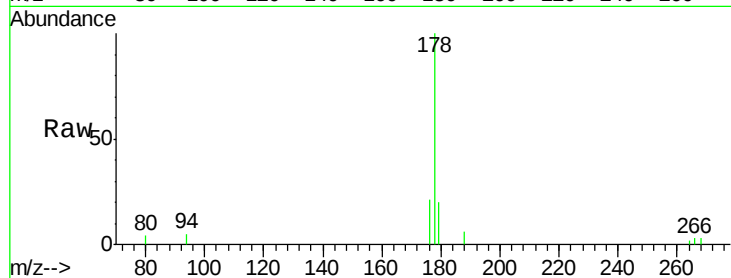
ClientSampled :

C0AD3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.5	12.9	19.3#
176	21.1	15.4	23.2

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#13

Anthracene

Concen: 0.141 ng/ul m

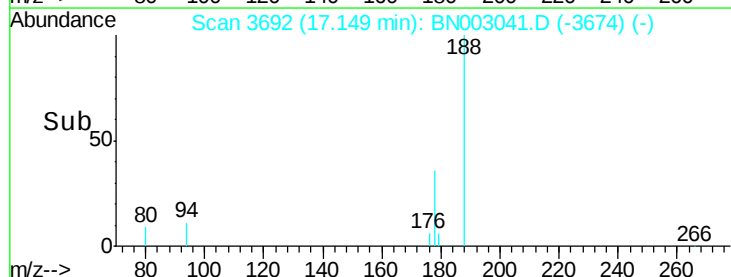
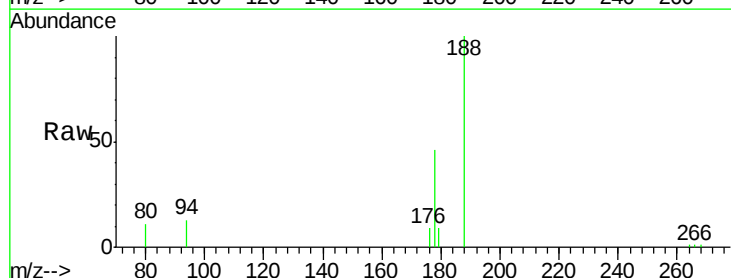
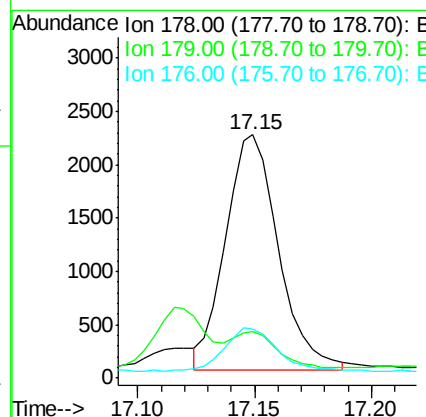
RT: 17.15 min Scan# 3692

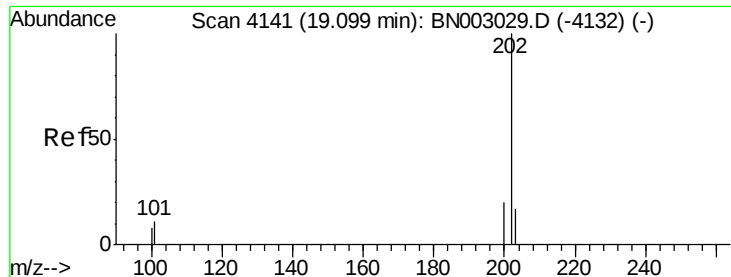
Delta R.T. -0.03 min

Lab File: BN003041.D

Acq: 09 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.1	13.0	19.6
176	20.0	15.3	22.9





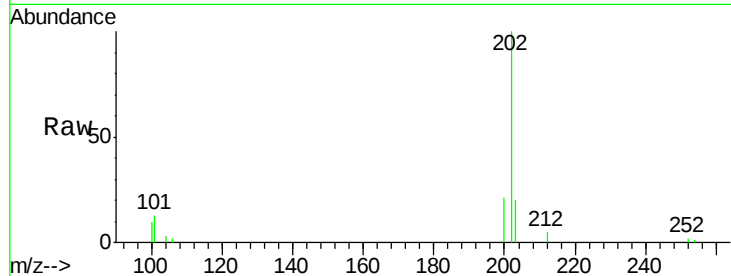
#15
Fluoranthene
 Concen: 0.197 ng/ul m
 RT: 19.09 min Scan# 4138
 Delta R.T. -0.01 min
 Lab File: BN003041.D
 Acq: 09 Oct 2018 23:37

Instrument :
 BNA_N
 ClientSampleId :
 C0AD3

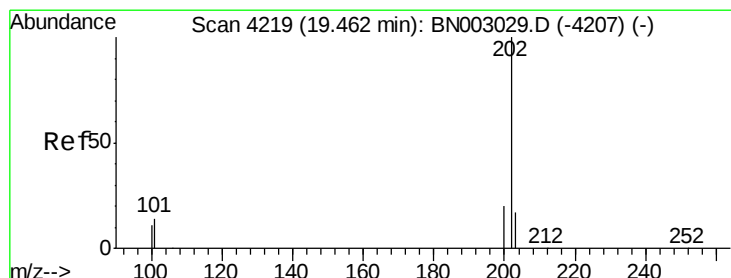
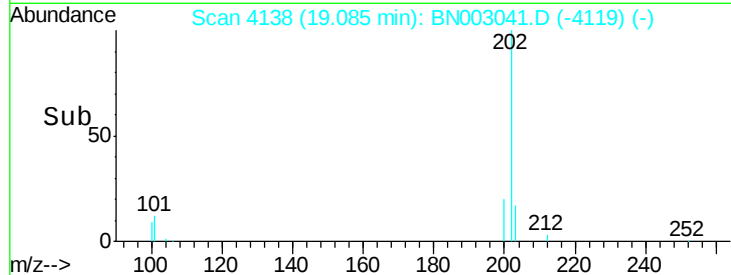
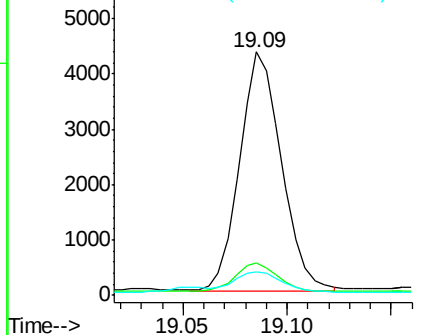
Tgt Ion:	202	Resp:	6033
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	32.3
100	9.8	0.0	29.1

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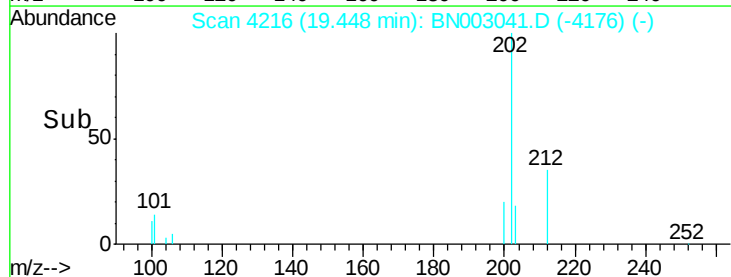
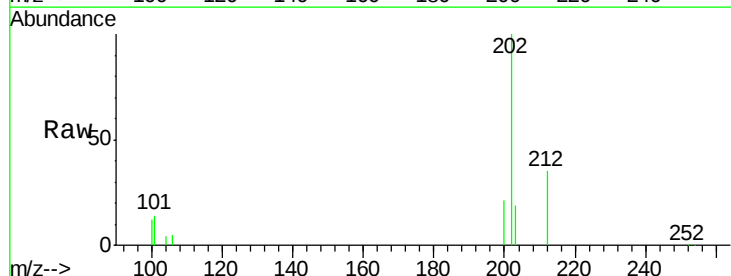
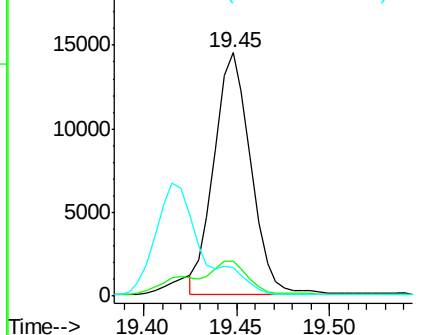
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

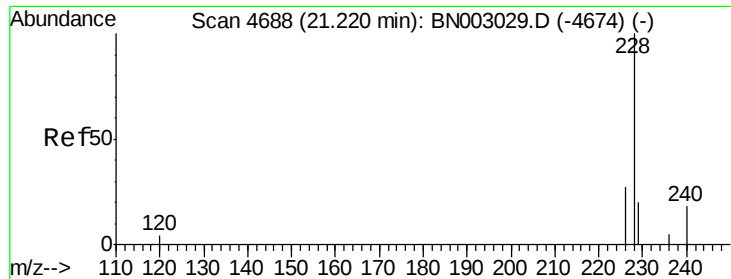


#17
Pyrene
 Concen: 0.882 ng/ul m
 RT: 19.45 min Scan# 4216
 Delta R.T. -0.01 min
 Lab File: BN003041.D
 Acq: 09 Oct 2018 23:37

Tgt Ion:	202	Resp:	20156
Ion Ratio	Lower	Upper	
202	100		
101	14.1	11.9	17.9
100	11.6	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





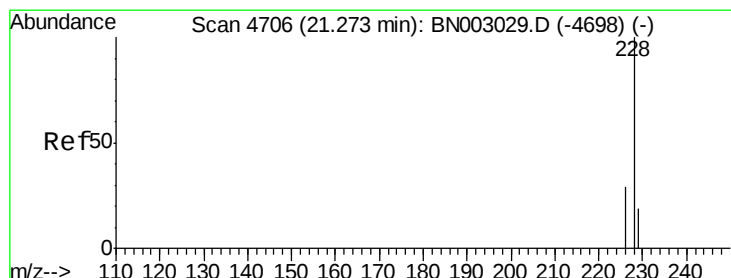
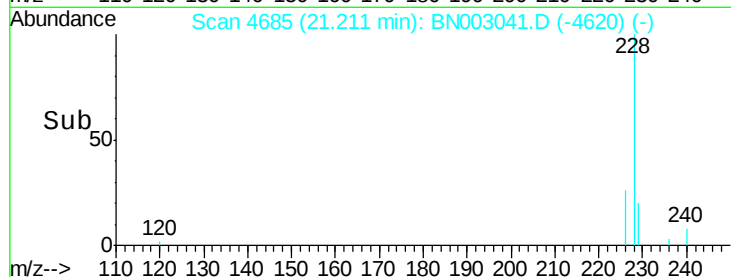
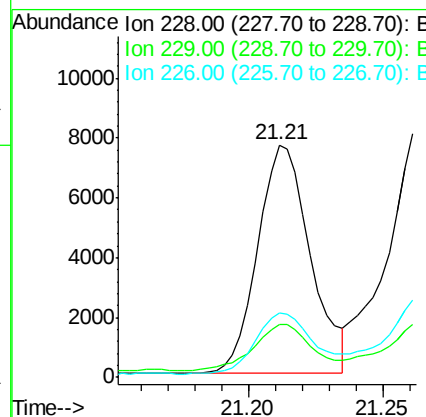
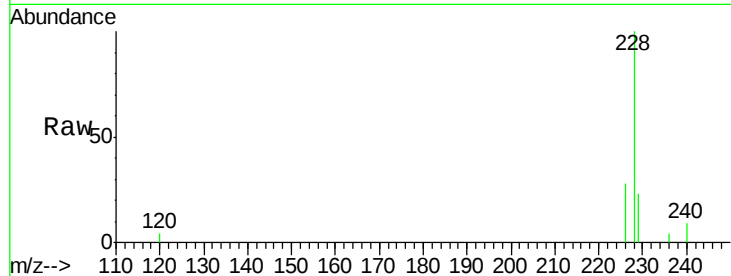
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Benzo(a)anthracene
Concen: 0.549 ng/ul
RT: 21.21 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN003041.D
Acq: 09 Oct 2018 23:37

Instrument :
BNA_N
ClientSampled :
C0AD3

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.2	24.2
226	27.8	22.3	33.5

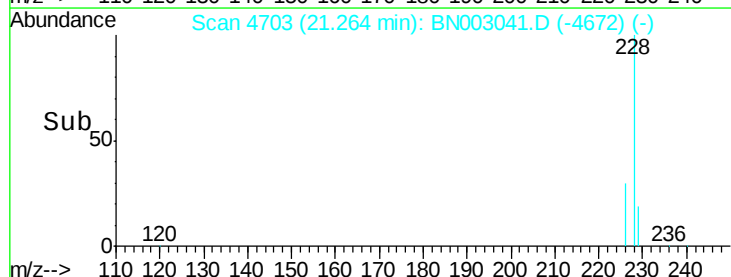
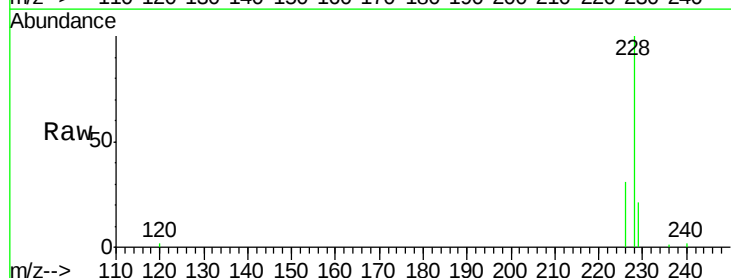
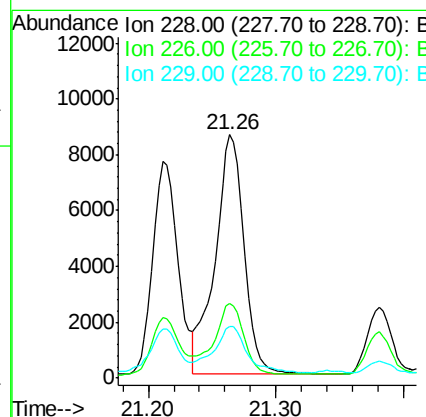
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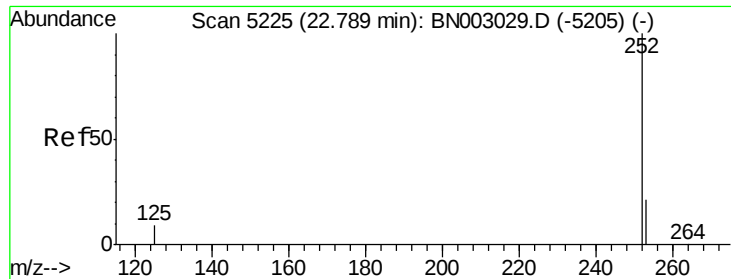
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#19
Chrysene
Concen: 0.707 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BN003041.D
Acq: 09 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	21.2	16.7	25.1





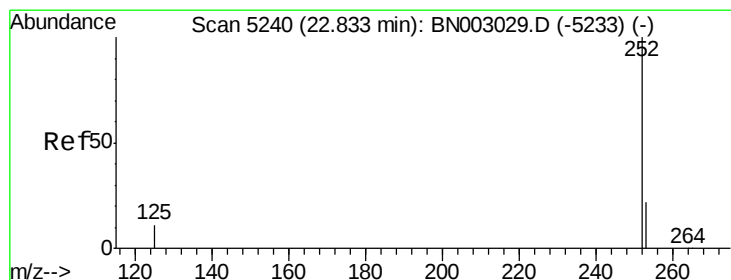
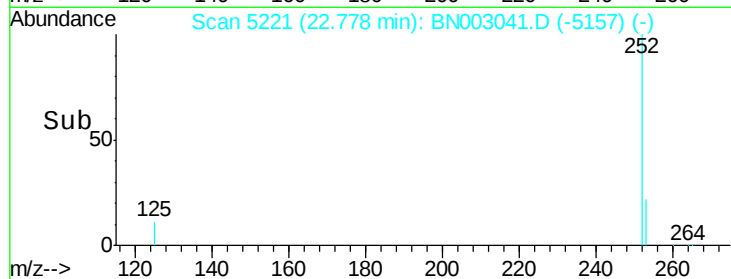
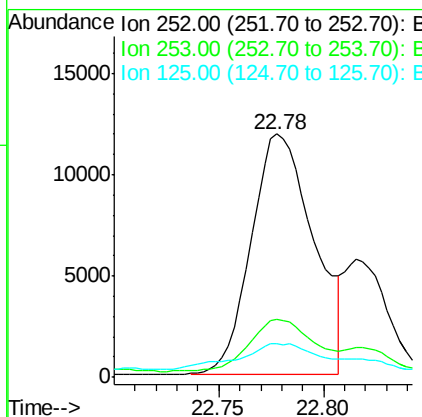
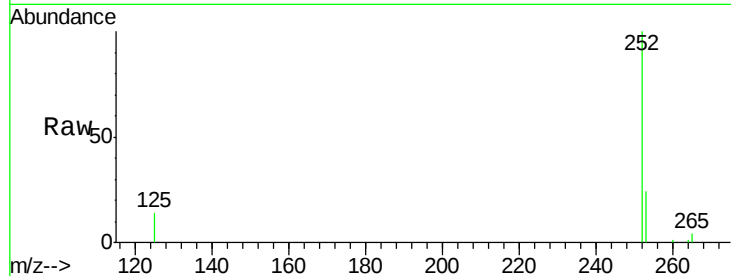
#21
Benzo(b)fluoranthene
Concen: 1.063 ng/ul m
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003041.D
Acq: 09 Oct 2018 23:37

Instrument :
BNA_N
ClientSampleId :
C0AD3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	53.2
125	13.7	0.0	34.2

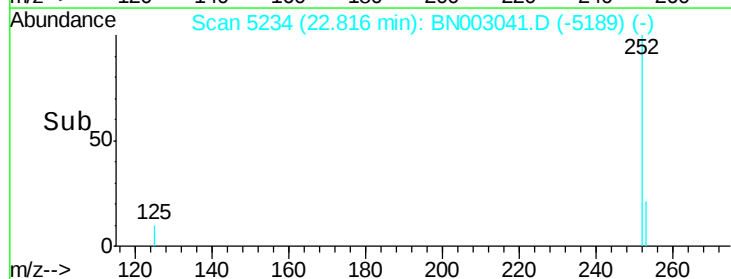
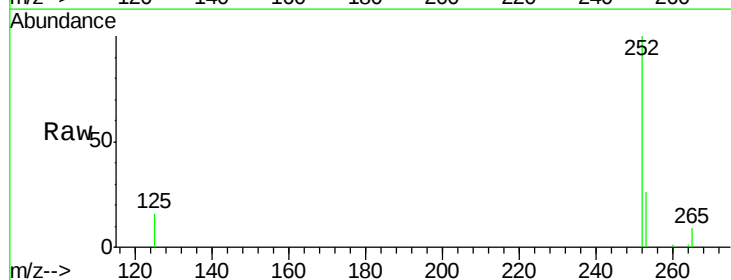
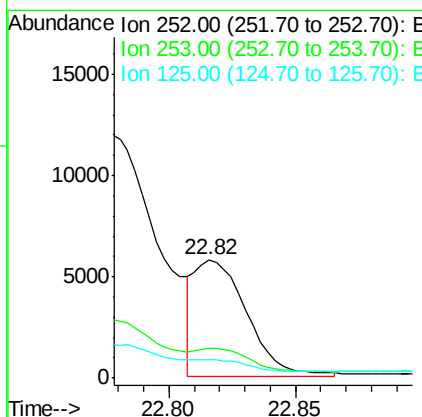
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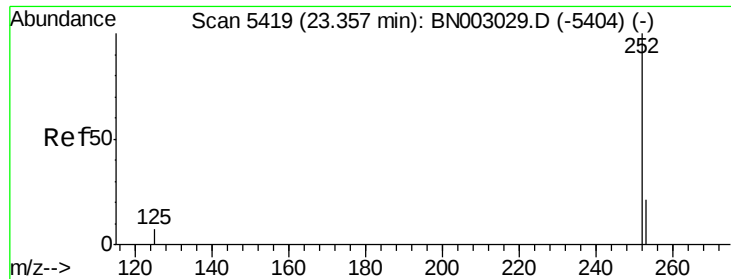
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#22
Benzo(k)fluoranthene
Concen: 0.345 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN003041.D
Acq: 09 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.3	31.9
125	15.9	14.1	21.1





#23

Benzo(a)pyrene

Concen: 0.712 ng/u1

RT: 23.34 min Scan# 5412

Delta R.T. -0.02 min

Lab File: BN003041.D

Acq: 09 Oct 2018 23:37

Instrument :

BNA_N

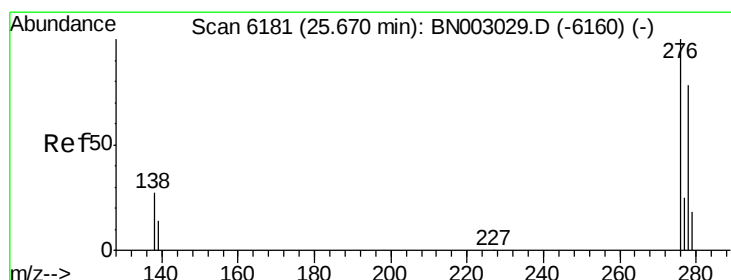
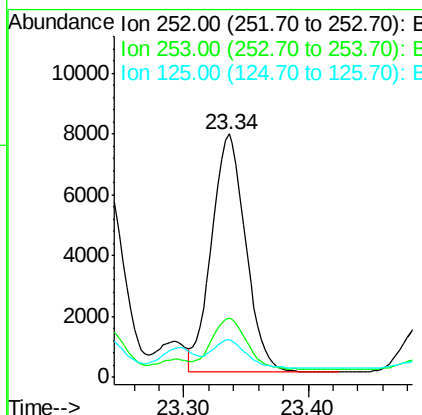
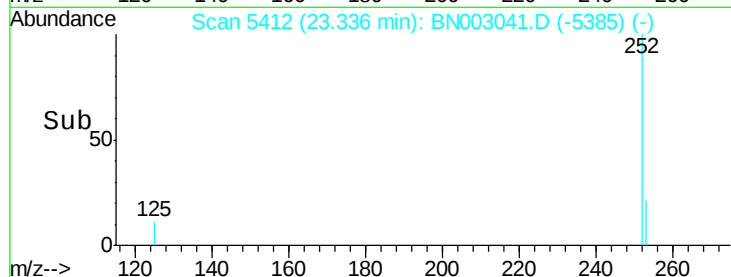
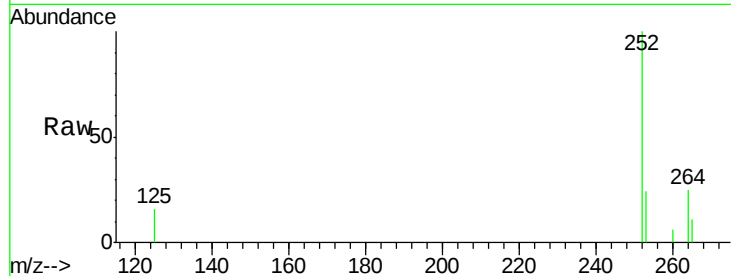
ClientSampleId :

C0AD3

Tgt Ion:	252	Resp:	14877
Ion Ratio	Lower	Upper	
252	100		
253	24.5	23.1	34.7
125	15.5	16.9	25.3#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.299 ng/u1

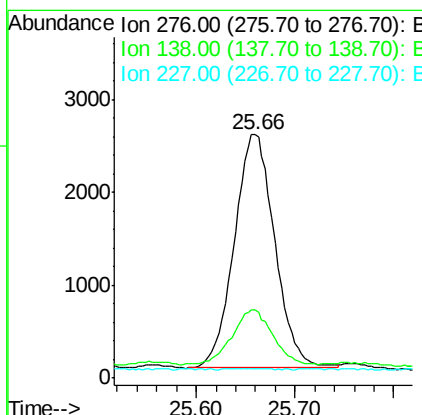
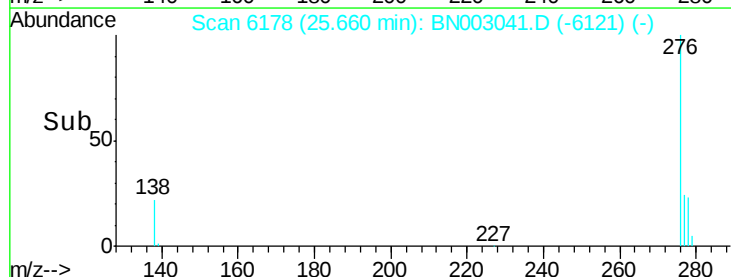
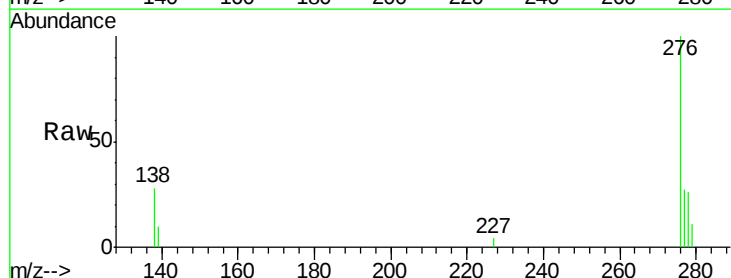
RT: 25.66 min Scan# 6178

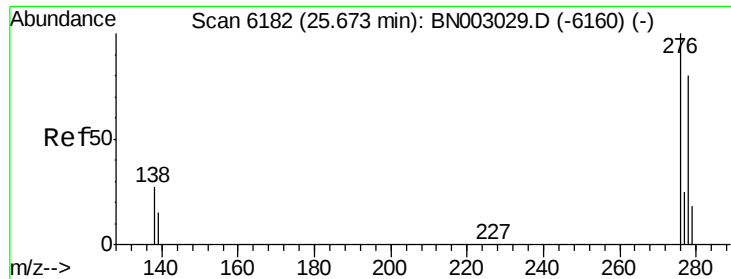
Delta R.T. -0.01 min

Lab File: BN003041.D

Acq: 09 Oct 2018 23:37

Tgt Ion:	276	Resp:	7173
Ion Ratio	Lower	Upper	
276	100		
138	23.1	21.5	32.3
227	0.3	0.3	0.5#





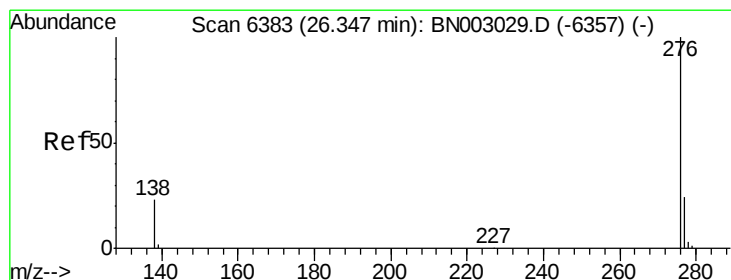
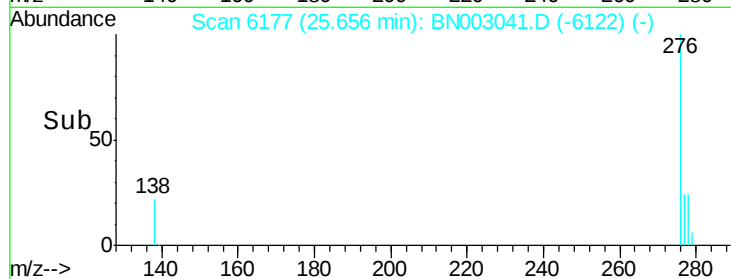
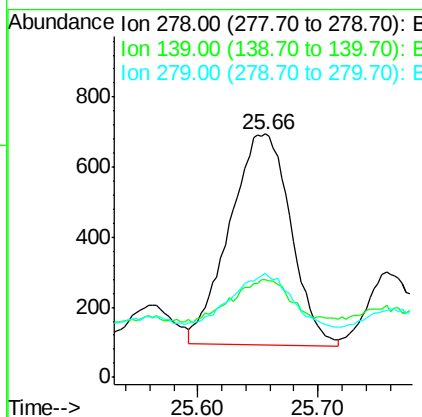
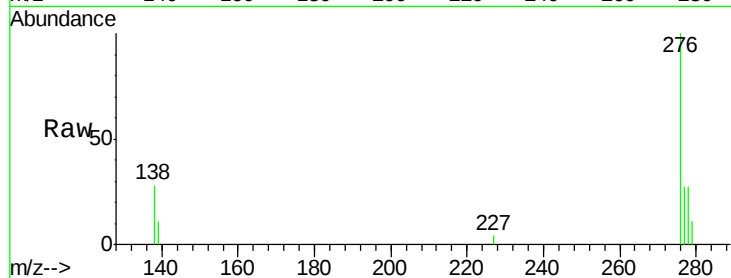
#25
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.66 min Scan# 6177
Delta R.T. -0.02 min
Lab File: BN003041.D
Acq: 09 Oct 2018 23:37

Instrument :
BNA_N
ClientSampleId :
C0AD3

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.3	20.2	30.4#
279	42.6	23.8	35.8#

Manual Integrations
APPROVED

Sohil
10/10/2018 4:57:52 PM



#26
Benzo(g,h,i)perylene
Concen: 0.293 ng/ul
RT: 26.33 min Scan# 6379
Delta R.T. -0.01 min
Lab File: BN003041.D
Acq: 09 Oct 2018 23:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.0	34.4
277	28.0	22.0	33.0

