

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012894.D
 Acq On : 05 Dec 2020 23:49
 Operator : CG/JU
 Sample : L4864-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BA4

Manual Integrations
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mohammad
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Quant Time: Dec 07 01:35:32 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 01:01:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	829	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	3267	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	1954	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4238m	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	3780	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4242	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	949	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	2500	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	3390	0.359	ng/ul#	92
5) 2-Methylnaphthalene	11.84	142	734	0.118	ng/ul	100
12) Phenanthrene	16.86	178	2695	0.190	ng/ul	98
13) Anthracene	16.95	178	505	0.042	ng/ul#	78
15) Fluoranthene	18.89	202	4685	0.277	ng/ul	99
17) Pyrene	19.26	202	5029	0.282	ng/ul	99
18) Benzo(a)anthracene	21.02	228	2492	0.159	ng/ul	97
19) Chrysene	21.07	228	2888	0.167	ng/ul	97
21) Benzo(b)fluoranthene	22.52	252	3843m	0.196	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	1481m	0.068	ng/ul	
23) Benzo(a)pyrene	23.05	252	2804	0.154	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.20	276	1919	0.080	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.21	278	508	0.027	ng/ul#	12
26) Benzo(g,h,i)perylene	25.83	276	2050	0.095	ng/ul#	88

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

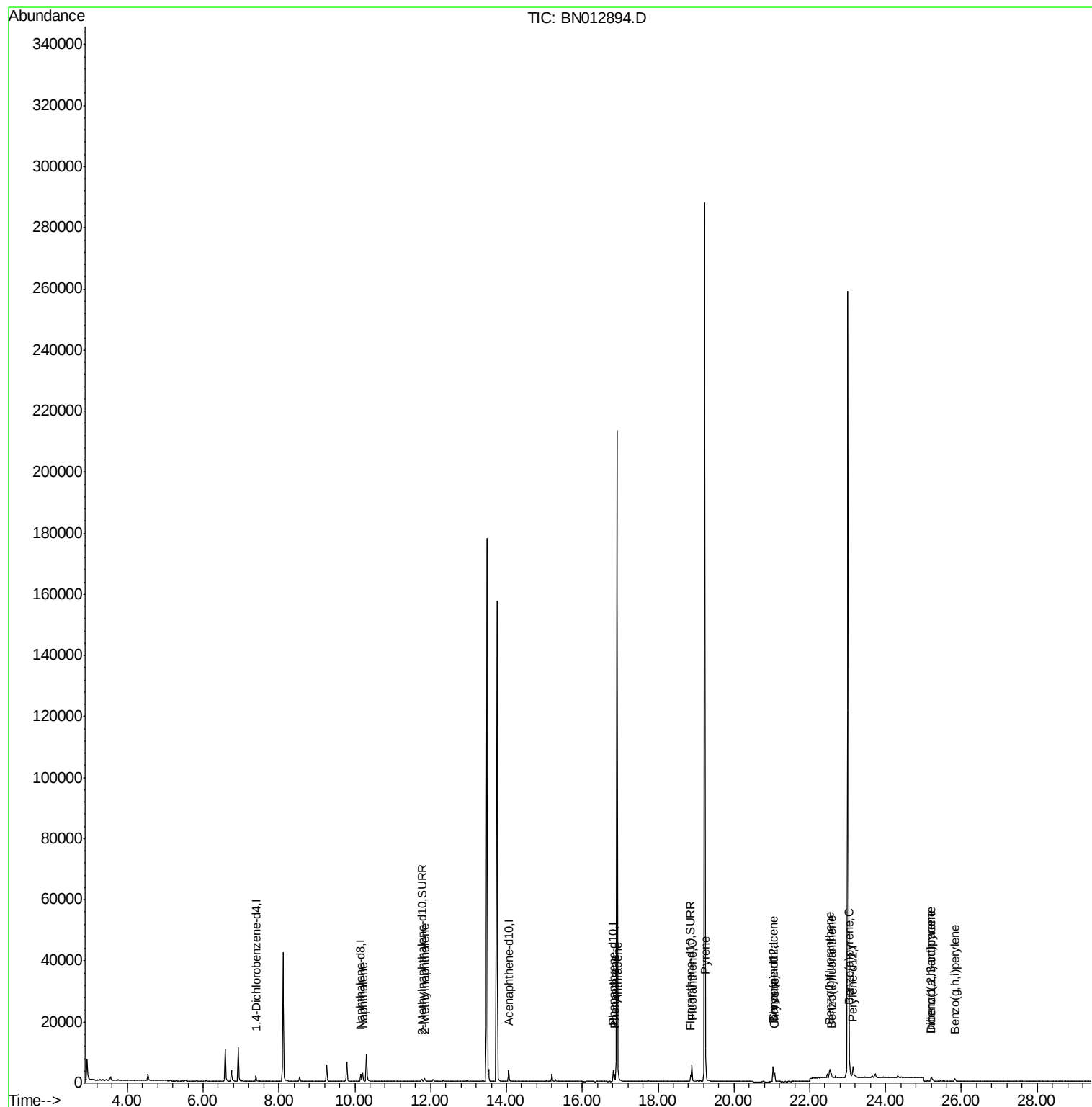
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012894.D
Acq On : 05 Dec 2020 23:49
Operator : CG/JU
Sample : L4864-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

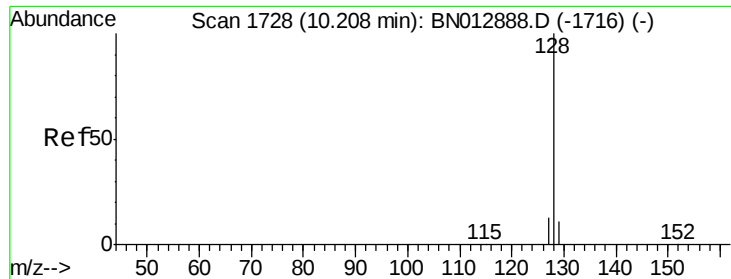
Instrument :
BNA_N
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Quant Time: Dec 07 01:35:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 01:01:09 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.359 ng/ul

RT: 10.21 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Instrument :

BNA_N

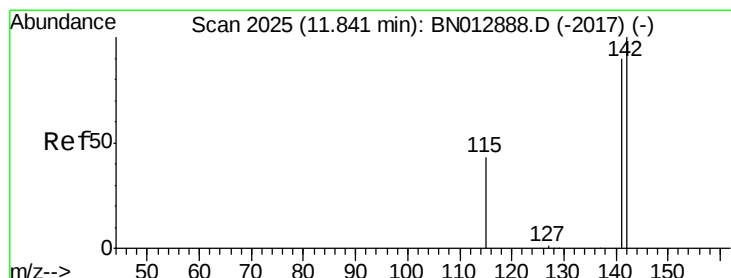
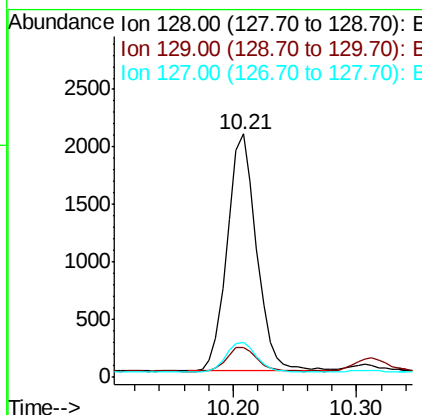
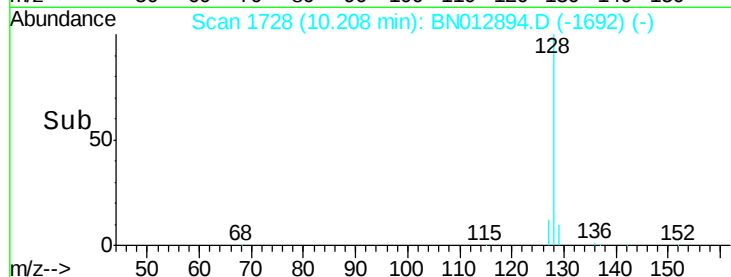
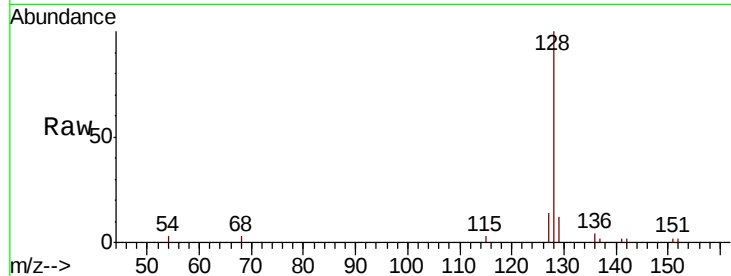
ClientSampleId :

C0BA4

Tot Ion:	128	Resp:	3390
Ion Ratio	Lower	Upper	
128	100		
129	12.5	12.3	18.5
127	14.2	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 0.118 ng/ul

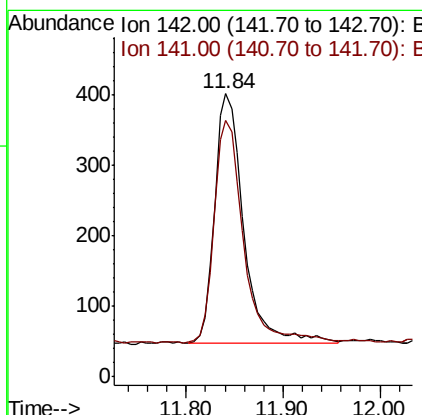
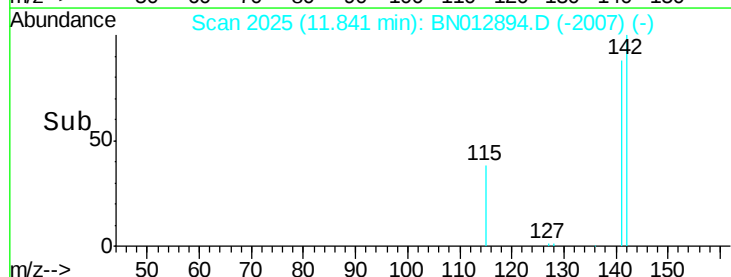
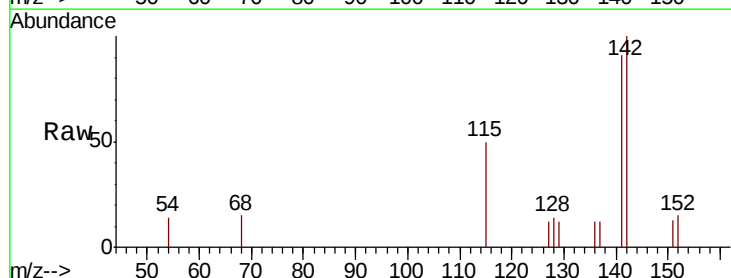
RT: 11.84 min Scan# 2025

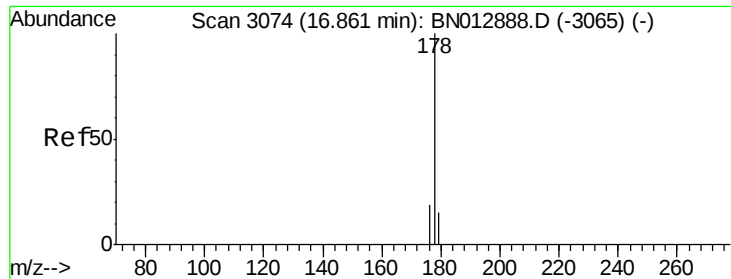
Delta R.T. -0.00 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Tgt Ion:	142	Resp:	734
Ion Ratio	Lower	Upper	
142	100		
141	91.0	73.0	109.6





#12

Phenanthrene

Concen: 0.190 ng/ul

RT: 16.86 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Instrument :

BNA_N

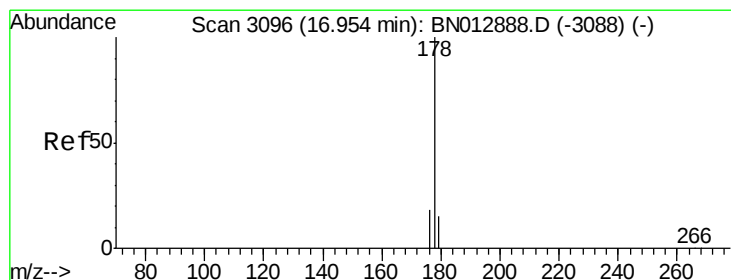
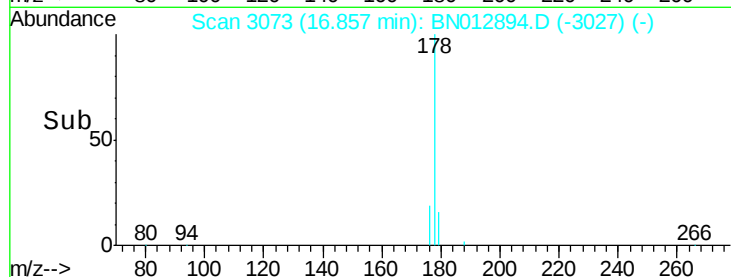
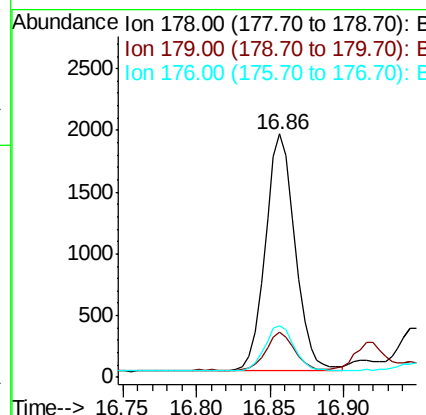
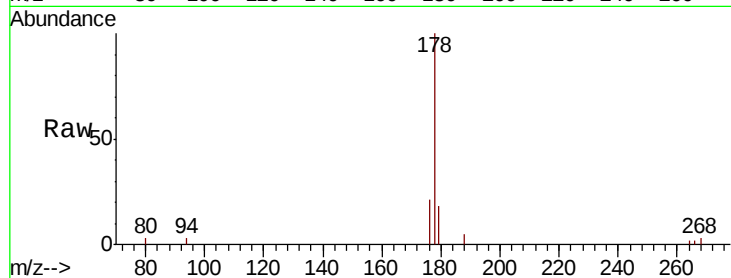
ClientSampleId :

C0BA4

Tot Ion:178	Resp:	2695
Ion Ratio	Lower	Upper
178	100	
179	18.5	13.6 20.4
176	21.3	16.4 24.6

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#13

Anthracene

Concen: 0.042 ng/ul

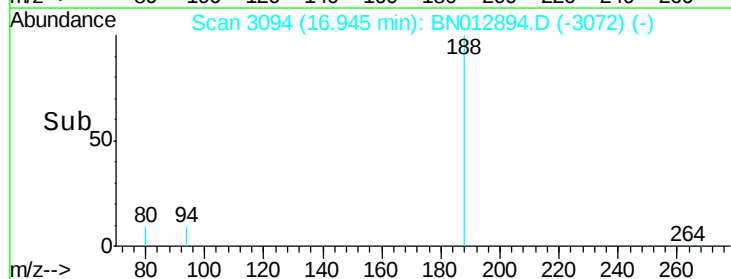
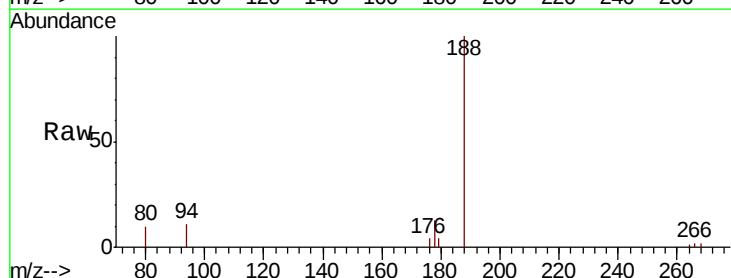
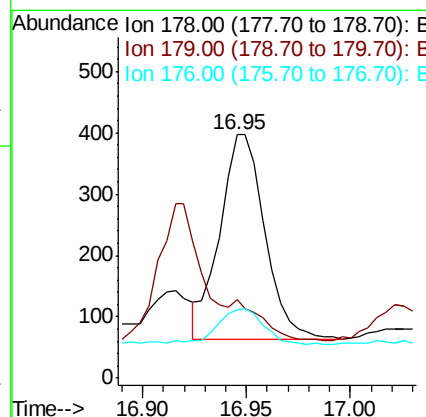
RT: 16.95 min Scan# 3094

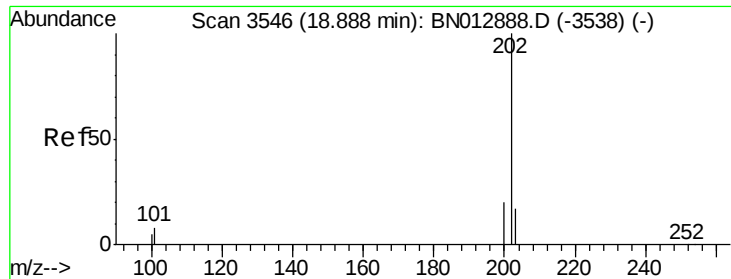
Delta R.T. -0.01 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Tgt Ion:178	Resp:	505
Ion Ratio	Lower	Upper
178	100	
179	32.0	14.6 21.8#
176	28.2	17.1 25.7#





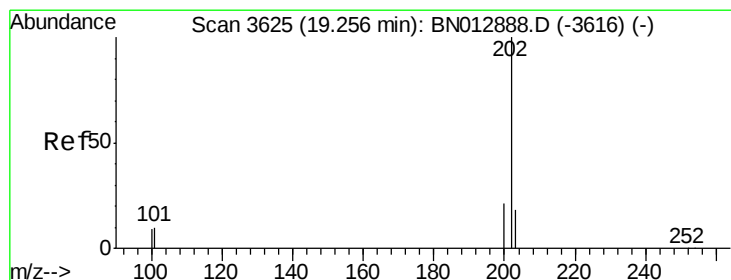
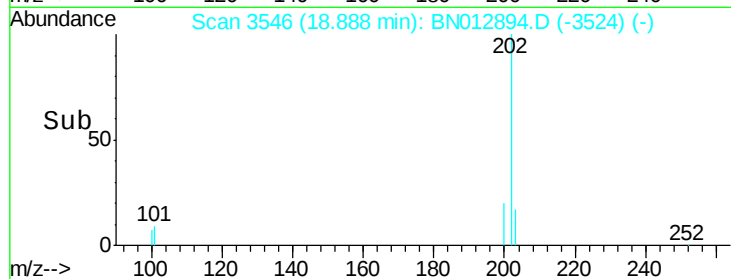
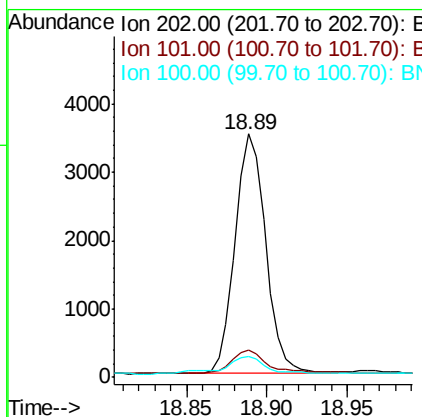
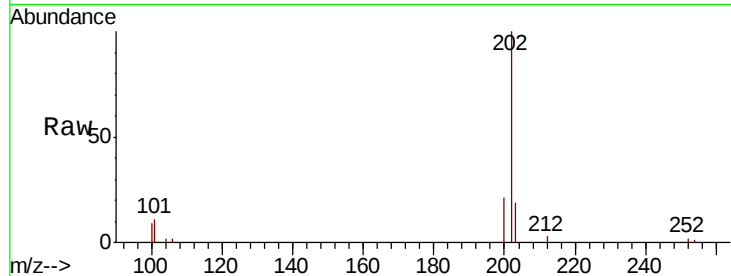
#15
Fluoranthene
 Concen: 0.277 ng/ul
 RT: 18.89 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: BN012894.D
 Acq: 05 Dec 2020 23:49

Instrument :
 BNA_N
 ClientSampleId :
 C0BA4

Tot Ion:	202	Resp:	4685
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.6
100	8.8	0.0	28.7

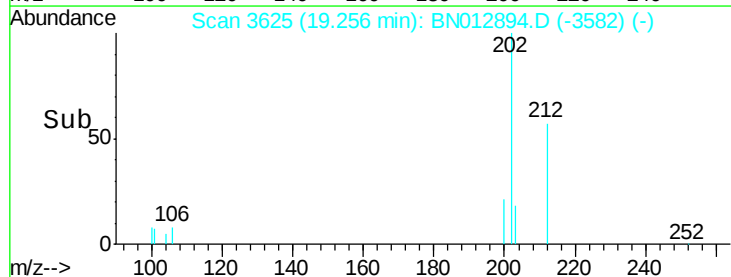
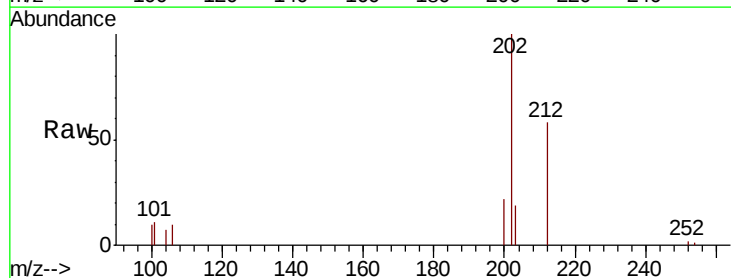
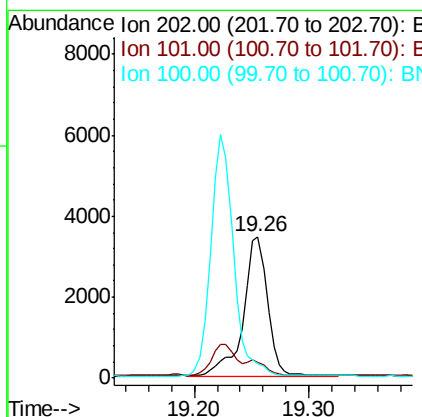
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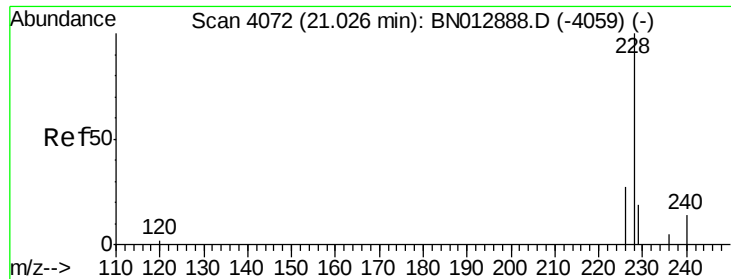
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#17
Pyrene
 Concen: 0.282 ng/ul
 RT: 19.26 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: BN012894.D
 Acq: 05 Dec 2020 23:49

Tgt Ion:	202	Resp:	5029
Ion Ratio	Lower	Upper	
202	100		
101	11.2	9.1	13.7
100	10.1	7.5	11.3





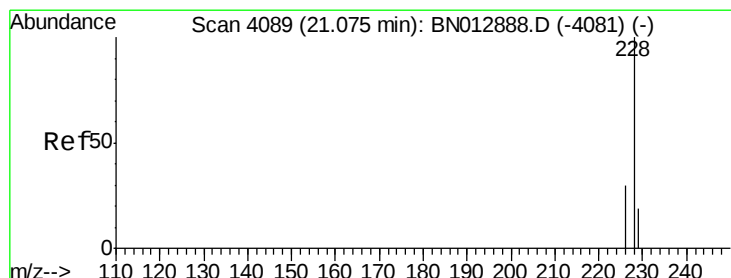
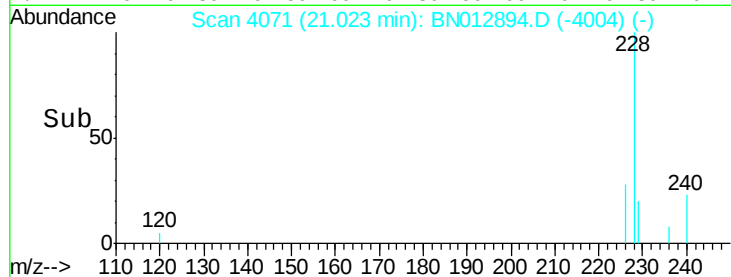
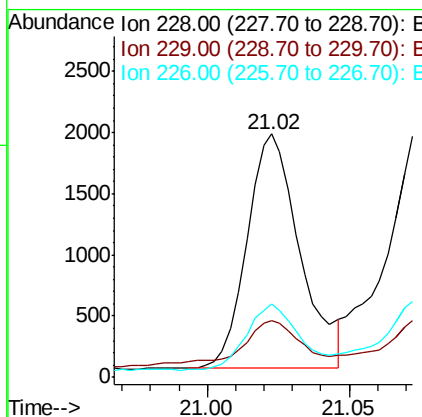
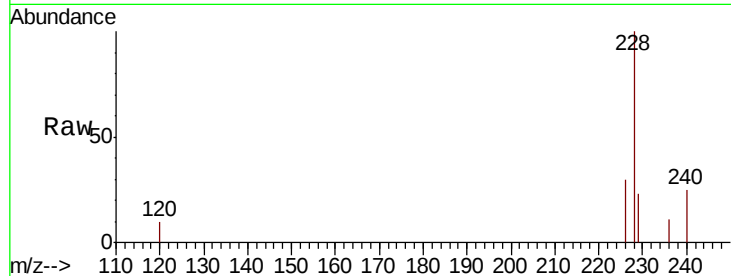
#18
Benzo(a)anthracene
Concen: 0.159 ng/ul
RT: 21.02 min Scan# 4071
Delta R.T. -0.00 min
Lab File: BN012894.D
Acq: 05 Dec 2020 23:49

Instrument :
BNA_N
ClientSampleId :
C0BA4

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.3	24.5
226	30.1	23.4	35.2

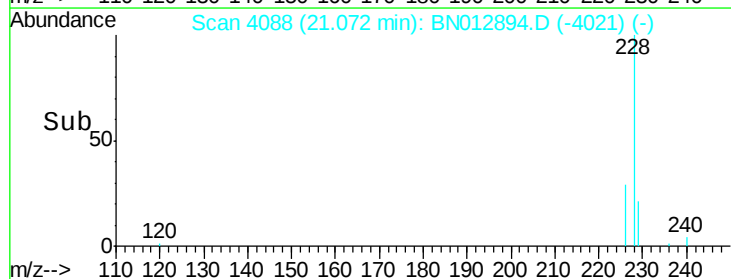
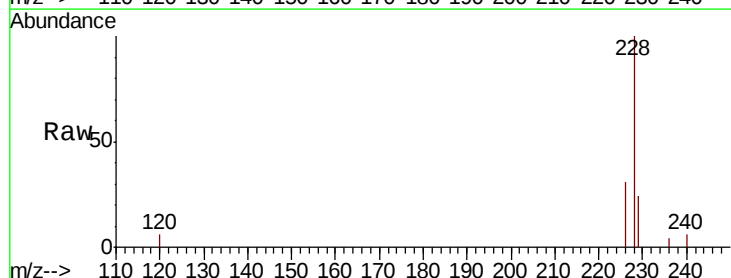
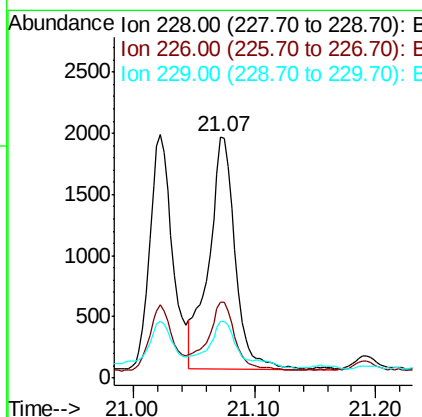
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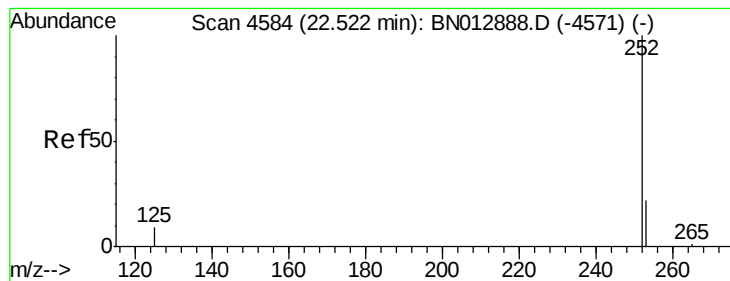
mohammad
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#19
Chrysene
Concen: 0.167 ng/ul
RT: 21.07 min Scan# 4088
Delta R.T. -0.00 min
Lab File: BN012894.D
Acq: 05 Dec 2020 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	23.8	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 0.196 ng/ul m

RT: 22.52 min Scan# 4584

Delta R.T. -0.00 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Instrument :

BNA_N

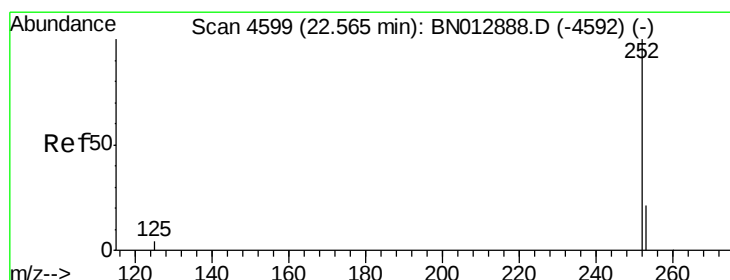
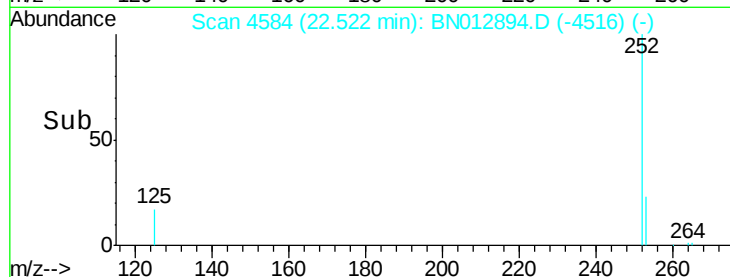
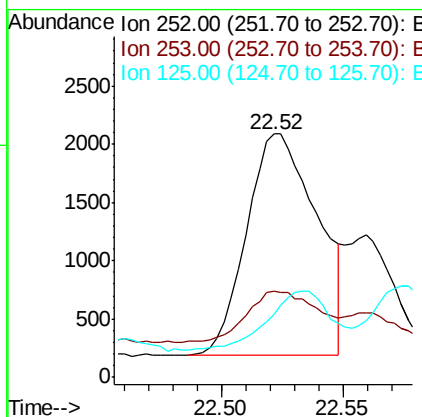
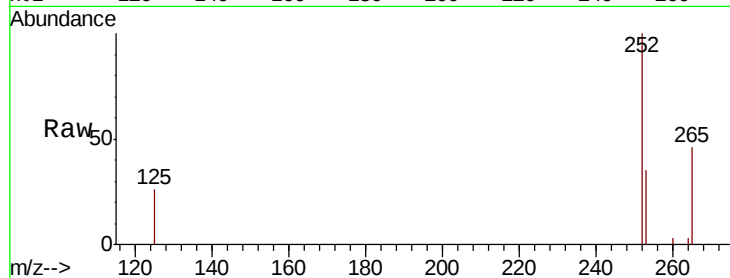
ClientSampleId :

C0BA4

Tot Ion:	252	Resp:	3843
Ion Ratio	Lower	Upper	
252	100		
253	35.1	0.0	59.6
125	25.7	0.0	26.0

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#22

Benzo(k)fluoranthene

Concen: 0.068 ng/ul m

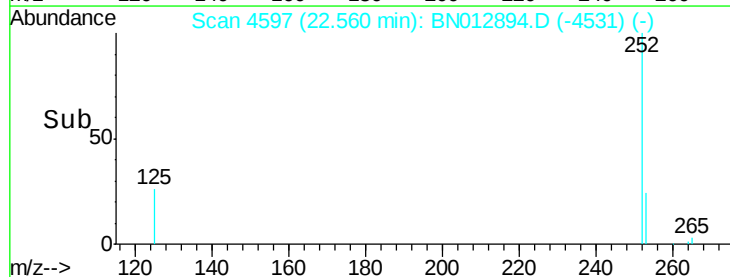
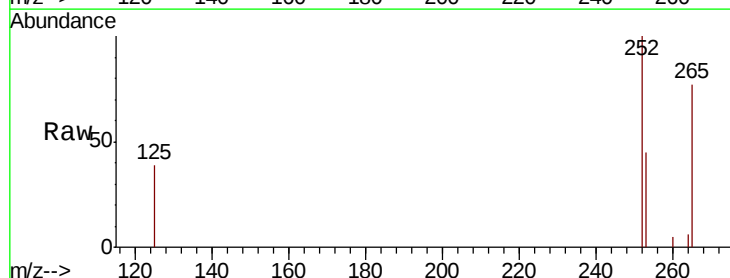
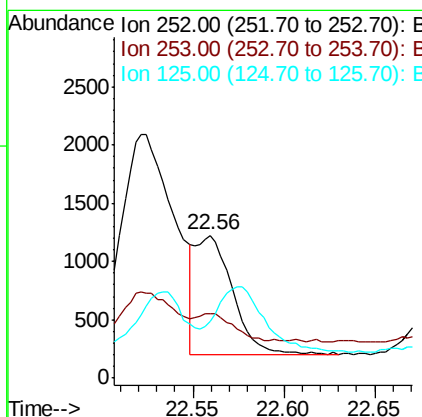
RT: 22.56 min Scan# 4597

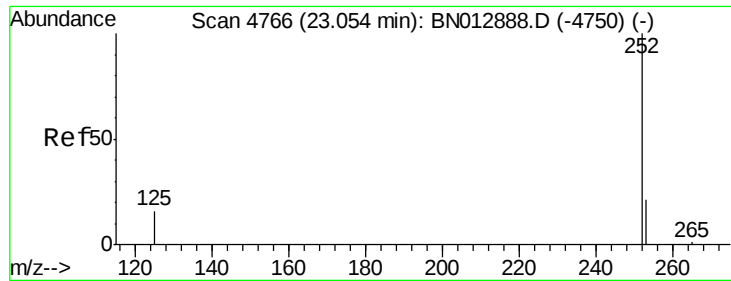
Delta R.T. -0.01 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Tgt Ion:	252	Resp:	1481
Ion Ratio	Lower	Upper	
252	100		
253	45.2	23.4	35.2#
125	39.3	11.1	16.7#





#23

Benzo(a)pyrene

Concen: 0.154 ng/u1

RT: 23.05 min Scan# 4764

Delta R.T. -0.01 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Instrument :

BNA_N

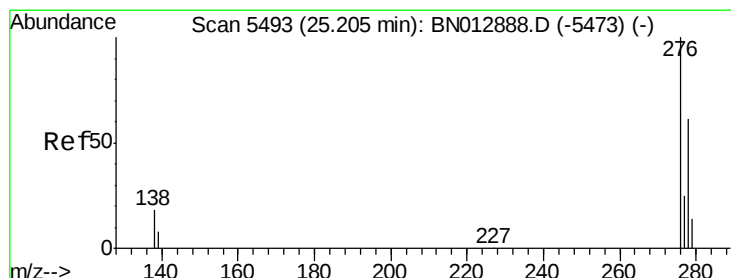
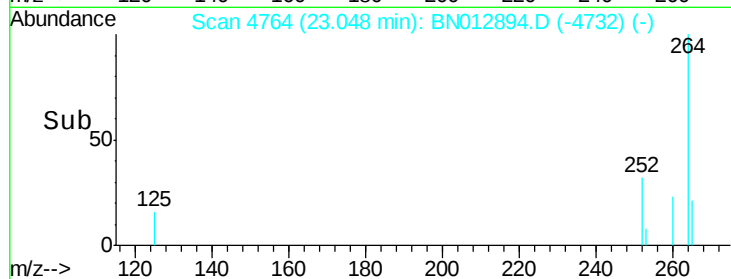
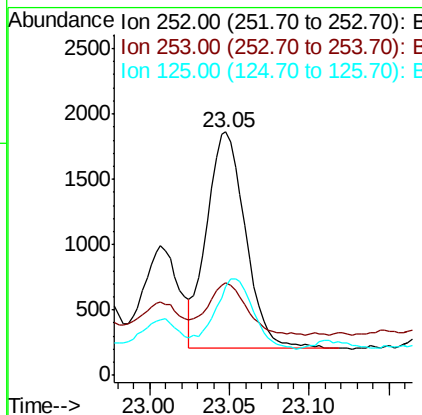
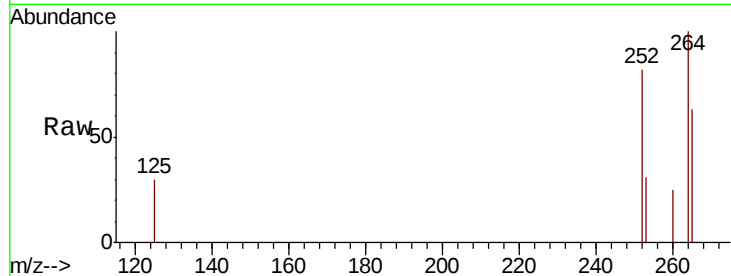
ClientSampleId :

C0BA4

Tot Ion:	252	Resp:	2804
Ion Ratio	Lower	Upper	
252	100		
253	38.2	26.5	39.7
125	36.2	14.2	21.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.080 ng/u1

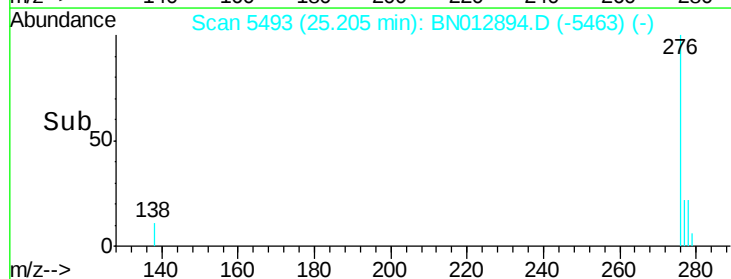
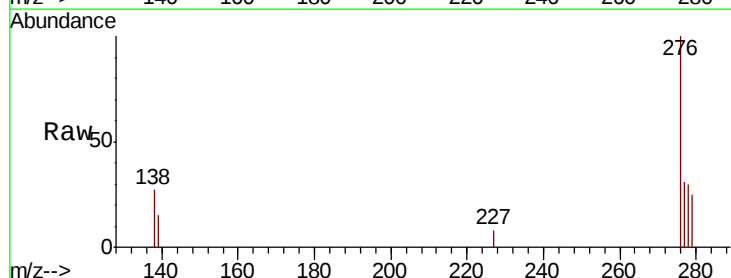
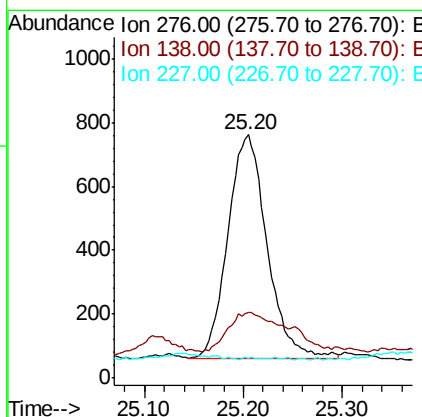
RT: 25.20 min Scan# 5493

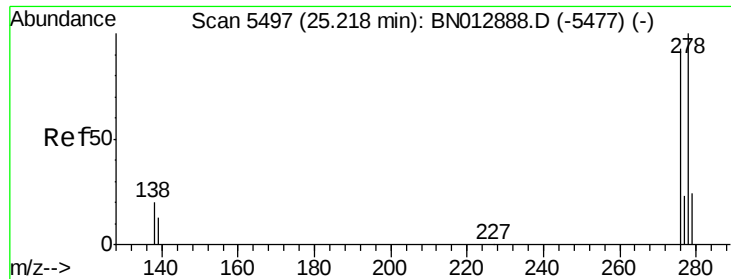
Delta R.T. -0.00 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Tgt Ion:	276	Resp:	1919
Ion Ratio	Lower	Upper	
276	100		
138	26.7	16.2	24.2#
227	0.2	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.027 ng/u1

RT: 25.21 min Scan# 5495

Delta R.T. -0.01 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Instrument :

BNA_N

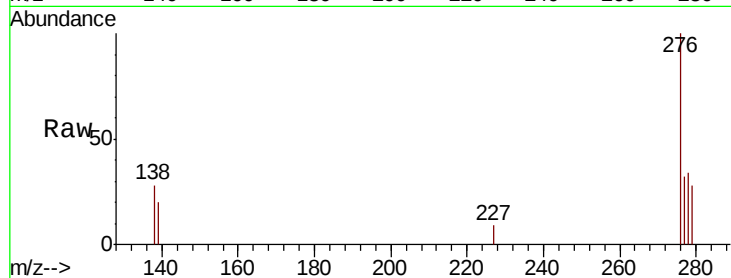
ClientSampleId :

C0BA4

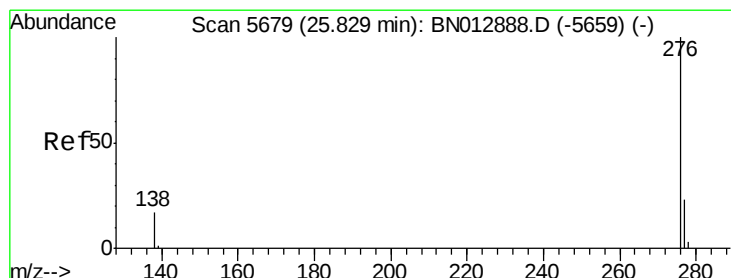
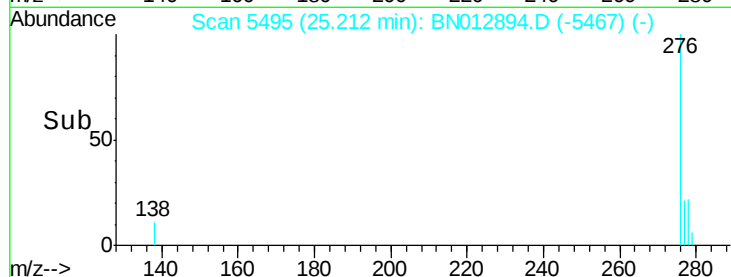
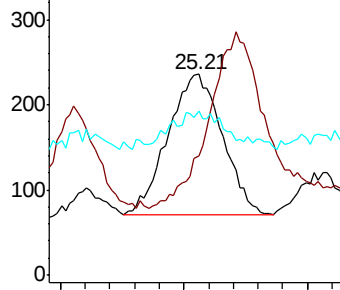
Tot Ion:278	Resp:	508
Ion Ratio	Lower	Upper
278	100	
139	59.3	14.5 21.7#
279	81.4	26.3 39.5#

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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: 0.095 ng/u1

RT: 25.83 min Scan# 5678

Delta R.T. -0.00 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Tgt Ion:276	Resp:	2050
Ion Ratio	Lower	Upper
276	100	
138	27.7	16.3 24.5#
277	31.6	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

