

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012683.D
 Acq On : 21 Nov 2020 13:01
 Operator : CG/JU
 Sample : L4710-09DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BE9DL

Manual Integrations
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Quant Time: Nov 23 01:49:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 01:22:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1083	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4496	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2466	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4999	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4361	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4441	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.82	152	224	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	449	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.82	152	498	0.041	ng/ul#	76
9) Fluorene	15.16	166	274	0.025	ng/ul#	91
12) Phenanthrene	16.89	178	11279	0.648	ng/ul	96
13) Anthracene	16.98	178	1777	0.118	ng/ul	97
15) Fluoranthene	18.92	202	62161	3.095	ng/ul	98
17) Pyrene	19.29	202	55077	2.823	ng/ul	100
18) Benzo(a)anthracene	21.05	228	33543	2.146	ng/ul	99
19) Chrysene	21.10	228	45946	2.354	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	65536m	3.208	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	25131m	1.067	ng/ul	
23) Benzo(a)pyrene	23.09	252	42364	2.203	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.26	276	32269	1.283	ng/ul	98
25) Dibenzo(a,h)anthracene	25.27	278	7871	0.390	ng/ul	97
26) Benzo(g,h,i)perylene	25.89	276	31404	1.388	ng/ul	96

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

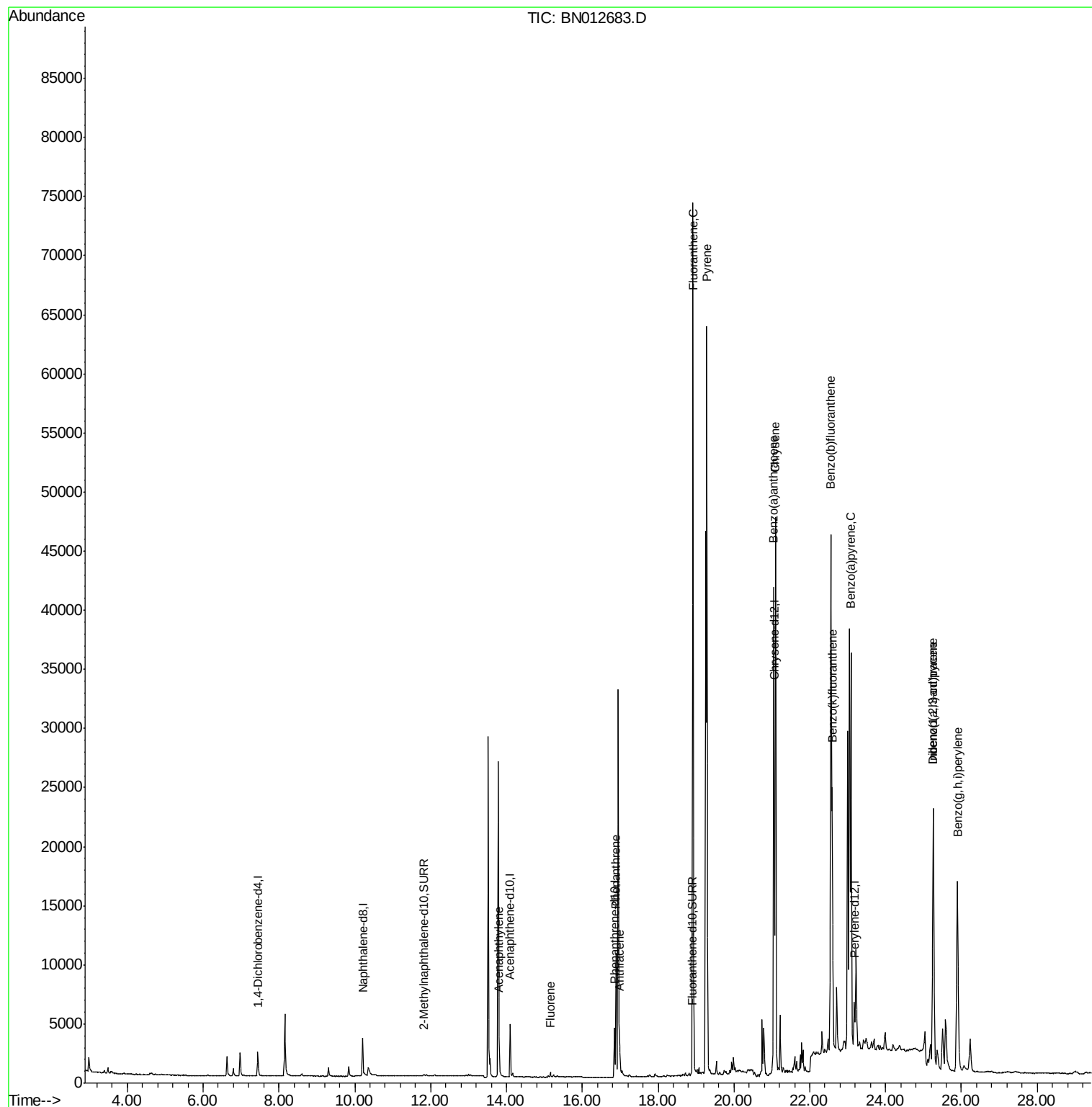
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012683.D
Acq On : 21 Nov 2020 13:01
Operator : CG/JU
Sample : L4710-09DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

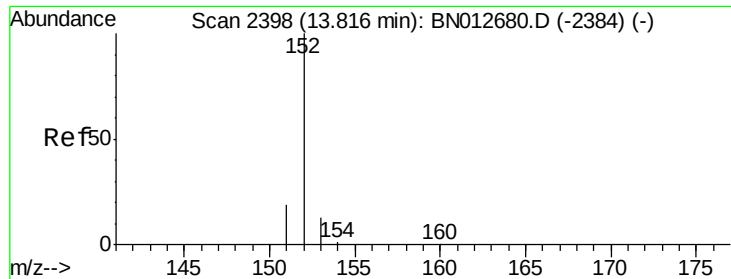
Instrument :
BNA_N
ClientSampleId :
C0BE9DL

Quant Time: Nov 23 01:49:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 13.82 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN012683.D

Acq: 21 Nov 2020 13:01

Instrument :

BNA_N

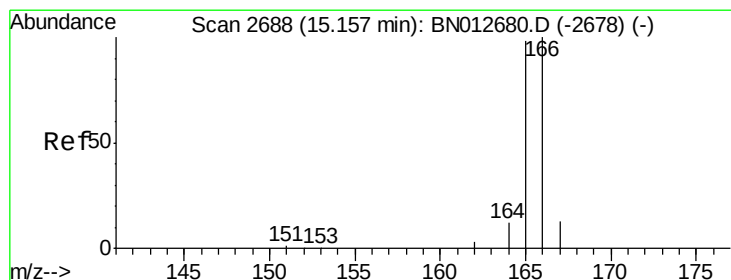
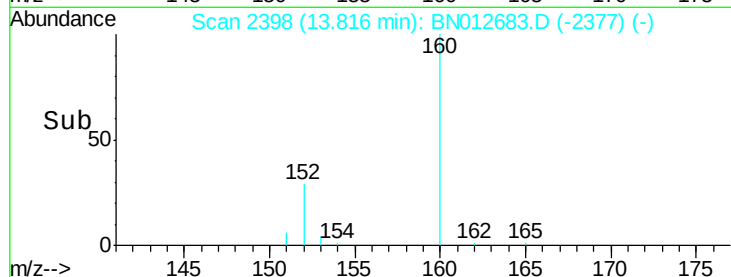
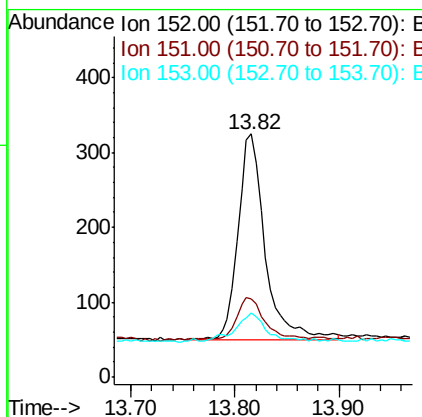
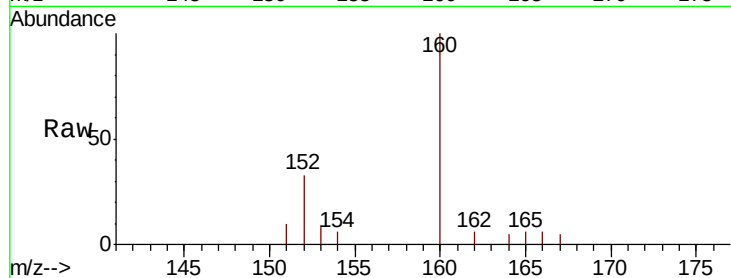
ClientSampleId :

C0BE9DL

Tot Ion:	152	Resp:	498
Ion Ratio	Lower	Upper	
152	100		
151	32.0	17.1	25.7#
153	26.5	12.6	19.0#

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#9

Fluorene

Concen: 0.025 ng/ul

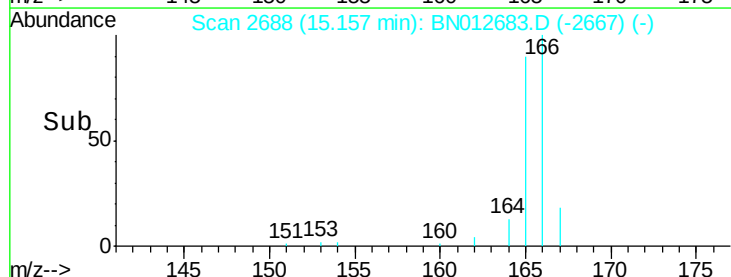
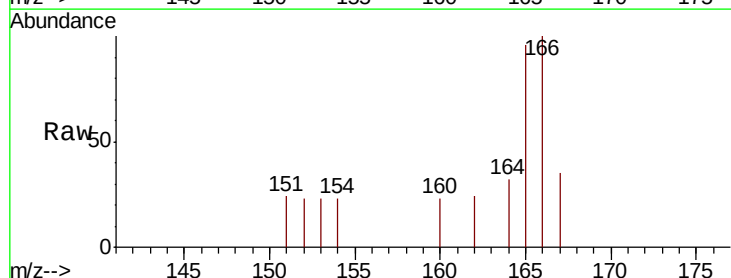
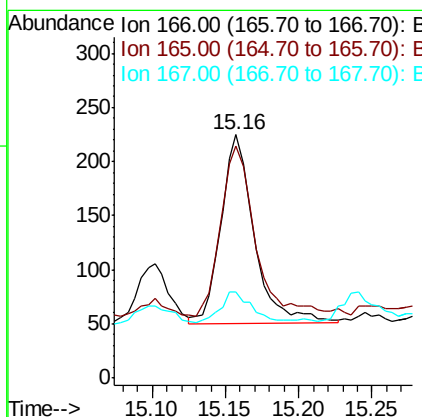
RT: 15.16 min Scan# 2688

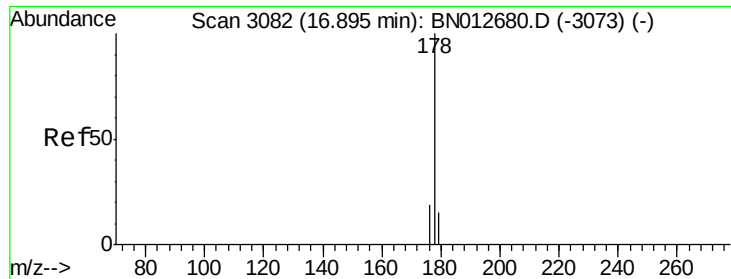
Delta R.T. -0.00 min

Lab File: BN012683.D

Acq: 21 Nov 2020 13:01

Tgt Ion:	166	Resp:	274
Ion Ratio	Lower	Upper	
166	100		
165	95.6	78.5	117.7
167	35.1	12.7	19.1#





#12

Phenanthrene

Concen: 0.648 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BN012683.D

Acq: 21 Nov 2020 13:01

Instrument :

BNA_N

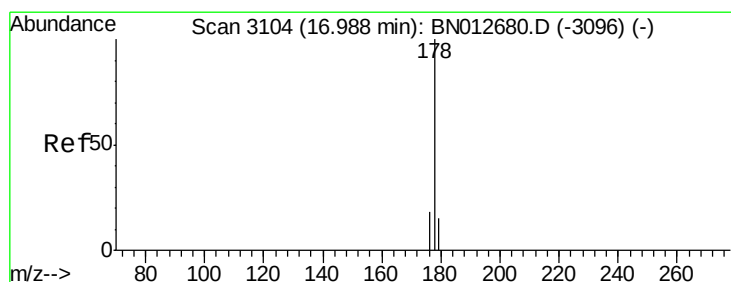
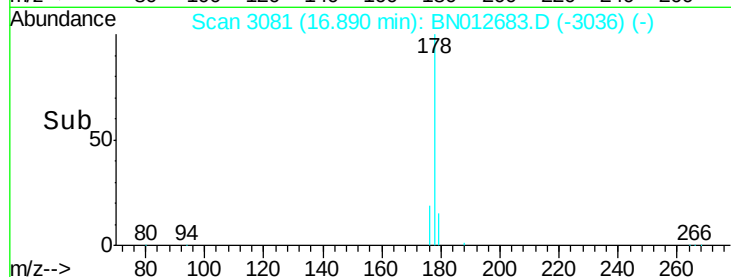
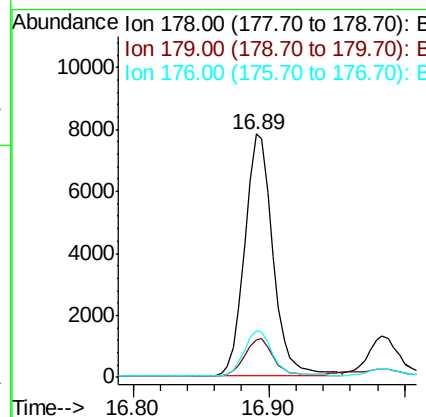
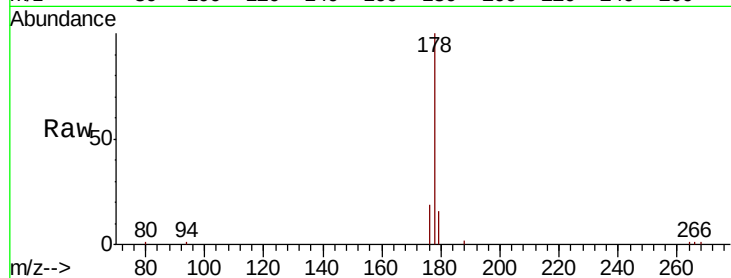
ClientSampleId :

C0BE9DL

Tot Ion:178	Resp:	11279
Ion Ratio	Lower	Upper
178	100	
179	15.6	13.8 20.6
176	19.2	16.7 25.1

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#13

Anthracene

Concen: 0.118 ng/ul

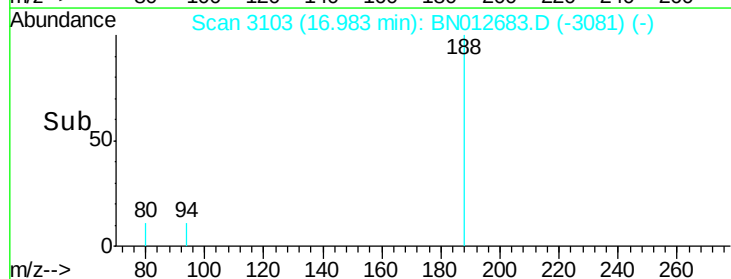
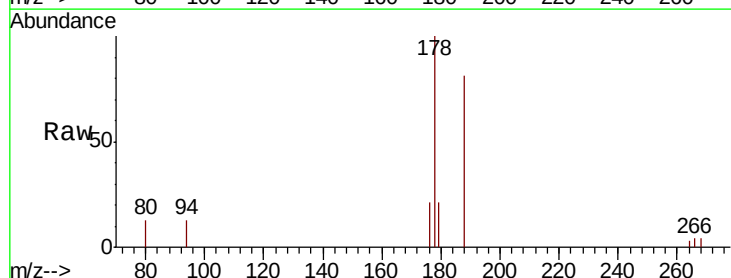
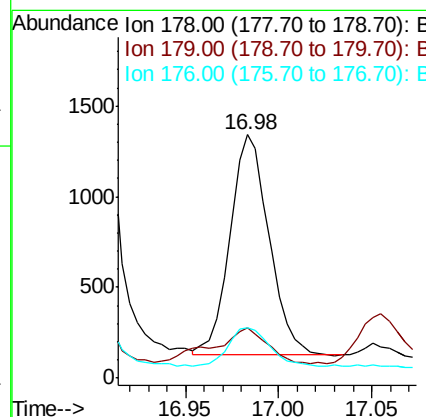
RT: 16.98 min Scan# 3103

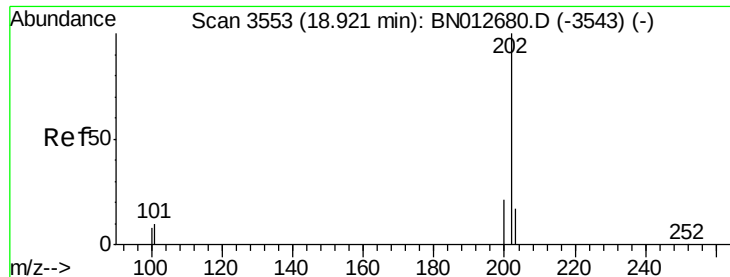
Delta R.T. -0.01 min

Lab File: BN012683.D

Acq: 21 Nov 2020 13:01

Tgt Ion:178	Resp:	1777
Ion Ratio	Lower	Upper
178	100	
179	20.9	14.8 22.2
176	20.9	16.3 24.5





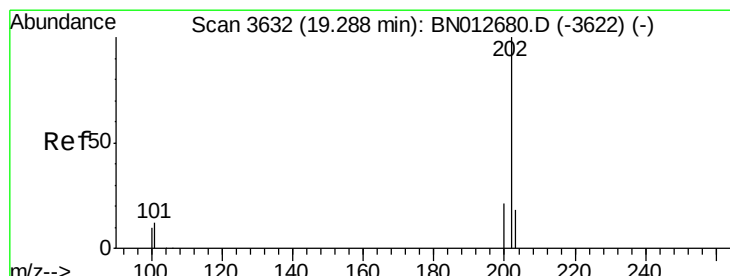
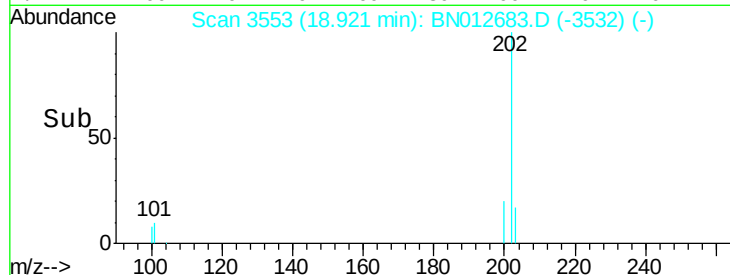
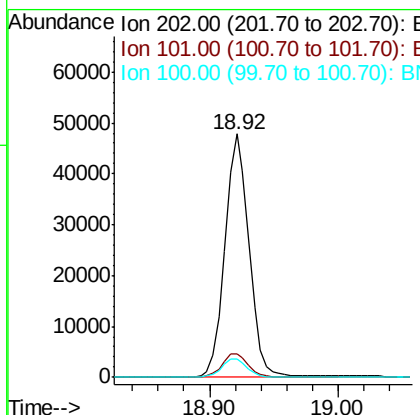
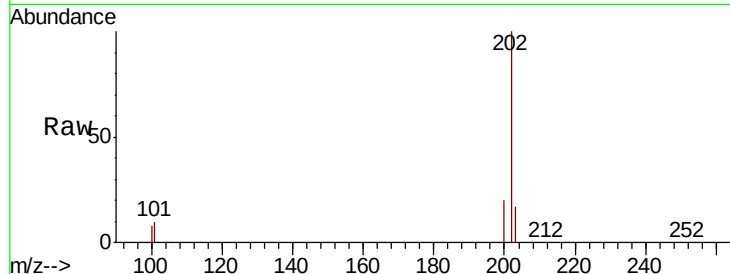
#15
Fluoranthene
Concen: 3.095 ng/ul
RT: 18.92 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BN012683.D
Acq: 21 Nov 2020 13:01

Instrument :
BNA_N
ClientSampleId :
C0BE9DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	30.5
100	7.6	0.0	28.4

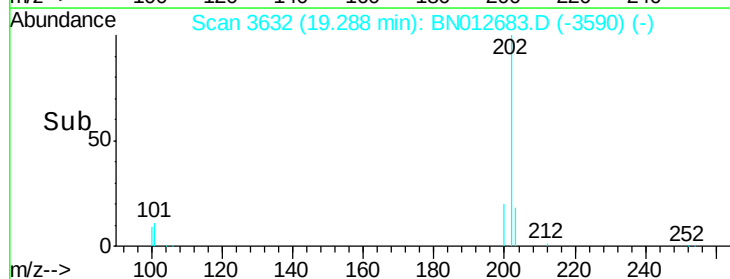
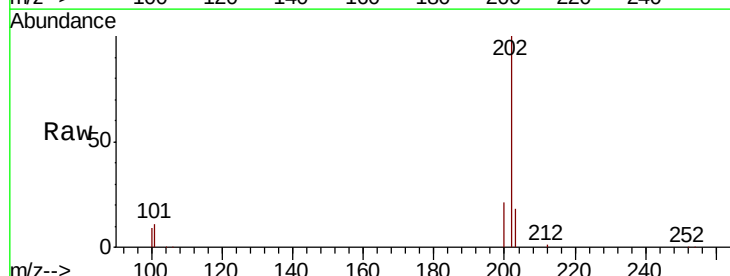
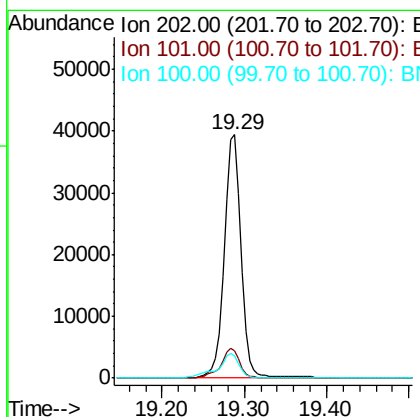
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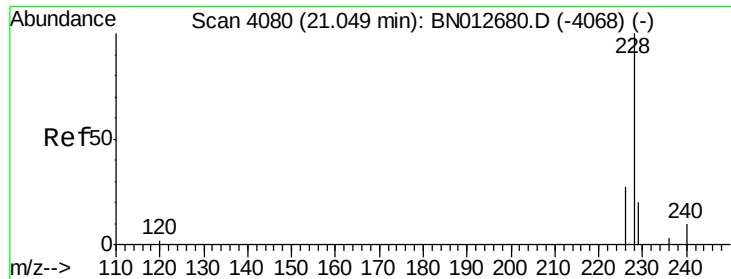
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#17
Pyrene
Concen: 2.823 ng/ul
RT: 19.29 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BN012683.D
Acq: 21 Nov 2020 13:01

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	8.9	13.3
100	9.2	7.4	11.2





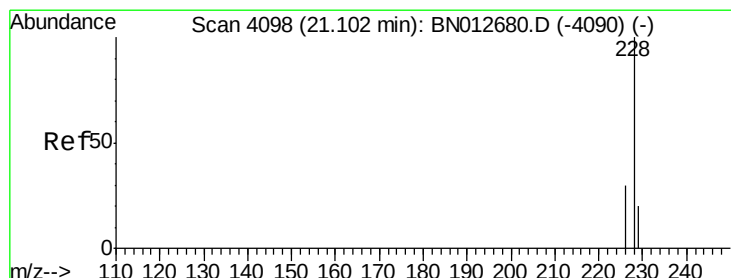
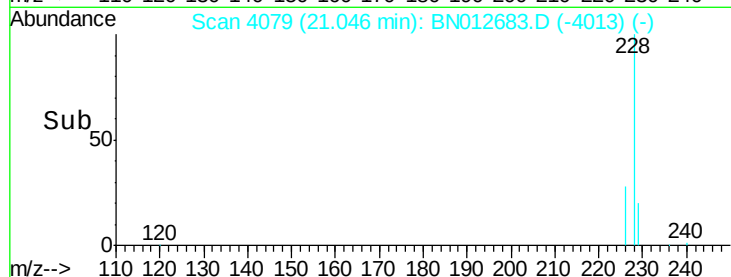
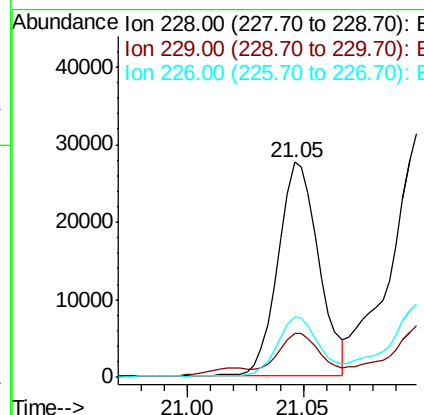
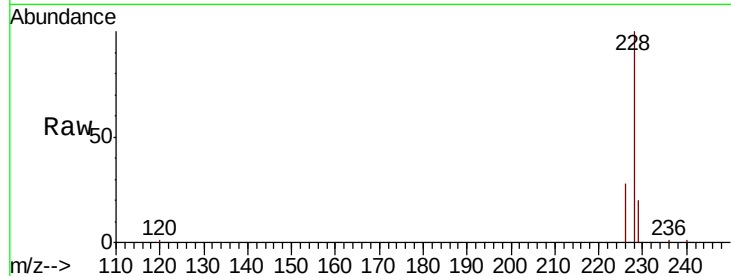
#18
Benzo(a)anthracene
Concen: 2.146 ng/ul
RT: 21.05 min Scan# 4079
Delta R.T. -0.01 min
Lab File: BN012683.D
Acq: 21 Nov 2020 13:01

Instrument :
BNA_N
ClientSampleId :
C0BE9DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.9	25.3
226	28.1	23.1	34.7

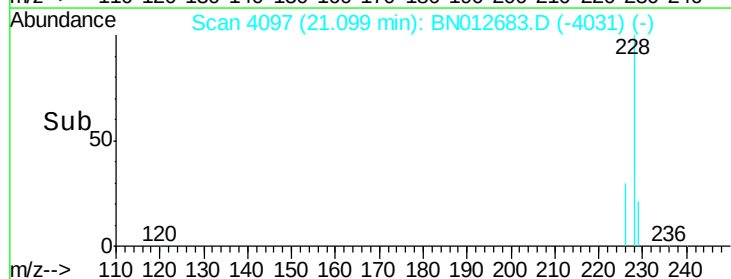
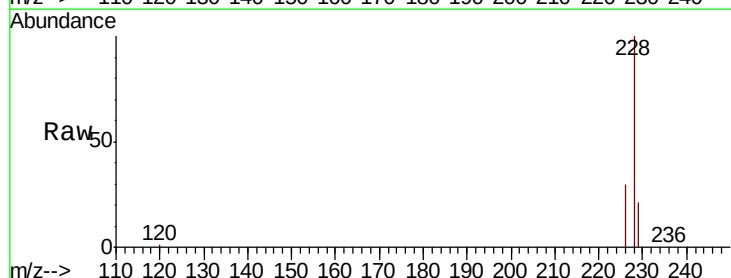
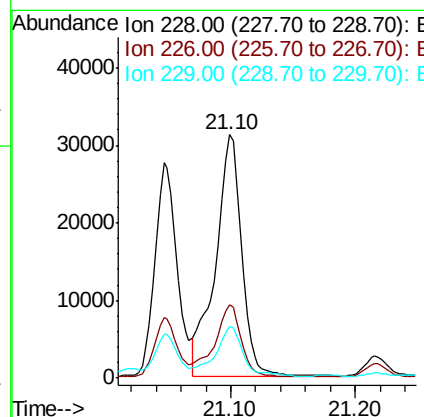
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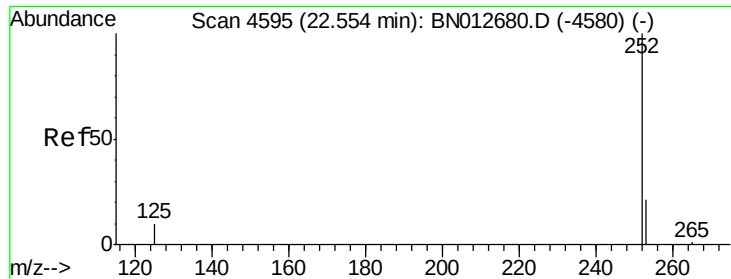
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#19
Chrysene
Concen: 2.354 ng/ul
RT: 21.10 min Scan# 4097
Delta R.T. -0.01 min
Lab File: BN012683.D
Acq: 21 Nov 2020 13:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	21.1	16.1	24.1





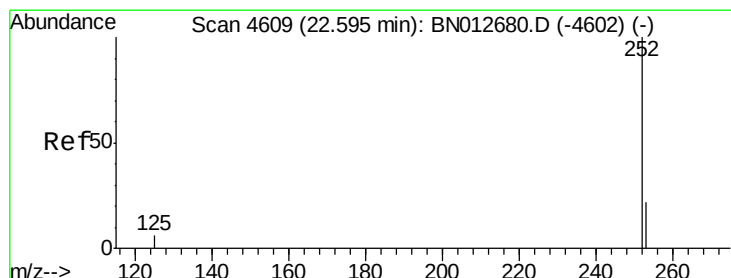
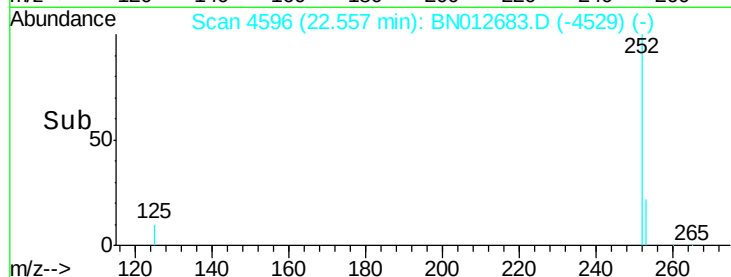
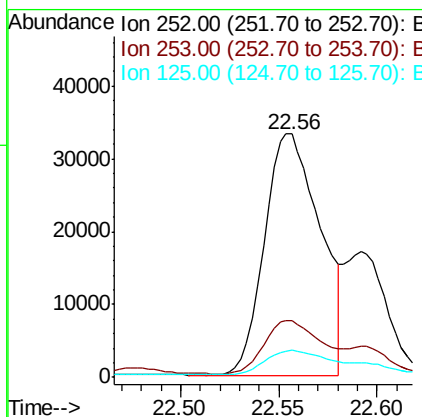
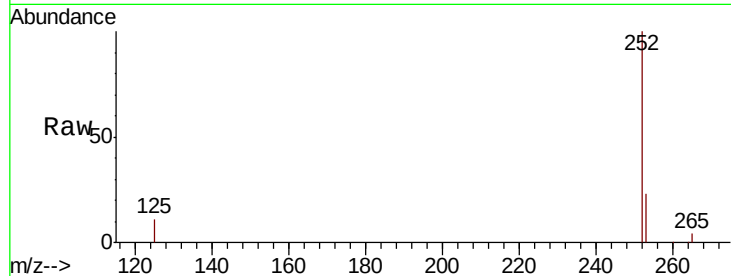
#21
Benzo(b)fluoranthene
Concen: 3.208 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012683.D
Acq: 21 Nov 2020 13:01

Instrument :
BNA_N
ClientSampleId :
C0BE9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	58.4
125	11.0	0.0	28.6

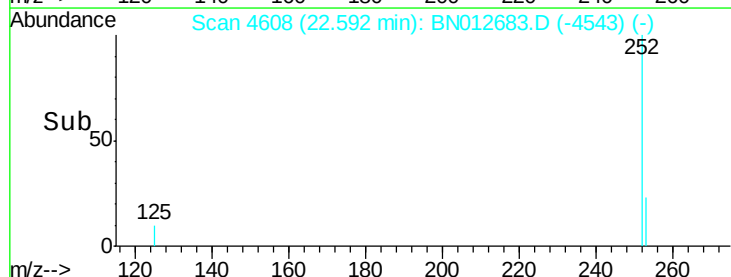
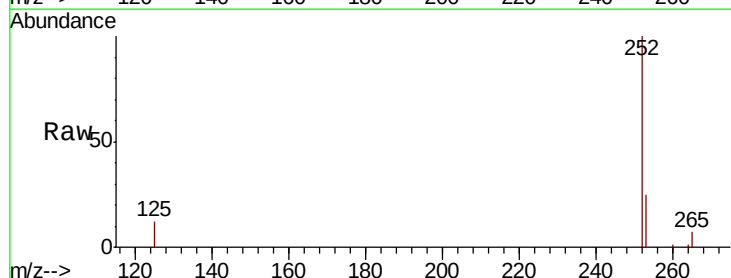
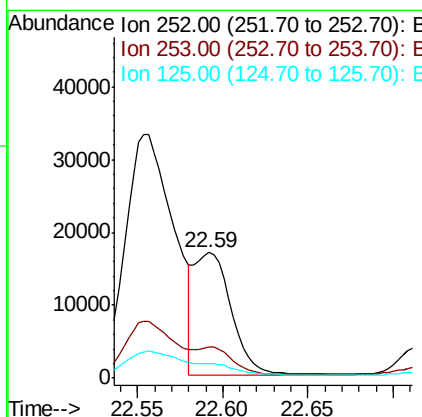
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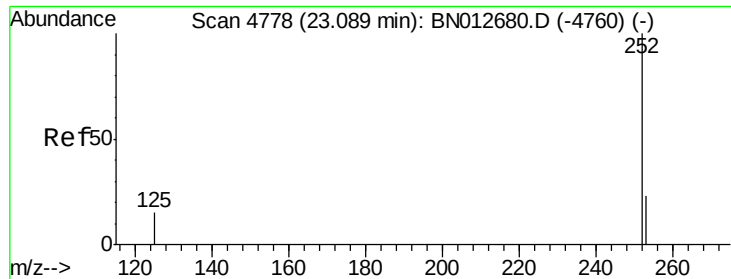
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#22
Benzo(k)fluoranthene
Concen: 1.067 ng/ul m
RT: 22.59 min Scan# 4608
Delta R.T. -0.01 min
Lab File: BN012683.D
Acq: 21 Nov 2020 13:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	23.4	35.2
125	11.9	10.2	15.2





#23

Benzo(a)pyrene

Concen: 2.203 ng/ul

RT: 23.09 min Scan# 4777

Delta R.T. -0.01 min

Lab File: BN012683.D

Acq: 21 Nov 2020 13:01

Instrument :

BNA_N

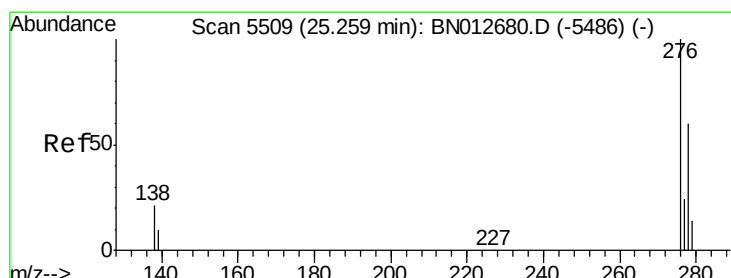
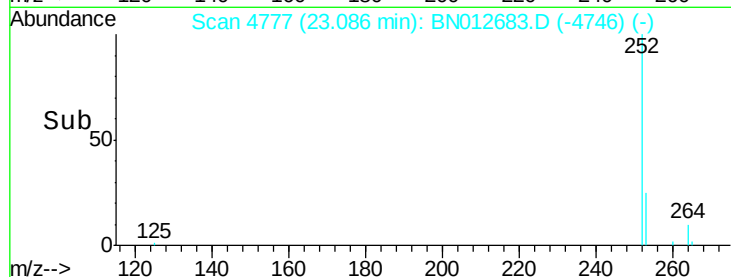
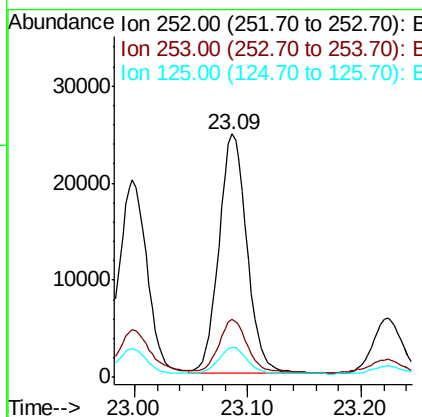
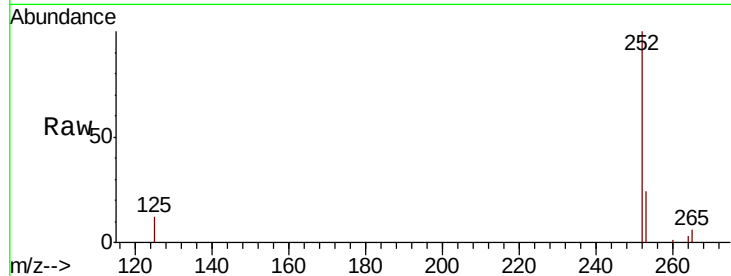
ClientSampleId :

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Tot Ion:	252	Resp:	42364
Ion Ratio	Lower	Upper	
252	100		
253	23.9	27.6	41.4#
125	12.1	17.0	25.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.283 ng/ul

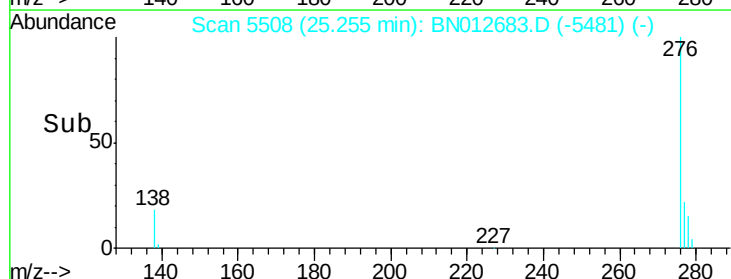
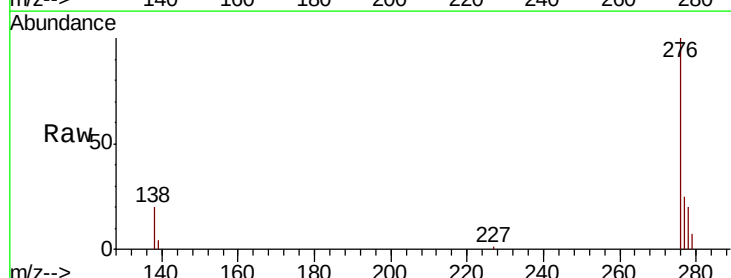
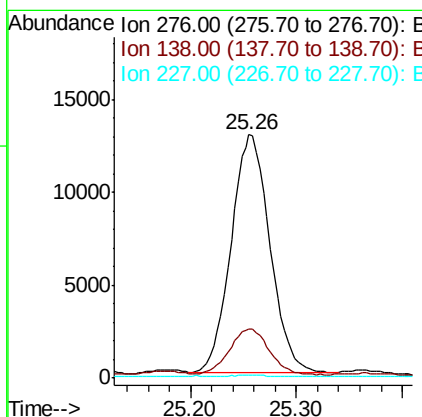
RT: 25.26 min Scan# 5508

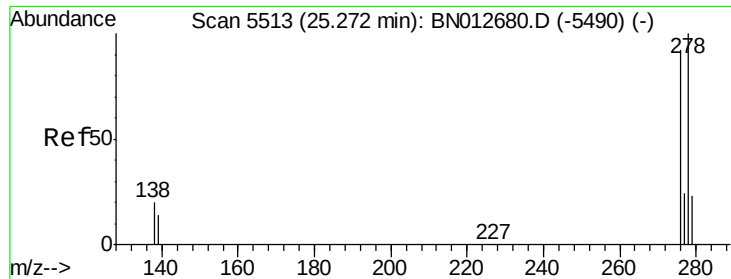
Delta R.T. -0.01 min

Lab File: BN012683.D

Acq: 21 Nov 2020 13:01

Tgt Ion:	276	Resp:	32269
Ion Ratio	Lower	Upper	
276	100		
138	19.9	16.5	24.7
227	0.1	0.1	0.1





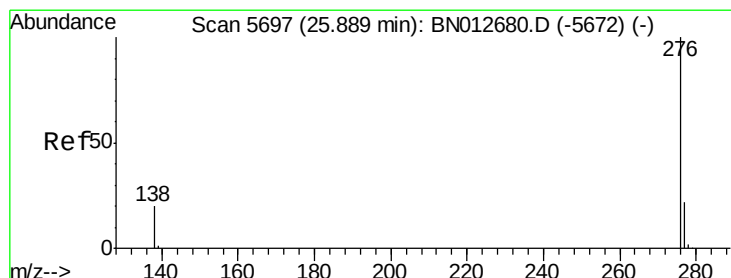
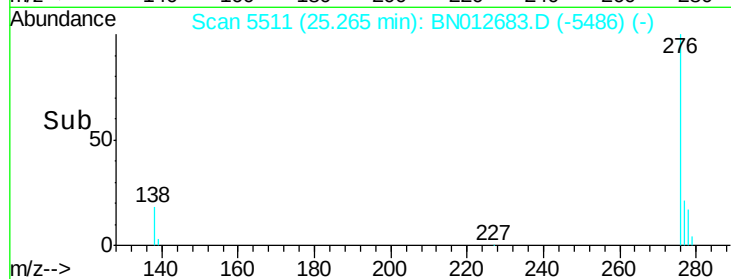
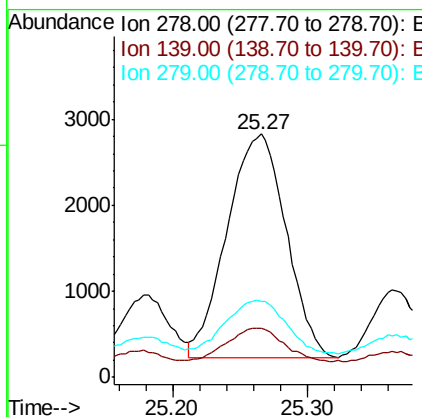
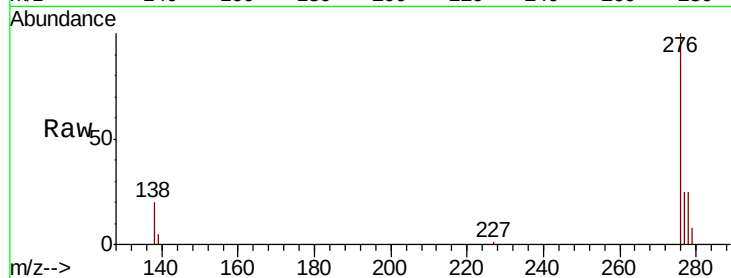
#25
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 25.27 min Scan# 5511
Delta R.T. -0.02 min
Lab File: BN012683.D
Acq: 21 Nov 2020 13:01

Instrument :
BNA_N
ClientSampleId :
C0BE9DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.8	20.8
279	31.3	25.6	38.4

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#26
Benzo(g,h,i)perylene
Concen: 1.388 ng/ul
RT: 25.89 min Scan# 5698
Delta R.T. -0.01 min
Lab File: BN012683.D
Acq: 21 Nov 2020 13:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.3	24.5
277	24.3	21.8	32.8

