

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012852.D
 Acq On : 03 Dec 2020 18:20
 Operator : CG/JU
 Sample : L4866-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B87

Manual Integrations
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Quant Time: Dec 04 00:23:02 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 : Thu Dec 03 15:27:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	798	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	3224	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1950	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	4204	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	3542	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3825	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	754	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	2003	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	373	0.040	ng/ul#	74
7) Acenaphthylene	13.78	152	588	0.064	ng/ul#	87
12) Phenanthrene	16.86	178	4088	0.290	ng/ul	99
13) Anthracene	16.95	178	596	0.050	ng/ul#	80
15) Fluoranthene	18.89	202	15457	0.923	ng/ul	98
17) Pyrene	19.26	202	14752	0.882	ng/ul	99
18) Benzo(a)anthracene	21.03	228	6562	0.448	ng/ul	98
19) Chrysene	21.08	228	8061	0.498	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	11346m	0.641	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	4078m	0.208	ng/ul	
23) Benzo(a)pyrene	23.05	252	7082	0.431	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.21	276	5029	0.233	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.21	278	1175	0.069	ng/ul#	67
26) Benzo(g,h,i)perylene	25.84	276	4072	0.209	ng/ul	97

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

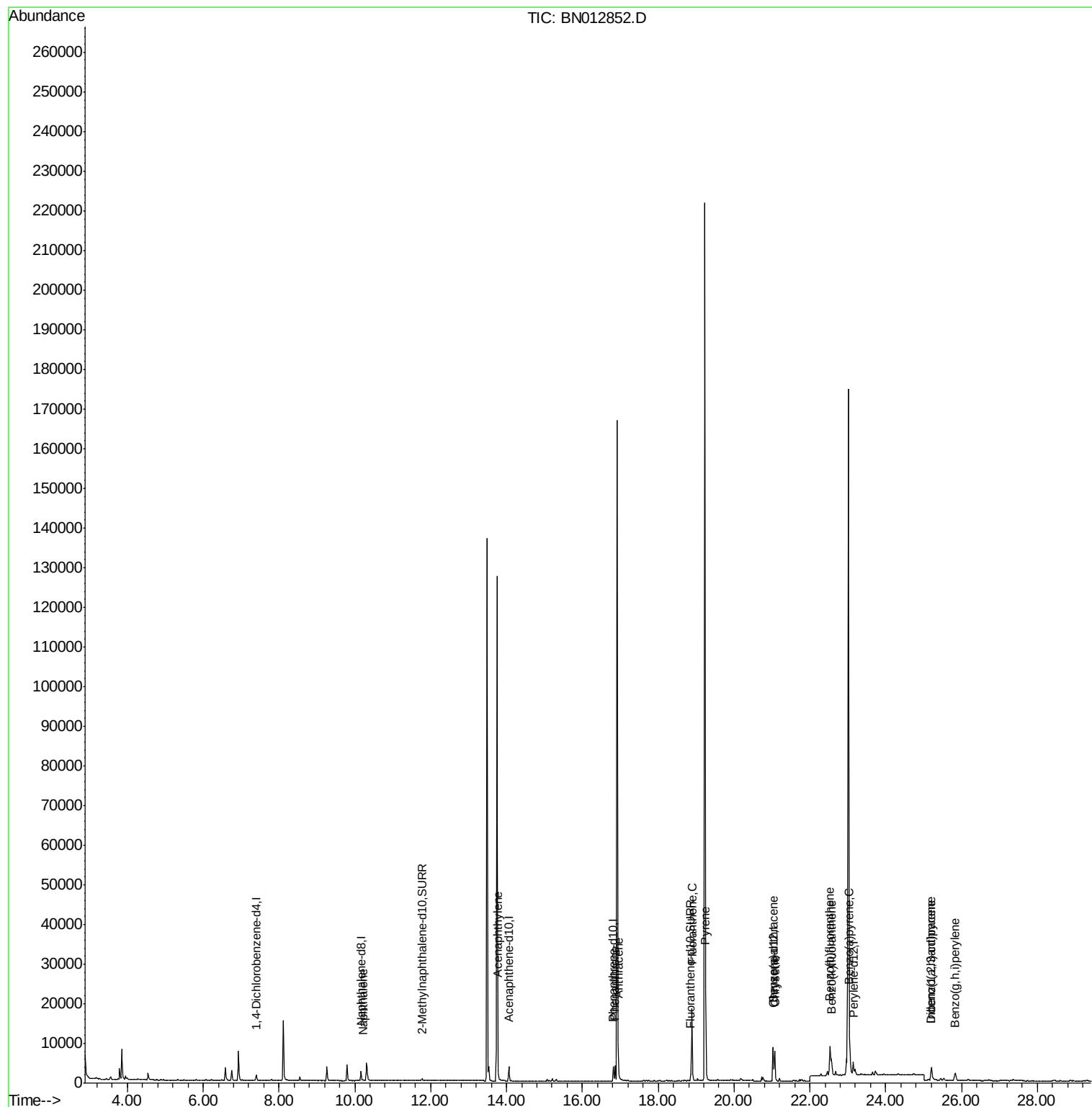
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Data File : BN012852.D
Acq On : 03 Dec 2020 18:20
Operator : CG/JU
Sample : L4866-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

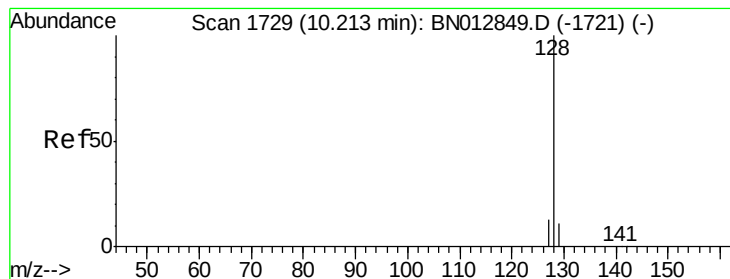
Instrument :
BNA_N
ClientSampleId :
C0B87

Quant Time: Dec 04 00:23:02 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 : Thu Dec 03 15:27:55 2020
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.21 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Instrument :

BNA_N

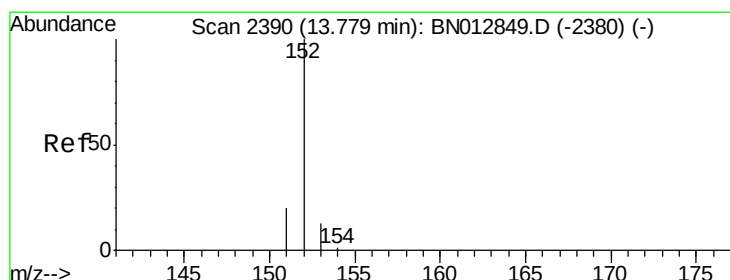
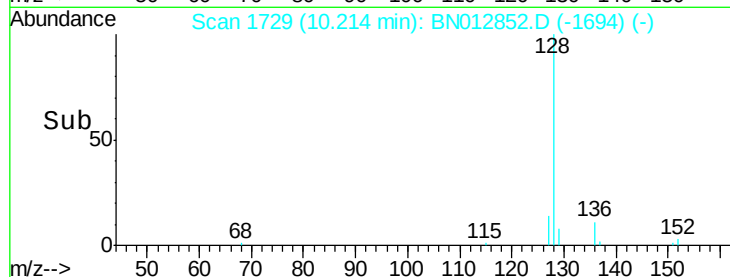
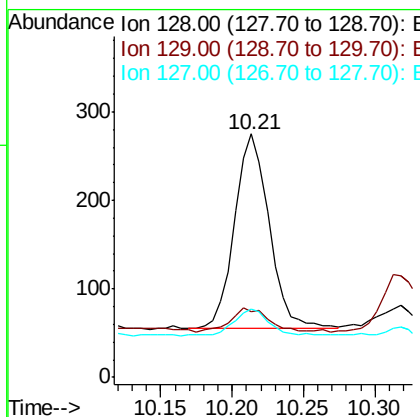
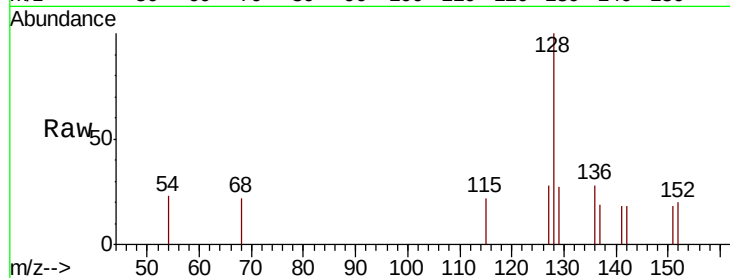
ClientSampleId :

C0B87

Tot Ion:	128	Resp:	373
Ion	Ratio	Lower	Upper
128	100		
129	26.9	12.3	18.5#
127	28.4	14.2	21.4#

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#7

Acenaphthylene

Concen: 0.064 ng/ul

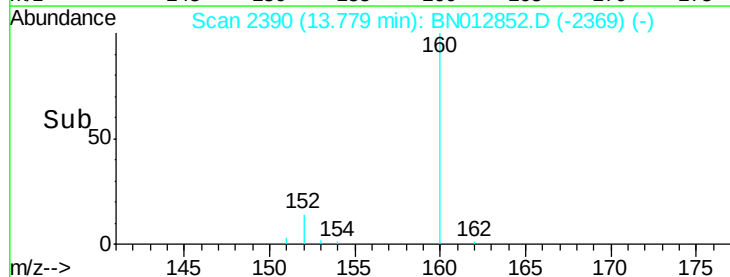
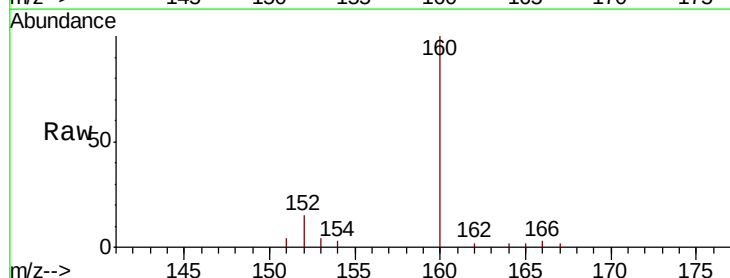
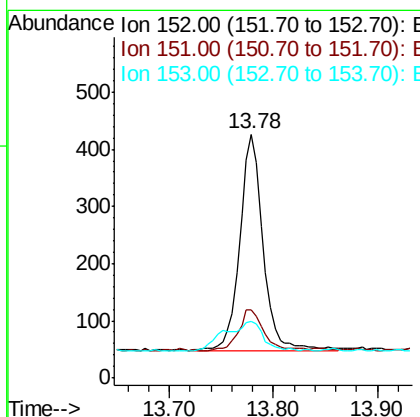
RT: 13.78 min Scan# 2390

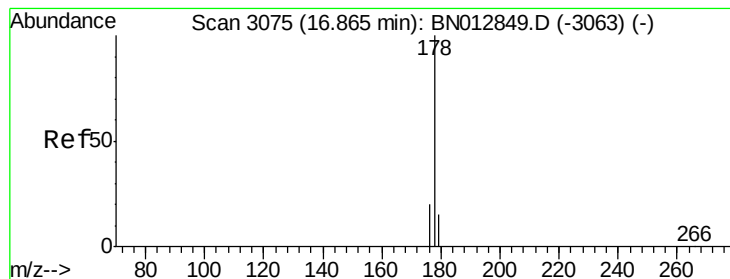
Delta R.T. -0.00 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Tgt Ion:	152	Resp:	588
Ion	Ratio	Lower	Upper
152	100		
151	27.9	18.2	27.4#
153	23.5	13.1	19.7#





#12

Phenanthrene

Concen: 0.290 ng/ul

RT: 16.86 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Instrument :

BNA_N

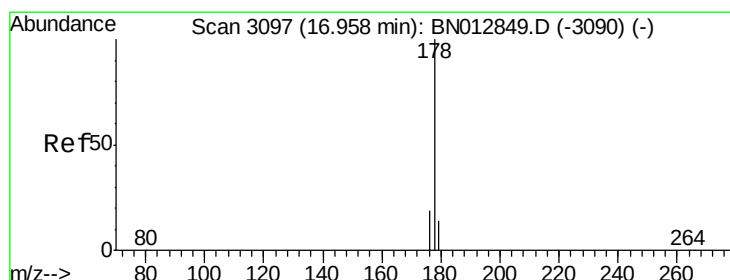
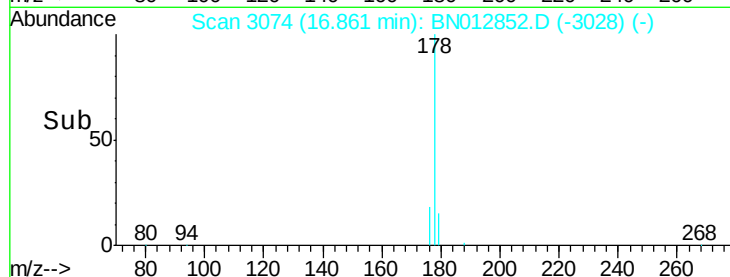
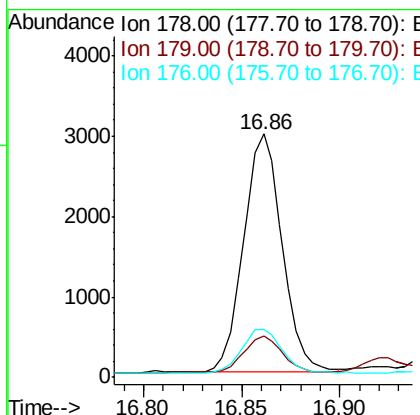
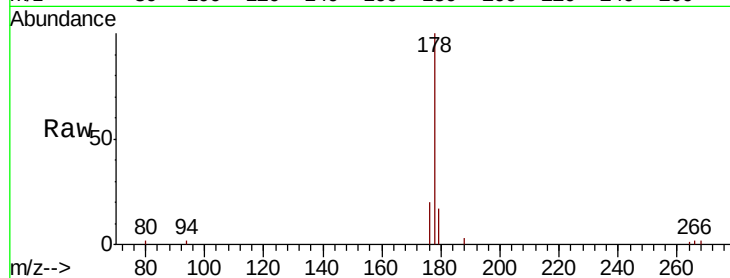
ClientSampleId :

C0B87

Tot Ion:178	Resp:	4088
Ion Ratio	Lower	Upper
178	100	
179	16.8	13.6 20.4
176	19.9	16.4 24.6

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#13

Anthracene

Concen: 0.050 ng/ul

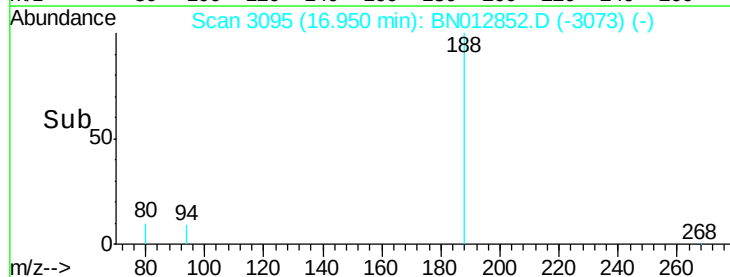
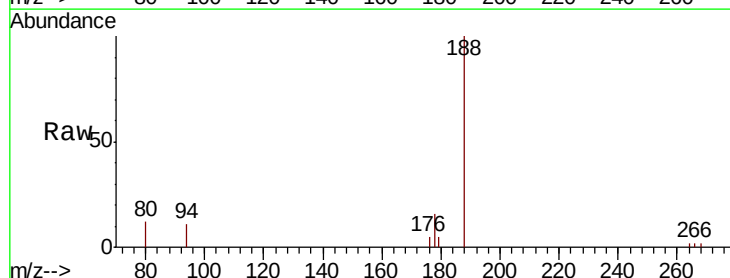
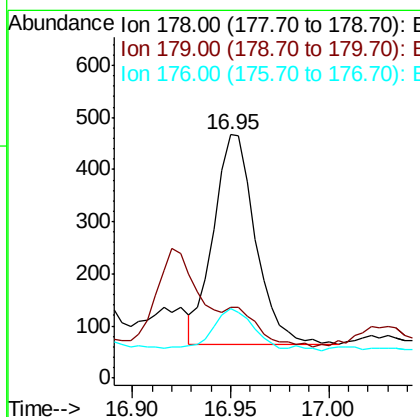
RT: 16.95 min Scan# 3095

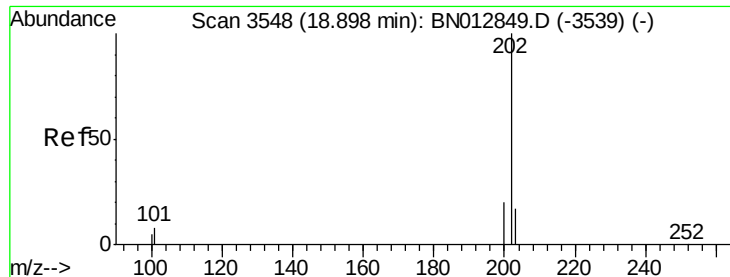
Delta R.T. -0.01 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Tgt Ion:178	Resp:	596
Ion Ratio	Lower	Upper
178	100	
179	29.3	14.6 21.8#
176	28.5	17.1 25.7#





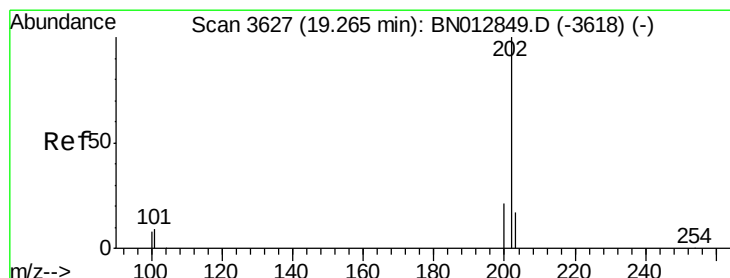
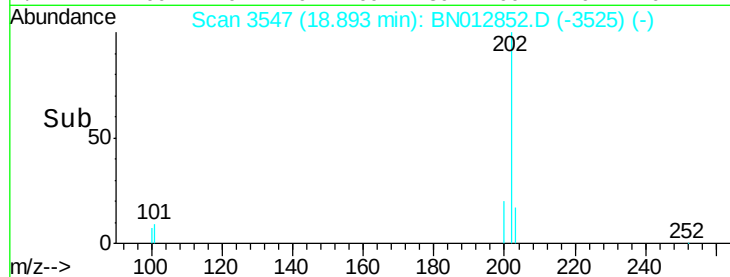
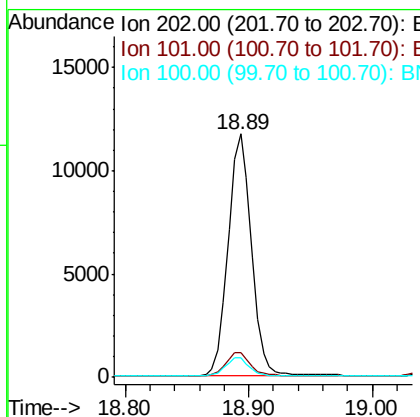
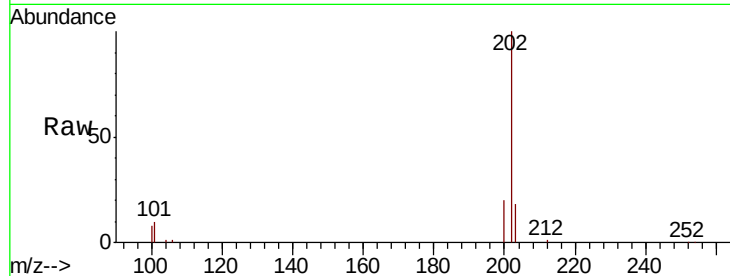
#15
Fluoranthene
 Concen: 0.923 ng/ul
 RT: 18.89 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: BN012852.D
 Acq: 03 Dec 2020 18:20

Instrument :
 BNA_N
 ClientSampleId :
 C0B87

Tot Ion:	202	Resp:	15457
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.6
100	7.9	0.0	28.7

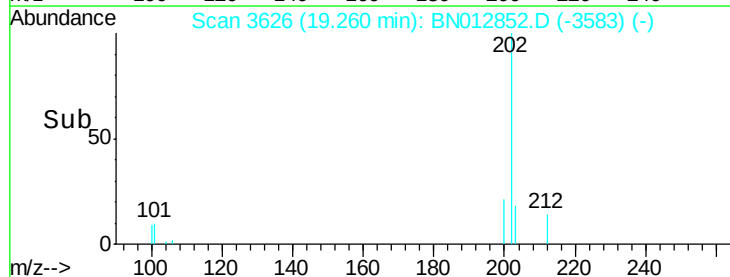
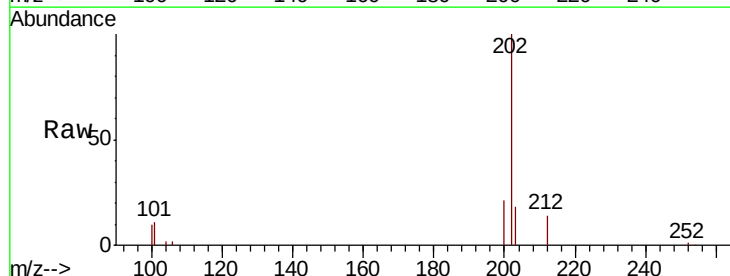
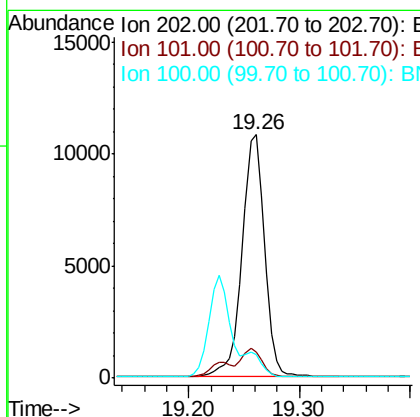
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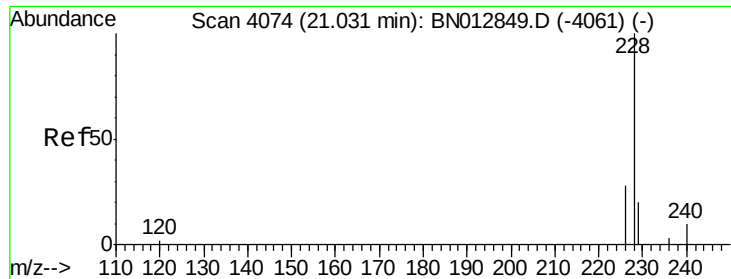
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#17
Pyrene
 Concen: 0.882 ng/ul
 RT: 19.26 min Scan# 3626
 Delta R.T. 0.00 min
 Lab File: BN012852.D
 Acq: 03 Dec 2020 18:20

Tgt Ion:	202	Resp:	14752
Ion Ratio	Lower	Upper	
202	100		
101	10.9	9.1	13.7
100	9.5	7.5	11.3





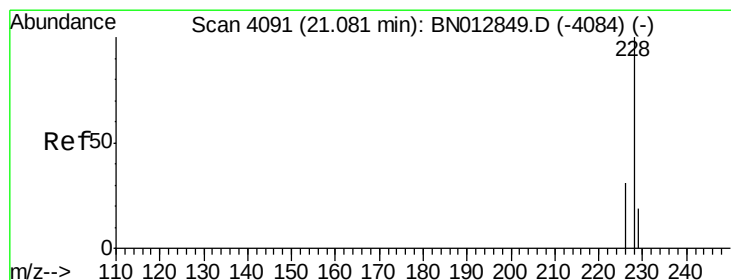
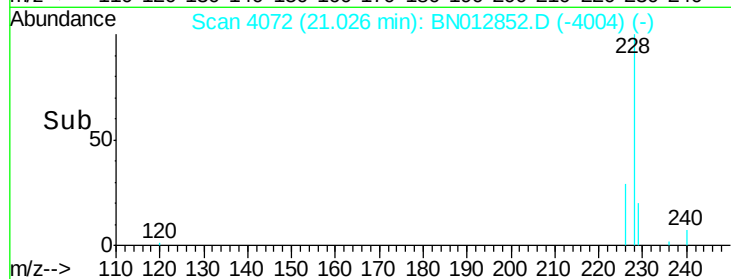
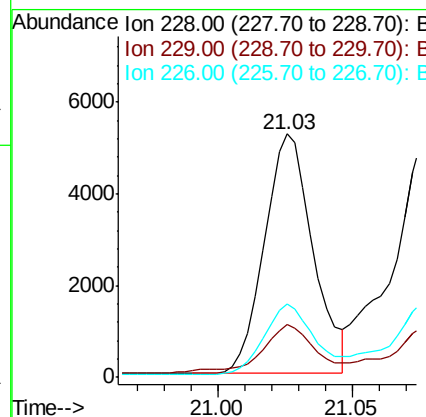
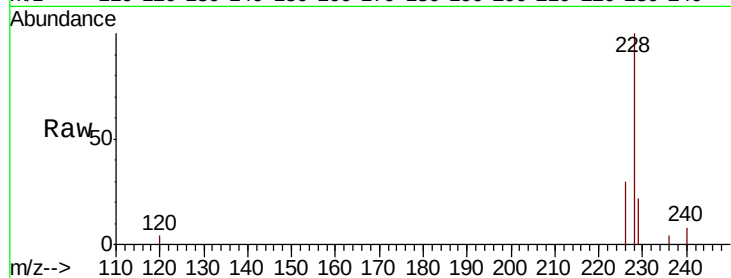
#18
Benzo(a)anthracene
Concen: 0.448 ng/ul
RT: 21.03 min Scan# 4072
Delta R.T. 0.00 min
Lab File: BN012852.D
Acq: 03 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
C0B87

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.3	24.5
226	29.9	23.4	35.2

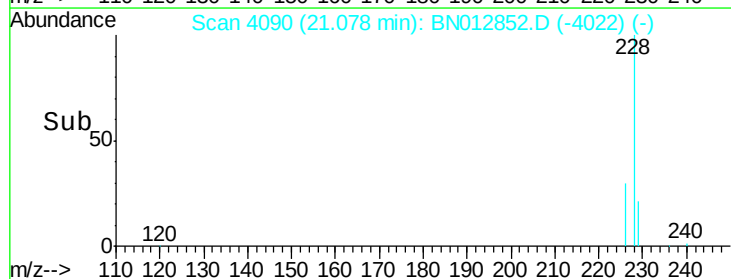
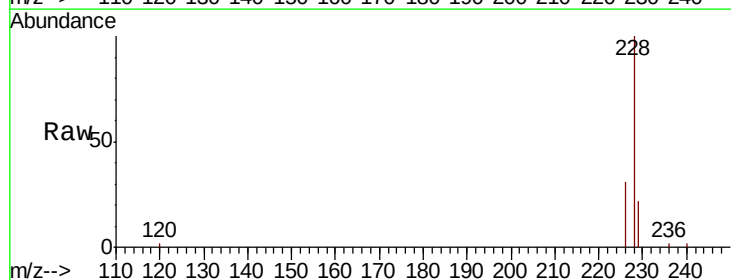
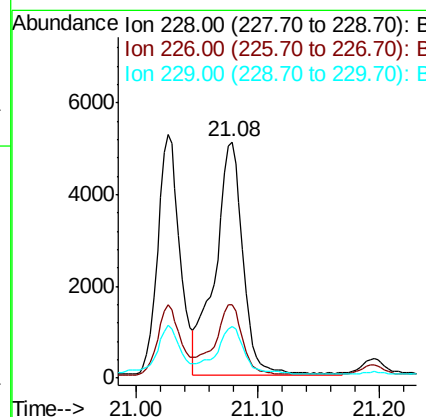
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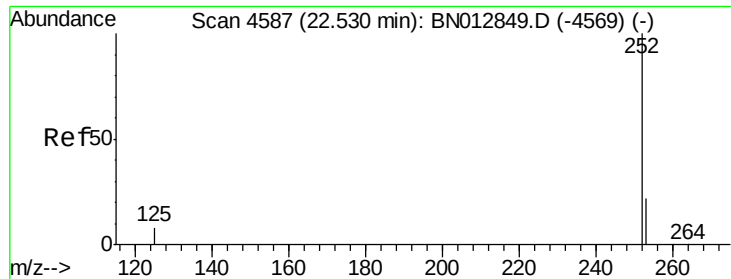
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#19
Chrysene
Concen: 0.498 ng/ul
RT: 21.08 min Scan# 4090
Delta R.T. 0.00 min
Lab File: BN012852.D
Acq: 03 Dec 2020 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.7	16.4	24.6





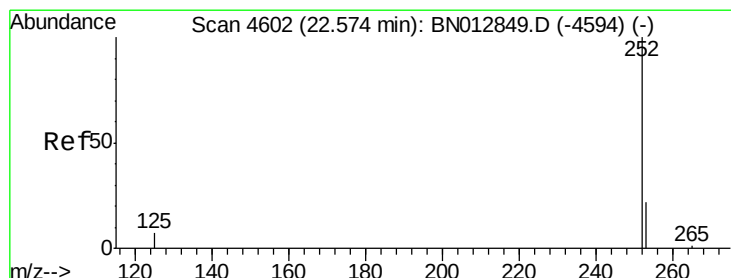
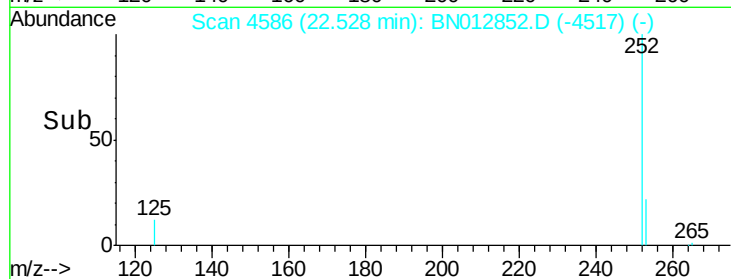
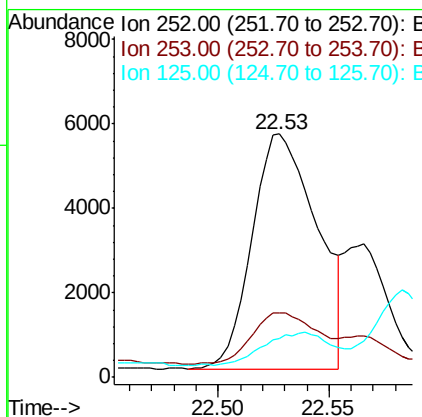
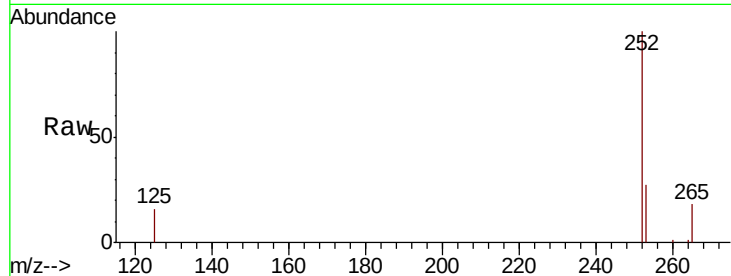
#21
Benzo(b)fluoranthene
Concen: 0.641 ng/ul m
RT: 22.53 min Scan# 4586
Delta R.T. 0.00 min
Lab File: BN012852.D
Acq: 03 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	59.6
125	16.0	0.0	26.0

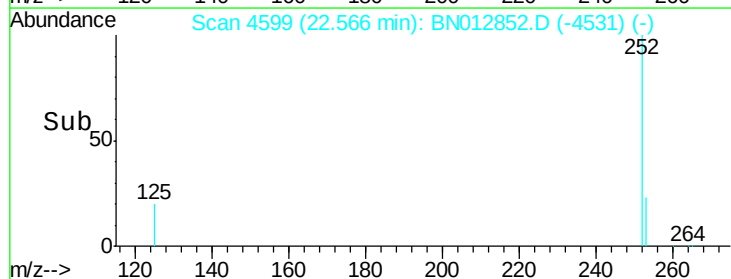
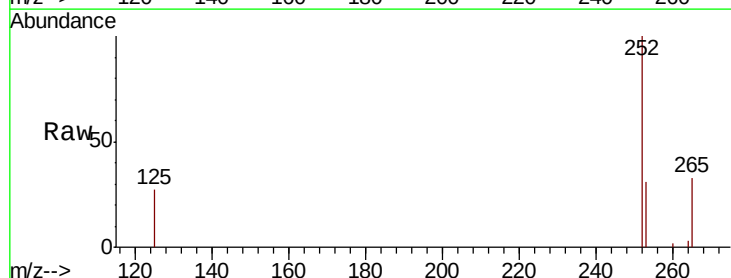
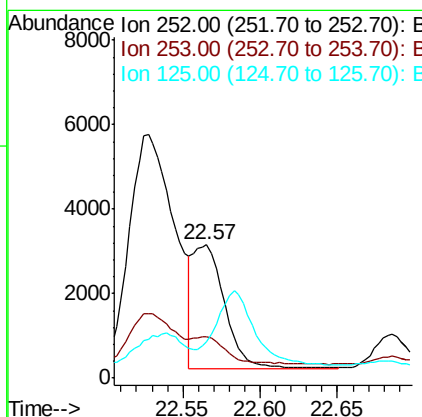
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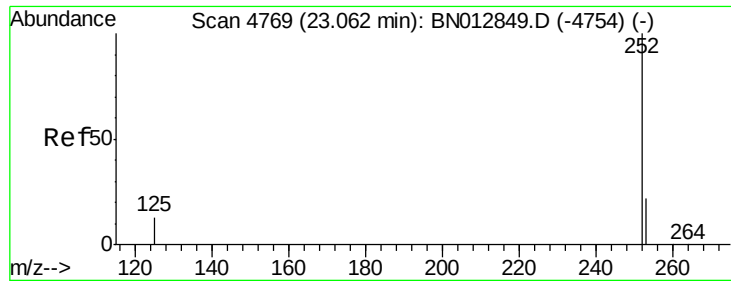
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#22
Benzo(k)fluoranthene
Concen: 0.208 ng/ul m
RT: 22.57 min Scan# 4599
Delta R.T. 0.00 min
Lab File: BN012852.D
Acq: 03 Dec 2020 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	23.4	35.2
125	27.2	11.1	16.7





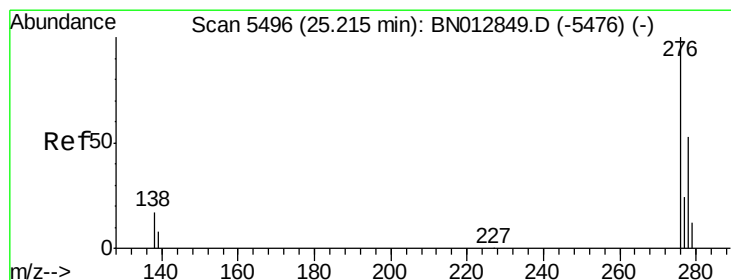
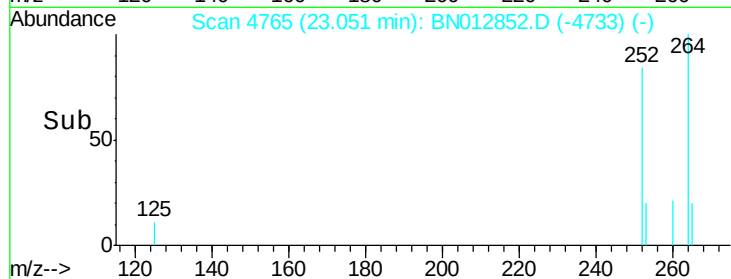
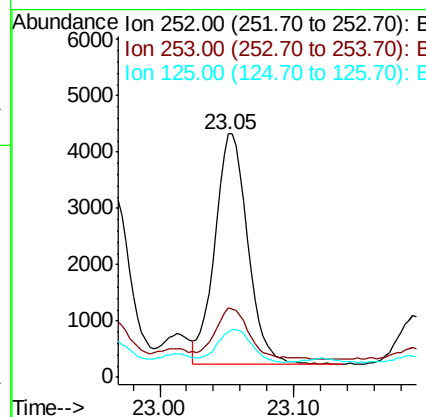
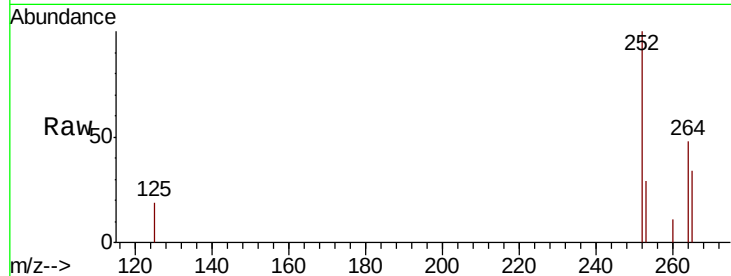
#23
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 23.05 min Scan# 4765
Delta R.T. -0.01 min
Lab File: BN012852.D
Acq: 03 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	28.8	26.5	39.7
125	18.8	14.2	21.2

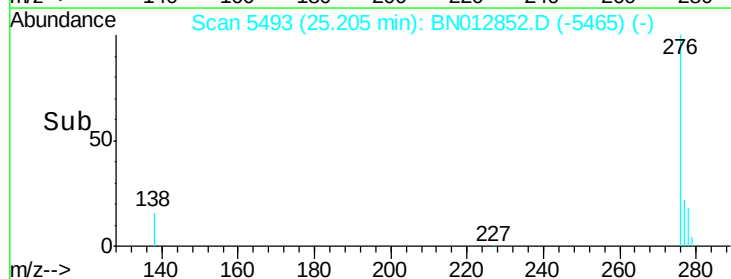
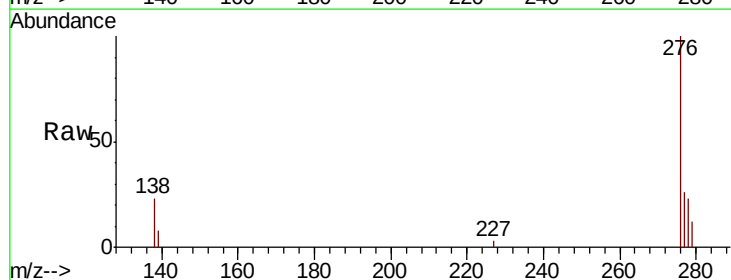
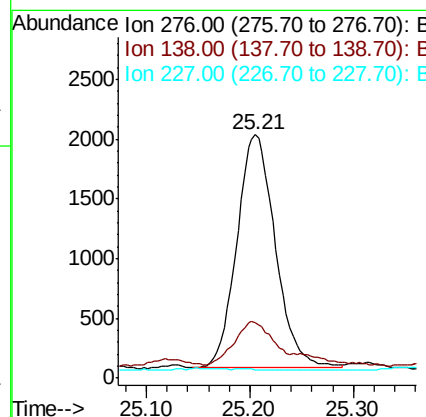
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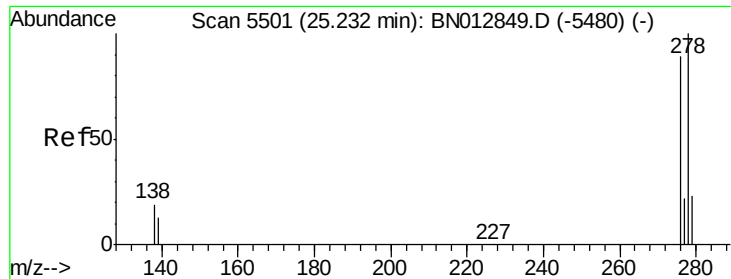
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.233 ng/ul
RT: 25.21 min Scan# 5493
Delta R.T. -0.01 min
Lab File: BN012852.D
Acq: 03 Dec 2020 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	16.2	24.2
227	0.0	0.0	0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.069 ng/ul

RT: 25.21 min Scan# 5495

Delta R.T. -0.01 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Instrument :

BNA_N

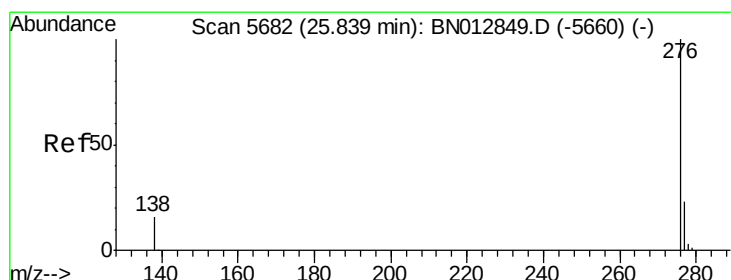
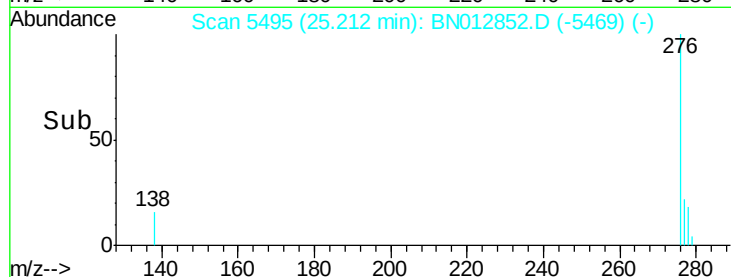
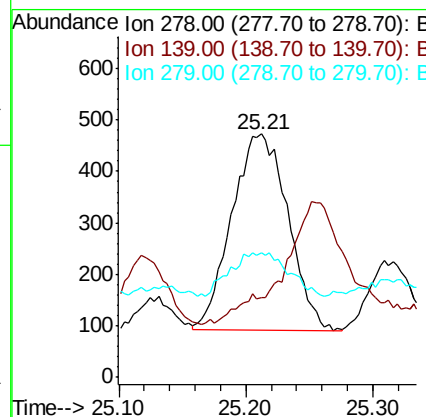
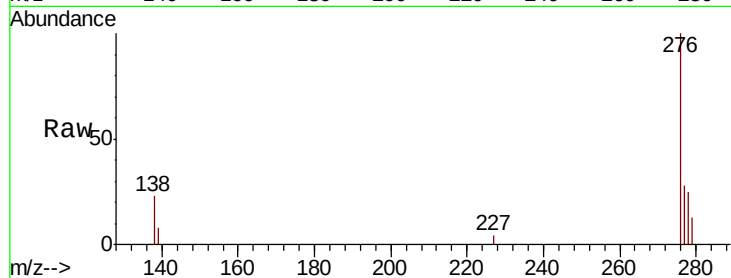
ClientSampleId :

C0B87

Tot Ion:	278	Resp:	1175
Ion Ratio	Lower	Upper	
278	100		
139	32.6	14.5	21.7#
279	51.4	26.3	39.5#

Manual Integrations
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#26

Benzo(g,h,i)perylene

Concen: 0.209 ng/ul

RT: 25.84 min Scan# 5681

Delta R.T. 0.00 min

Lab File: BN012852.D

Acq: 03 Dec 2020 18:20

Tgt Ion:	276	Resp:	4072
Ion Ratio	Lower	Upper	
276	100		
138	23.1	16.3	24.5
277	27.7	21.8	32.6

