

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012980.D
 Acq On : 08 Dec 2020 17:52
 Operator : CG/JU
 Sample : L4862-05DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B56DL

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Quant Time: Dec 09 00:29:15 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 : Wed Dec 09 00:11:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1227	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4902	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2737	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5454	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3753	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3368	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	294	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	603	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	370	0.029	ng/ul#	73
12) Phenanthrene	16.85	178	5311	0.290	ng/ul	100
13) Anthracene	16.94	178	1312	0.084	ng/ul#	94
15) Fluoranthene	18.88	202	15735	0.724	ng/ul	96
17) Pyrene	19.25	202	12714	0.717	ng/ul	98
18) Benzo(a)anthracene	21.02	228	5263	0.339	ng/ul	99
19) Chrysene	21.07	228	5590	0.326	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	6527m	0.419	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	2639m	0.153	ng/ul	
23) Benzo(a)pyrene	23.04	252	4103	0.284	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.19	276	2742	0.144	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	666	0.044	ng/ul#	42
26) Benzo(g,h,i)perylene	25.82	276	2373	0.138	ng/ul#	92

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

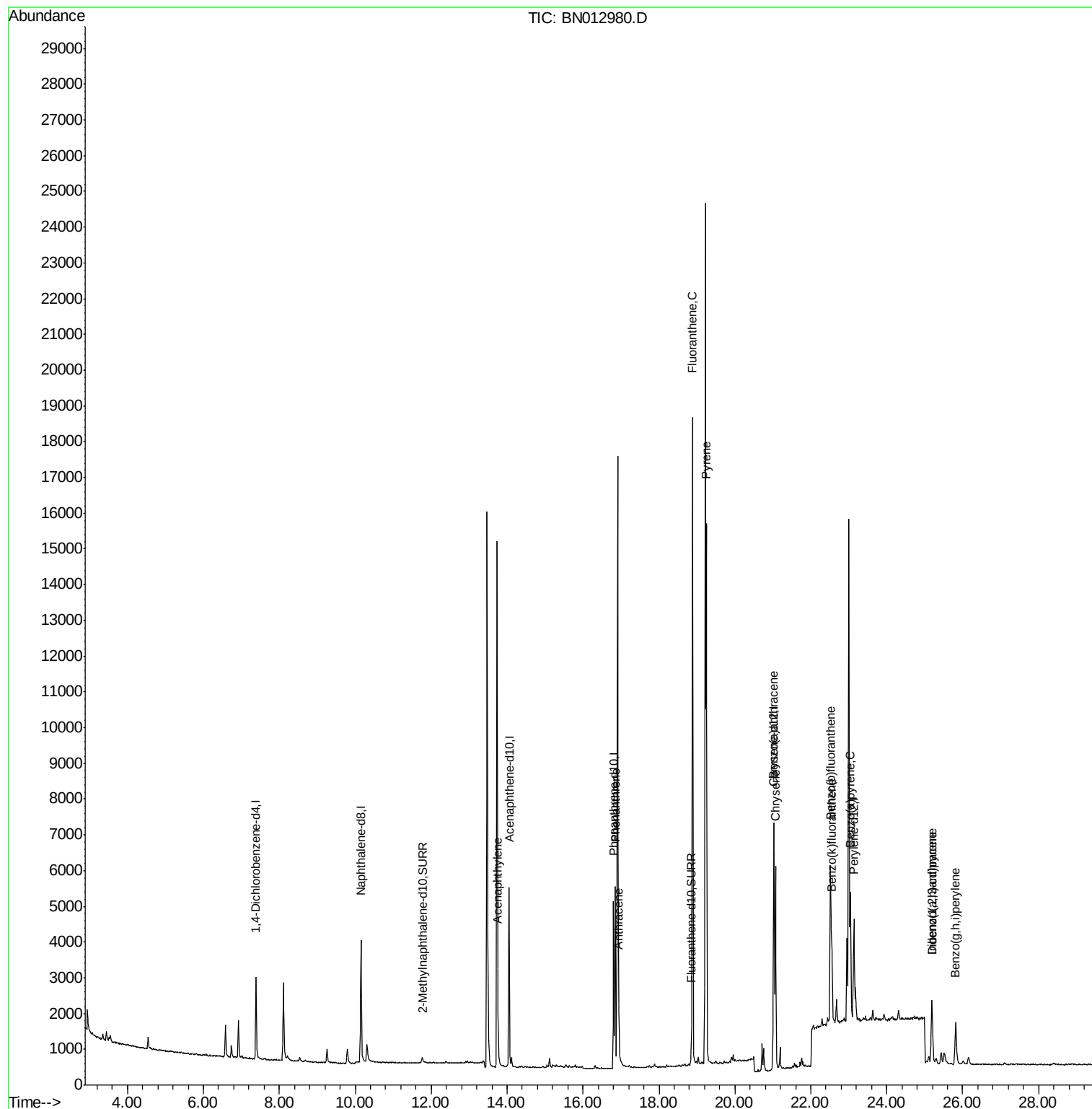
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012980.D
Acq On : 08 Dec 2020 17:52
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Sample : L4862-05DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

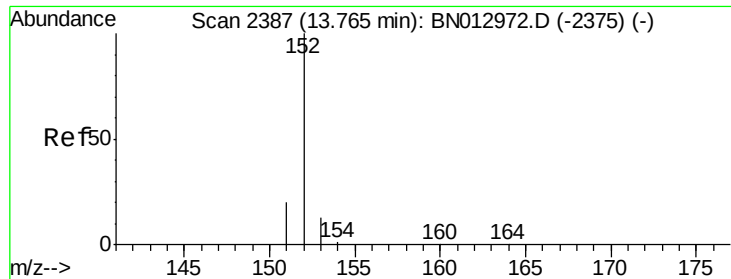
Instrument :
BNA_N
ClientSampleId :
C0B56DL

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Quant Time: Dec 09 00:29:15 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 : Wed Dec 09 00:11:42 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Instrument :

BNA_N

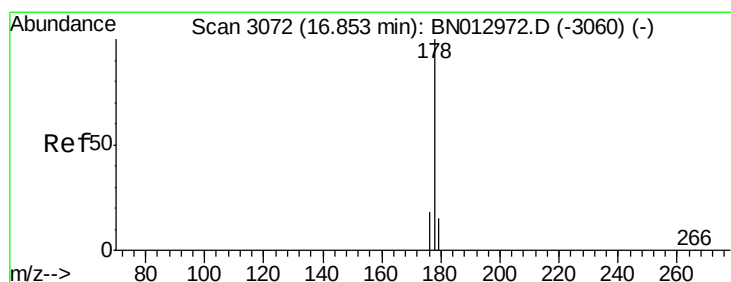
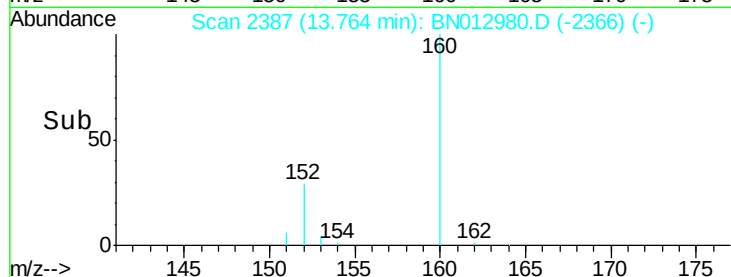
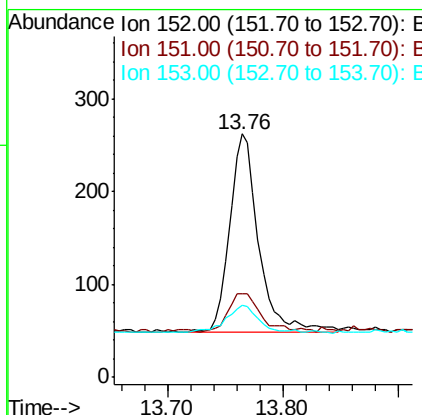
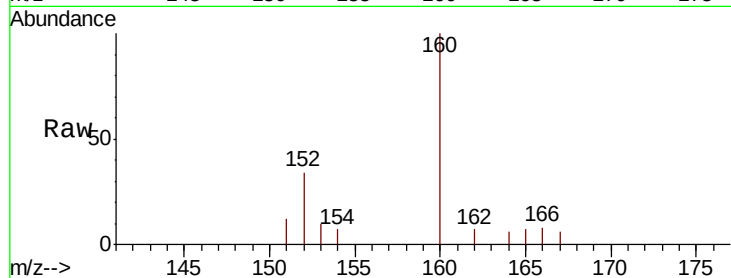
ClientSampleId :

C0B56DL

Tot Ion:	152	Resp:	370
Ion Ratio	Lower	Upper	
152	100		
151	34.4	18.2	27.4#
153	29.4	13.1	19.7#

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#12

Phenanthrene

Concen: 0.290 ng/ul

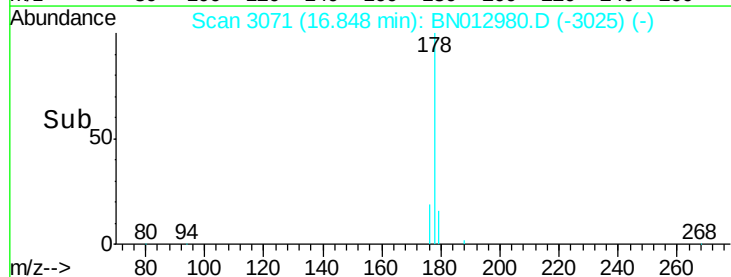
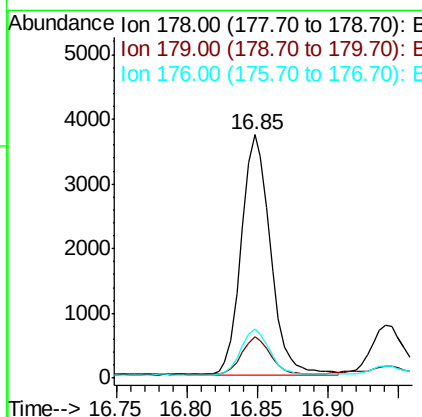
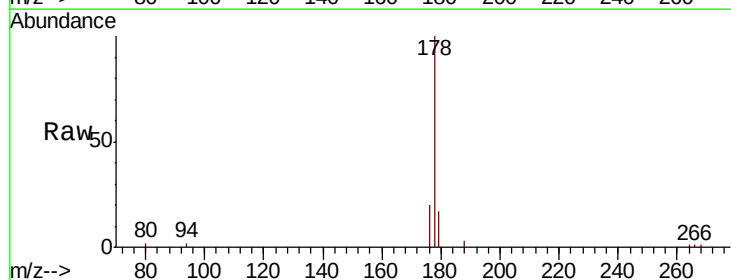
RT: 16.85 min Scan# 3071

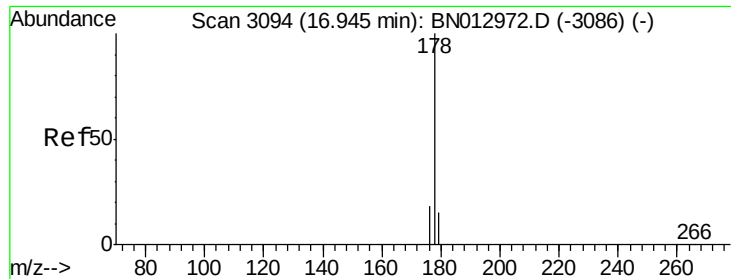
Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Tgt Ion:	178	Resp:	5311
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.6	20.4
176	20.4	16.4	24.6





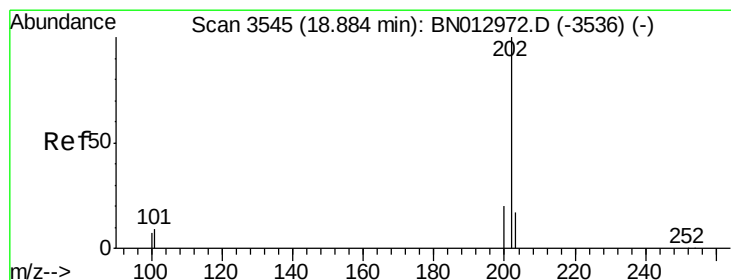
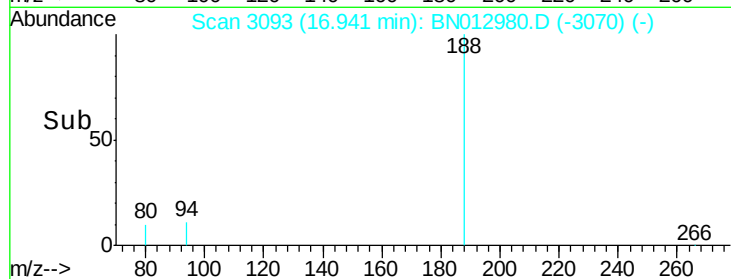
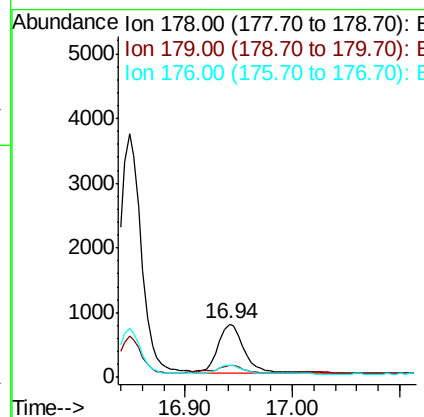
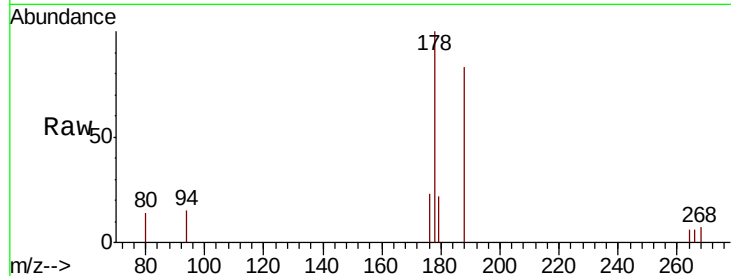
#13
 Anthracene
 Concen: 0.084 ng/ul
 RT: 16.94 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BN012980.D
 Acq: 08 Dec 2020 17:52

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	22.2	14.6	21.8#
176	23.0	17.1	25.7

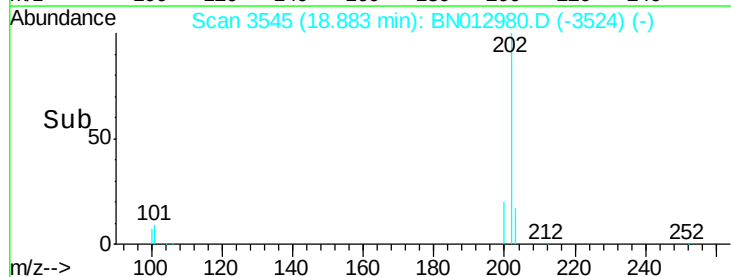
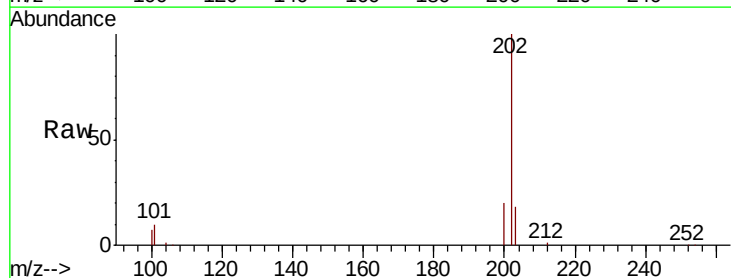
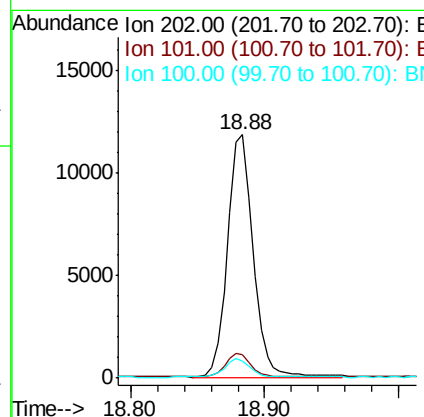
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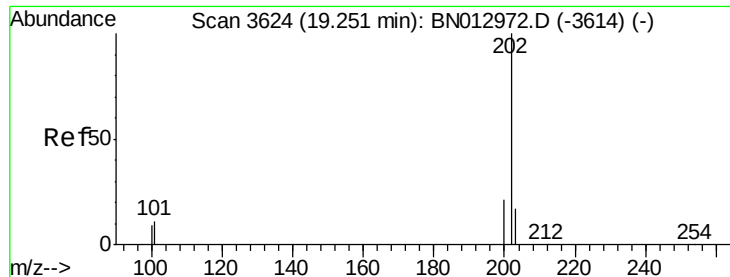
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#15
 Fluoranthene
 Concen: 0.724 ng/ul
 RT: 18.88 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: BN012980.D
 Acq: 08 Dec 2020 17:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.6
100	7.1	0.0	28.7





#17

Pyrene

Concen: 0.717 ng/ul

RT: 19.25 min Scan# 3623

Delta R.T. -0.01 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Instrument :

BNA_N

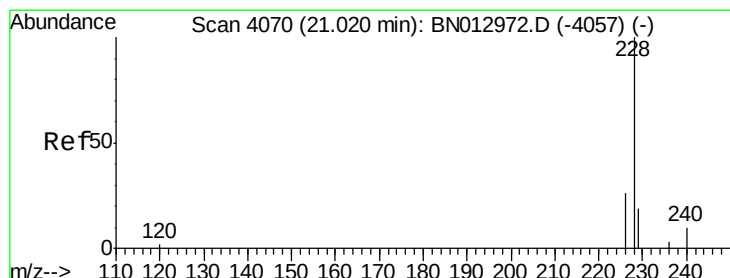
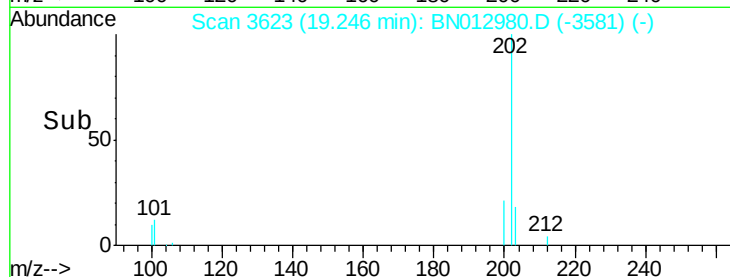
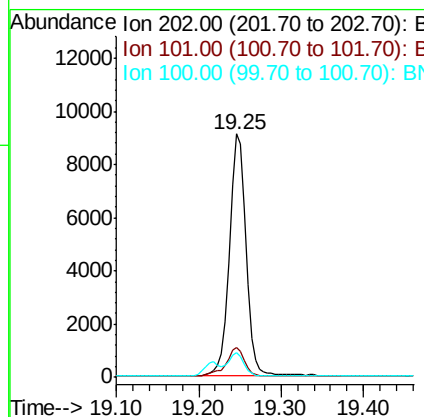
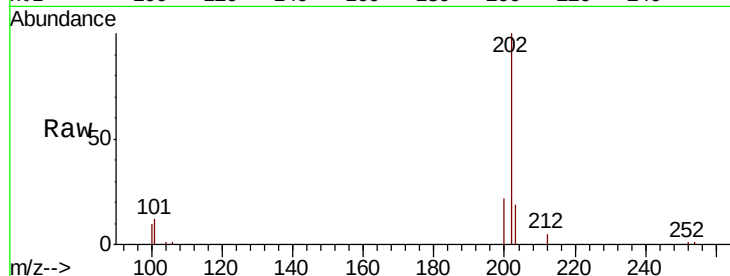
ClientSampleId :

C0B56DL

Tot Ion:	202	Resp:	12714
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.1	13.7
100	10.2	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 0.339 ng/ul

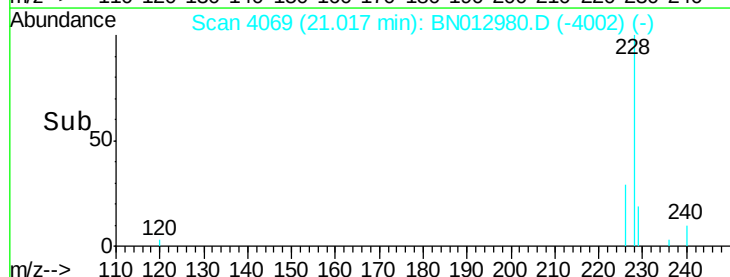
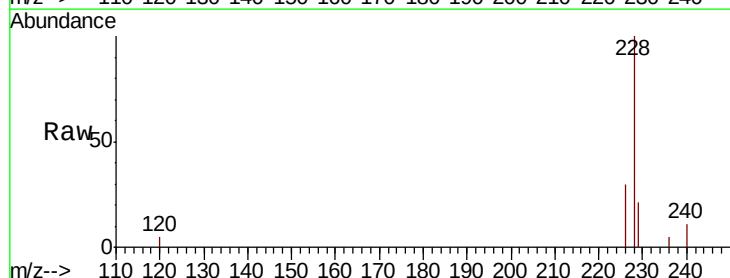
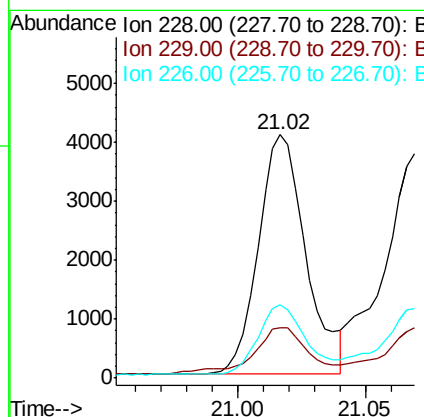
RT: 21.02 min Scan# 4069

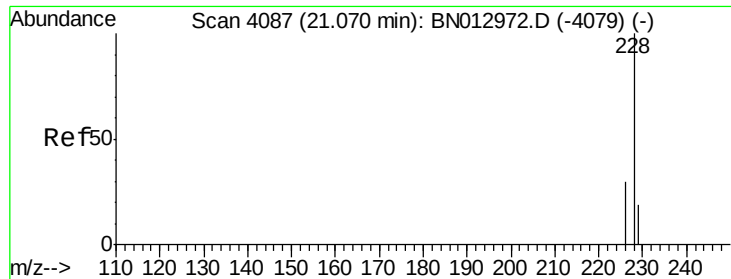
Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Tgt Ion:	228	Resp:	5263
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.3	24.5
226	30.0	23.4	35.2





#19

Chrysene

Concen: 0.326 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Instrument :

BNA_N

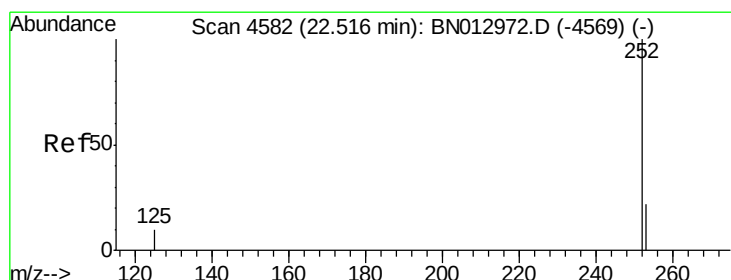
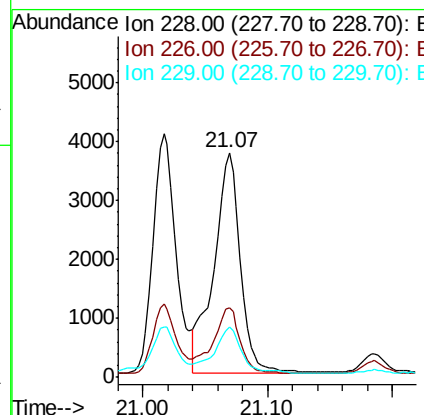
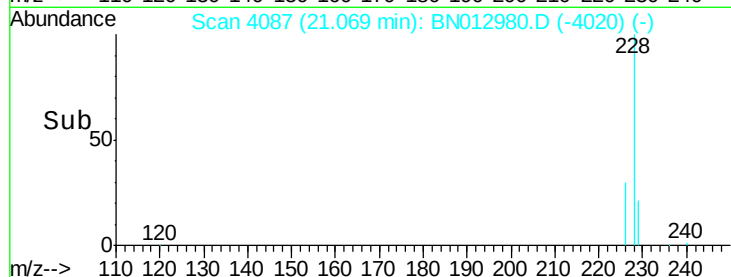
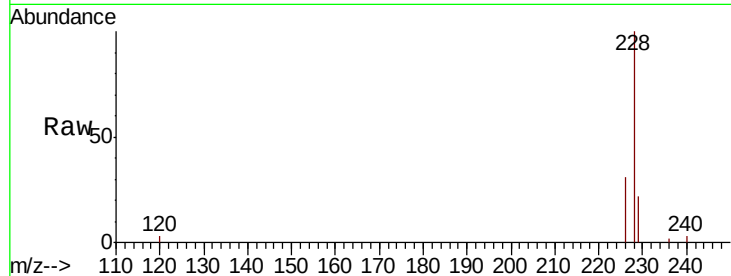
ClientSampled :

C0B56DL

Tot Ion:228	Resp:	5590
Ion Ratio	Lower	Upper
228 100		
226 31.0	25.0	37.6
229 22.3	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 0.419 ng/ul m

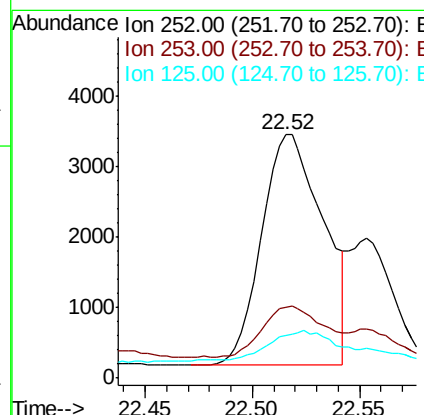
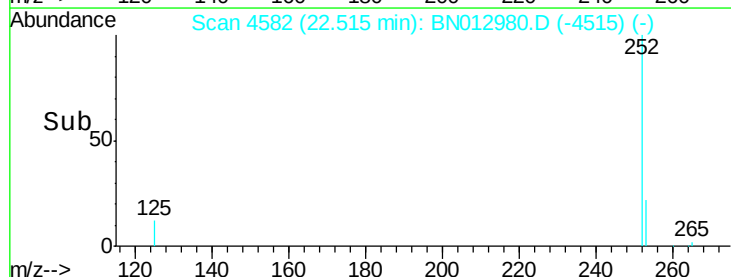
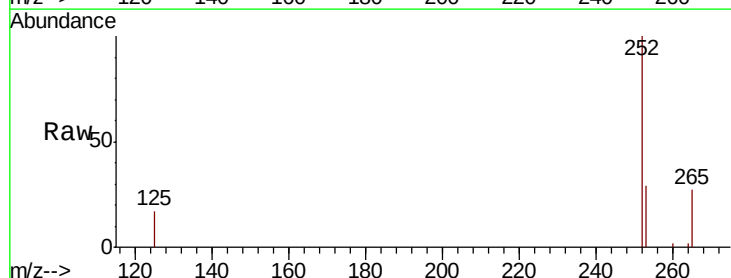
RT: 22.52 min Scan# 4582

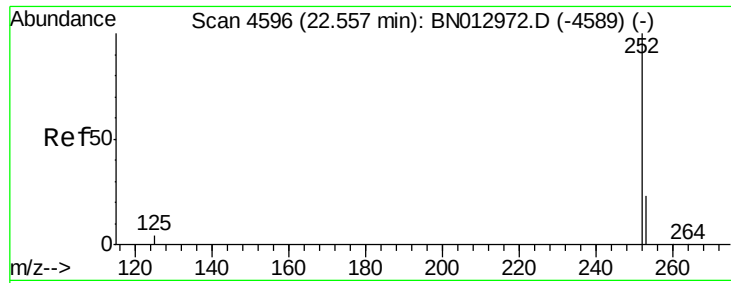
Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Tgt Ion:252	Resp:	6527
Ion Ratio	Lower	Upper
252 100		
253 29.3	0.0	59.6
125 17.4	0.0	26.0





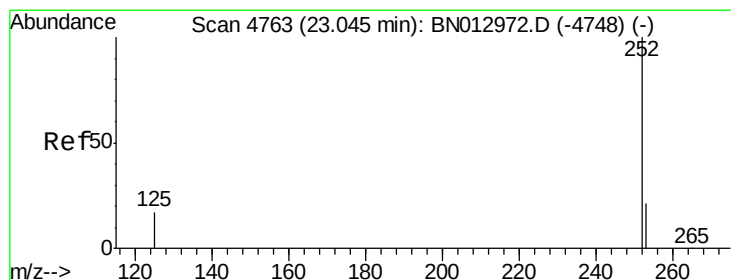
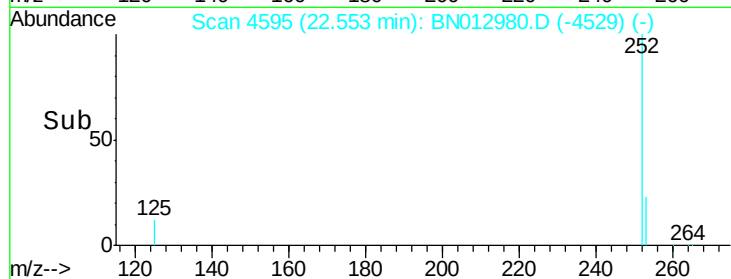
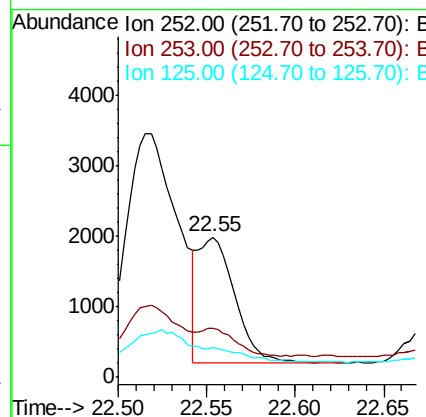
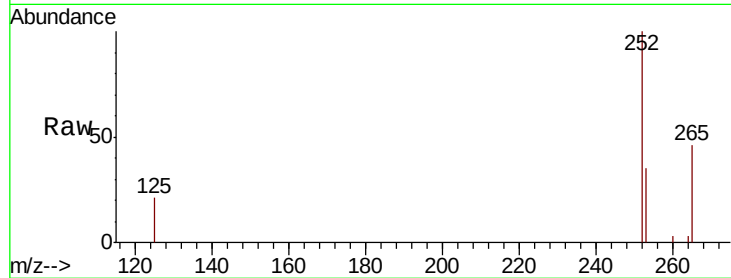
#22
Benzo(k)fluoranthene
Concen: 0.153 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN012980.D
Acq: 08 Dec 2020 17:52

Instrument :
BNA_N
ClientSampleId :
C0B56DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.3	23.4	35.2#
125	21.1	11.1	16.7#

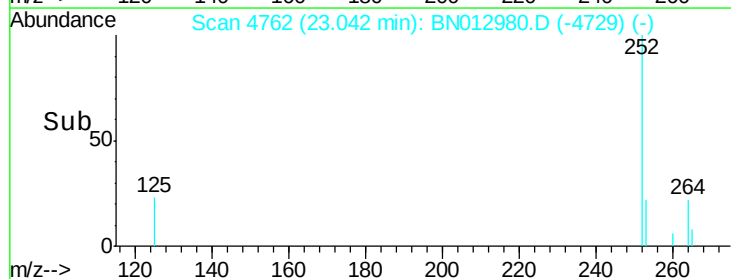
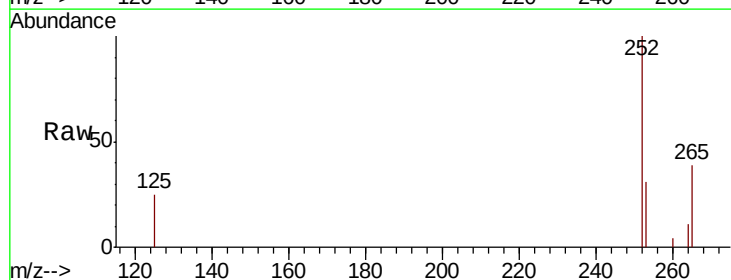
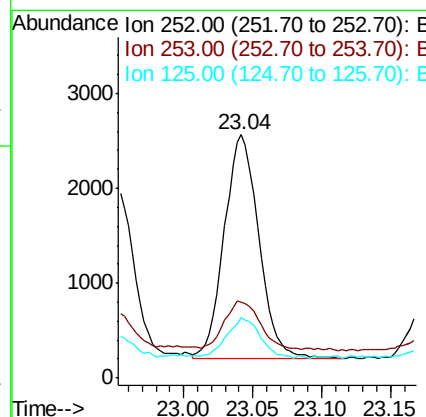
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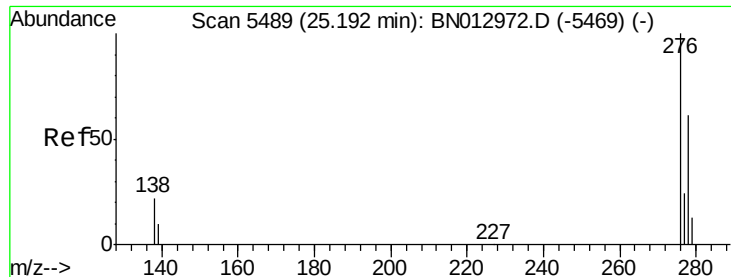
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#23
Benzo(a)pyrene
Concen: 0.284 ng/ul
RT: 23.04 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN012980.D
Acq: 08 Dec 2020 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.3	26.5	39.7
125	24.6	14.2	21.2#





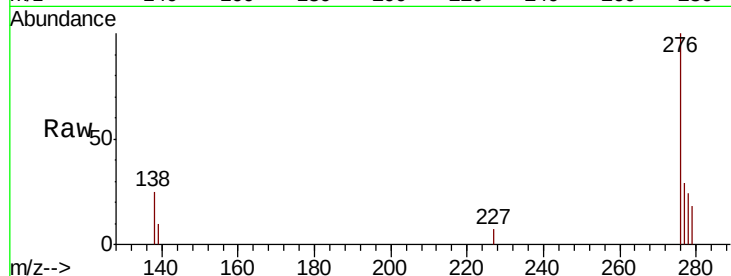
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.144 ng/ul
 RT: 25.19 min Scan# 5489
 Delta R.T. -0.00 min
 Lab File: BN012980.D
 Acq: 08 Dec 2020 17:52

Instrument :
 BNA_N
 ClientSampleId :
 C0B56DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.2	24.2
227	0.4	0.0	0.0

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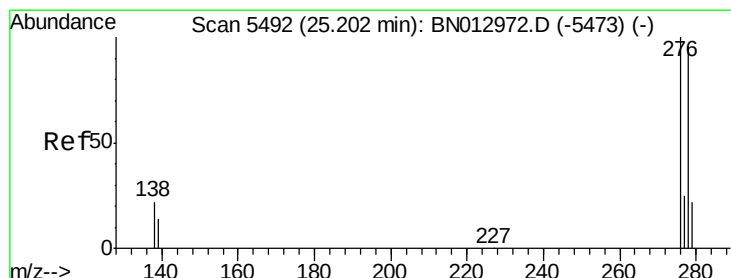
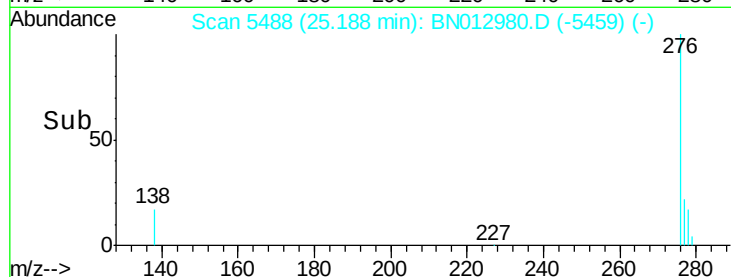
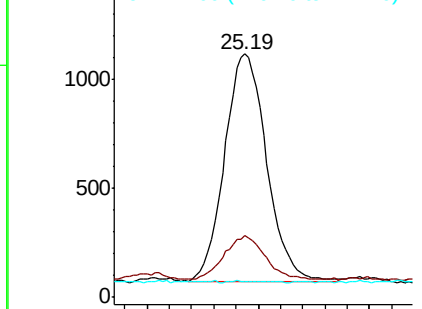


Abundance

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: 0.044 ng/ul
 RT: 25.19 min Scan# 5490
 Delta R.T. -0.01 min
 Lab File: BN012980.D
 Acq: 08 Dec 2020 17:52

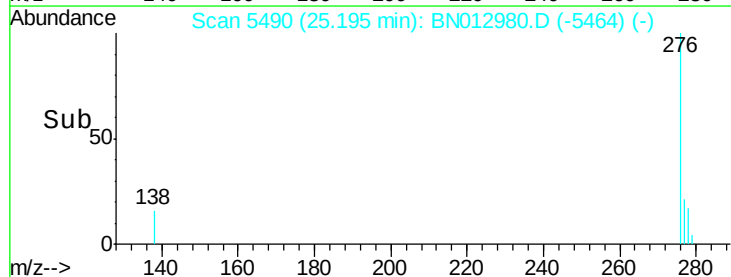
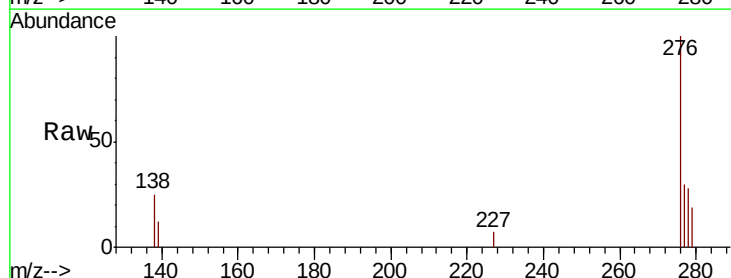
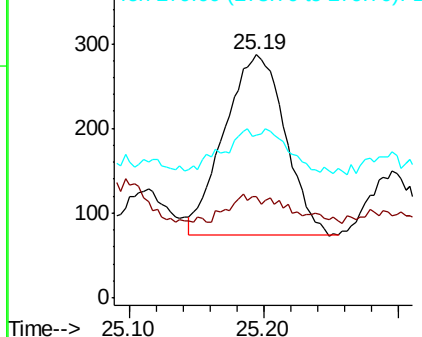
Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.5	14.5	21.7
279	66.9	26.3	39.5

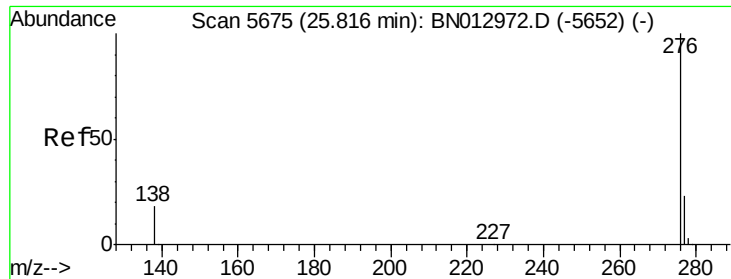
Abundance

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





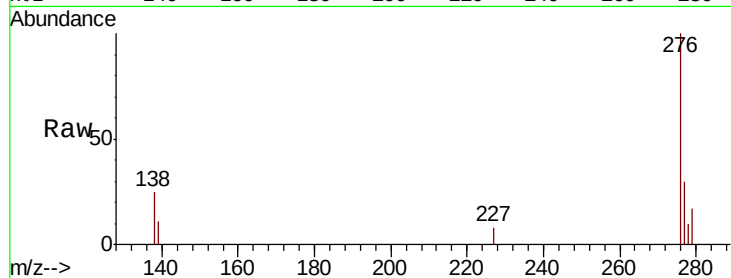
#26
 Benzo(a,h,i)perylene
 Concen: 0.138 ng/ul
 RT: 25.82 min Scan# 5675
 Delta R.T. -0.01 min
 Lab File: BN012980.D
 Acq: 08 Dec 2020 17:52

Instrument :
 BNA_N
 ClientSampleId :
 C0B56DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	16.3	24.5#
277	30.2	21.8	32.6

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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

