

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012974.D
 Acq On : 08 Dec 2020 14:15
 Operator : CG/JU
 Sample : L4862-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ4

Manual Integrations
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Quant Time: Dec 08 15:59:21 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 : Tue Dec 08 14:22:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1372	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5697	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	3223	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	6828m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	5385	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4507	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2461	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	4956	0.27	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	862	0.057	ng/ul#	87
12) Phenanthrene	16.85	178	5823	0.254	ng/ul	99
13) Anthracene	16.94	178	1329	0.068	ng/ul#	95
15) Fluoranthene	18.88	202	25270	0.929	ng/ul	98
17) Pyrene	19.25	202	23327	0.917	ng/ul	99
18) Benzo(a)anthracene	21.02	228	12338	0.554	ng/ul	99
19) Chrysene	21.07	228	15159	0.616	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	21601m	1.036	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	7493m	0.325	ng/ul	
23) Benzo(a)pyrene	23.04	252	12214	0.631	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.19	276	8461	0.333	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.19	278	2066	0.103	ng/ul#	72
26) Benzo(g,h,i)perylene	25.82	276	8413	0.366	ng/ul	97

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

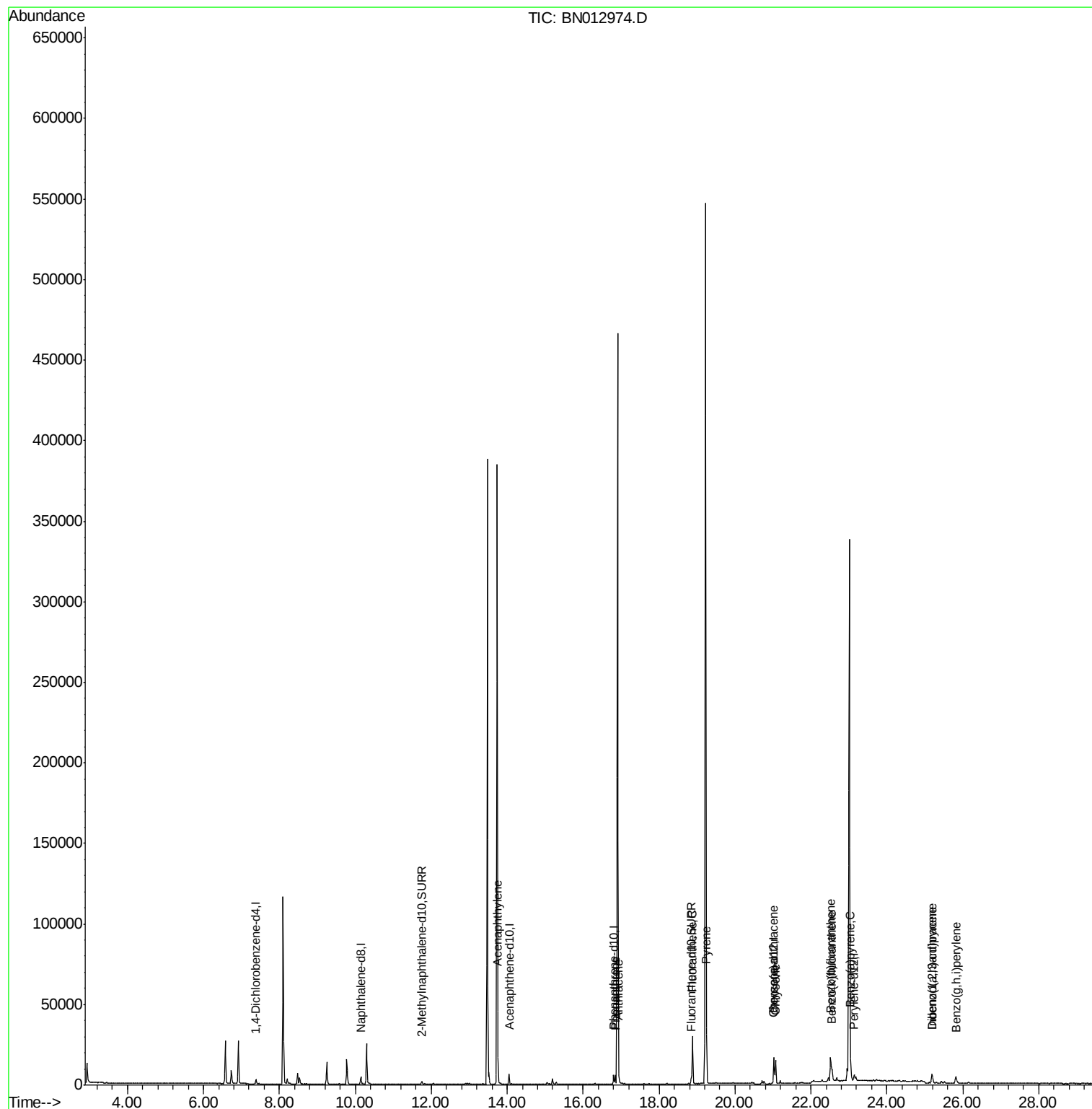
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012974.D
Acq On : 08 Dec 2020 14:15
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Misc :
ALS Vial : 44 Sample Multiplier: 1

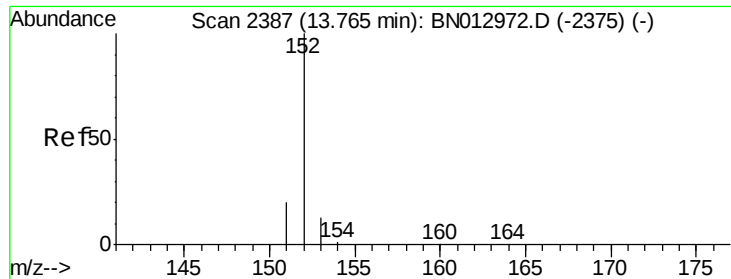
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 08 15:59:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 14:22:19 2020
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#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN012974.D

Acq: 08 Dec 2020 14:15

Instrument :

BNA_N

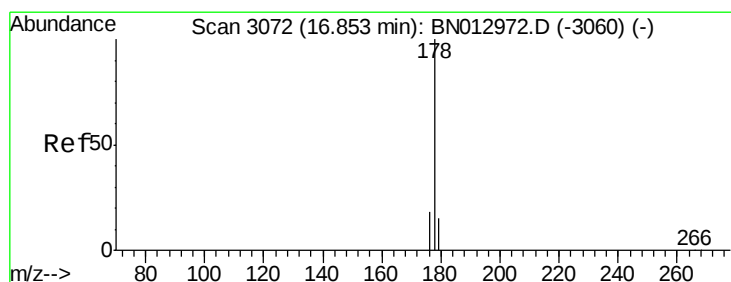
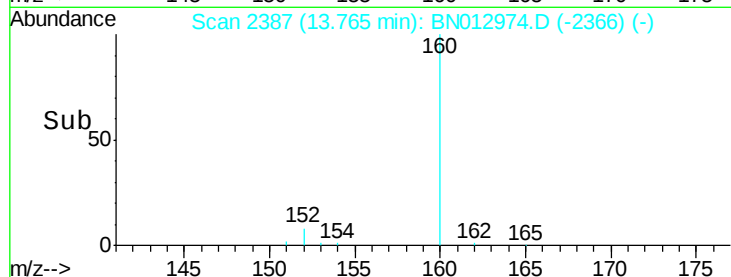
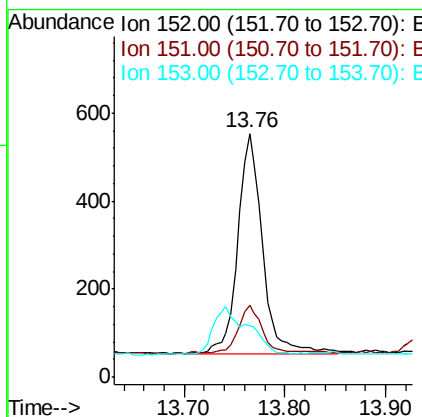
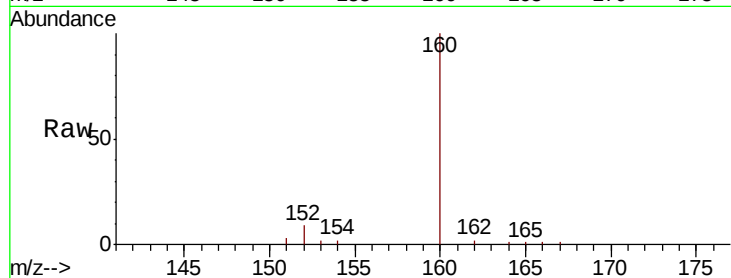
ClientSampleId :

C0AZ4

Tot Ion:	152	Resp:	862
Ion Ratio	Lower	Upper	
152	100		
151	29.5	18.2	27.4#
153	21.3	13.1	19.7#

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#12

Phenanthrene

Concen: 0.254 ng/ul

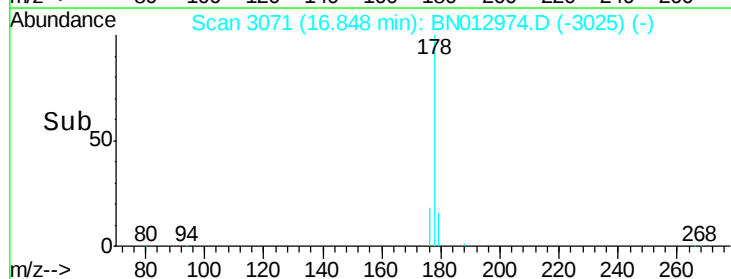
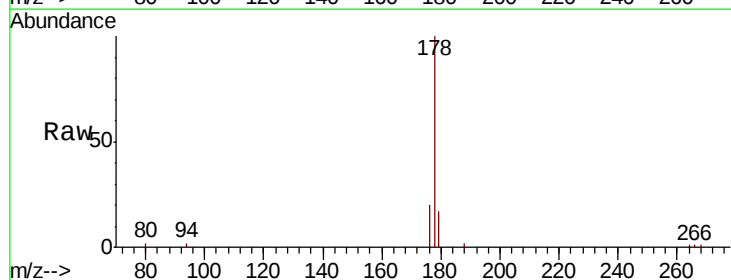
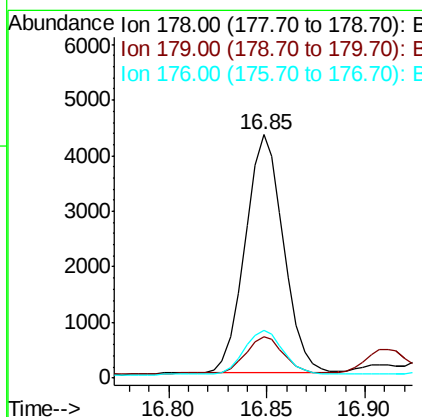
RT: 16.85 min Scan# 3071

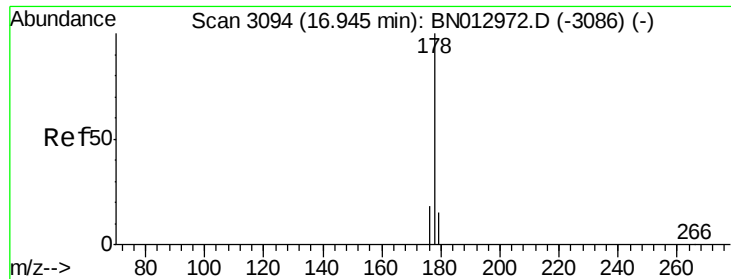
Delta R.T. -0.00 min

Lab File: BN012974.D

Acq: 08 Dec 2020 14:15

Tgt Ion:	178	Resp:	5823
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.6	20.4
176	19.6	16.4	24.6





#13

Anthracene

Concen: 0.068 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN012974.D

Acq: 08 Dec 2020 14:15

Instrument :

BNA_N

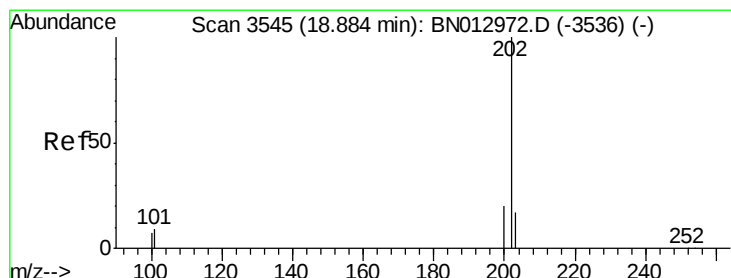
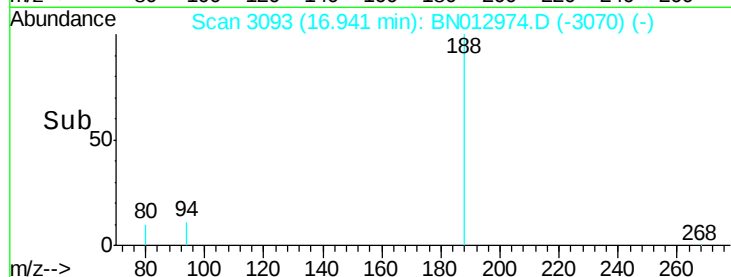
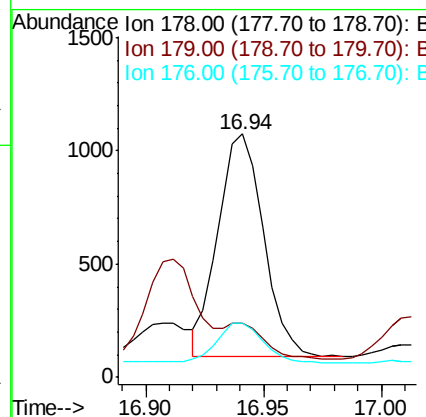
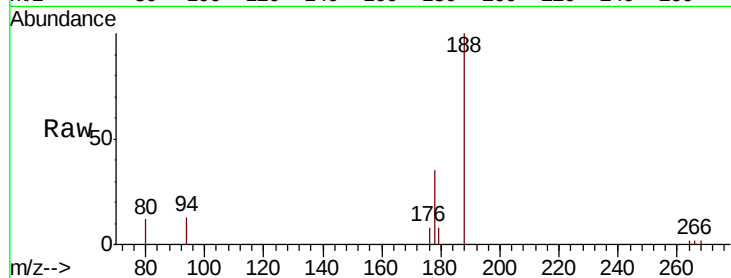
ClientSampleId :

C0AZ4

Tot Ion:	178	Resp:	1329
Ion Ratio	Lower	Upper	
178	100		
179	22.2	14.6	21.8#
176	22.5	17.1	25.7

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#15

Fluoranthene

Concen: 0.929 ng/ul

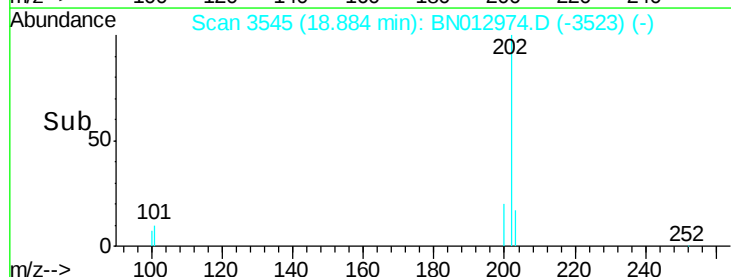
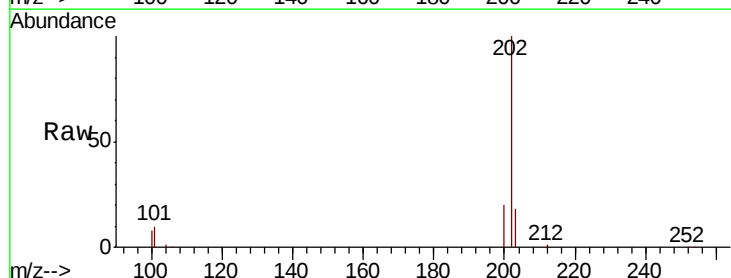
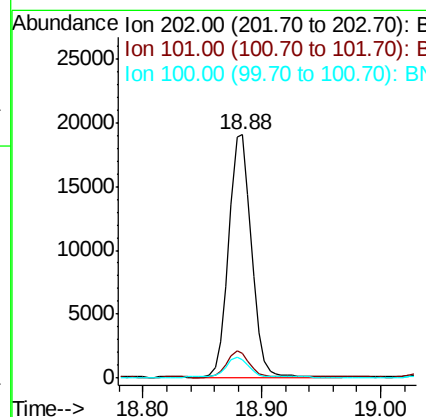
RT: 18.88 min Scan# 3545

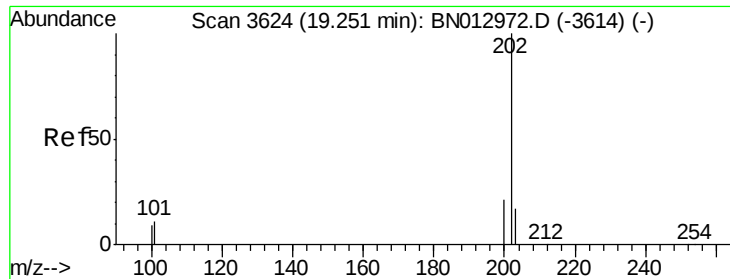
Delta R.T. -0.00 min

Lab File: BN012974.D

Acq: 08 Dec 2020 14:15

Tgt Ion:	202	Resp:	25270
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.6
100	7.6	0.0	28.7





#17

Pvrene

Concen: 0.917 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN012974.D

Acq: 08 Dec 2020 14:15

Instrument :

BNA_N

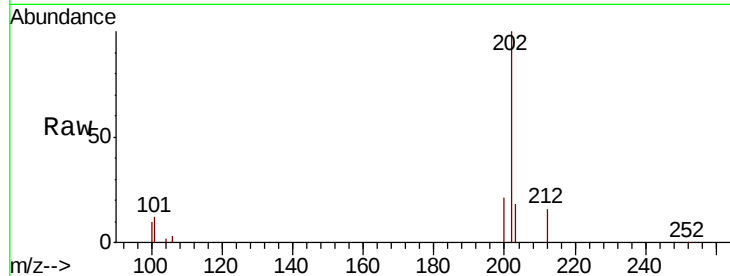
ClientSampleId :

C0AZ4

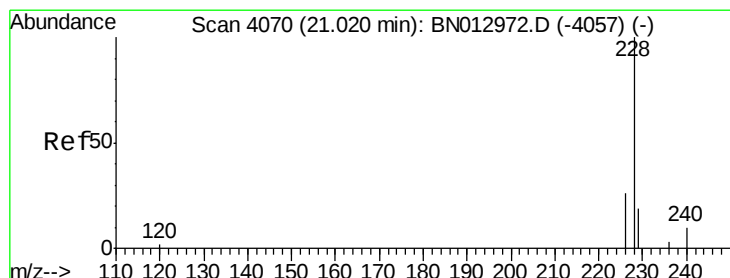
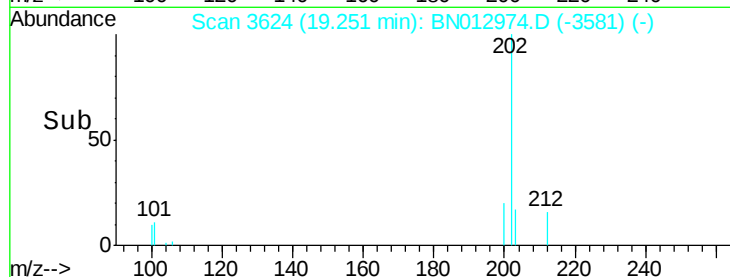
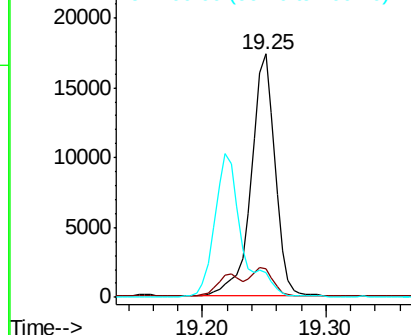
Tot Ion:	202	Resp:	23327
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.1	13.7
100	9.9	7.5	11.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.554 ng/ul

RT: 21.02 min Scan# 4069

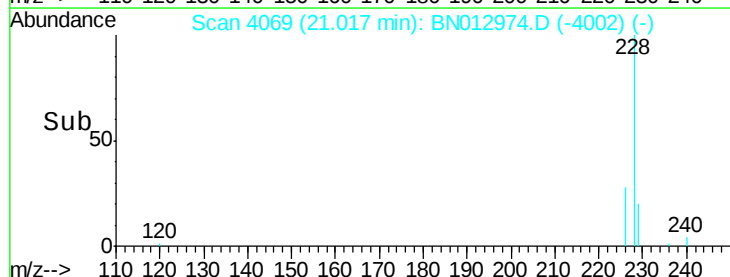
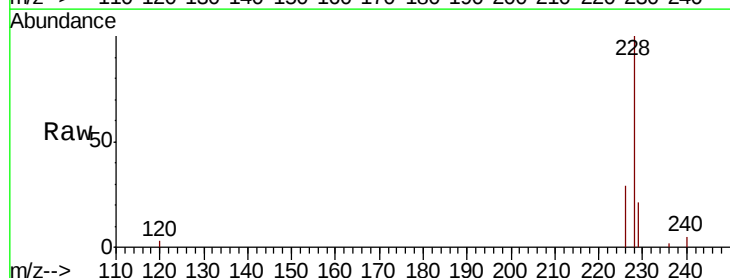
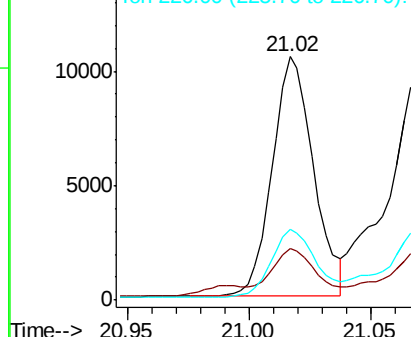
Delta R.T. -0.00 min

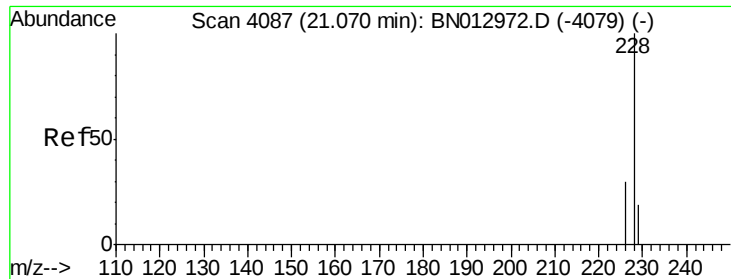
Lab File: BN012974.D

Acq: 08 Dec 2020 14:15

Tgt Ion:	228	Resp:	12338
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.3	24.5
226	29.2	23.4	35.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.616 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012974.D

Acq: 08 Dec 2020 14:15

Instrument :

BNA_N

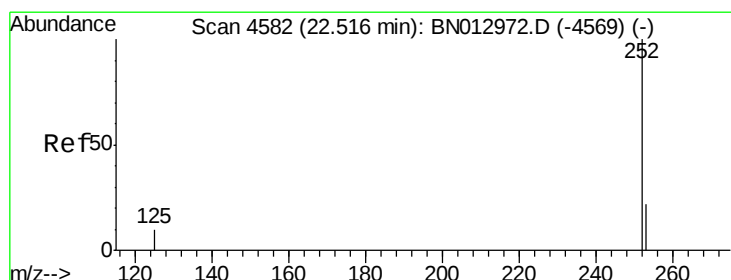
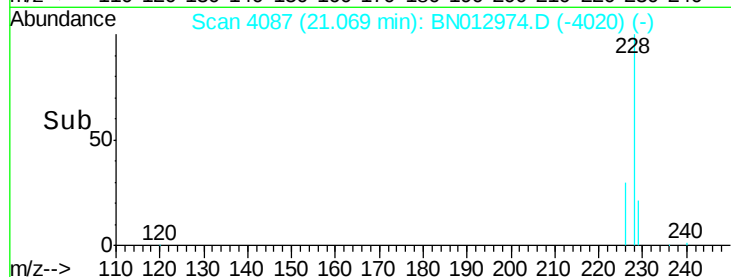
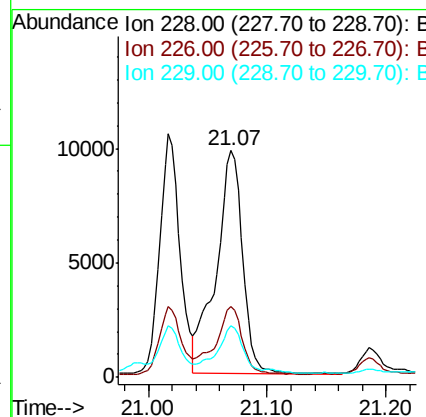
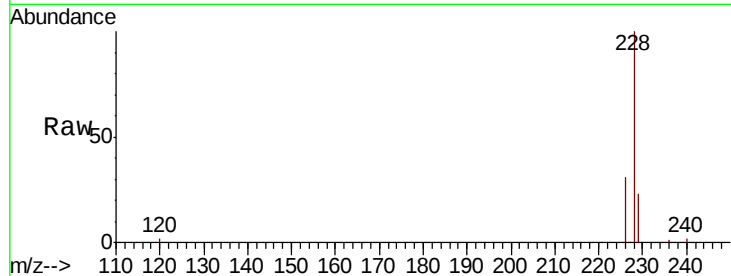
ClientSampleId :

C0AZ4

Tot Ion:	228	Resp:	15159
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	22.5	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 1.036 ng/ul m

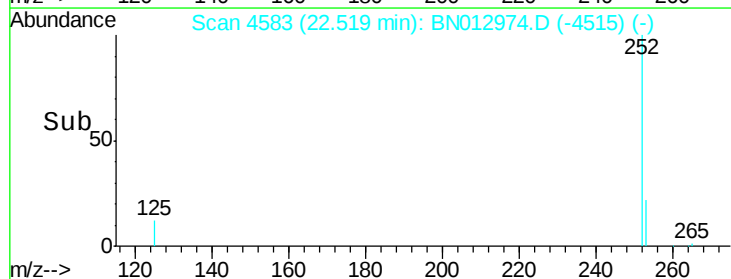
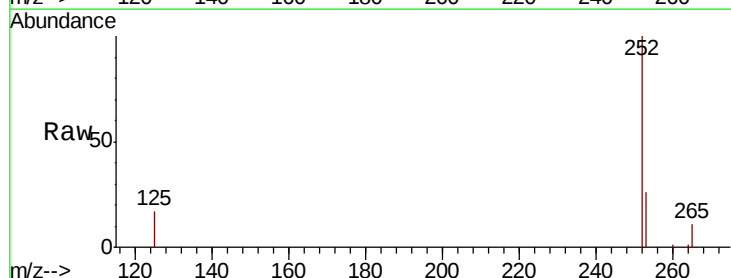
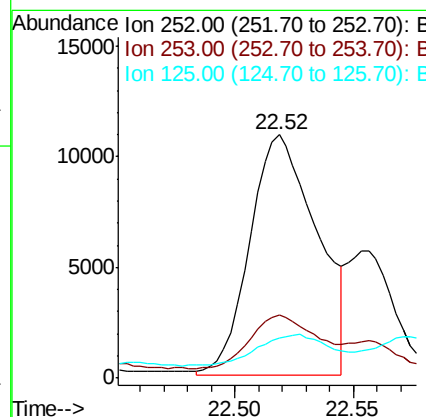
RT: 22.52 min Scan# 4583

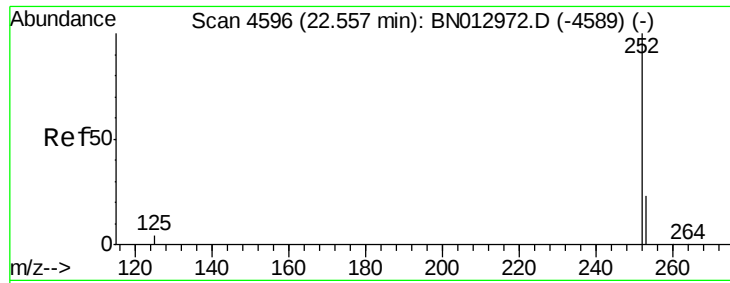
Delta R.T. -0.00 min

Lab File: BN012974.D

Acq: 08 Dec 2020 14:15

Tgt Ion:	252	Resp:	21601
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	59.6
125	16.5	0.0	26.0





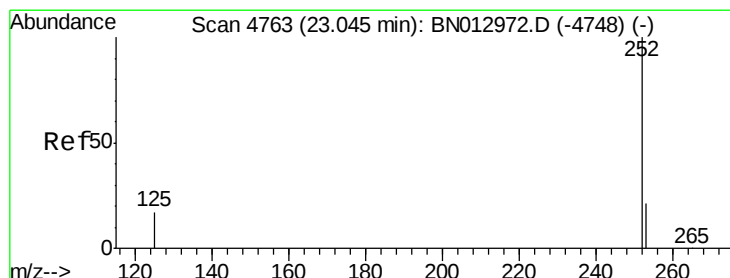
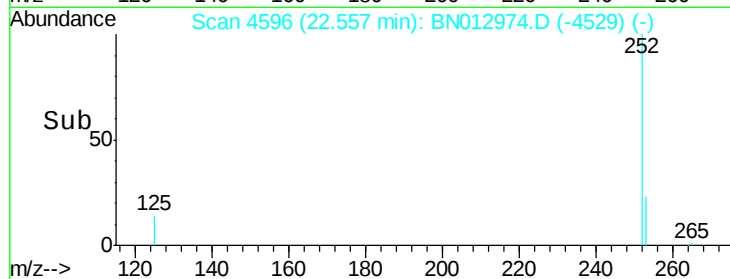
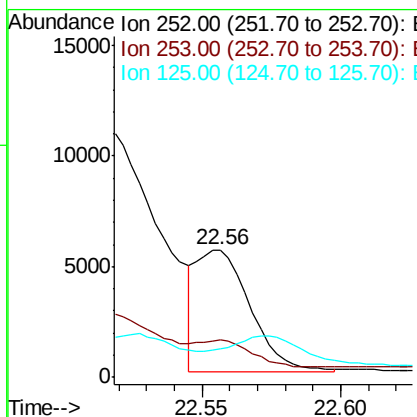
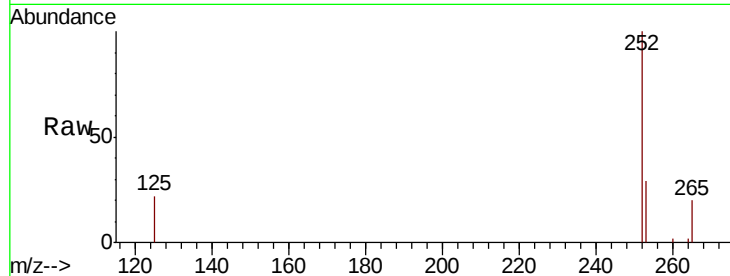
#22
Benzo(k)fluoranthene
Concen: 0.325 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012974.D
Acq: 08 Dec 2020 14:15

Instrument :
BNA_N
ClientSampled :
C0AZ4

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	23.4	35.2
125	22.4	11.1	16.7

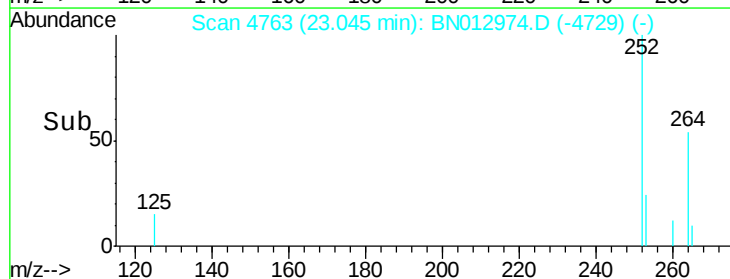
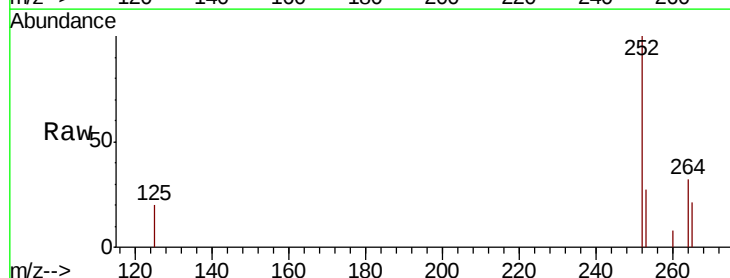
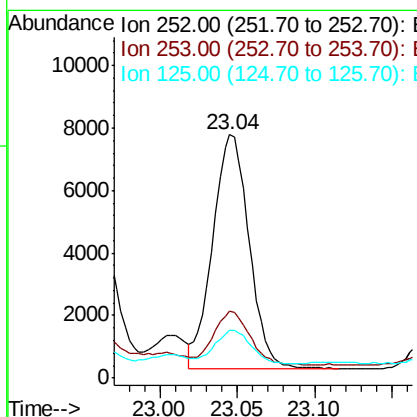
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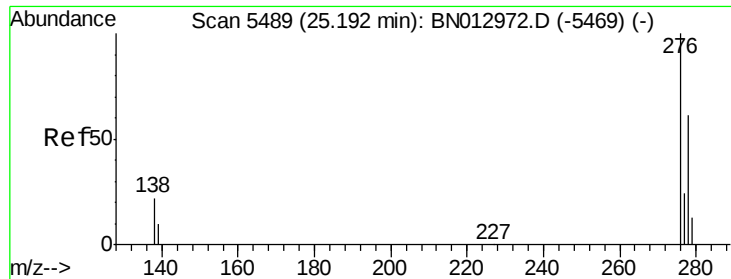
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#23
Benzo(a)pyrene
Concen: 0.631 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN012974.D
Acq: 08 Dec 2020 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	26.5	39.7
125	19.8	14.2	21.2





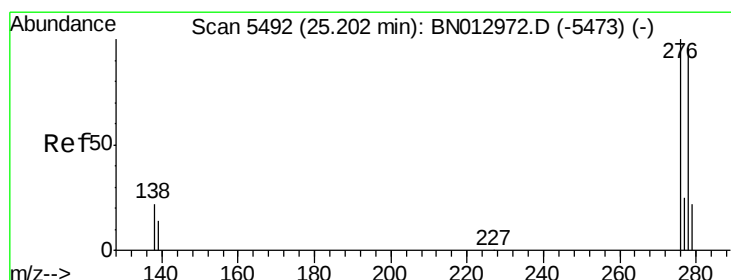
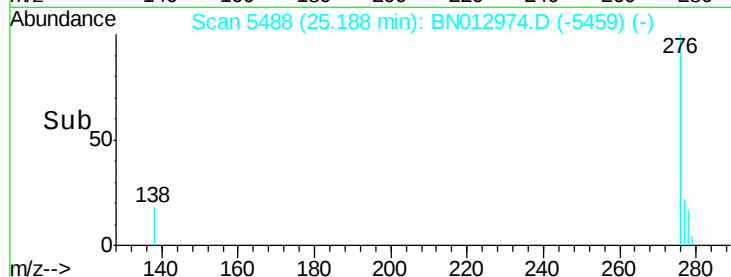
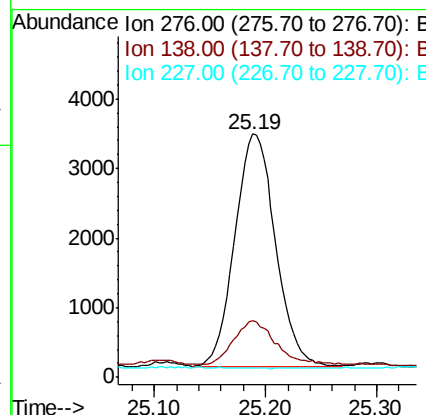
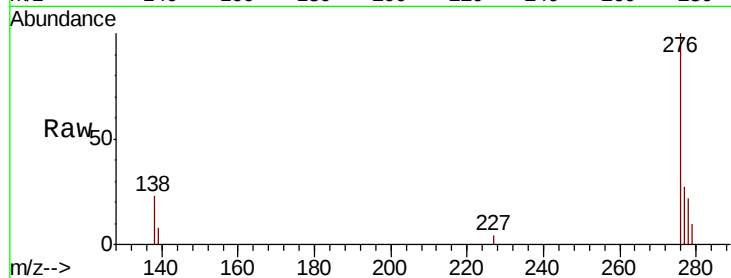
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012974.D
Acq: 08 Dec 2020 14:15

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.2	24.2
227	0.3	0.0	0.0

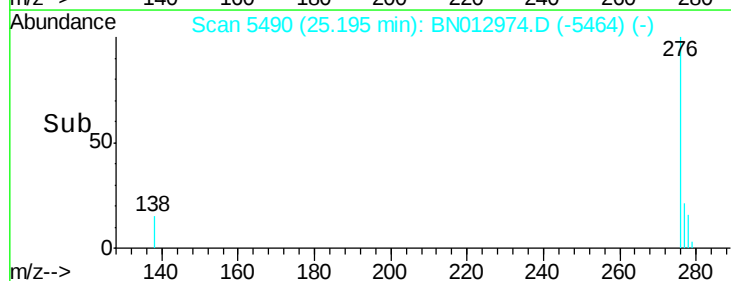
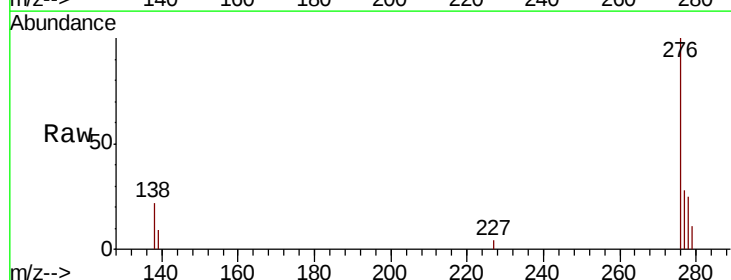
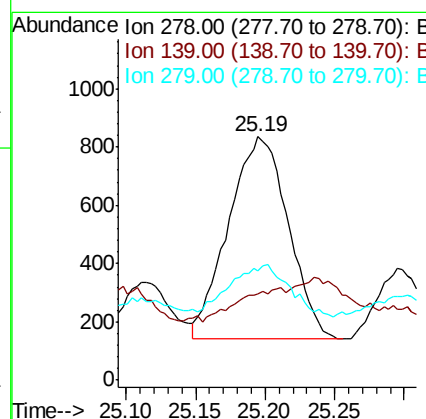
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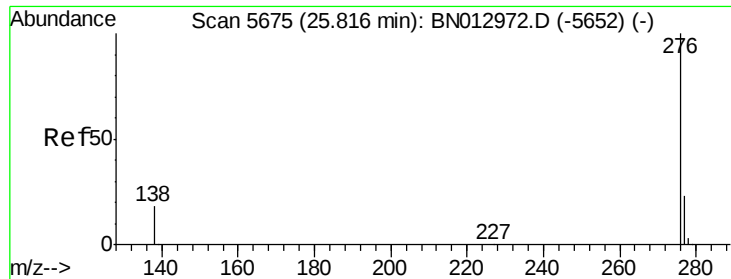
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#25
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012974.D
Acq: 08 Dec 2020 14:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.5	14.5	21.7
279	45.1	26.3	39.5





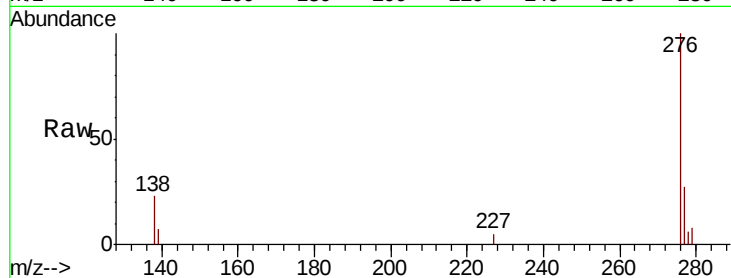
#26
 Benzo(a,h,i)perylene
 Concen: 0.366 ng/ul
 RT: 25.82 min Scan# 5675
 Delta R.T. -0.01 min
 Lab File: BN012974.D
 Acq: 08 Dec 2020 14:15

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ4

Tot Ion:	276	Resp:	8413
Ion Ratio	Lower	Upper	
276	100		
138	23.5	16.3	24.5
277	27.3	21.8	32.6

Manual Integrations
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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

