

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012978.D
 Acq On : 08 Dec 2020 16:40
 Operator : CG/JU
 Sample : L4859-17DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B95DL

Manual Integrations
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Quant Time: Dec 09 00:22:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:24:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	820	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	3293	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	1842	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	3632	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	2547	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	2331	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	508	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	997	0.10	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	296	0.031	ng/ul#	64
7) Acenaphthylene	13.76	152	596	0.068	ng/ul#	86
12) Phenanthrene	16.85	178	3758	0.309	ng/ul	99
13) Anthracene	16.94	178	716	0.069	ng/ul#	90
15) Fluoranthene	18.88	202	11963	0.827	ng/ul	97
17) Pyrene	19.25	202	11483	0.954	ng/ul	99
18) Benzo(a)anthracene	21.02	228	5428	0.515	ng/ul	99
19) Chrysene	21.07	228	6012	0.516	ng/ul	100
21) Benzo(b)fluoranthene	22.52	252	8004m	0.742	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	2641m	0.222	ng/ul	
23) Benzo(a)pyrene	23.04	252	4988m	0.498	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	3402	0.259	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	844	0.081	ng/ul#	51
26) Benzo(g,h,i)perylene	25.82	276	3153	0.265	ng/ul#	92

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

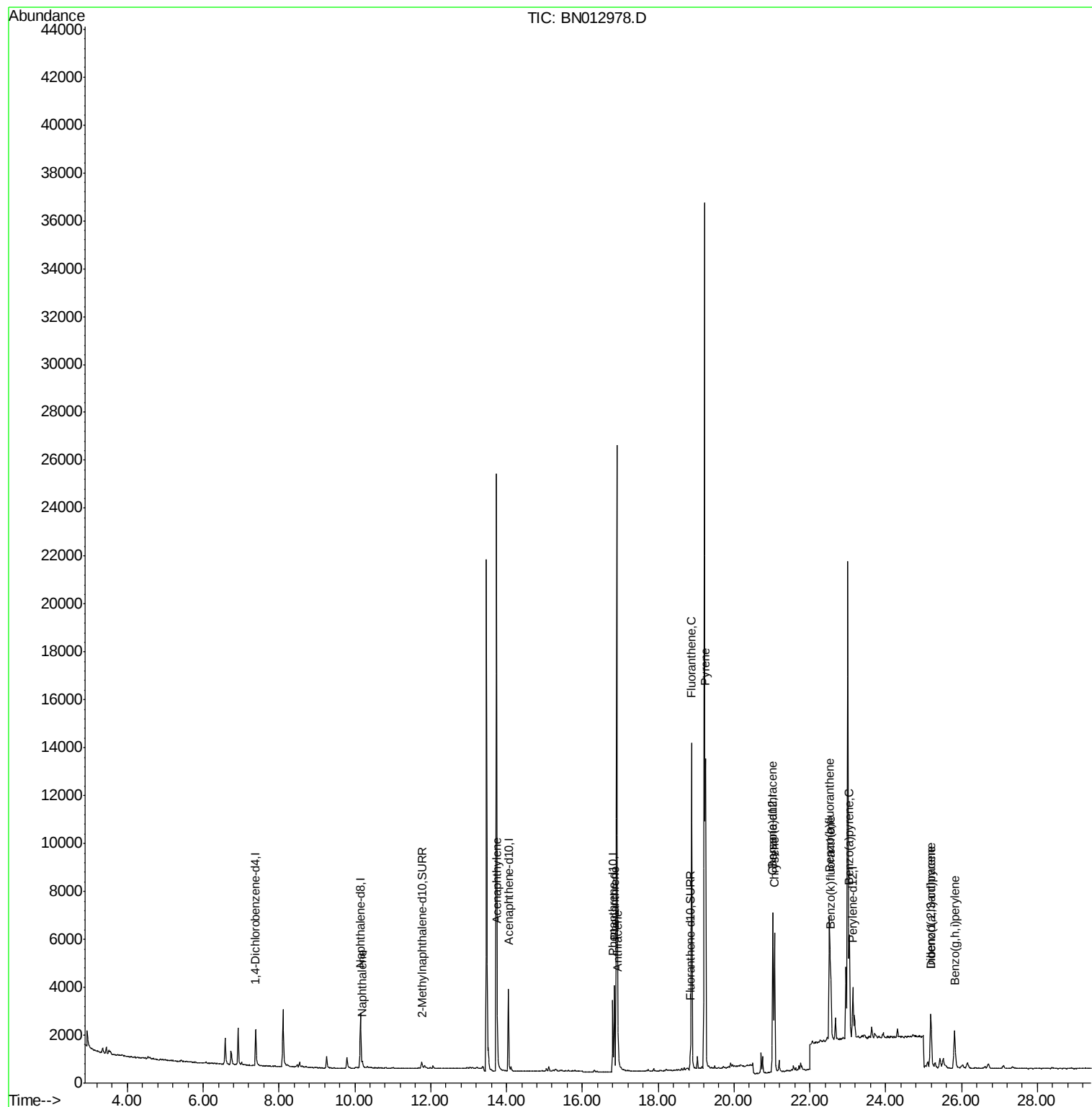
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012978.D
Acq On : 08 Dec 2020 16:40
Operator : CG/JU
Sample : L4859-17DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

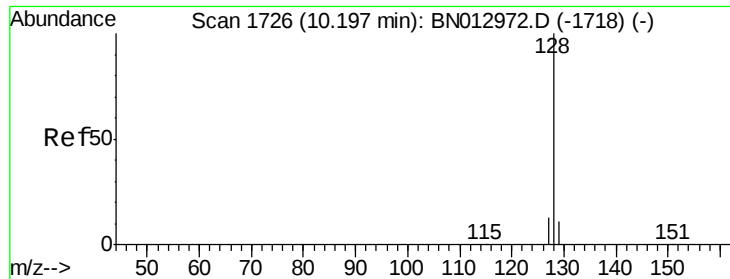
Instrument :
BNA_N
ClientSampleId :
C0B95DL

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Quant Time: Dec 09 00:22:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:24:06 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.20 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BN012978.D

Acq: 08 Dec 2020 16:40

Instrument :

BNA_N

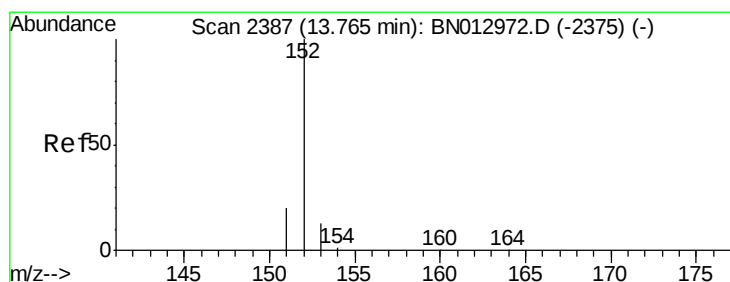
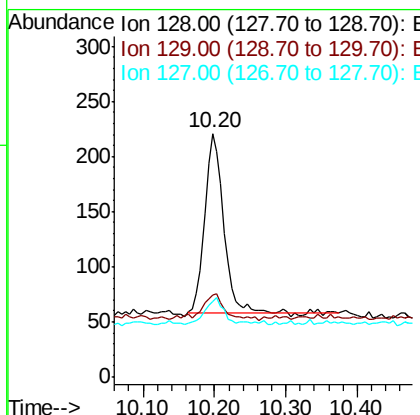
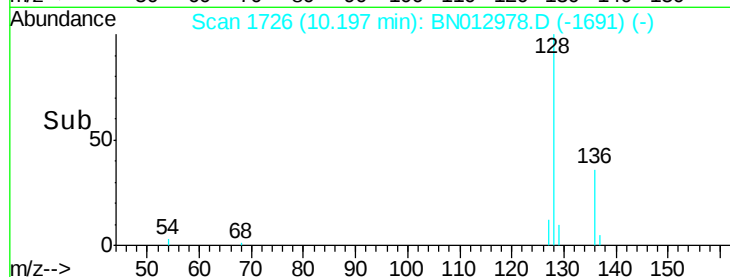
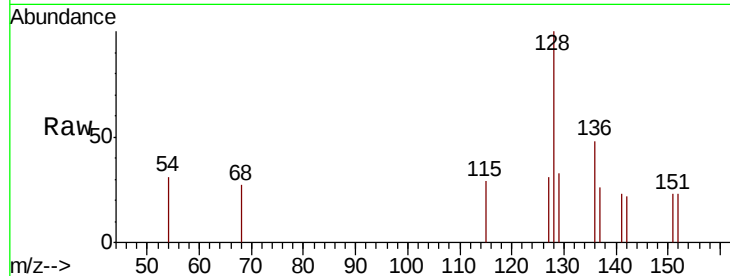
ClientSampled :

C0B95DL

Tot Ion:	128	Resp:	296
Ion Ratio	Lower	Upper	
128	100		
129	33.5	12.3	18.5#
127	30.8	14.2	21.4#

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#7

Acenaphthylene

Concen: 0.068 ng/ul

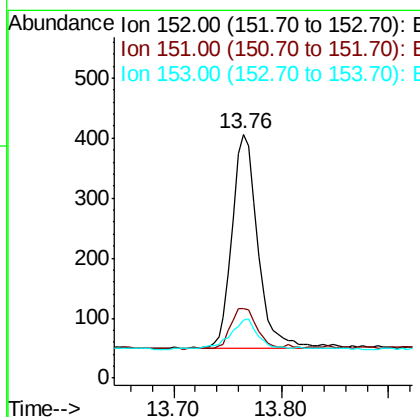
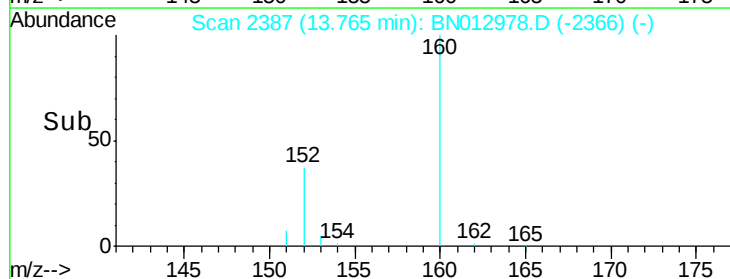
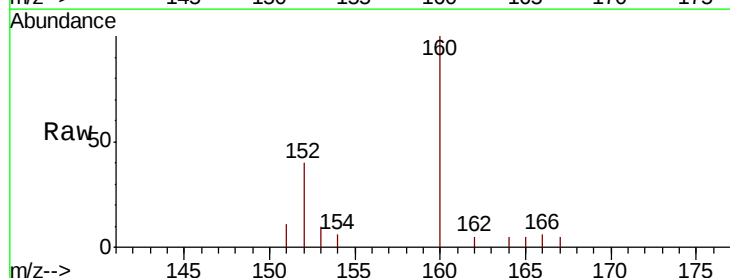
RT: 13.76 min Scan# 2387

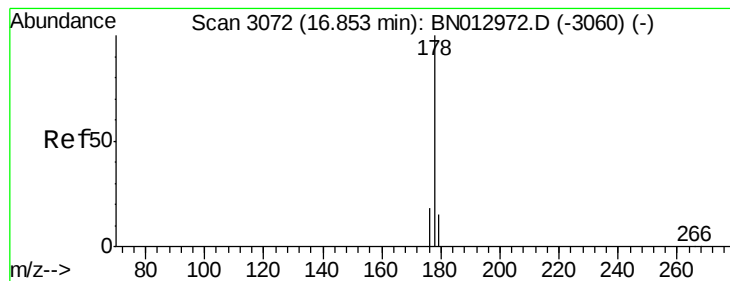
Delta R.T. -0.00 min

Lab File: BN012978.D

Acq: 08 Dec 2020 16:40

Tgt Ion:	152	Resp:	596
Ion Ratio	Lower	Upper	
152	100		
151	28.3	18.2	27.4#
153	23.9	13.1	19.7#





#12

Phenanthrene

Concen: 0.309 ng/ul

RT: 16.85 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN012978.D

Acq: 08 Dec 2020 16:40

Instrument :

BNA_N

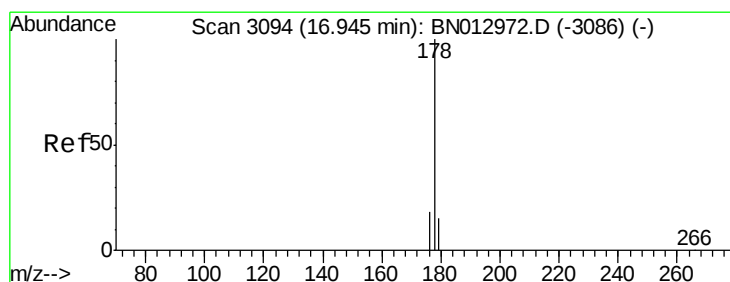
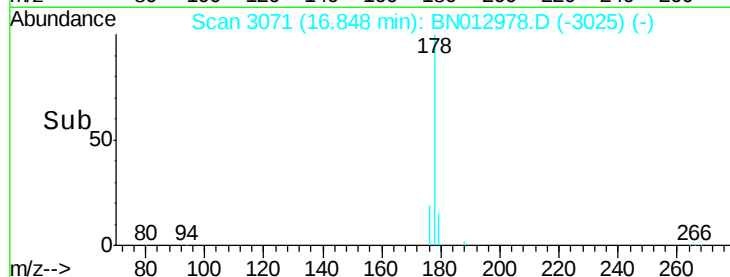
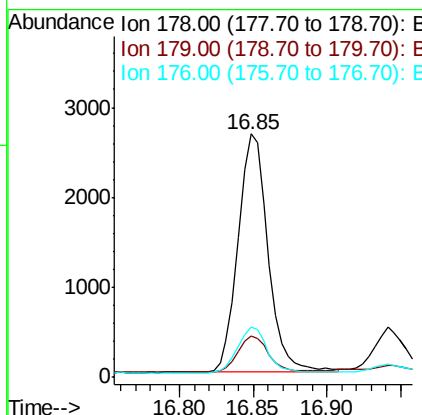
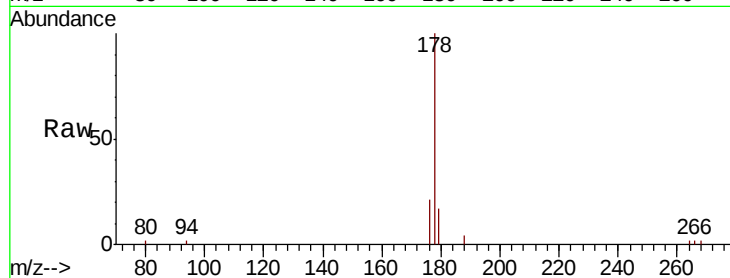
ClientSampleId :

C0B95DL

Tot Ion:178	Resp:	3758
Ion Ratio	Lower	Upper
178	100	
179	17.1	13.6 20.4
176	20.9	16.4 24.6

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#13

Anthracene

Concen: 0.069 ng/ul

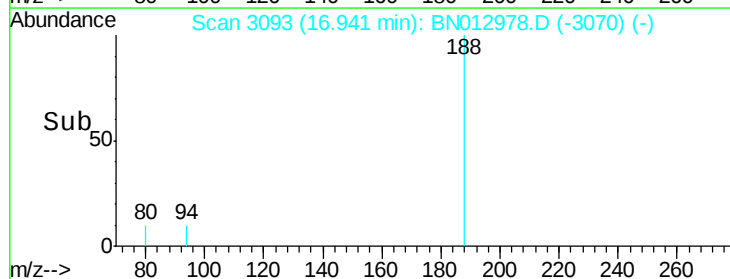
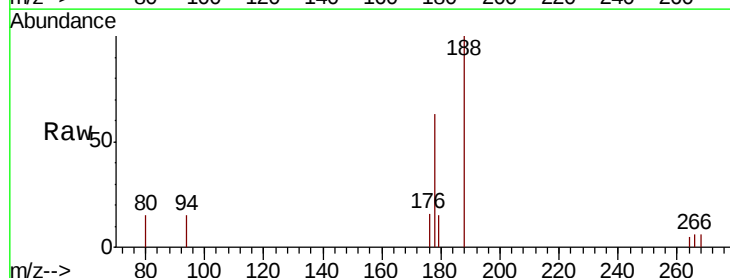
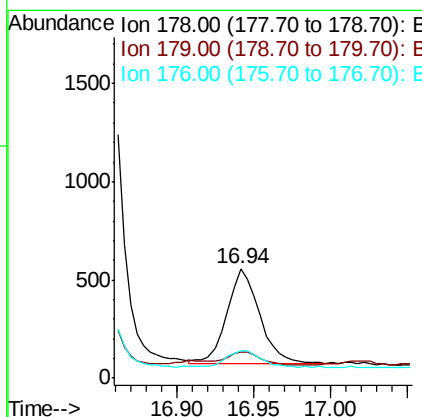
RT: 16.94 min Scan# 3093

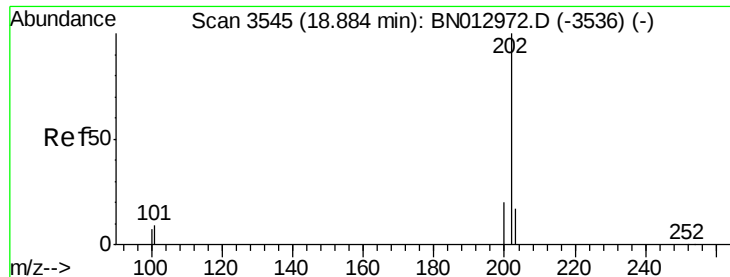
Delta R.T. -0.00 min

Lab File: BN012978.D

Acq: 08 Dec 2020 16:40

Tgt Ion:178	Resp:	716
Ion Ratio	Lower	Upper
178	100	
179	23.7	14.6 21.8#
176	25.5	17.1 25.7





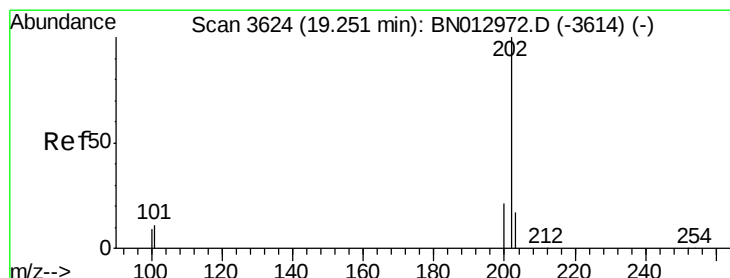
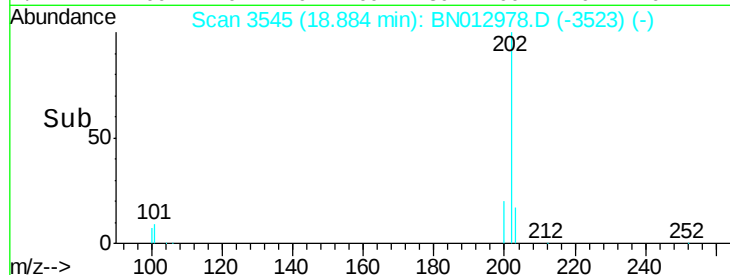
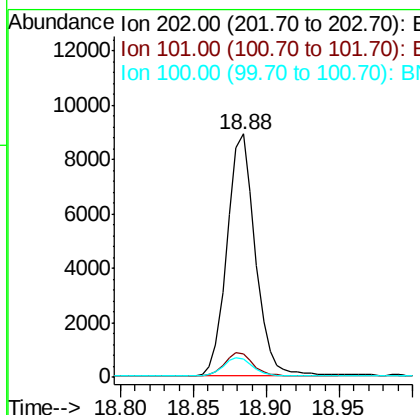
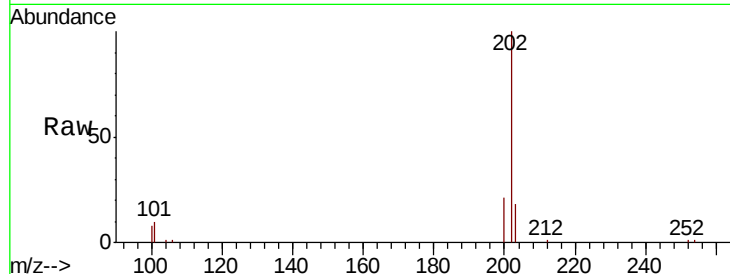
#15
Fluoranthene
 Concen: 0.827 ng/ul
 RT: 18.88 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: BN012978.D
 Acq: 08 Dec 2020 16:40

Instrument :
 BNA_N
 ClientSampleId :
 C0B95DL

Tot Ion:202	Resp:	11963
Ion Ratio	Lower	Upper
202 100		
101 9.5	0.0	30.6
100 7.6	0.0	28.7

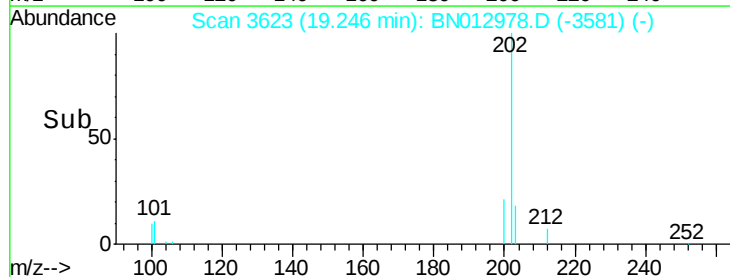
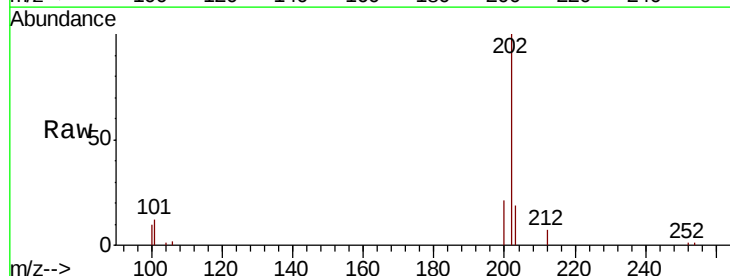
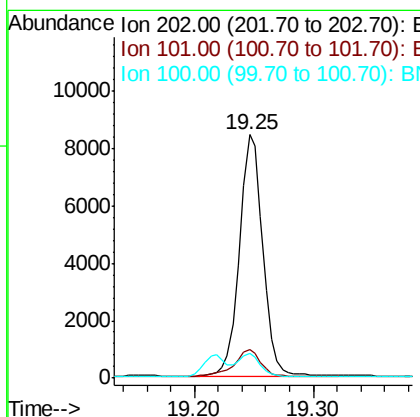
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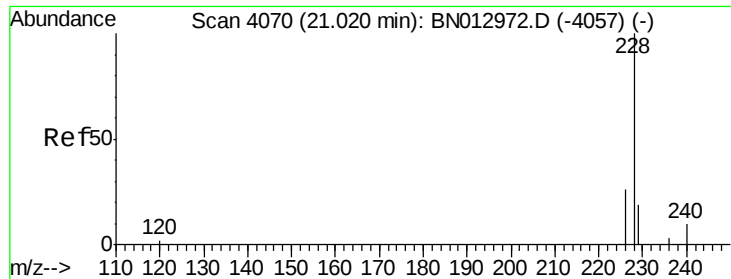
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#17
Pyrene
 Concen: 0.954 ng/ul
 RT: 19.25 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: BN012978.D
 Acq: 08 Dec 2020 16:40

Tgt Ion:202	Resp:	11483
Ion Ratio	Lower	Upper
202 100		
101 11.8	9.1	13.7
100 10.1	7.5	11.3





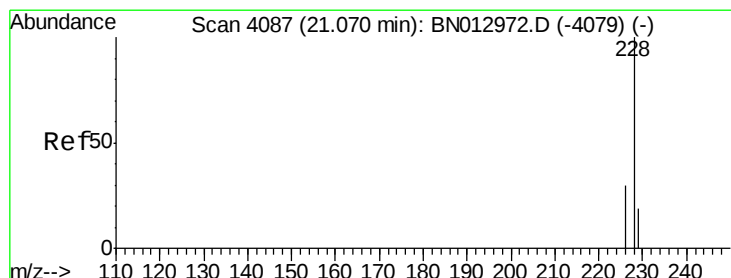
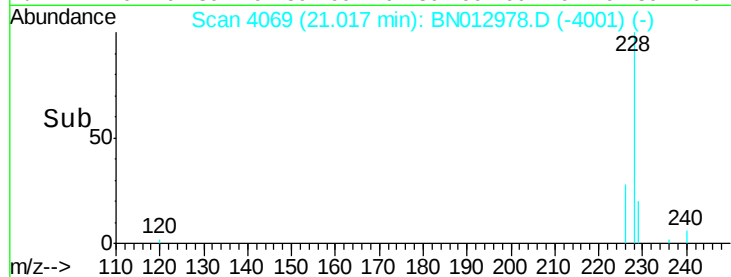
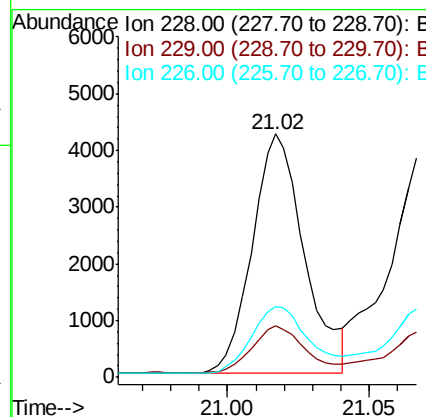
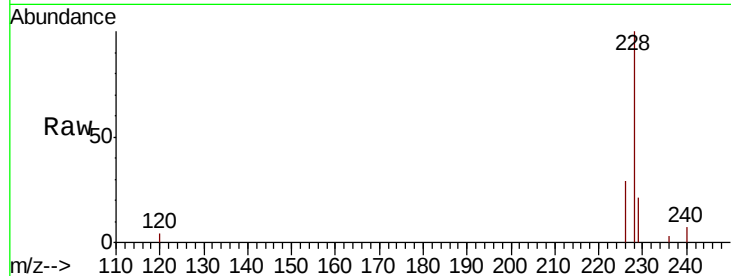
#18
Benzo(a)anthracene
Concen: 0.515 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.00 min
Lab File: BN012978.D
Acq: 08 Dec 2020 16:40

Instrument :
BNA_N
ClientSampleId :
C0B95DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.3	24.5
226	29.1	23.4	35.2

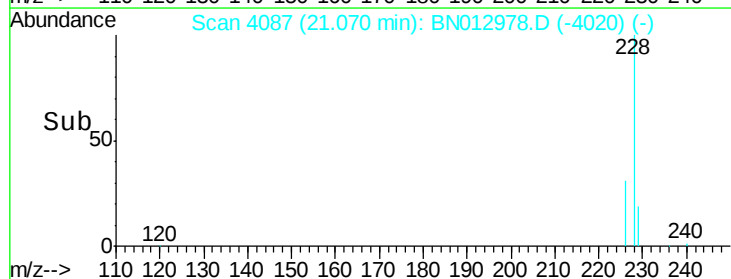
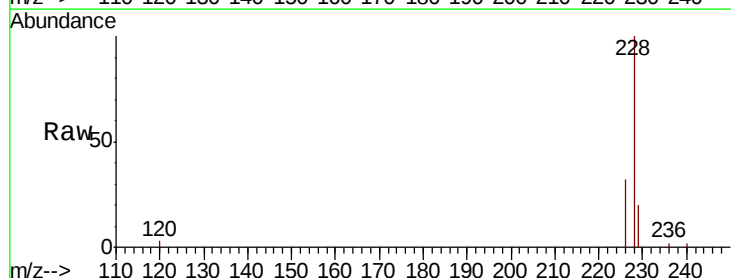
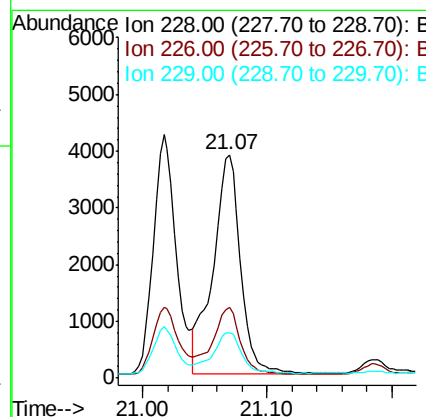
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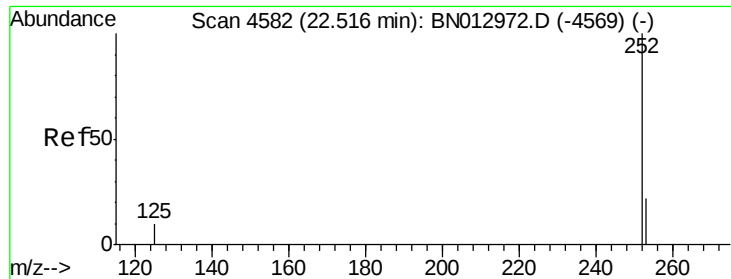
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#19
Chrysene
Concen: 0.516 ng/ul
RT: 21.07 min Scan# 4087
Delta R.T. -0.00 min
Lab File: BN012978.D
Acq: 08 Dec 2020 16:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.4	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 0.742 ng/ul m

RT: 22.52 min Scan# 4583

Delta R.T. 0.00 min

Lab File: BN012978.D

Acq: 08 Dec 2020 16:40

Instrument :

BNA_N

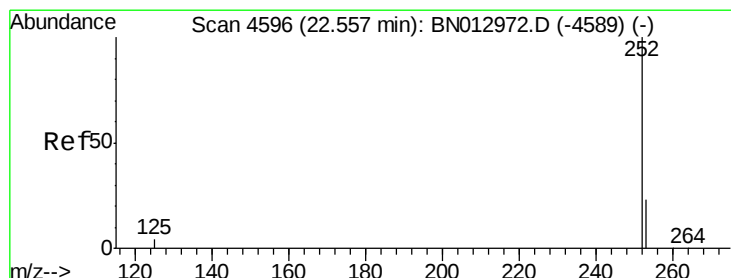
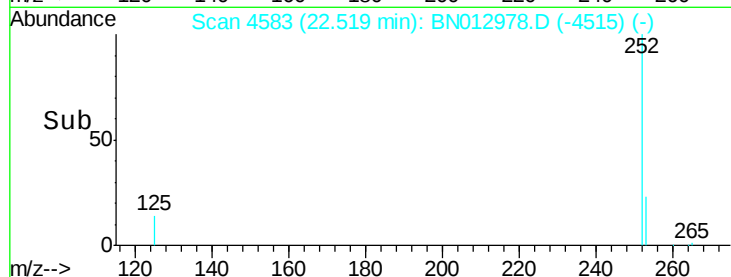
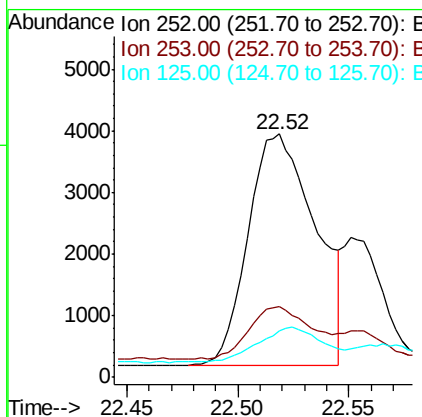
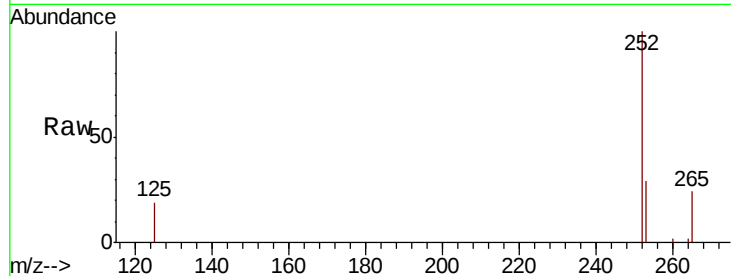
ClientSampleId :

C0B95DL

Tot Ion:	252	Resp:	8004
Ion Ratio	Lower	Upper	
252	100		
253	29.0	0.0	59.6
125	19.3	0.0	26.0

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#22

Benzo(k)fluoranthene

Concen: 0.222 ng/ul m

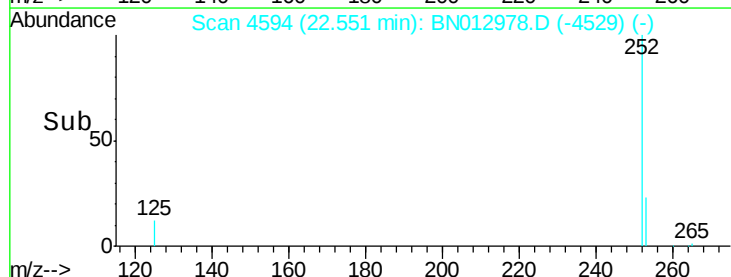
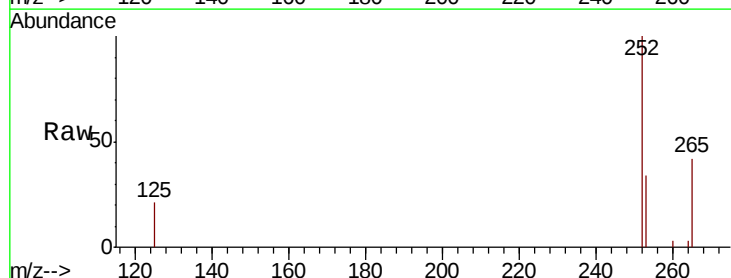
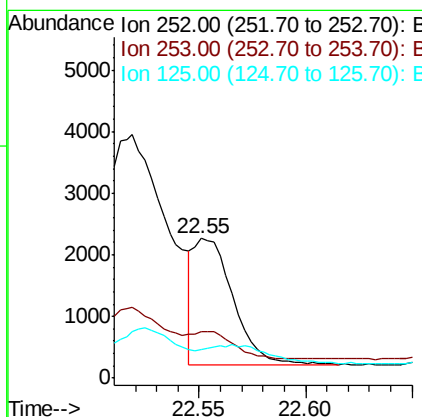
RT: 22.55 min Scan# 4594

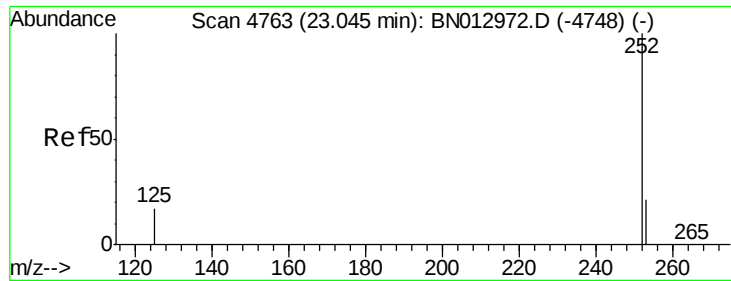
Delta R.T. -0.01 min

Lab File: BN012978.D

Acq: 08 Dec 2020 16:40

Tgt Ion:	252	Resp:	2641
Ion Ratio	Lower	Upper	
252	100		
253	33.7	23.4	35.2
125	20.7	11.1	16.7#





#23

Benzo(a)pyrene

Concen: 0.498 ng/ul m

RT: 23.04 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN012978.D

Acq: 08 Dec 2020 16:40

Instrument :

BNA_N

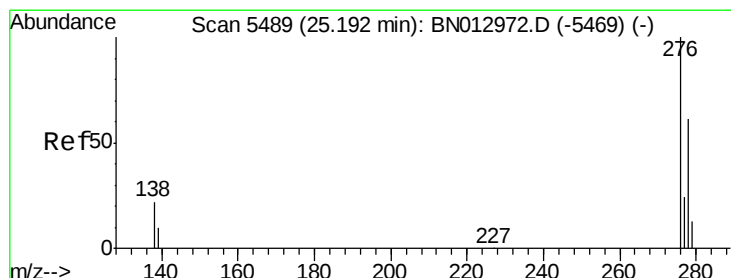
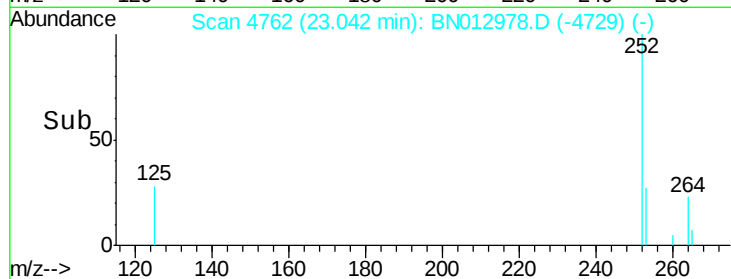
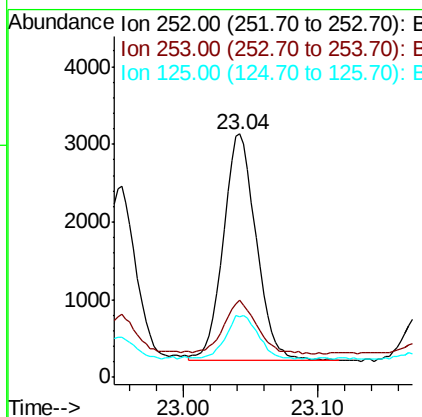
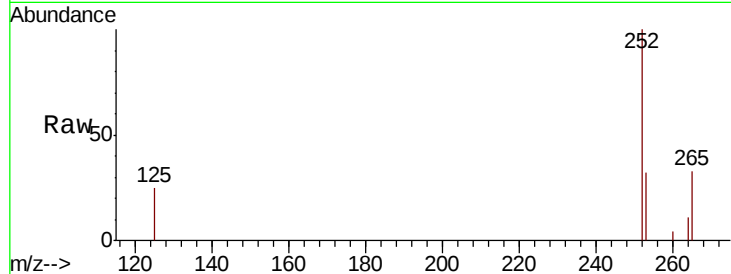
ClientSampleId :

C0B95DL

Tot Ion:	252	Resp:	4988
Ion Ratio	Lower	Upper	
252	100		
253	31.6	26.5	39.7
125	24.8	14.2	21.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.259 ng/ul

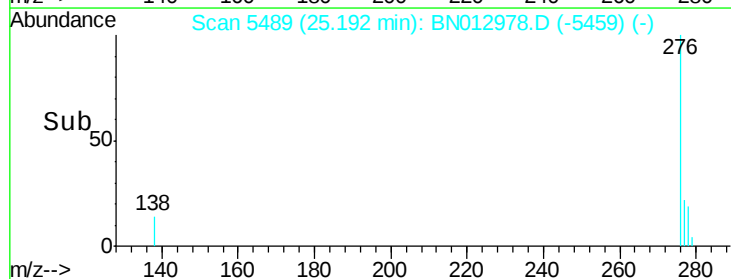
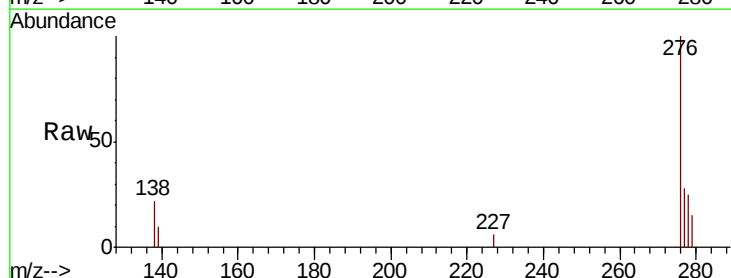
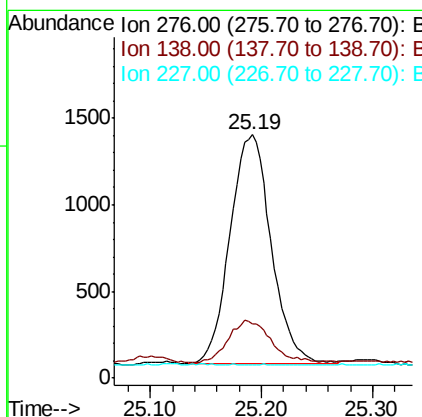
RT: 25.19 min Scan# 5489

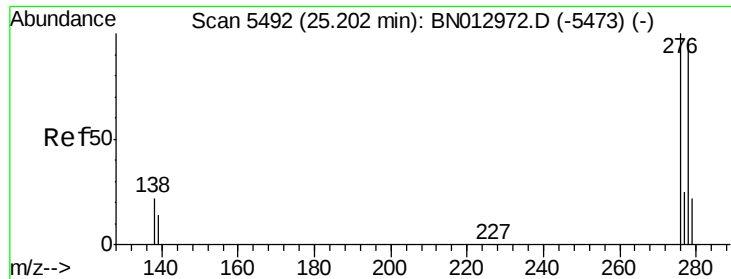
Delta R.T. 0.00 min

Lab File: BN012978.D

Acq: 08 Dec 2020 16:40

Tgt Ion:	276	Resp:	3402
Ion Ratio	Lower	Upper	
276	100		
138	19.2	16.2	24.2
227	0.1	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.081 ng/ul

RT: 25.19 min Scan# 5489

Delta R.T. -0.02 min

Lab File: BN012978.D

Acq: 08 Dec 2020 16:40

Instrument :

BNA_N

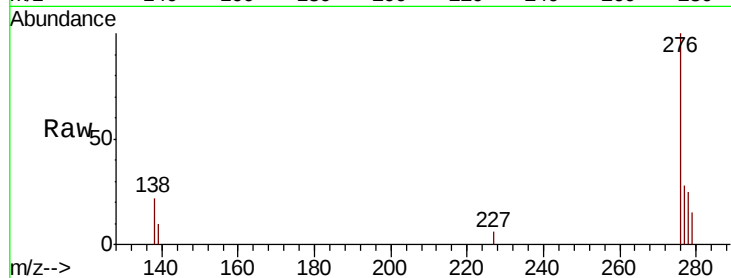
ClientSampled :

C0B95DL

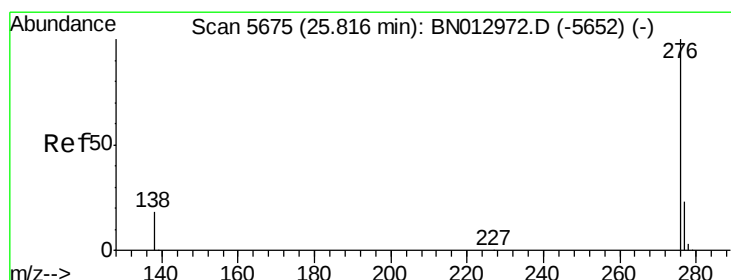
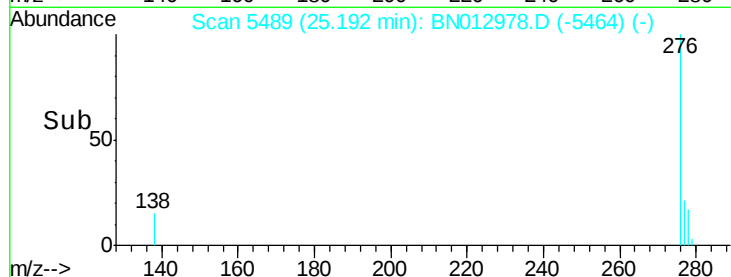
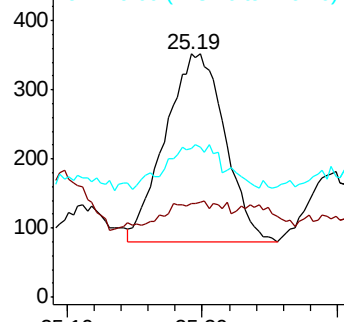
Tot Ion:	278	Resp:	844
Ion Ratio	Lower	Upper	
278	100		
139	38.4	14.5	21.7#
279	61.4	26.3	39.5#

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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(g,h,i)perylene

Concen: 0.265 ng/ul

RT: 25.82 min Scan# 5675

Delta R.T. -0.01 min

Lab File: BN012978.D

Acq: 08 Dec 2020 16:40

Tgt Ion:	276	Resp:	3153
Ion Ratio	Lower	Upper	
276	100		
138	25.6	16.3	24.5#
277	30.0	21.8	32.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

