

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003043.D
 Acq On : 10 Oct 2018 00:47
 Operator : MJ/SJ
 Sample : J5157-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD5

Manual Integrations
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Quant Time: Oct 10 02:33:34 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	2008	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	8321	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	4898	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	10234m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	7117m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	6617	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5392	0.42	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	11768m	0.40	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	1348	0.063	ng/ul#	90
7) Acenaphthylene	13.98	152	2005	0.089	ng/ul#	92
12) Phenanthrene	17.06	178	1350m	0.047	ng/ul	
13) Anthracene	17.15	178	2432m	0.090	ng/ul	
15) Fluoranthene	19.09	202	27148m	0.811	ng/ul	
17) Pyrene	19.45	202	32572m	1.178	ng/ul	
18) Benzo(a)anthracene	21.21	228	11779	0.514	ng/ul	98
19) Chrysene	21.26	228	13351	0.574	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	26408m	1.108	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	8547m	0.346	ng/ul	
23) Benzo(a)pyrene	23.34	252	16292	0.763	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.66	276	9157	0.373	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	2743	0.140	ng/ul#	82
26) Benzo(g,h,i)perylene	26.33	276	8631	0.417	ng/ul	99

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

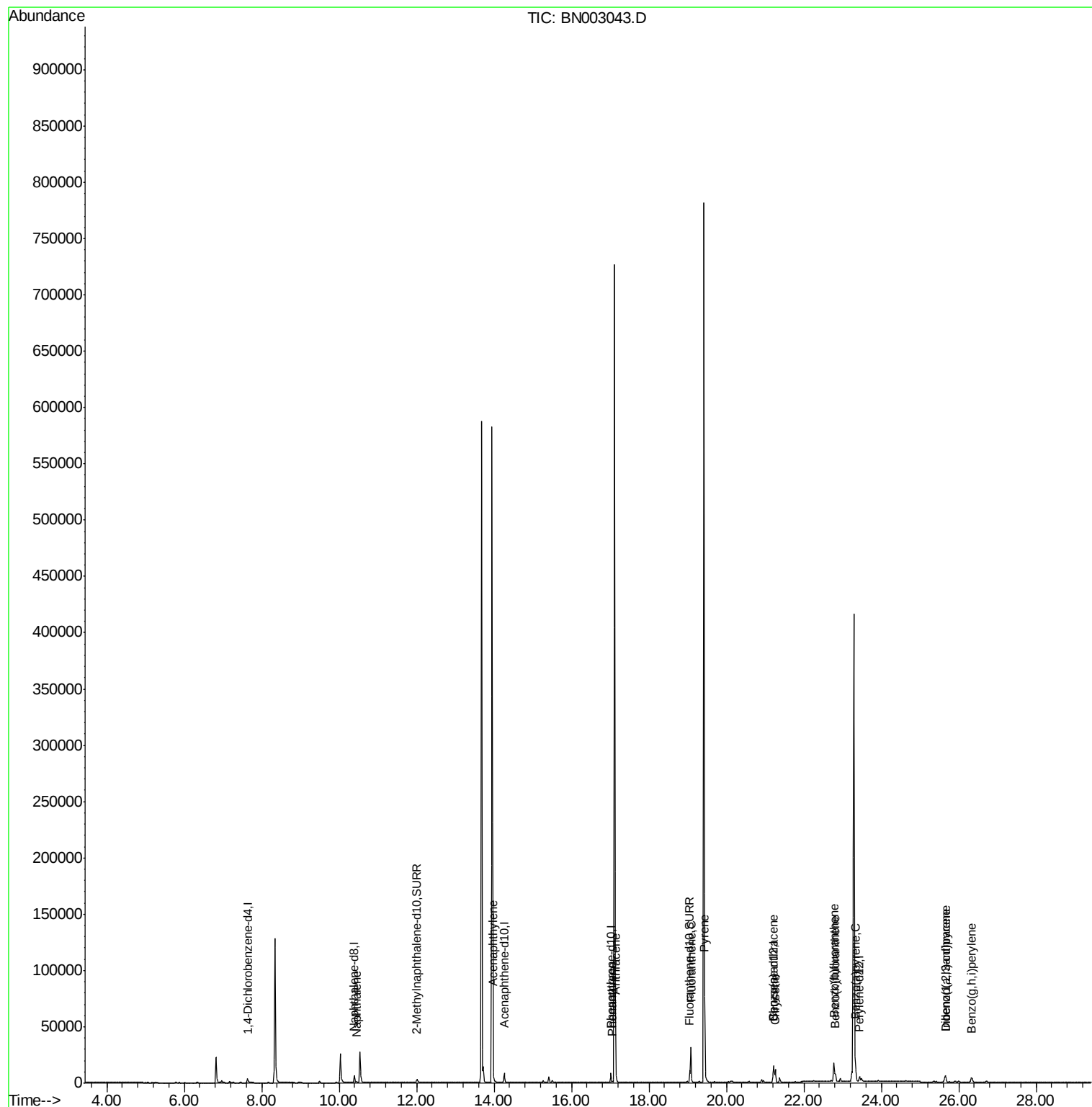
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003043.D
Acq On : 10 Oct 2018 00:47
Operator : MJ/SJ
Sample : J5157-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

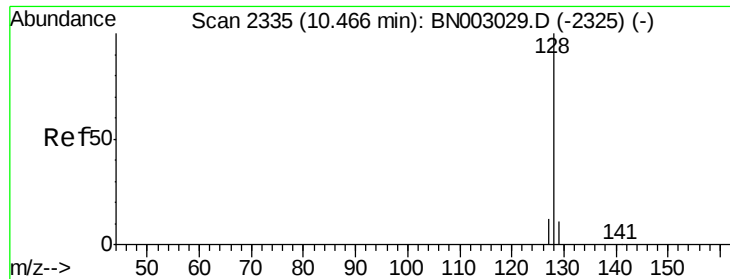
Instrument :
BNA_N
ClientSampleId :
C0AD5

Quant Time: Oct 10 02:33:34 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

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#3

Naphthalene

Concen: 0.063 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.03 min

Lab File: BN003043.D

Acq: 10 Oct 2018 00:47

Instrument :

BNA_N

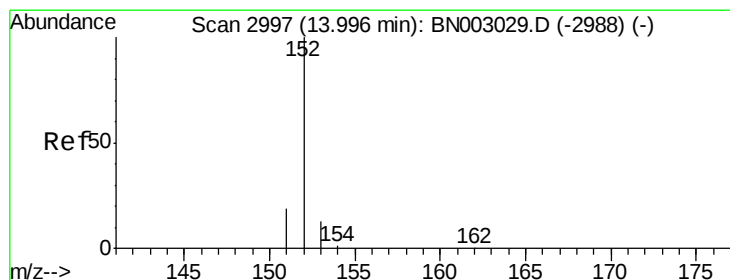
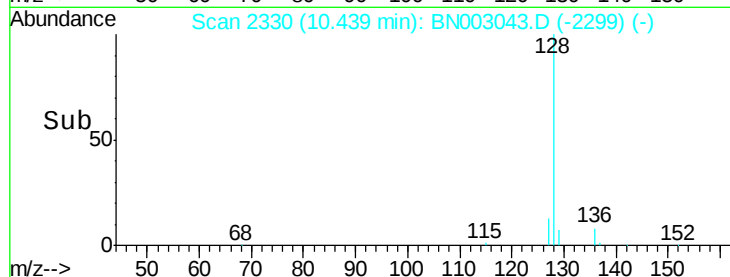
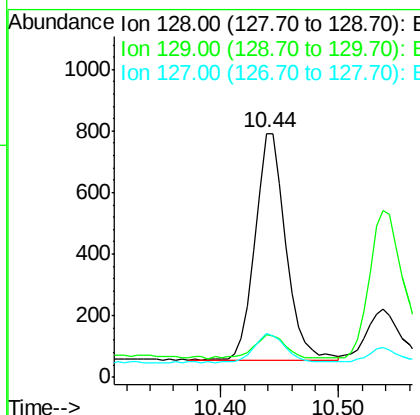
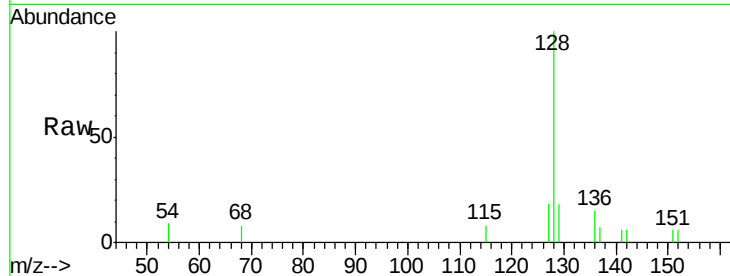
ClientSampled :

C0AD5

Tgt Ion:	128	Resp:	1348
Ion Ratio	Lower	Upper	
128	100		
129	17.7	10.4	15.6#
127	18.1	11.7	17.5#

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#7

Acenaphthylene

Concen: 0.089 ng/ul

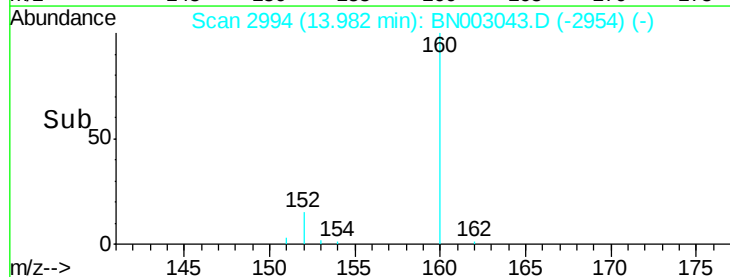
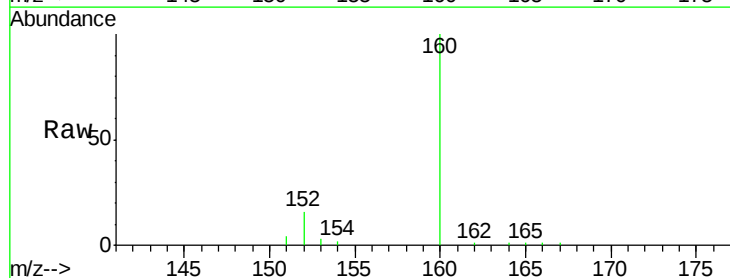
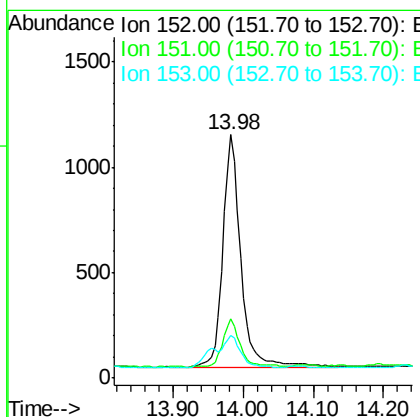
RT: 13.98 min Scan# 2994

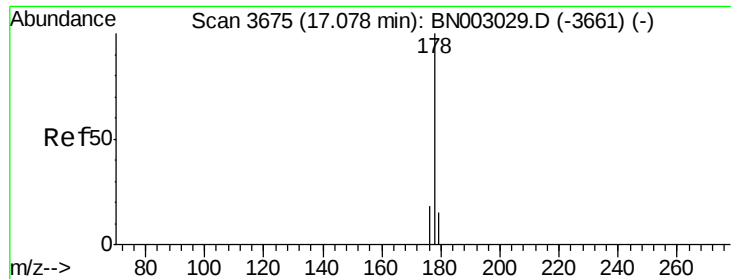
Delta R.T. -0.01 min

Lab File: BN003043.D

Acq: 10 Oct 2018 00:47

Tgt Ion:	152	Resp:	2005
Ion Ratio	Lower	Upper	
152	100		
151	24.2	16.5	24.7
153	17.6	11.4	17.2#





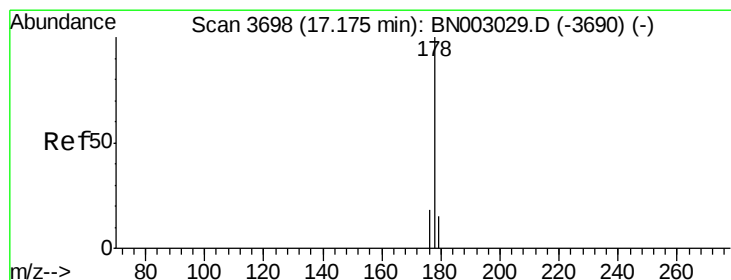
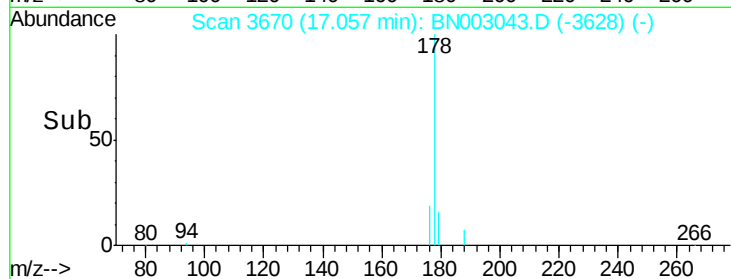
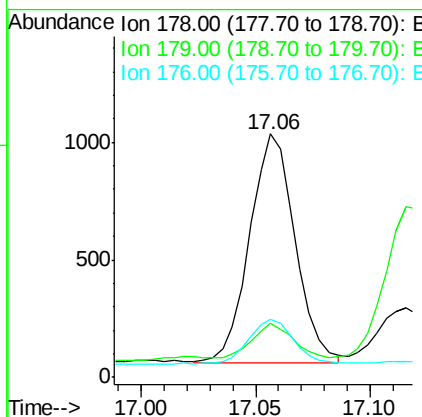
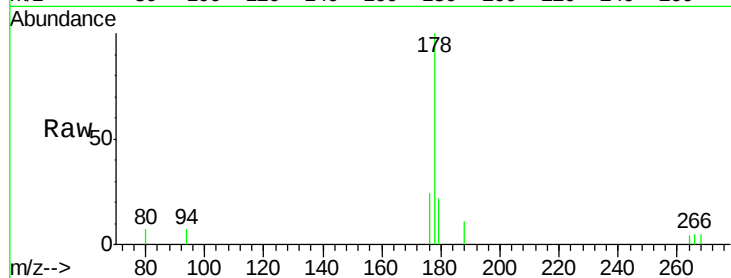
#12
Phenanthrene
Concen: 0.047 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003043.D
Acq: 10 Oct 2018 00:47

Instrument :
BNA_N
ClientSampleId :
C0AD5

Tgt Ion:178 Resp: 1350
Ion Ratio Lower Upper
178 100
179 22.0 12.9 19.3#
176 23.6 15.4 23.2#

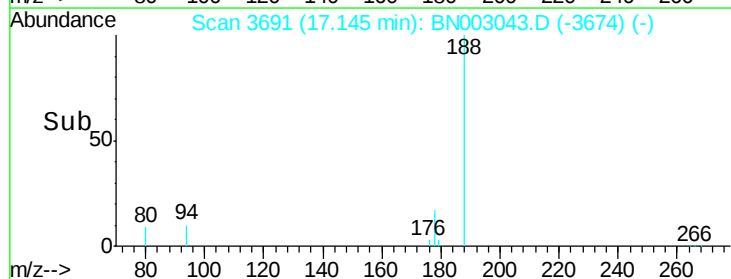
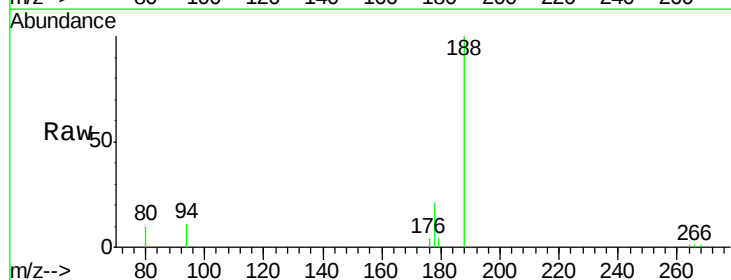
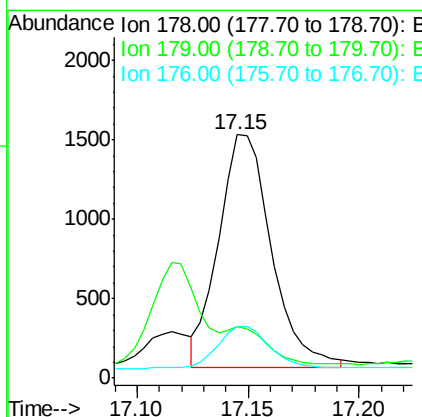
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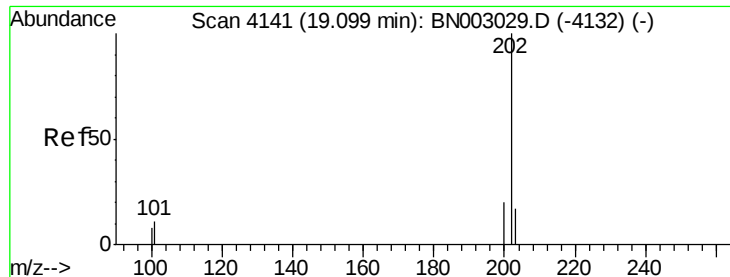
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#13
Anthracene
Concen: 0.090 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003043.D
Acq: 10 Oct 2018 00:47

Tgt Ion:178 Resp: 2432
Ion Ratio Lower Upper
178 100
179 20.9 13.0 19.6#
176 21.0 15.3 22.9





#15

Fluoranthene

Concen: 0.811 ng/ul m

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003043.D

Acq: 10 Oct 2018 00:47

Instrument :

BNA_N

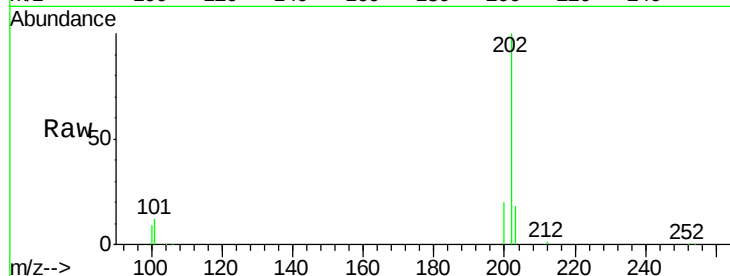
ClientSampleId :

C0AD5

Tgt Ion:	202	Resp:	27148
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	32.3
100	8.9	0.0	29.1

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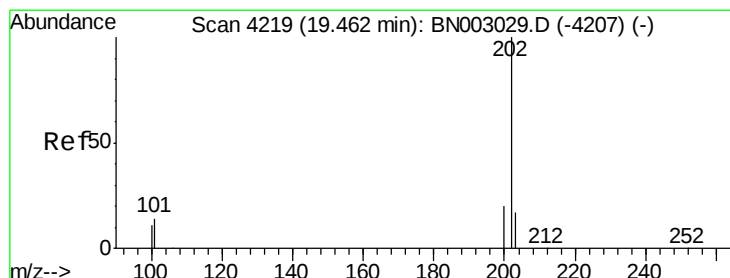
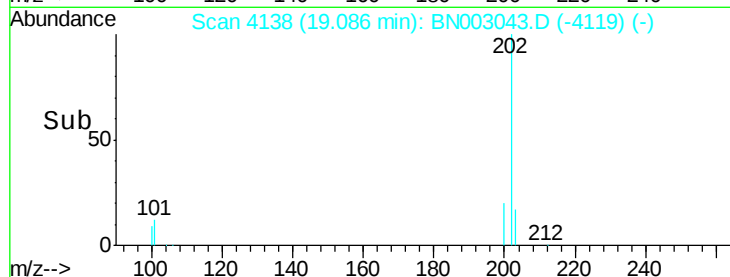
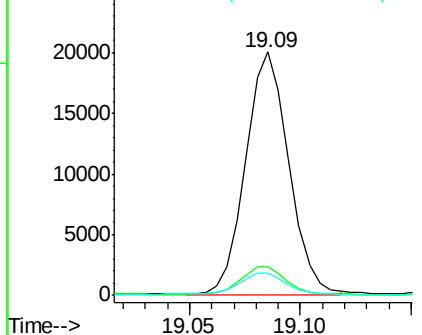
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 1.178 ng/ul m

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003043.D

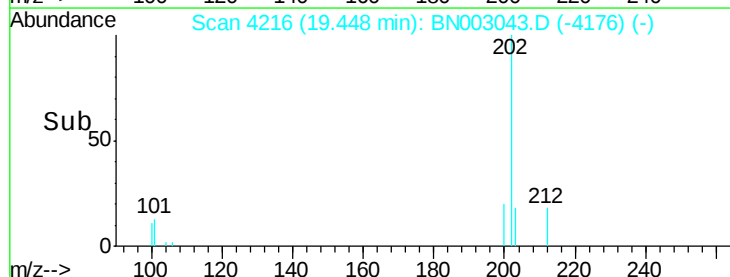
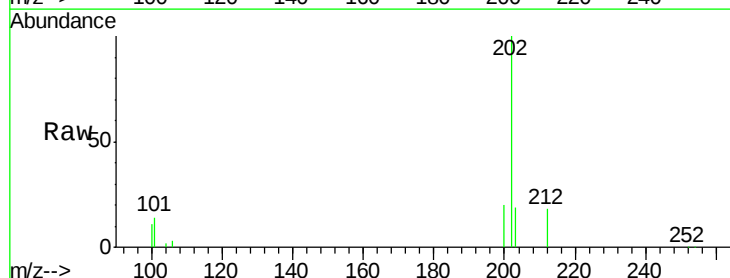
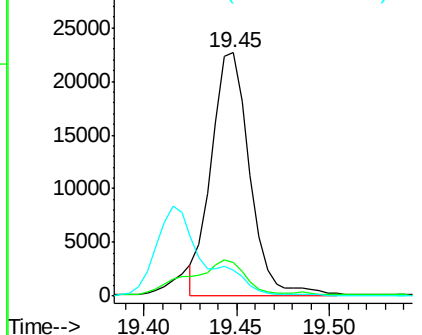
Acq: 10 Oct 2018 00:47

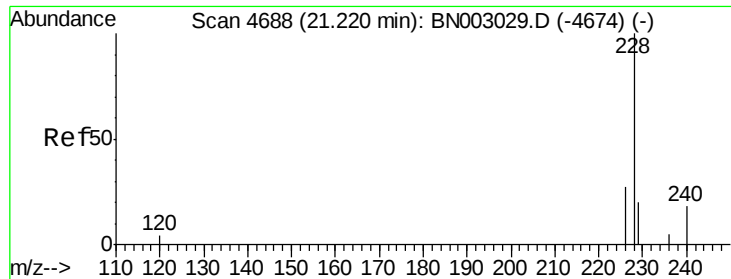
Tgt Ion:	202	Resp:	32572
Ion Ratio	Lower	Upper	
202	100		
101	13.8	11.9	17.9
100	10.8	9.9	14.9

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





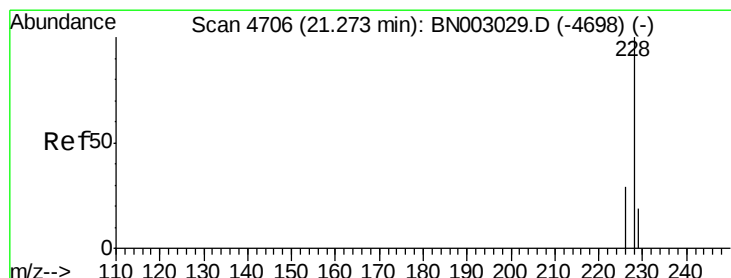
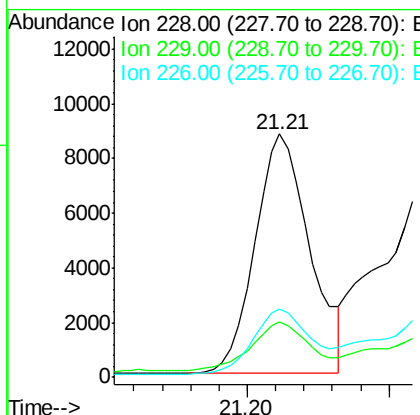
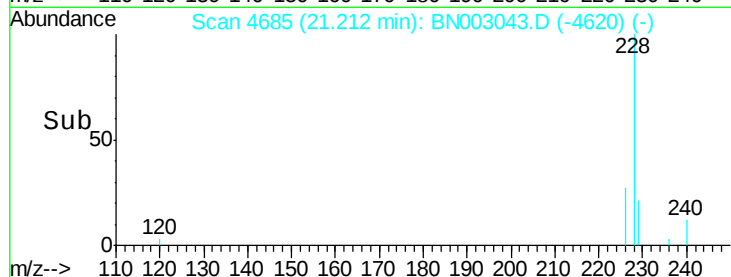
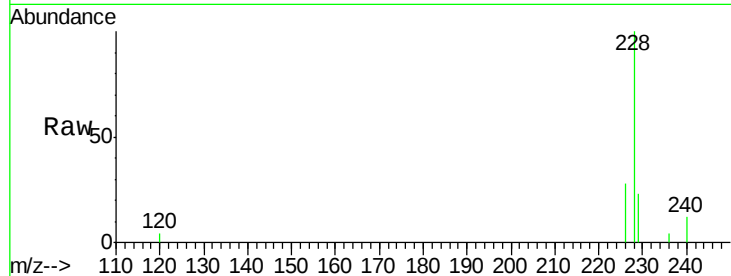
#18
Benzo(a)anthracene
Concen: 0.514 ng/ul
RT: 21.21 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN003043.D
Acq: 10 Oct 2018 00:47

Instrument :
BNA_N
ClientSampleId :
C0AD5

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.7	16.2	24.2
226	28.0	22.3	33.5

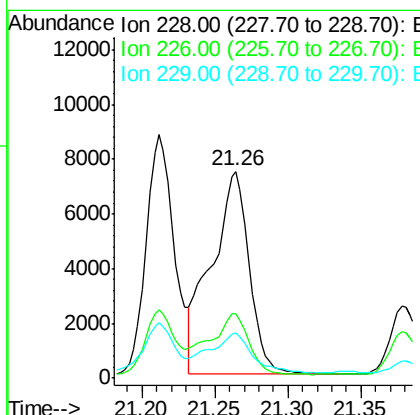
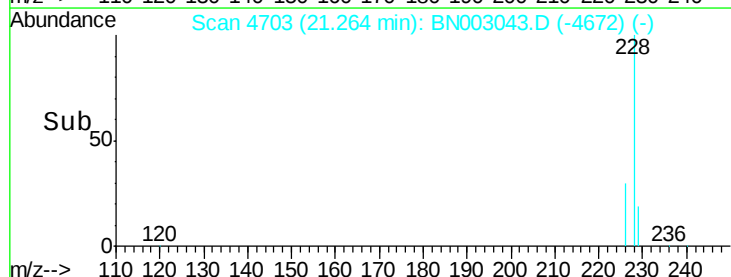
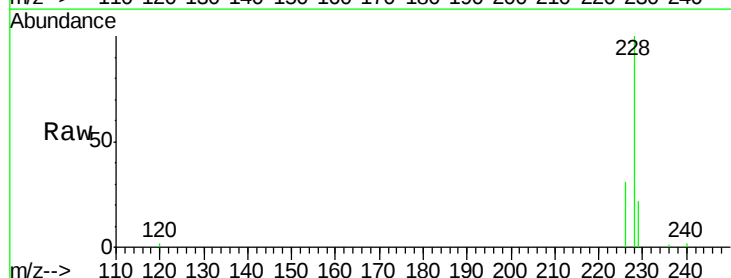
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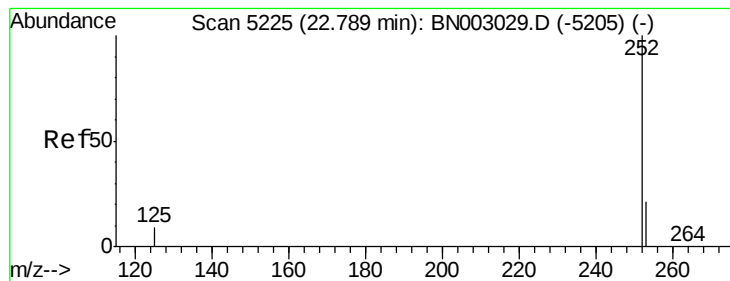
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#19
Chrysene
Concen: 0.574 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BN003043.D
Acq: 10 Oct 2018 00:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	22.0	16.7	25.1





#21

Benzo(b)fluoranthene

Concen: 1.108 ng/ul m

RT: 22.78 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN003043.D

Acq: 10 Oct 2018 00:47

Instrument :

BNA_N

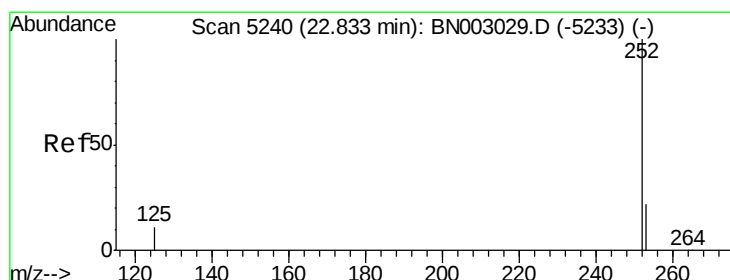
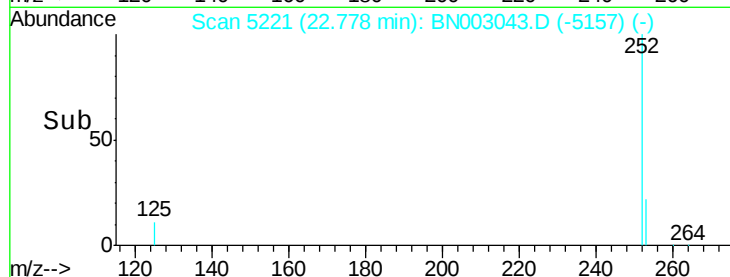
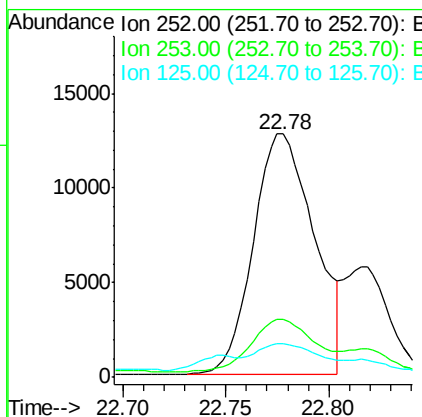
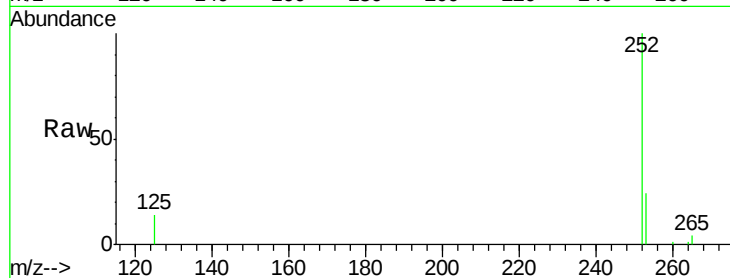
ClientSampleId :

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Tgt Ion:	252	Resp:	26408
Ion Ratio	Lower	Upper	
252	100		
253	23.9	0.0	53.2
125	13.9	0.0	34.2

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#22

Benzo(k)fluoranthene

Concen: 0.346 ng/ul m

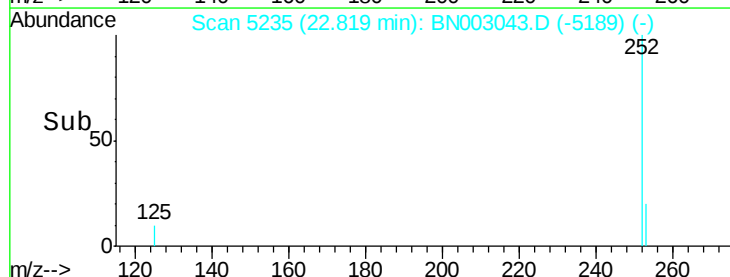
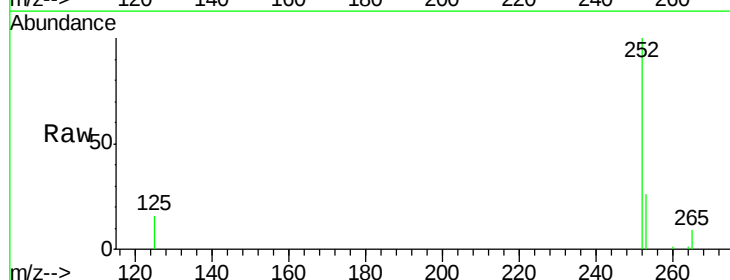
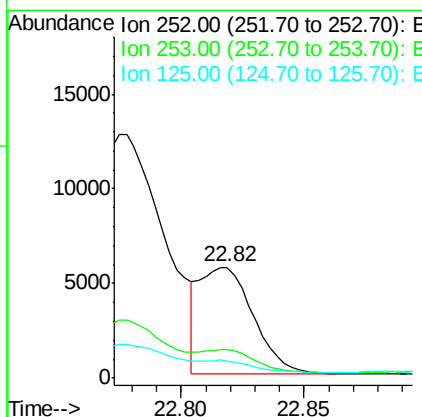
RT: 22.82 min Scan# 5235

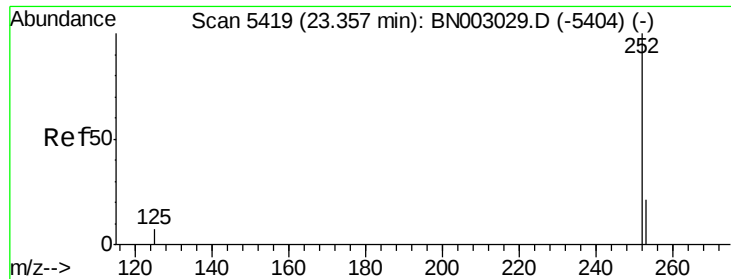
Delta R.T. -0.01 min

Lab File: BN003043.D

Acq: 10 Oct 2018 00:47

Tgt Ion:	252	Resp:	8547
Ion Ratio	Lower	Upper	
252	100		
253	25.6	21.3	31.9
125	15.6	14.1	21.1





#23

Benzo(a)pyrene

Concen: 0.763 ng/ul

RT: 23.34 min Scan# 5412

Delta R.T. -0.02 min

Lab File: BN003043.D

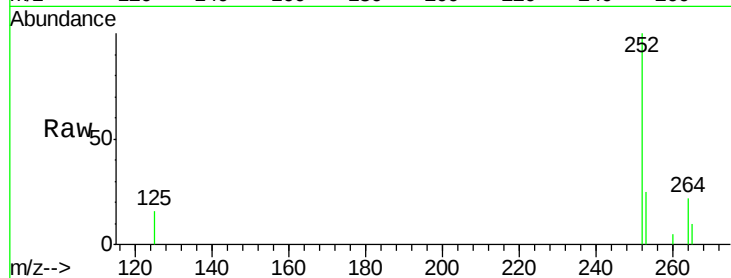
Acq: 10 Oct 2018 00:47

Instrument :

BNA_N

ClientSampleId :

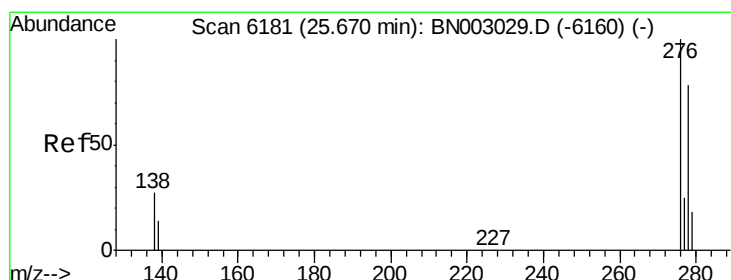
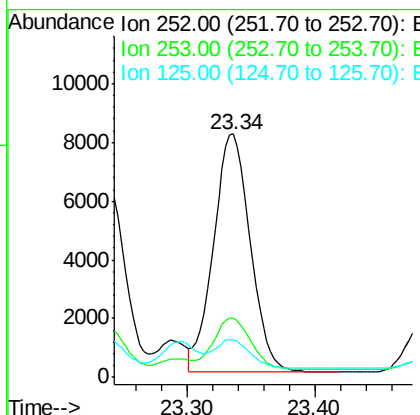
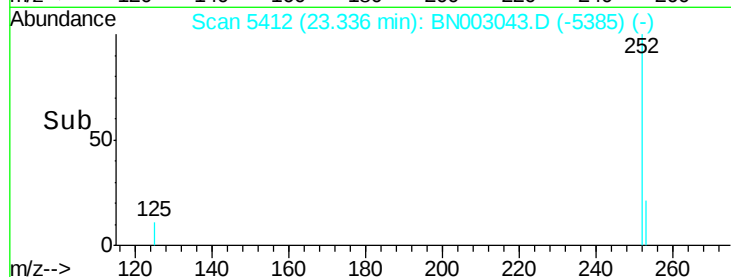
C0AD5



Tgt Ion:	252	Resp:	16292
Ion Ratio	Lower	Upper	
252	100		
253	24.6	23.1	34.7
125	15.6	16.9	25.3#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.373 ng/ul

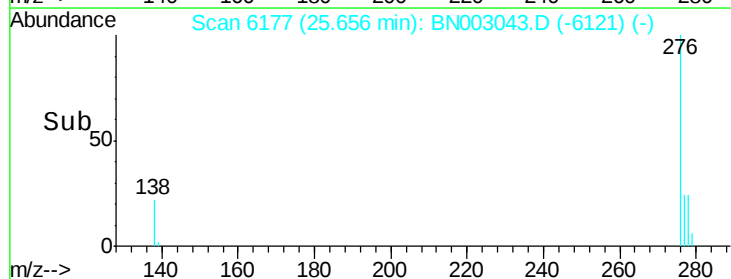
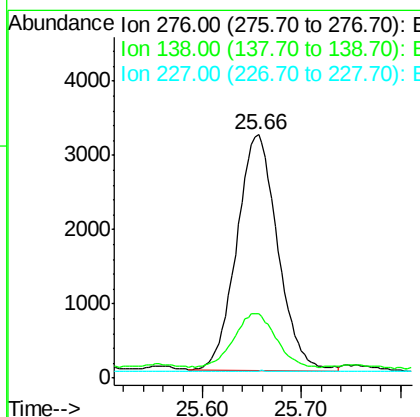
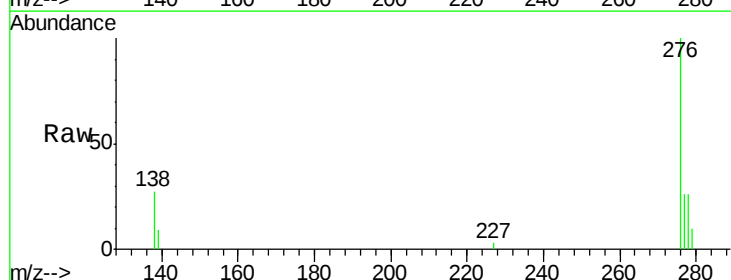
RT: 25.66 min Scan# 6177

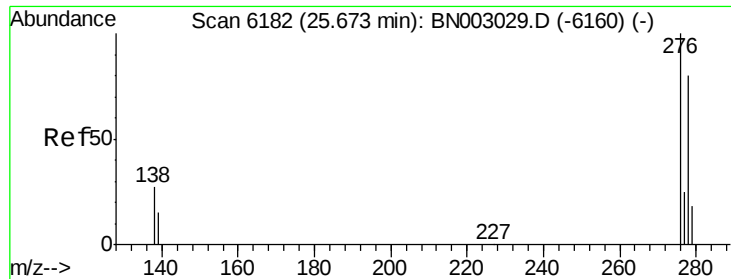
Delta R.T. -0.01 min

Lab File: BN003043.D

Acq: 10 Oct 2018 00:47

Tgt Ion:	276	Resp:	9157
Ion Ratio	Lower	Upper	
276	100		
138	23.4	21.5	32.3
227	0.1	0.3	0.5#





#25

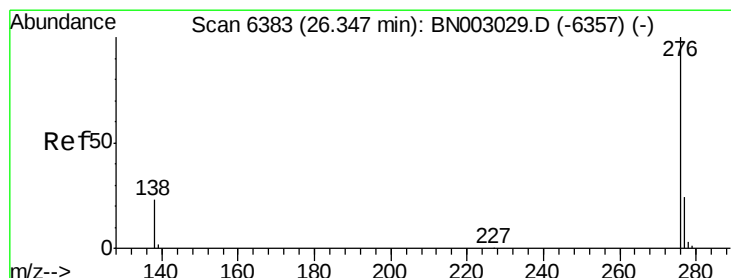
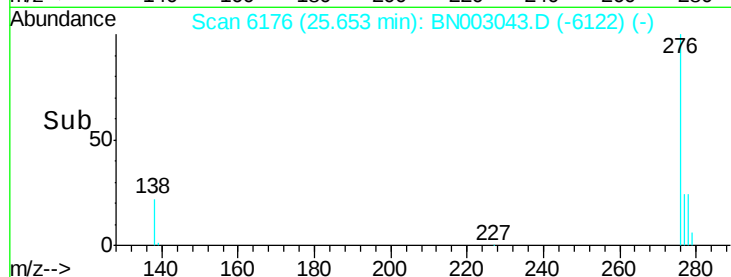
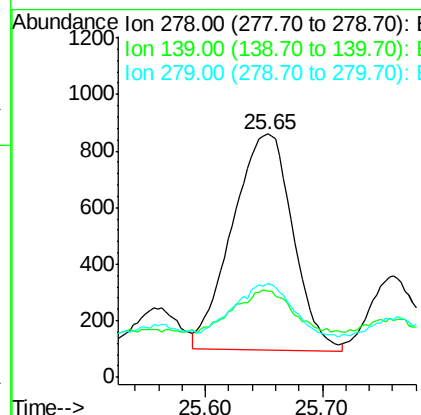
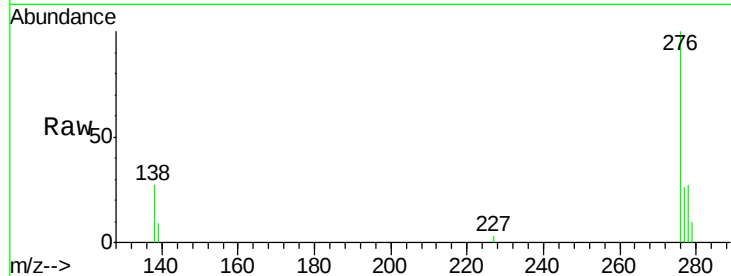
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.02 min
Lab File: BN003043.D
Acq: 10 Oct 2018 00:47

Instrument :
BNA_N
ClientSampled :
C0AD5

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.5	20.2	30.4#
279	38.4	23.8	35.8#

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#26

Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.33 min Scan# 6378
Delta R.T. -0.02 min
Lab File: BN003043.D
Acq: 10 Oct 2018 00:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	23.0	34.4
277	27.2	22.0	33.0

