

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012677.D
 Acq On : 21 Nov 2020 09:25
 Operator : CG/JU
 Sample : L4710-14DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B40DL

Manual Integrations
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Quant Time: Nov 23 01:07:37 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 : Fri Nov 20 18:13:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1051	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.20	136	4397	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.09	164	2298	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5132	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	7280	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	5595	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	246	0.04	ng/ul	-0.02
14) Fluoranthene-d10	18.89	212	548	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	323	0.029	ng/ul#	65
8) Acenaphthene	14.15	153	693	0.073	ng/ul	95
9) Fluorene	15.15	166	833	0.080	ng/ul#	96
12) Phenanthrene	16.89	178	29239	1.637	ng/ul	97
13) Anthracene	16.98	178	3986	0.257	ng/ul	99
15) Fluoranthene	18.92	202	84608	4.104	ng/ul	100
17) Pyrene	19.28	202	70804	2.174	ng/ul	98
18) Benzo(a)anthracene	21.05	228	31812	1.219	ng/ul	99
19) Chrysene	21.10	228	40923	1.256	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	52798m	2.051	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	20680m	0.697	ng/ul	
23) Benzo(a)pyrene	23.09	252	33996m	1.403	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.26	276	25780	0.814	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.26	278	5722	0.225	ng/ul	97
26) Benzo(g,h,i)perylene	25.90	276	24492	0.859	ng/ul	96

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

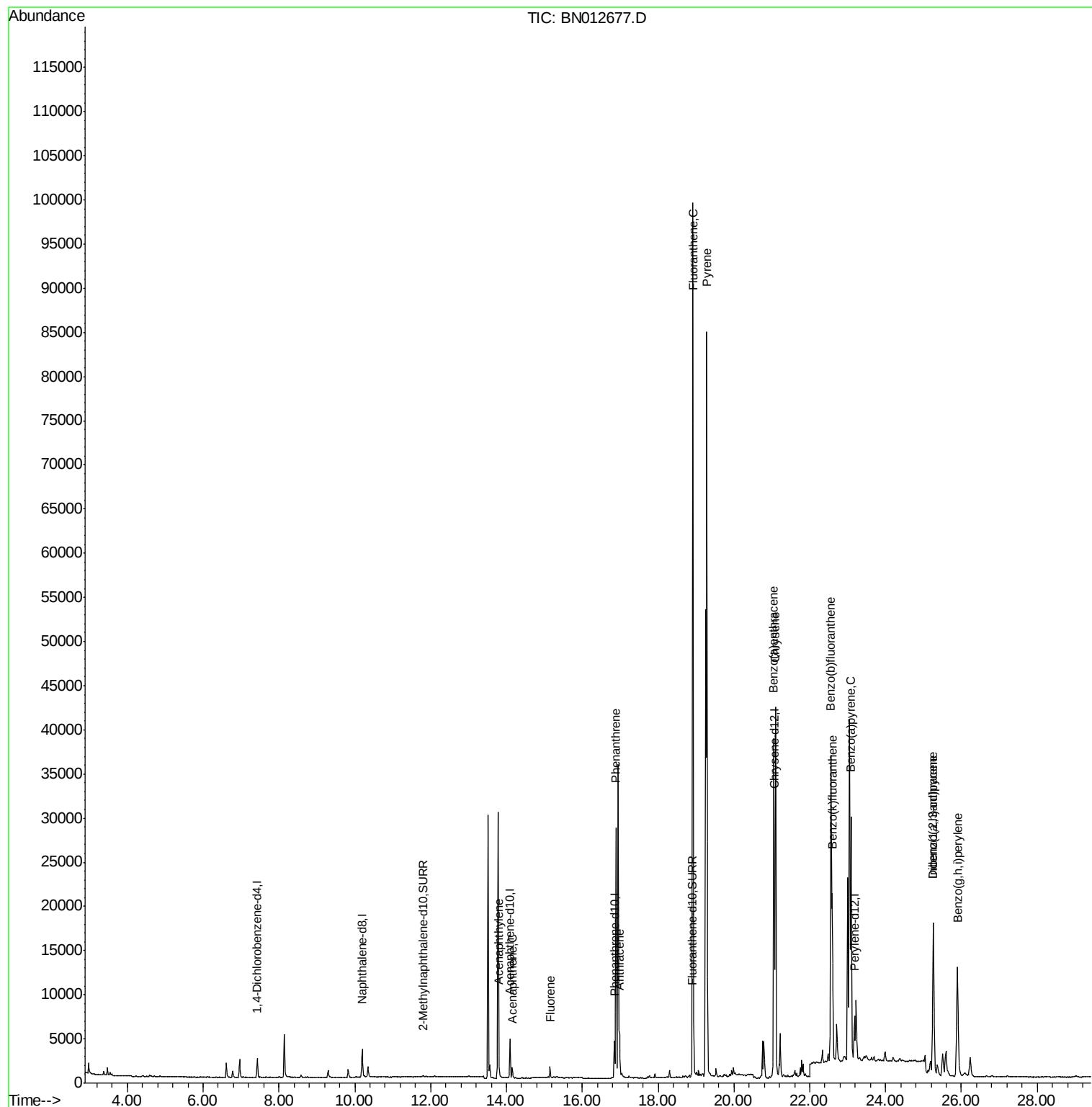
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012677.D
Acq On : 21 Nov 2020 09:25
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Misc :
ALS Vial : 24 Sample Multiplier: 1

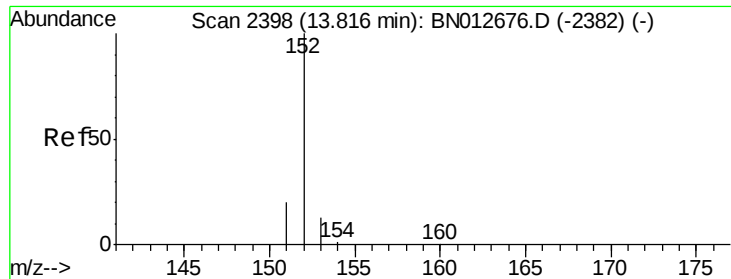
Instrument :
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C0B40DL

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Quant Time: Nov 23 01:07:37 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 : Fri Nov 20 18:13:27 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 13.81 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Instrument :

BNA_N

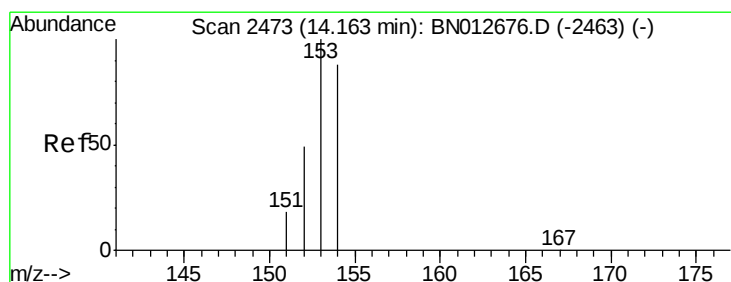
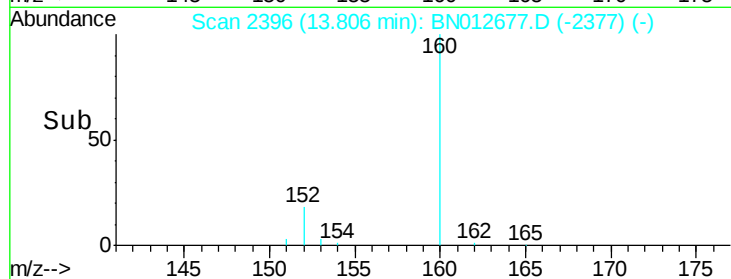
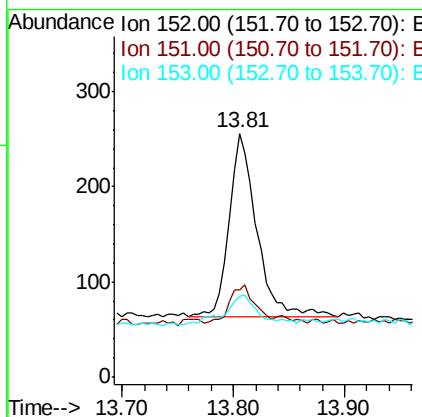
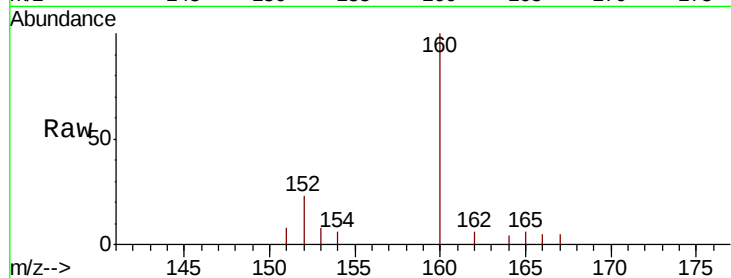
ClientSampleId :

C0B40DL

Tot Ion:	152	Resp:	323
Ion Ratio	Lower	Upper	
152	100		
151	35.9	17.1	25.7#
153	33.2	12.6	19.0#

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#8

Acenaphthene

Concen: 0.073 ng/ul

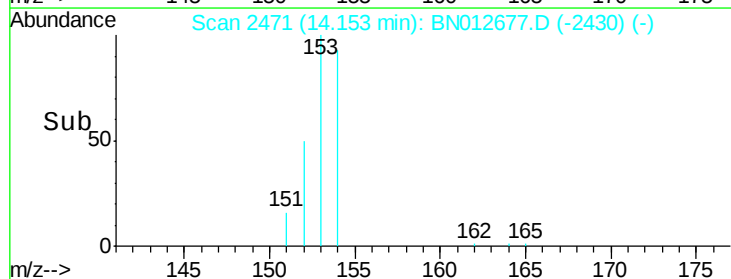
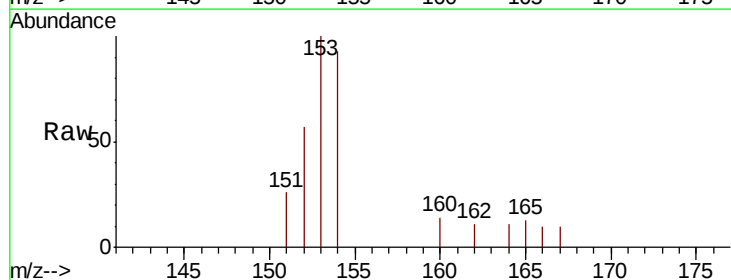
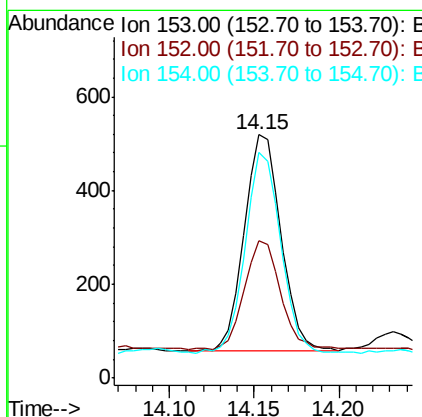
RT: 14.15 min Scan# 2471

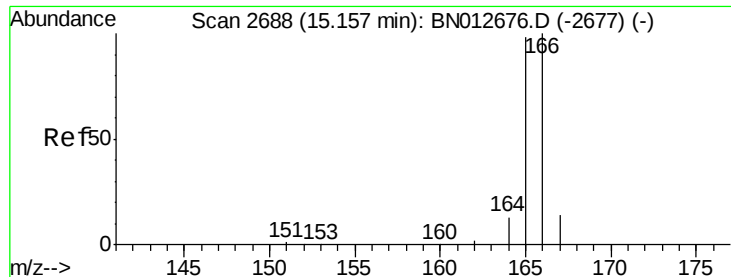
Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Tgt Ion:	153	Resp:	693
Ion Ratio	Lower	Upper	
153	100		
152	56.6	41.4	62.0
154	92.7	70.9	106.3





#9

Fluorene

Concen: 0.080 ng/ul

RT: 15.15 min Scan# 2687

Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Instrument :

BNA_N

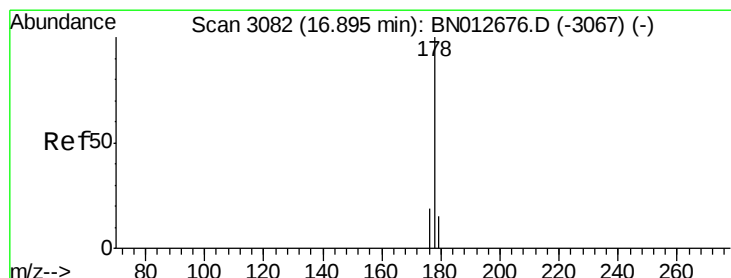
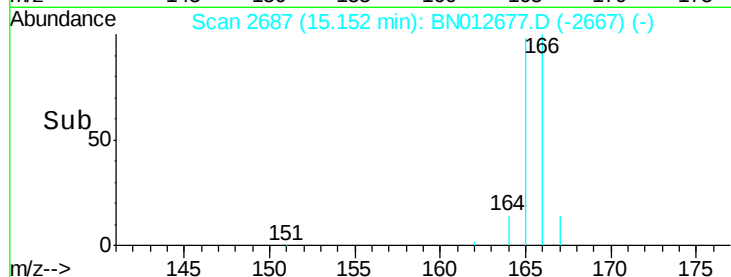
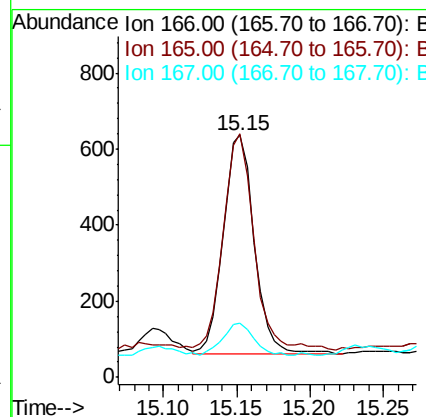
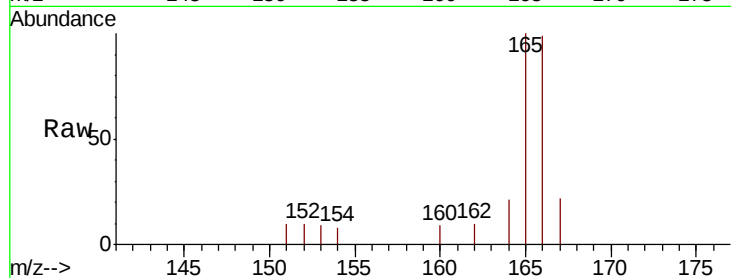
ClientSampleId :

C0B40DL

Tot Ion:	166	Resp:	833
Ion Ratio	Lower	Upper	
166	100		
165	100.6	78.5	117.7
167	22.2	12.7	19.1#

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#12

Phenanthrene

Concen: 1.637 ng/ul

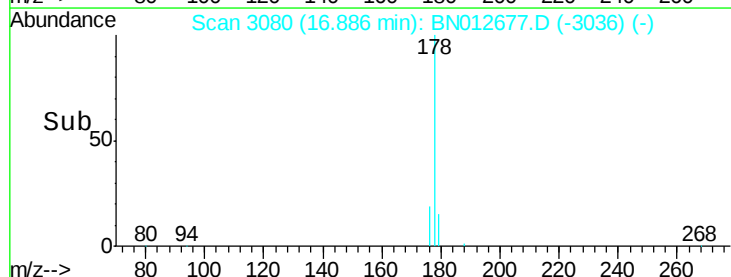
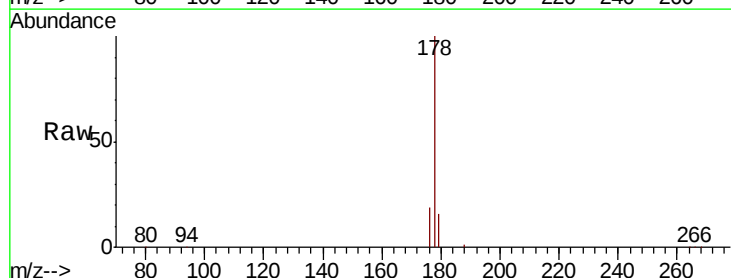
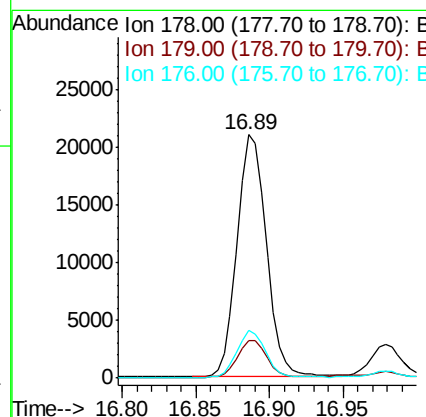
RT: 16.89 min Scan# 3080

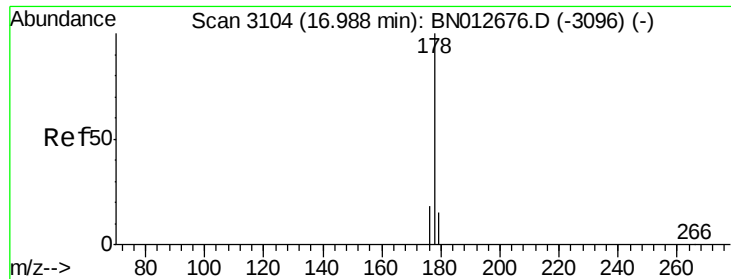
Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Tgt Ion:	178	Resp:	29239
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.8	20.6
176	19.4	16.7	25.1





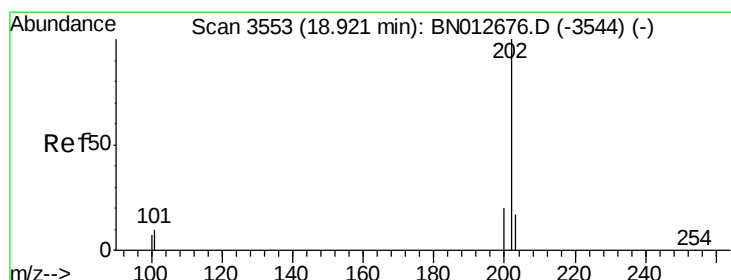
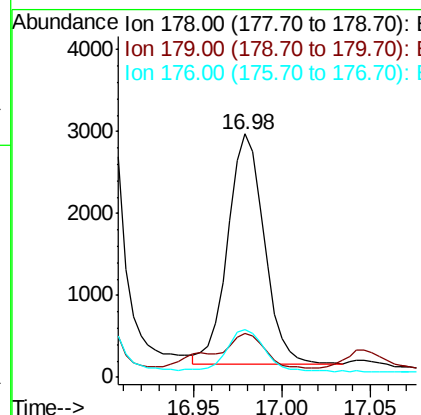
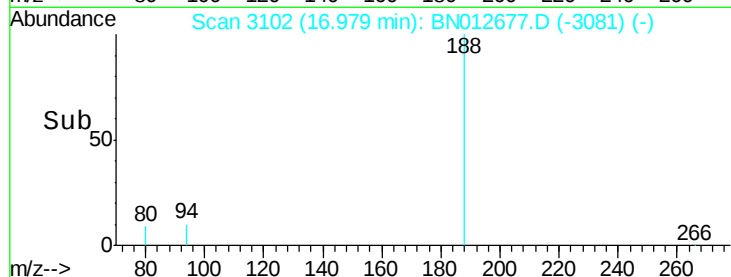
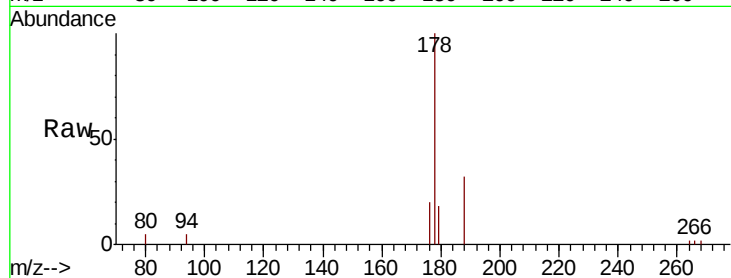
#13
 Anthracene
 Concen: 0.257 ng/ul
 RT: 16.98 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BN012677.D
 Acq: 21 Nov 2020 09:25

Instrument :
 BNA_N
 ClientSampleId :
 C0B40DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.2	14.8	22.2
176	19.8	16.3	24.5

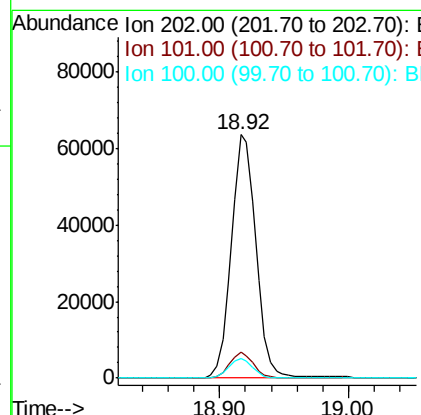
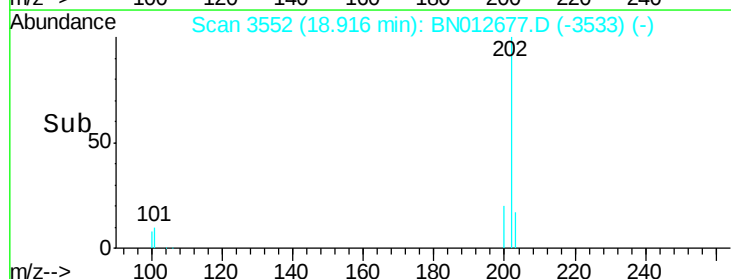
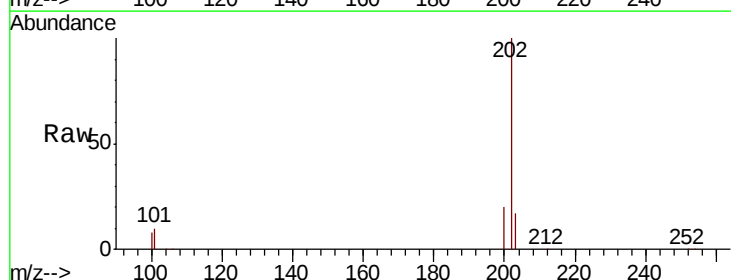
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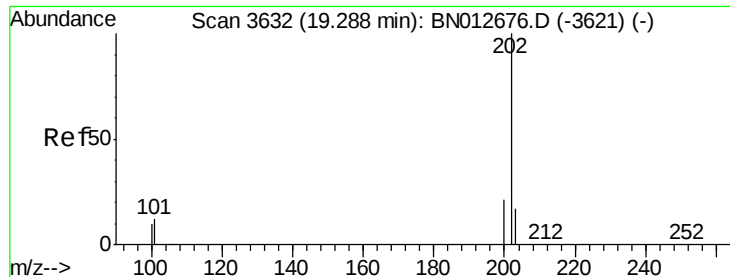
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#15
 Fluoranthene
 Concen: 4.104 ng/ul
 RT: 18.92 min Scan# 3552
 Delta R.T. -0.01 min
 Lab File: BN012677.D
 Acq: 21 Nov 2020 09:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.5
100	8.1	0.0	28.4





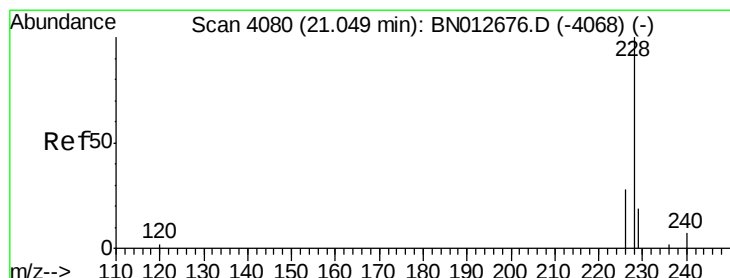
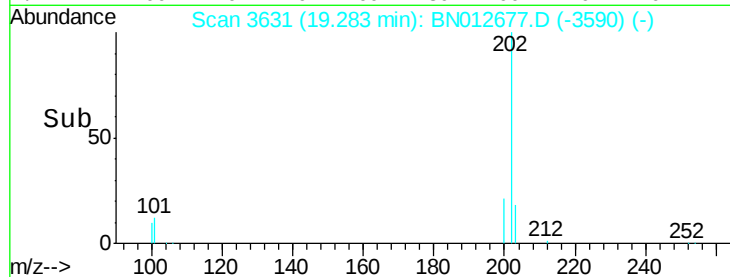
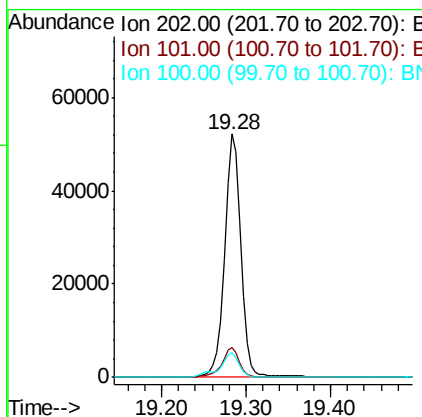
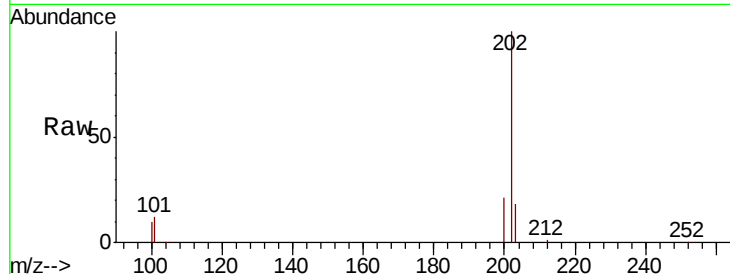
#17
Pvrene
Concen: 2.174 ng/ul
RT: 19.28 min Scan# 3631
Delta R.T. -0.01 min
Lab File: BN012677.D
Acq: 21 Nov 2020 09:25

Instrument :
BNA_N
ClientSampleId :
C0B40DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	8.9	13.3
100	9.9	7.4	11.2

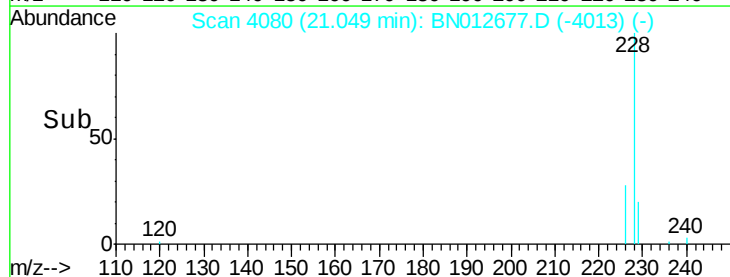
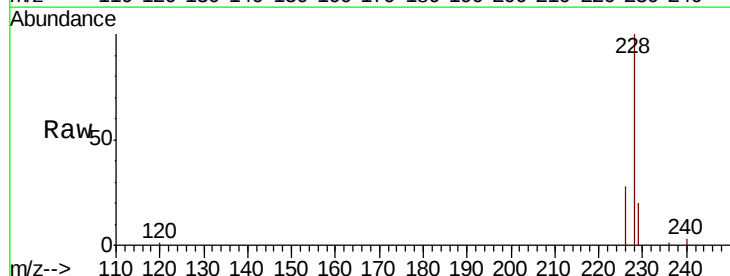
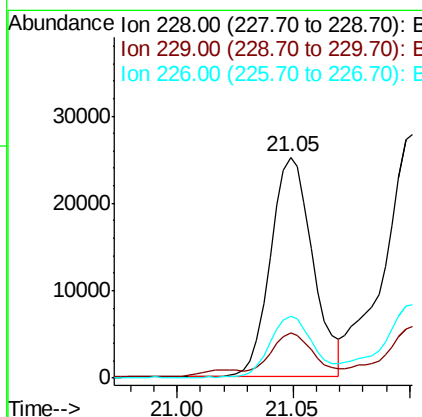
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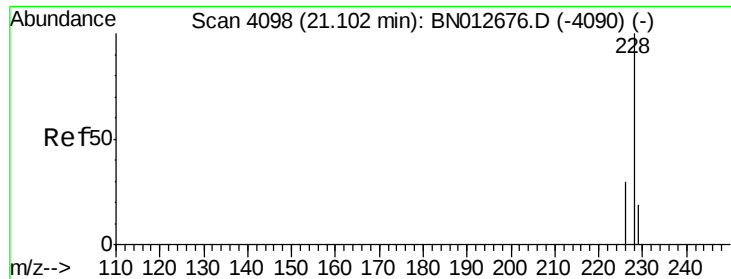
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#18
Benzo(a)anthracene
Concen: 1.219 ng/ul
RT: 21.05 min Scan# 4080
Delta R.T. -0.00 min
Lab File: BN012677.D
Acq: 21 Nov 2020 09:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.5	16.9	25.3
226	28.2	23.1	34.7





#19

Chrysene

Concen: 1.256 ng/ul

RT: 21.10 min Scan# 4098

Delta R.T. -0.00 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Instrument :

BNA_N

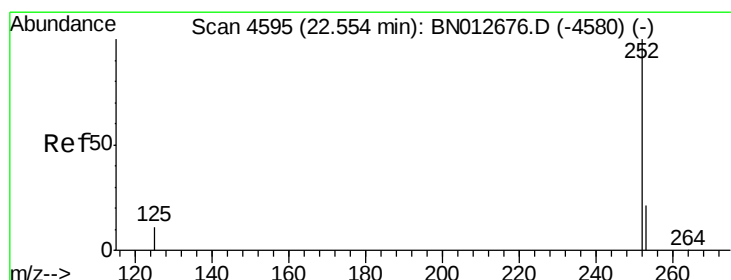
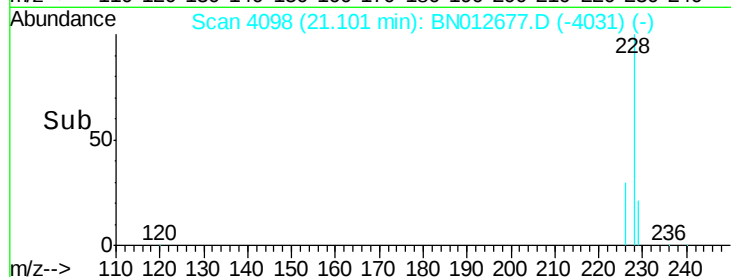
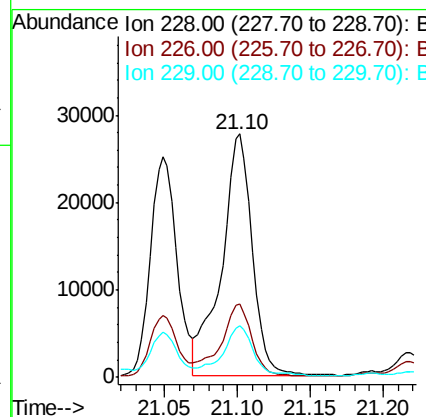
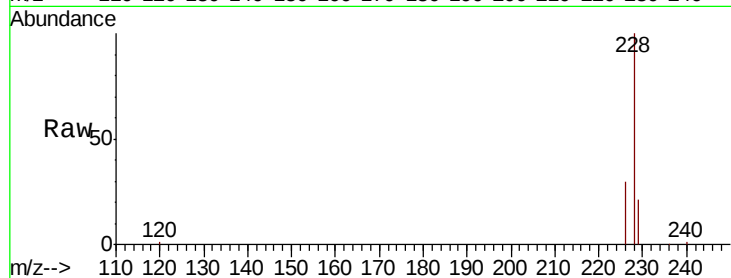
ClientSampleId :

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Tot Ion:228	Resp:	40923
Ion Ratio	Lower	Upper
228 100		
226 30.3	24.4	36.6
229 21.0	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 2.051 ng/ul m

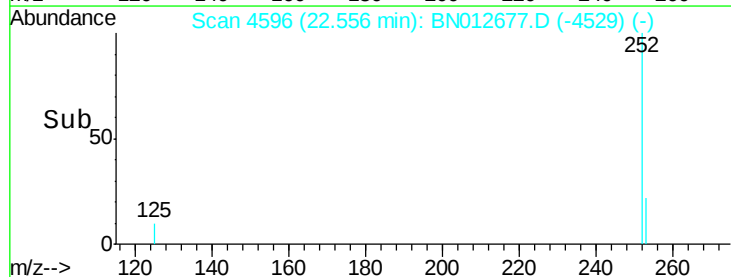
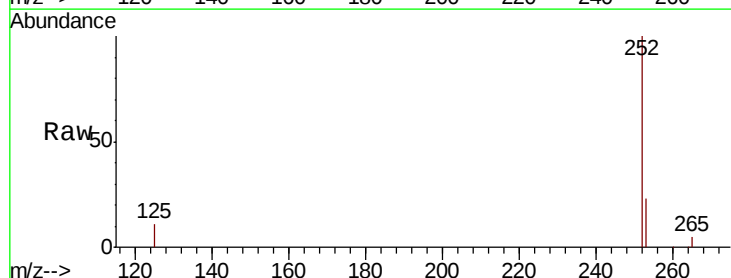
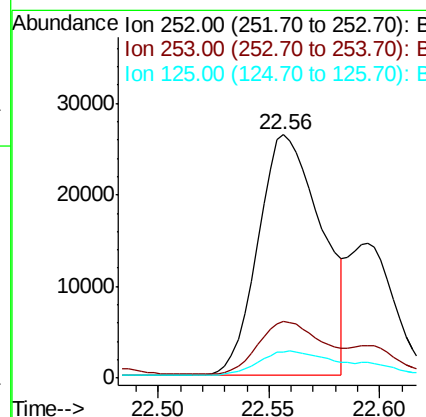
RT: 22.56 min Scan# 4596

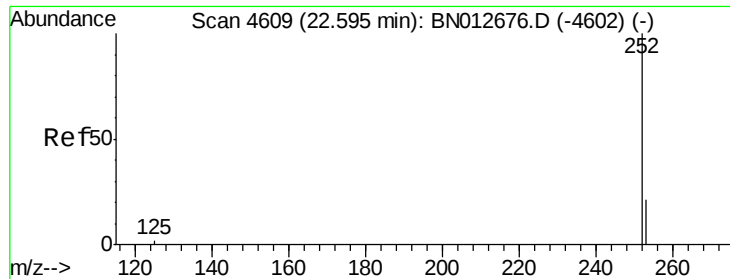
Delta R.T. -0.00 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Tgt Ion:252	Resp:	52798
Ion Ratio	Lower	Upper
252 100		
253 23.5	0.0	58.4
125 10.9	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.697 ng/ul m

RT: 22.59 min Scan# 4609

Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Instrument :

BNA_N

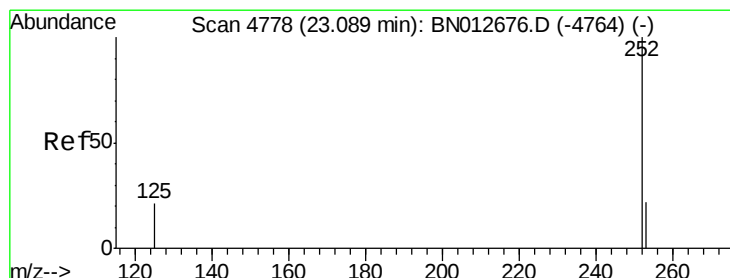
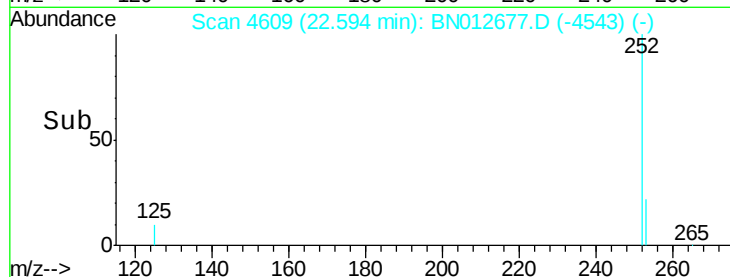
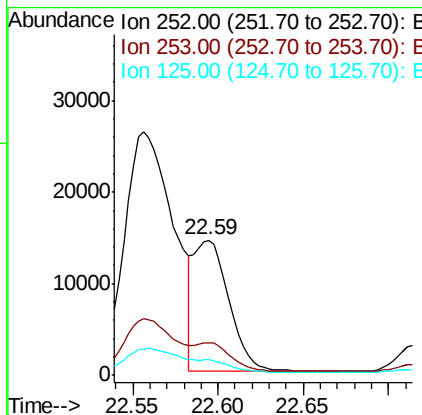
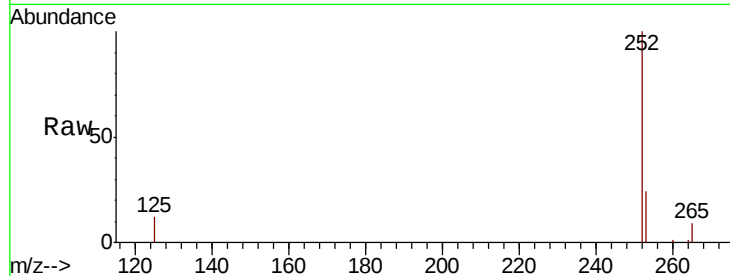
ClientSampleId :

C0B40DL

Tot Ion:	252	Resp:	20680
Ion Ratio	Lower	Upper	
252	100		
253	24.4	23.4	35.2
125	11.6	10.2	15.2

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#23

Benzo(a)pyrene

Concen: 1.403 ng/ul m

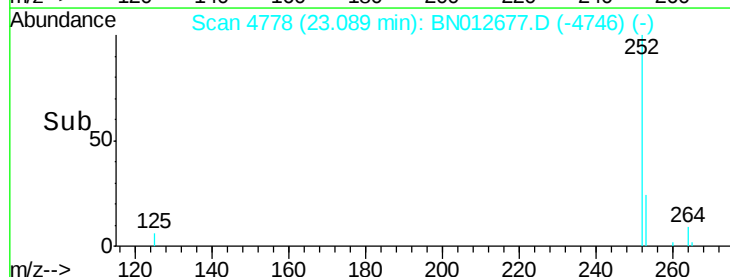
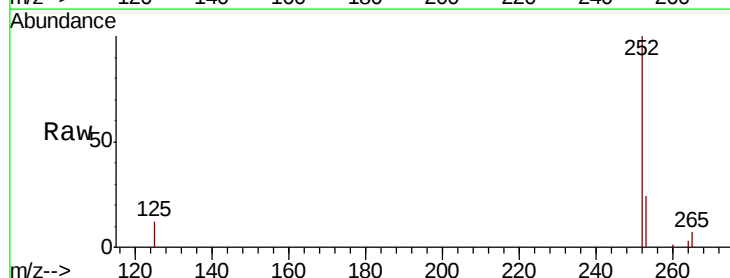
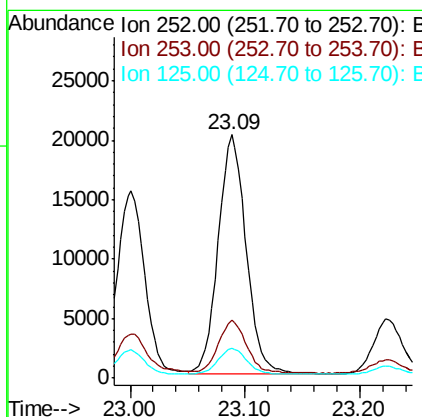
RT: 23.09 min Scan# 4778

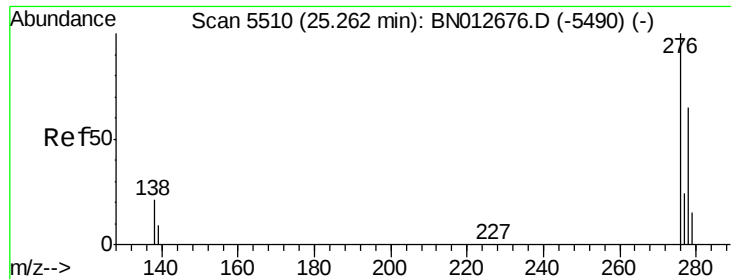
Delta R.T. -0.01 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Tgt Ion:	252	Resp:	33996
Ion Ratio	Lower	Upper	
252	100		
253	23.8	27.6	41.4#
125	12.4	17.0	25.4#





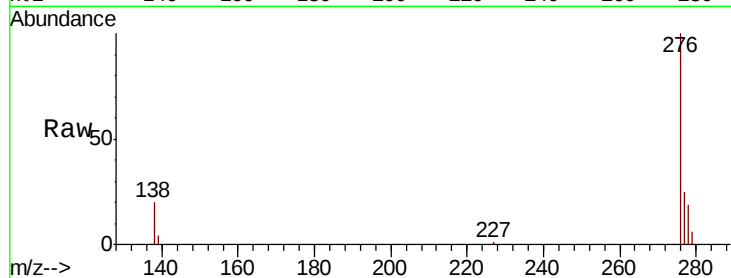
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.814 ng/ul
 RT: 25.26 min Scan# 5509
 Delta R.T. -0.01 min
 Lab File: BN012677.D
 Acq: 21 Nov 2020 09:25

Instrument :
 BNA_N
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 C0B40DL

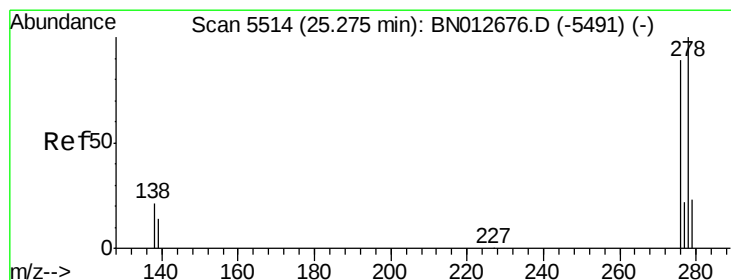
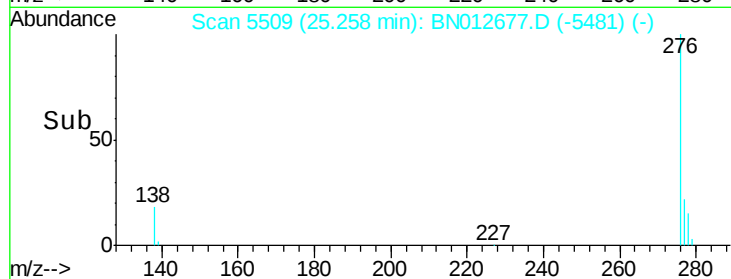
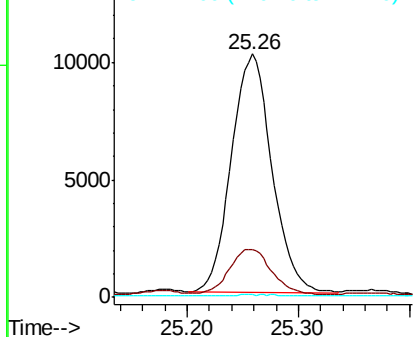
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.5	24.7
227	0.2	0.1	0.1

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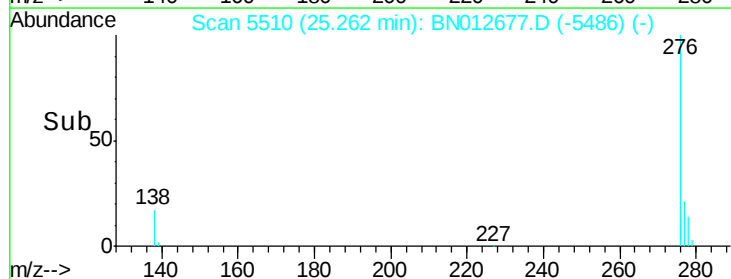
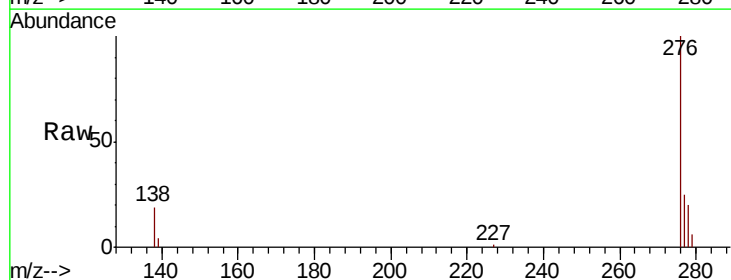
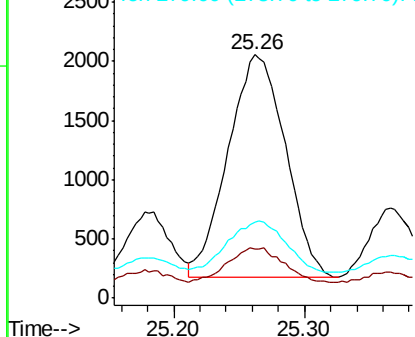
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

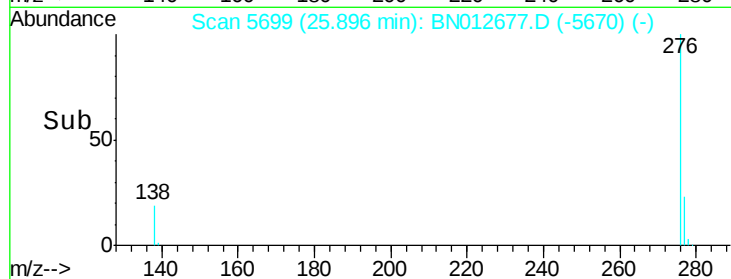
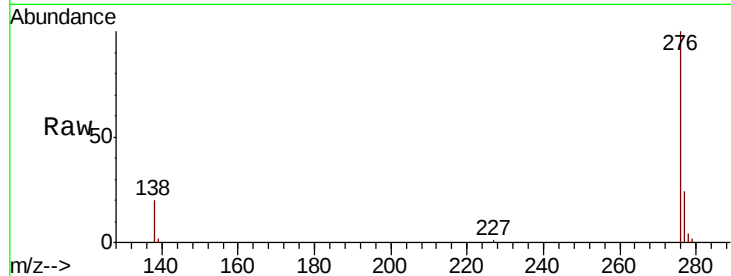
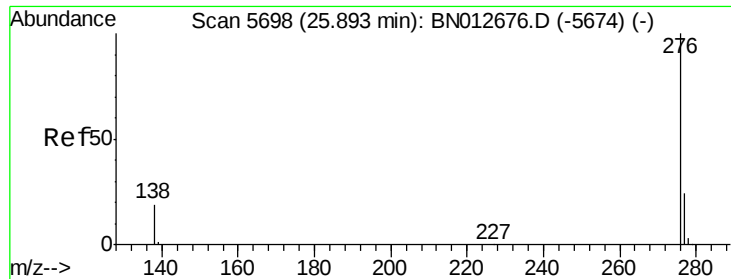


#25
 Dibenzo(a,h)anthracene
 Concen: 0.225 ng/ul
 RT: 25.26 min Scan# 5510
 Delta R.T. -0.02 min
 Lab File: BN012677.D
 Acq: 21 Nov 2020 09:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.8	20.8
279	31.0	25.6	38.4

Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.859 ng/ul

RT: 25.90 min Scan# 5699

Delta R.T. -0.00 min

Lab File: BN012677.D

Acq: 21 Nov 2020 09:25

Tot Ion:	276	Resp:	24492
Ion Ratio	Lower	Upper	
276	100		
138	20.2	16.3	24.5
277	24.2	21.8	32.8

Instrument :

BNA_N

ClientSampleId :

C0B40DL

Manual Integrations
APPROVED

mohammad
11/24/2020 8:56:36 AM

