

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012688.D
 Acq On : 21 Nov 2020 16:02
 Operator : CG/JU
 Sample : L4710-13DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B35DL

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Quant Time: Nov 23 02:37:39 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	1240	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4786	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2591	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5165	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4902	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	5015	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	251	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	581	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	530	0.042	ng/ul#	75
8) Acenaphthene	14.16	153	379	0.036	ng/ul	91
9) Fluorene	15.16	166	518	0.044	ng/ul#	95
12) Phenanthrene	16.89	178	20719	1.153	ng/ul	96
13) Anthracene	16.98	178	3676	0.235	ng/ul	99
15) Fluoranthene	18.92	202	116696	5.624	ng/ul	99
17) Pyrene	19.29	202	101699	4.638	ng/ul	99
18) Benzo(a)anthracene	21.05	228	69452	3.954	ng/ul	98
19) Chrysene	21.10	228	91495	4.170	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	132646m	5.750	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	44846m	1.686	ng/ul	
23) Benzo(a)pyrene	23.09	252	83528	3.847	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.25	276	63340	2.231	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.26	278	15902	0.697	ng/ul	95
26) Benzo(g,h,i)perylene	25.89	276	58866	2.304	ng/ul	96

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

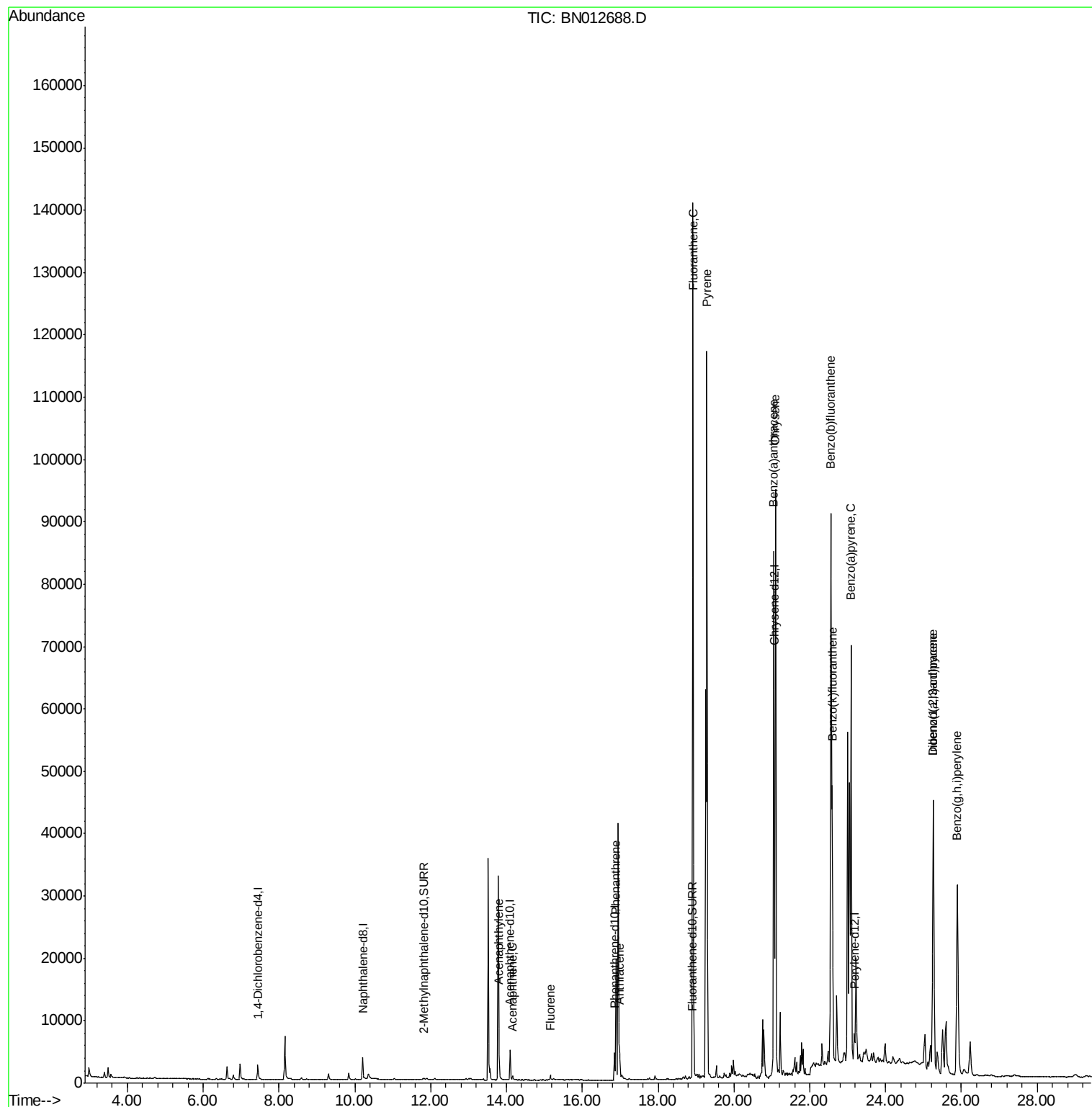
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012688.D
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Misc :
ALS Vial : 35 Sample Multiplier: 1

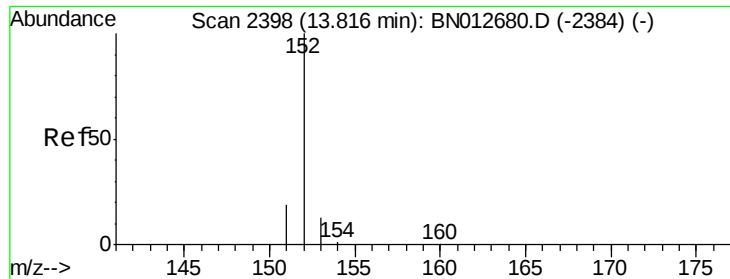
Instrument :
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Quant Time: Nov 23 02:37:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
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QLast Update : Mon Nov 23 01:22:42 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Instrument :

BNA_N

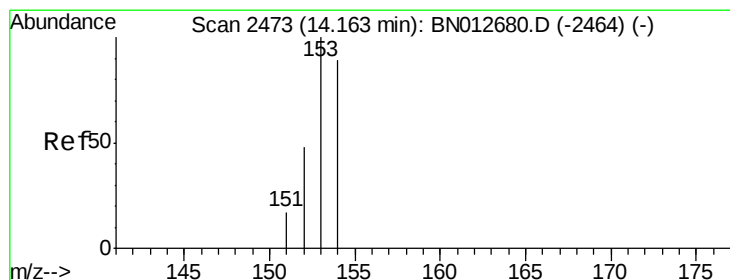
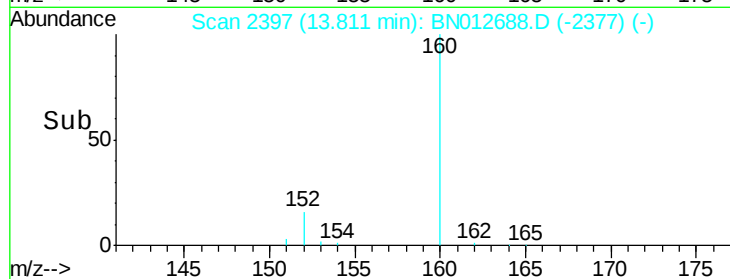
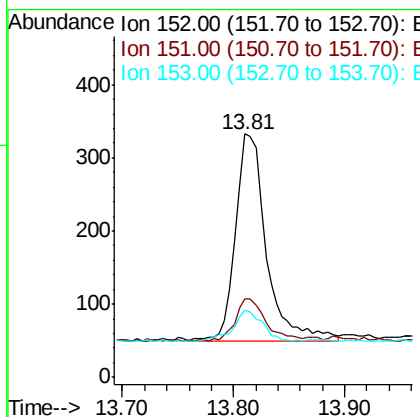
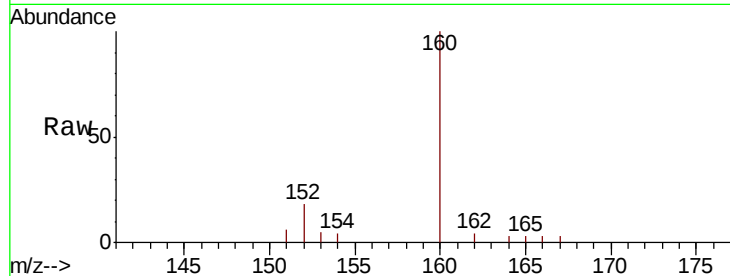
ClientSampleId :

C0B35DL

Tot Ion:	152	Resp:	530
Ion Ratio	Lower	Upper	
152	100		
151	32.1	17.1	25.7#
153	27.3	12.6	19.0#

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#8

Acenaphthene

Concen: 0.036 ng/ul

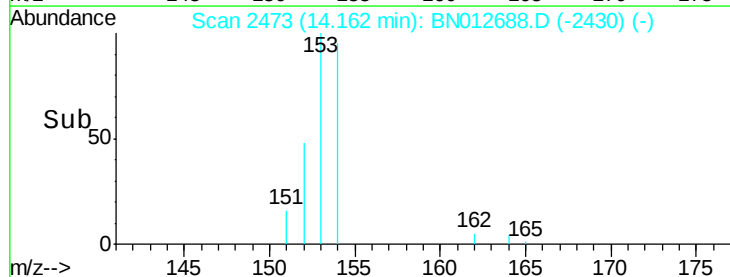
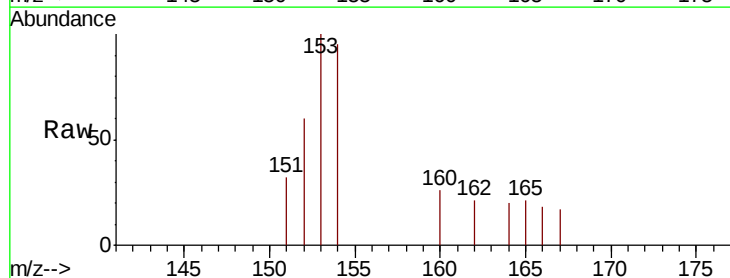
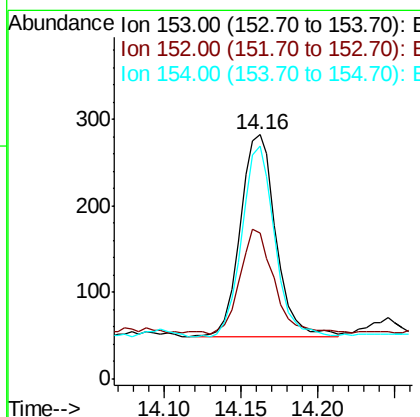
RT: 14.16 min Scan# 2473

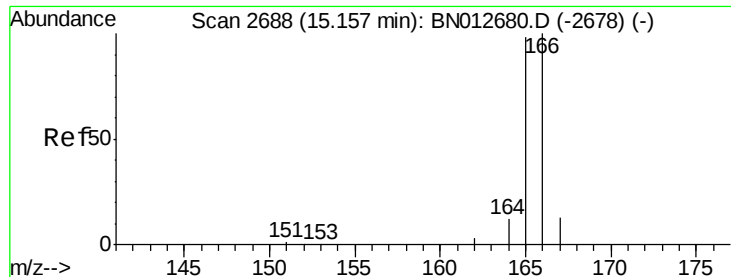
Delta R.T. -0.00 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Tgt Ion:	153	Resp:	379
Ion Ratio	Lower	Upper	
153	100		
152	59.9	41.4	62.0
154	95.4	70.9	106.3





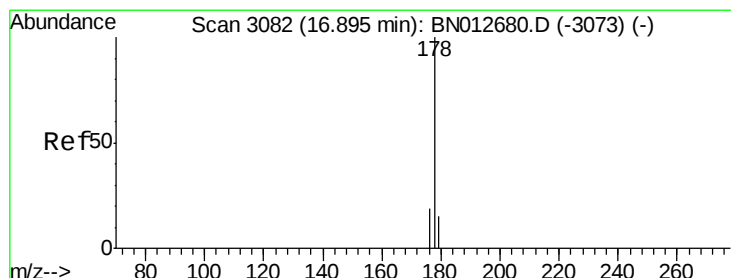
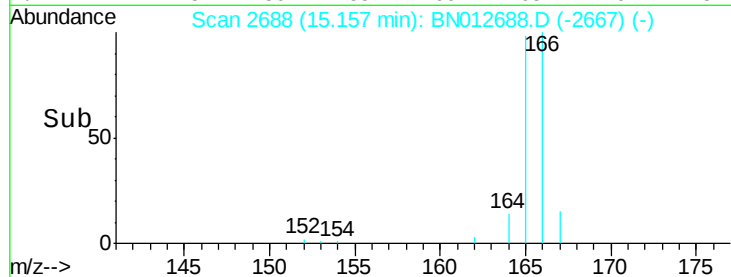
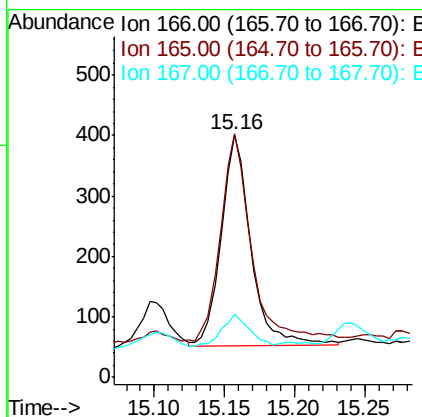
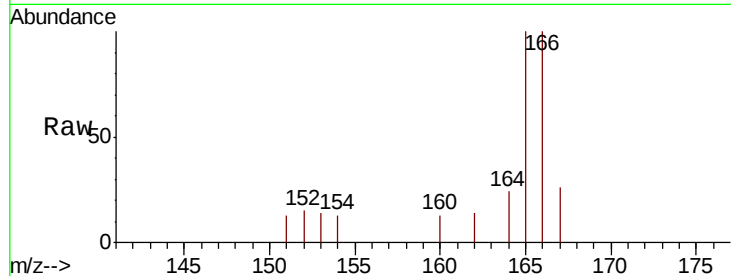
#9
Fluorene
 Concen: 0.044 ng/ul
 RT: 15.16 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: BN012688.D
 Acq: 21 Nov 2020 16:02

Instrument :
 BNA_N
 ClientSampleID :
 C0B35DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.5	117.7
167	25.9	12.7	19.1

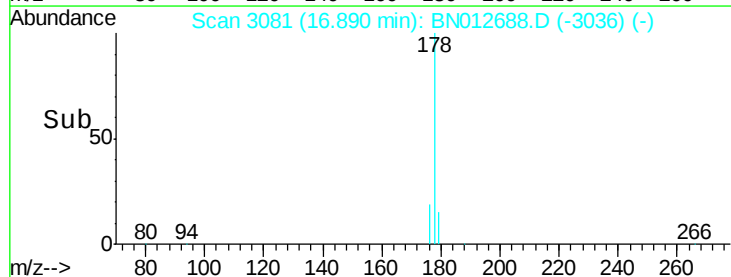
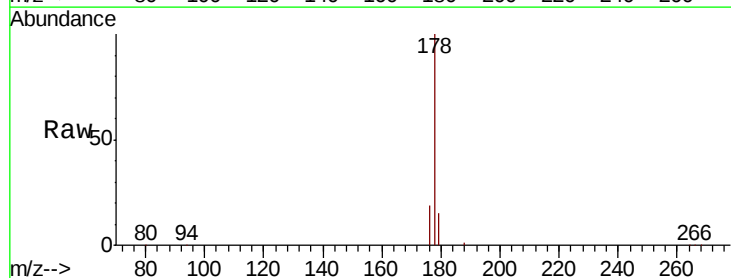
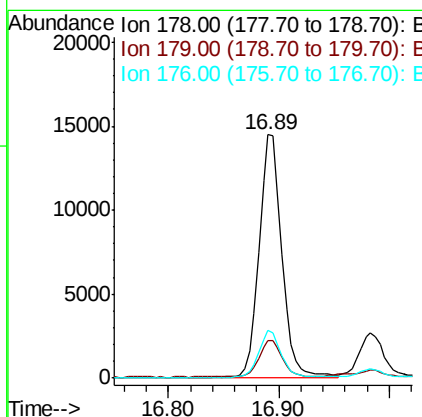
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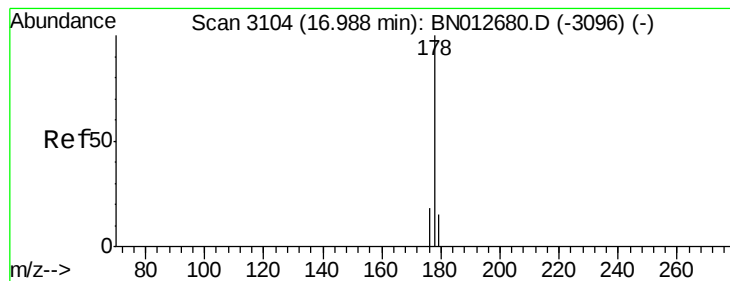
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#12
Phenanthrene
 Concen: 1.153 ng/ul
 RT: 16.89 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BN012688.D
 Acq: 21 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.8	20.6
176	19.5	16.7	25.1





#13

Anthracene

Concen: 0.235 ng/ul

RT: 16.98 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Instrument :

BNA_N

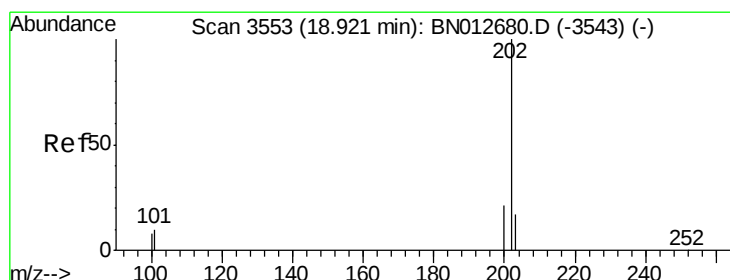
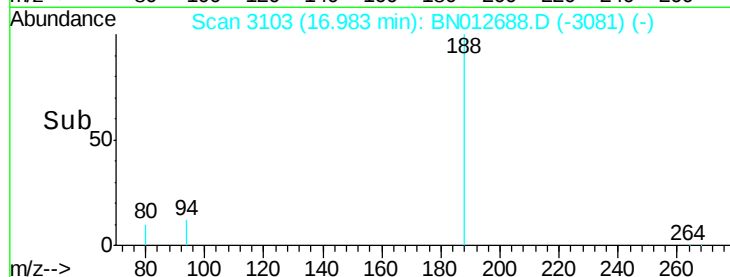
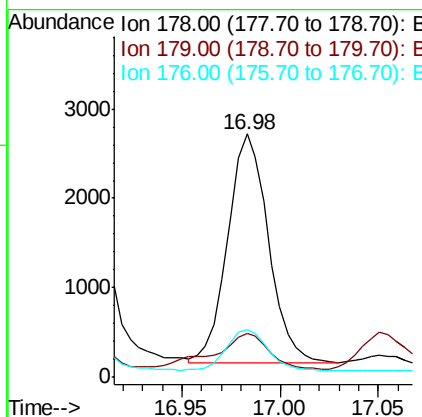
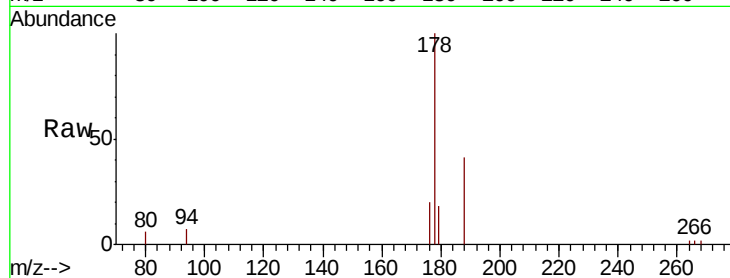
ClientSampleId :

C0B35DL

Tot Ion:	178	Resp:	3676
Ion	Ratio	Lower	Upper
178	100		
179	17.9	14.8	22.2
176	19.8	16.3	24.5

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#15

Fluoranthene

Concen: 5.624 ng/ul

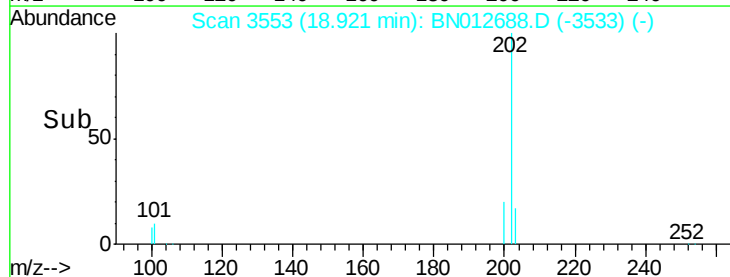
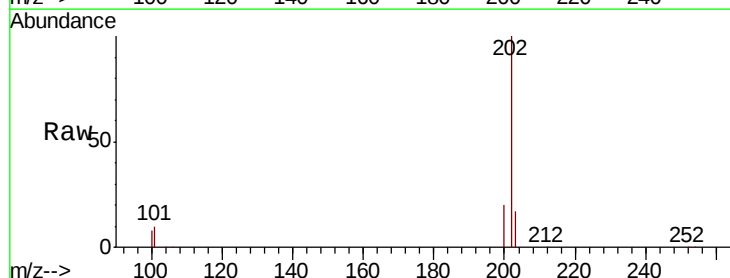
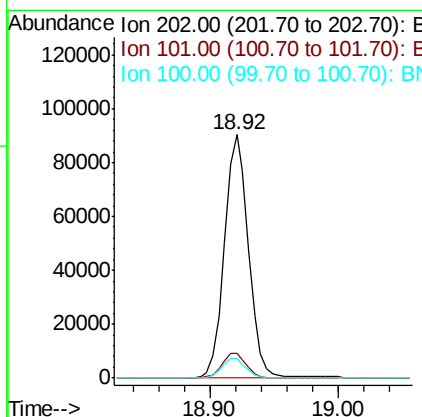
RT: 18.92 min Scan# 3553

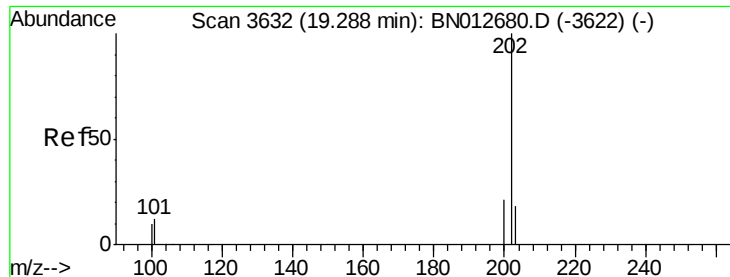
Delta R.T. -0.00 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Tgt Ion:	202	Resp:	116696
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.5
100	7.9	0.0	28.4





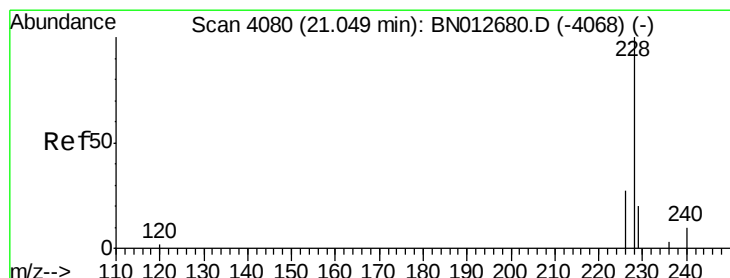
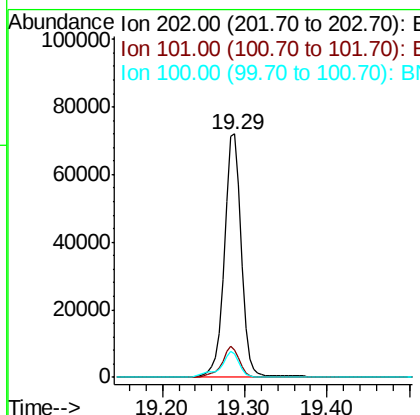
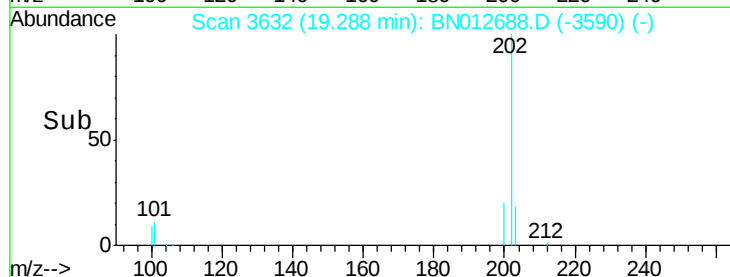
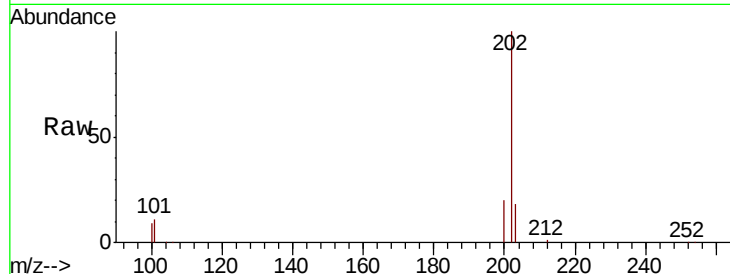
#17
Pvrene
Concen: 4.638 ng/ul
RT: 19.29 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BN012688.D
Acq: 21 Nov 2020 16:02

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:	202	Resp:	101699
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.9	13.3
100	9.5	7.4	11.2

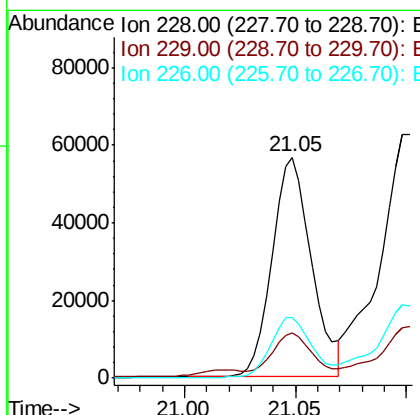
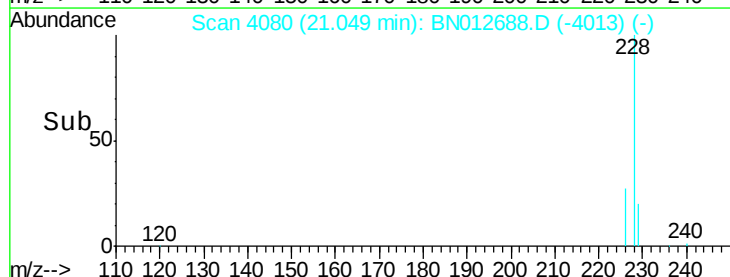
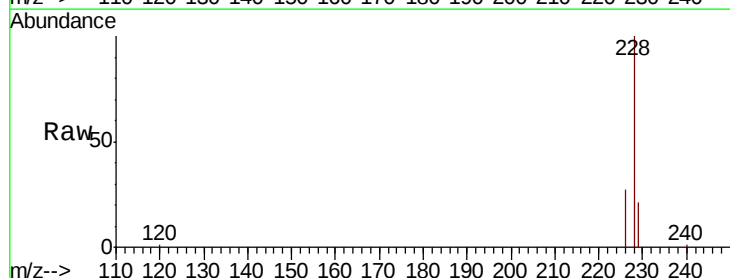
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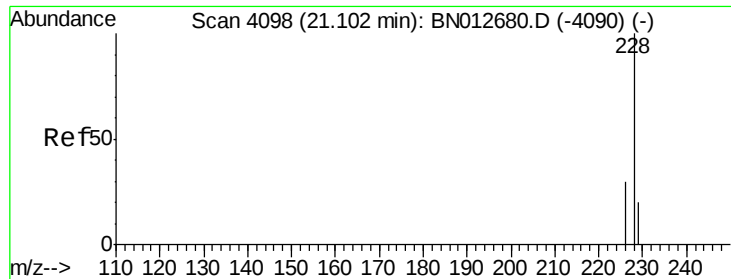
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#18
Benzo(a)anthracene
Concen: 3.954 ng/ul
RT: 21.05 min Scan# 4080
Delta R.T. -0.00 min
Lab File: BN012688.D
Acq: 21 Nov 2020 16:02

Tgt Ion:	228	Resp:	69452
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.9	25.3
226	27.4	23.1	34.7





#19

Chrysene

Concen: 4.170 ng/ul

RT: 21.10 min Scan# 4098

Delta R.T. -0.00 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Instrument :

BNA_N

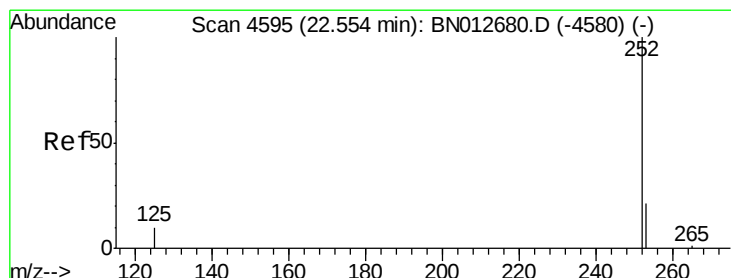
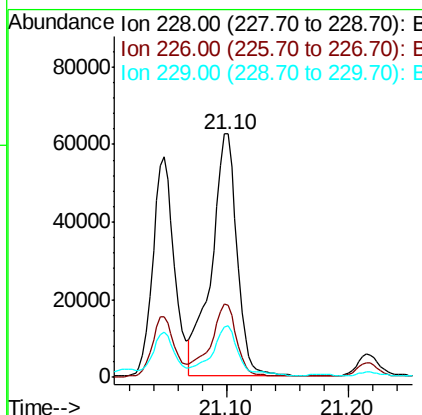
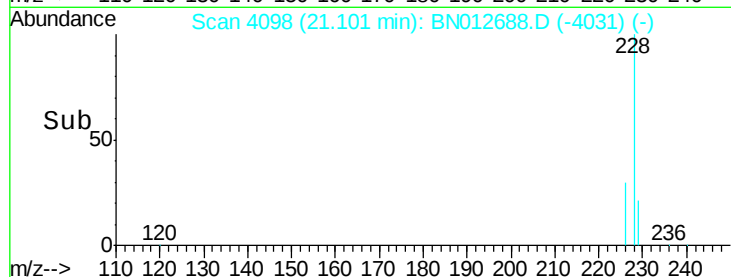
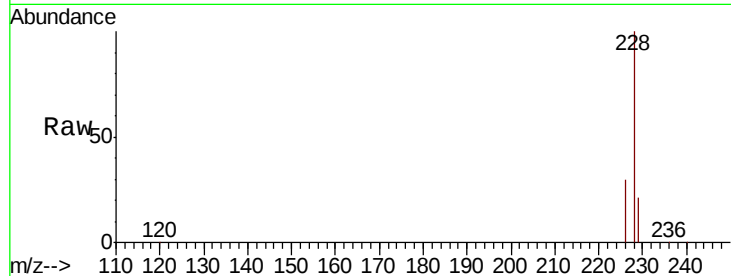
ClientSampleId :

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Tot Ion:	228	Resp:	91495
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	21.3	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 5.750 ng/ul m

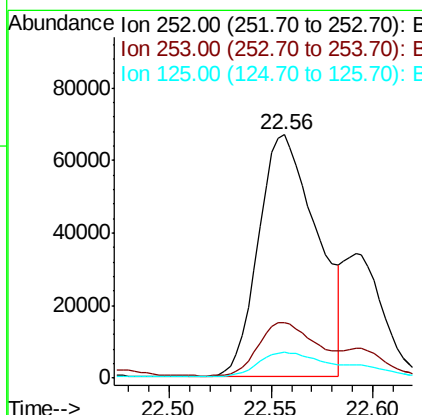
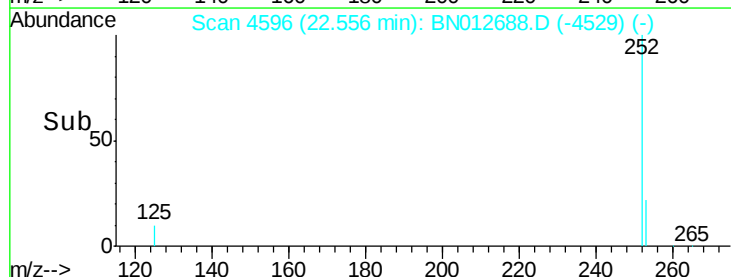
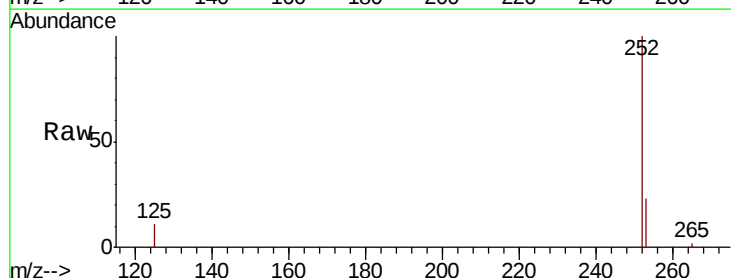
RT: 22.56 min Scan# 4596

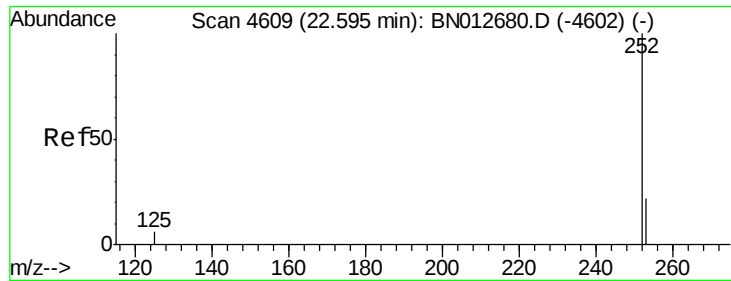
Delta R.T. -0.00 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Tgt Ion:	252	Resp:	132646
Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	58.4
125	10.6	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 1.686 ng/ul

RT: 22.59 min Scan# 4608

Delta R.T. -0.01 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Instrument :

BNA_N

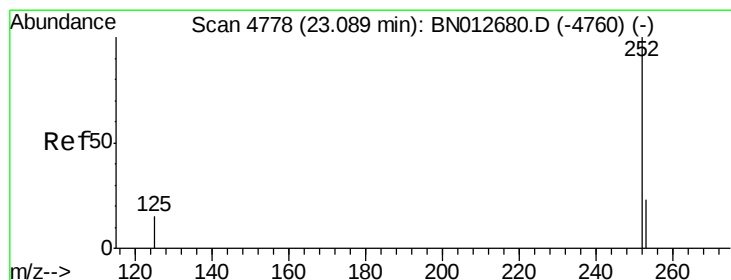
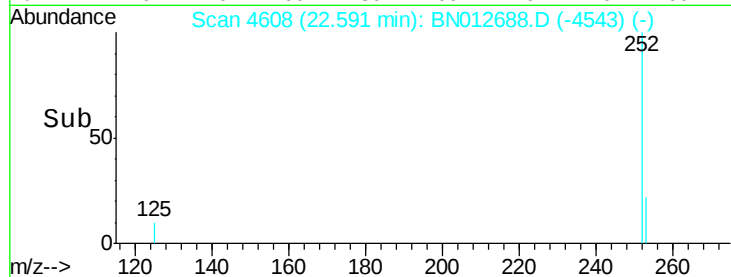
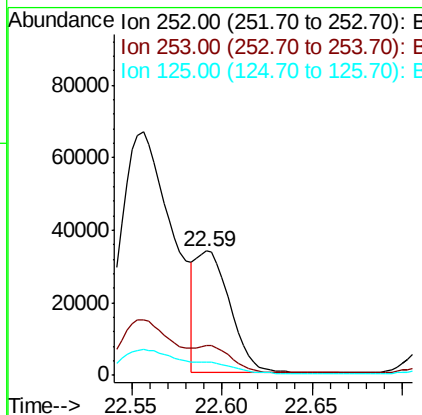
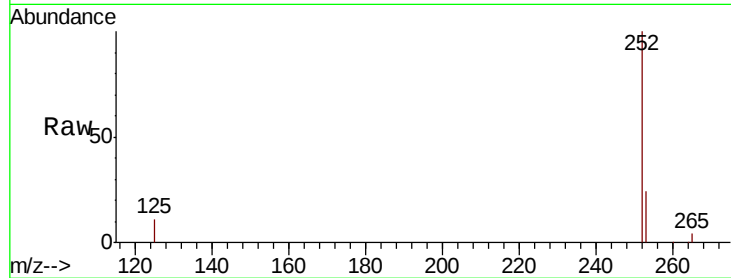
ClientSampleId :

C0B35DL

Tot Ion:	252	Resp:	44846
Ion Ratio	Lower	Upper	
252	100		
253	23.6	23.4	35.2
125	10.9	10.2	15.2

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#23

Benzo(a)pyrene

Concen: 3.847 ng/ul

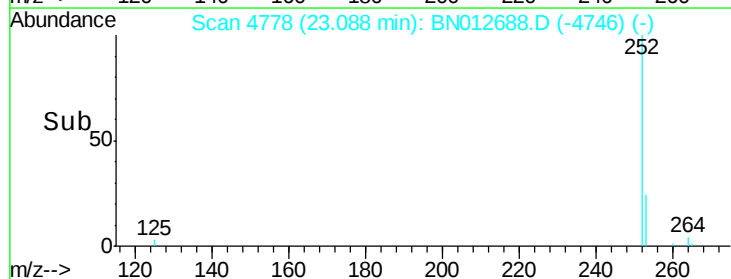
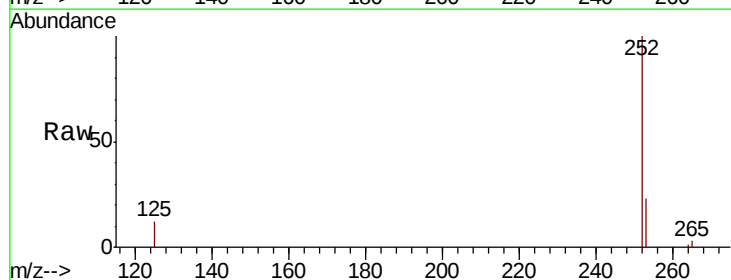
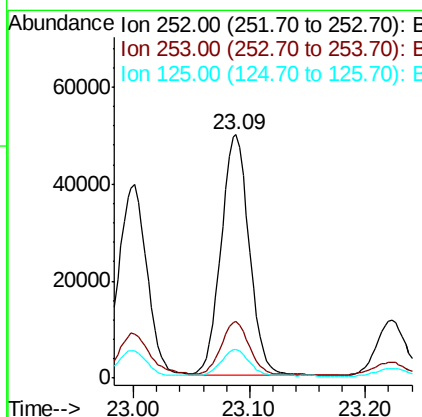
RT: 23.09 min Scan# 4778

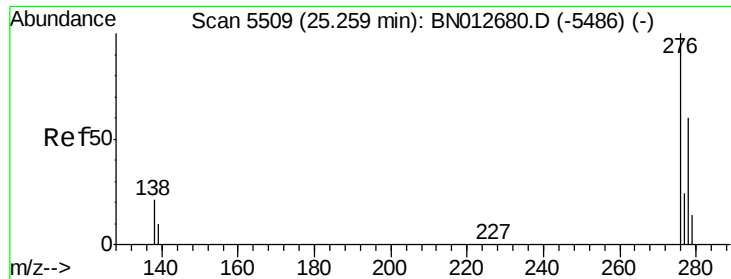
Delta R.T. -0.01 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Tgt Ion:	252	Resp:	83528
Ion Ratio	Lower	Upper	
252	100		
253	23.3	27.6	41.4#
125	11.7	17.0	25.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 2.231 ng/uL

RT: 25.25 min Scan# 5508

Delta R.T. -0.01 min

Lab File: BN012688.D

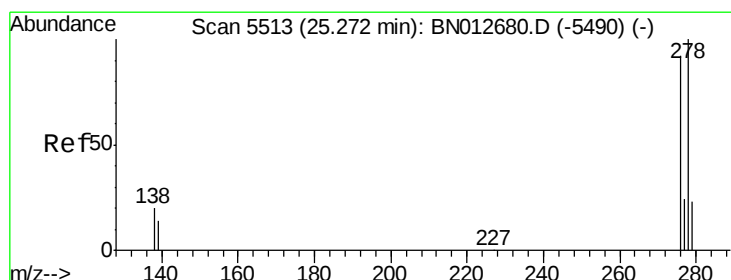
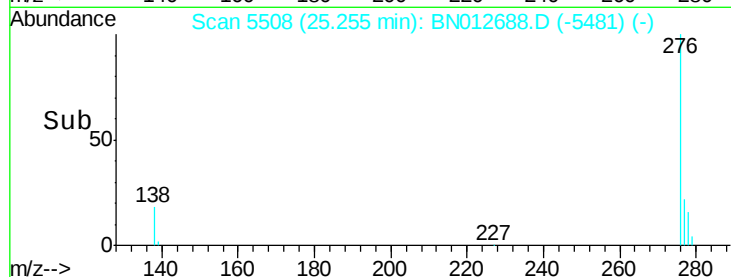
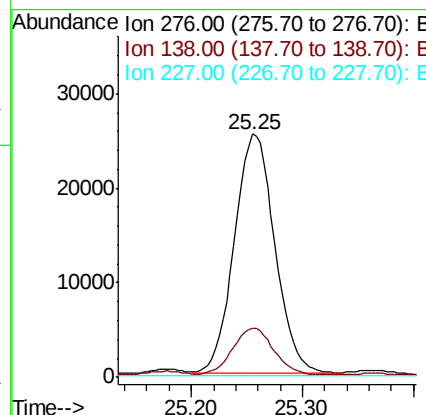
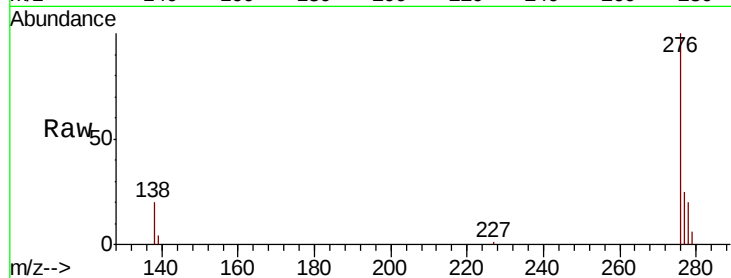
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C0B35DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.5	24.7
227	0.1	0.1	0.1

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#25

Dibenzo(a,h)anthracene

Concen: 0.697 ng/uL

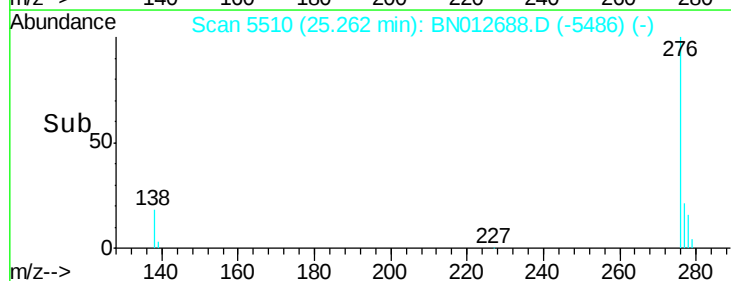
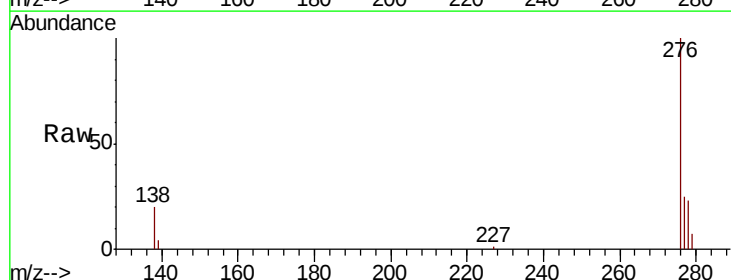
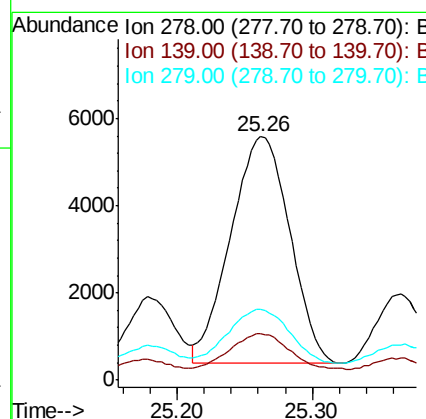
RT: 25.26 min Scan# 5510

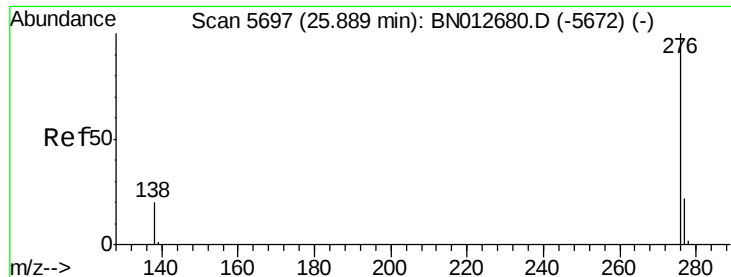
Delta R.T. -0.02 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.8	20.8
279	29.2	25.6	38.4





#26
 Benzo(a,h,i)perylene
 Concen: 2.304 ng/ul
 RT: 25.89 min Scan# 5697
 Delta R.T. -0.01 min
 Lab File: BN012688.D
 Acq: 21 Nov 2020 16:02

Instrument :
 BNA_N
 ClientSampleId :
 C0B35DL

Tot Ion:	276	Resp:	58866
Ion Ratio	Lower	Upper	
276	100		
138	20.8	16.3	24.5
277	24.2	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:57:06 AM

