

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012861.D
 Acq On : 03 Dec 2020 23:44
 Operator : CG/JU
 Sample : L4865-05DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B77DL

Manual Integrations
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mohammad
 12/7/2020 8:51:44 AM

Quant Time: Dec 04 00:58:36 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 : Fri Dec 04 00:14:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	645	0.40	ng/ul	0.00
2) Naphthalene-d8	10.17	136	2481	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	1426	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	3056	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	2704	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2785	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	115	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	264	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	159	0.022	ng/ul#	44
7) Acenaphthylene	13.78	152	152	0.023	ng/ul#	42
8) Acenaphthene	14.12	153	646	0.117	ng/ul	98
9) Fluorene	15.12	166	740	0.116	ng/ul#	98
12) Phenanthrene	16.86	178	27991	2.732	ng/ul	97
13) Anthracene	16.95	178	2719	0.312	ng/ul	98
15) Fluoranthene	18.89	202	41295	3.392	ng/ul	94
17) Pyrene	19.26	202	33747	2.642	ng/ul	96
18) Benzo(a)anthracene	21.02	228	12295	1.099	ng/ul	99
19) Chrysene	21.07	228	15766	1.275	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	18241m	1.416	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	6691m	0.470	ng/ul	
23) Benzo(a)pyrene	23.05	252	10910	0.913	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.20	276	7922	0.504	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.20	278	1941	0.156	ng/ul#	87
26) Benzo(a,h,i)perylene	25.83	276	7129	0.502	ng/ul	98

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

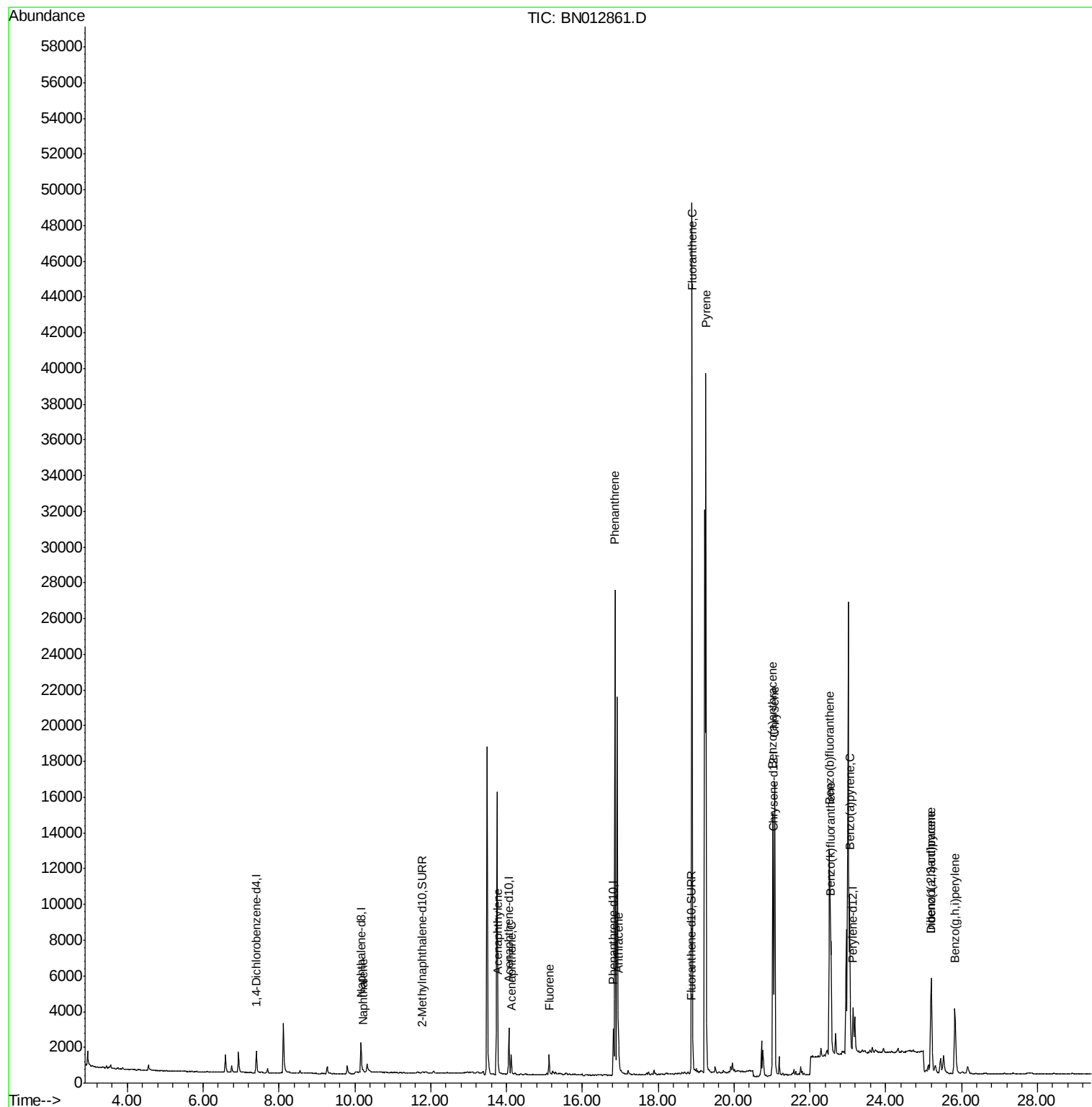
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012861.D
Acq On : 03 Dec 2020 23:44
Operator : CG/JU
Sample : L4865-05DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

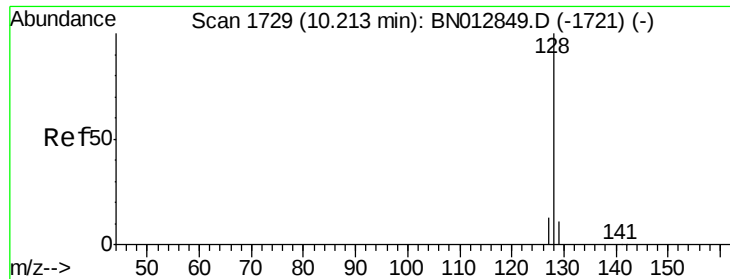
Instrument :
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Quant Time: Dec 04 00:58:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 00:14:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.21 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Instrument :

BNA_N

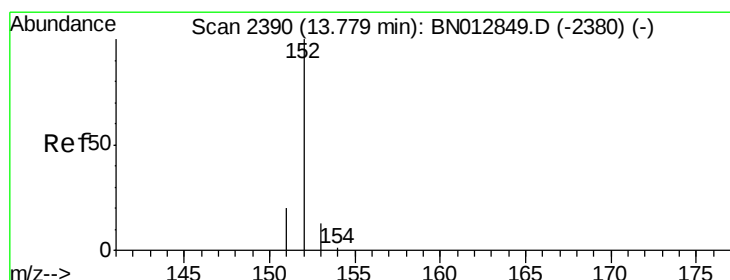
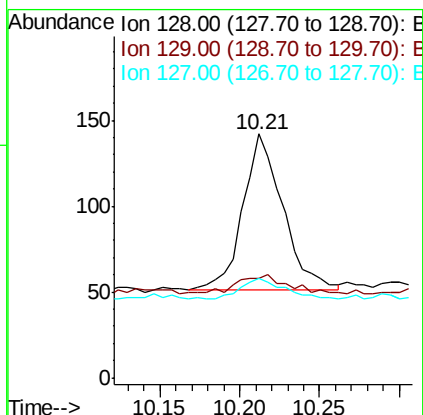
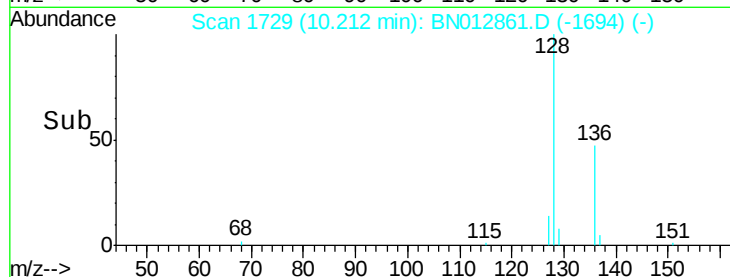
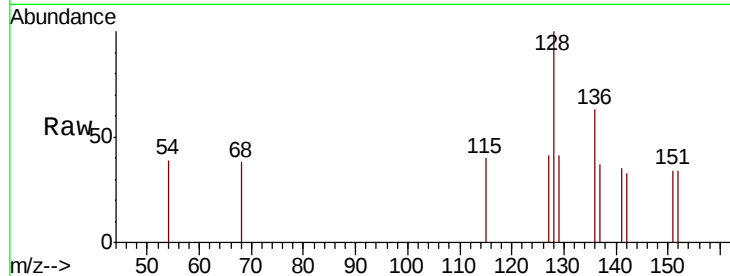
ClientSampleId :

C0B77DL

Tot Ion:	128	Resp:	159
Ion	Ratio	Lower	Upper
128	100		
129	40.8	12.3	18.5#
127	40.8	14.2	21.4#

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#7

Acenaphthylene

Concen: 0.023 ng/ul

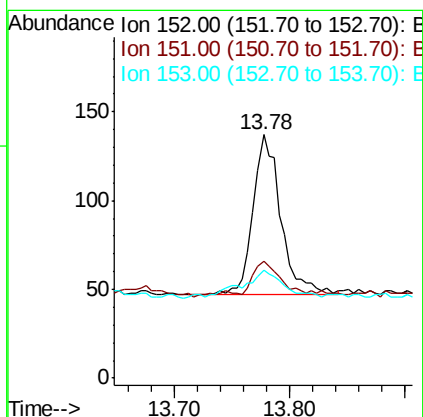
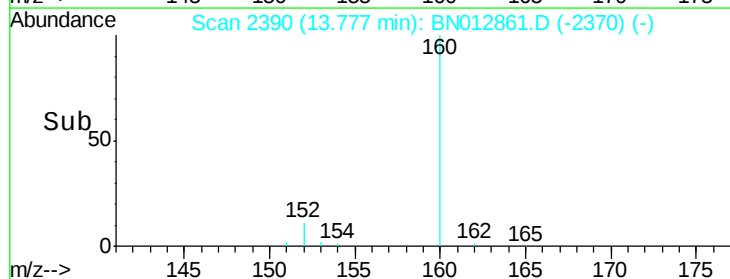
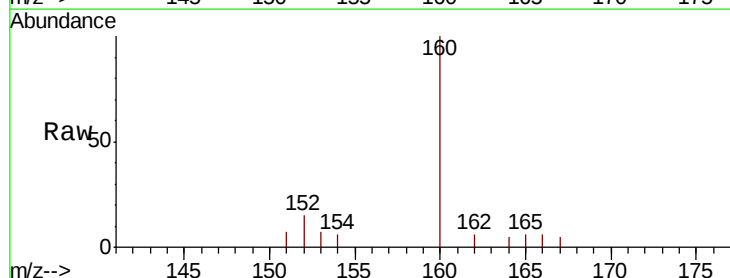
RT: 13.78 min Scan# 2390

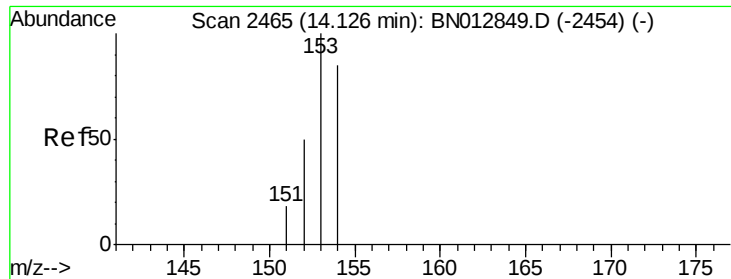
Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Tgt Ion:	152	Resp:	152
Ion	Ratio	Lower	Upper
152	100		
151	48.2	18.2	27.4#
153	44.5	13.1	19.7#





#8

Acenaphthene

Concen: 0.117 ng/ul

RT: 14.12 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Instrument :

BNA_N

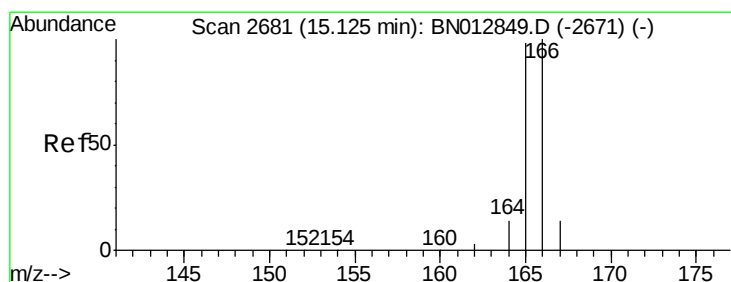
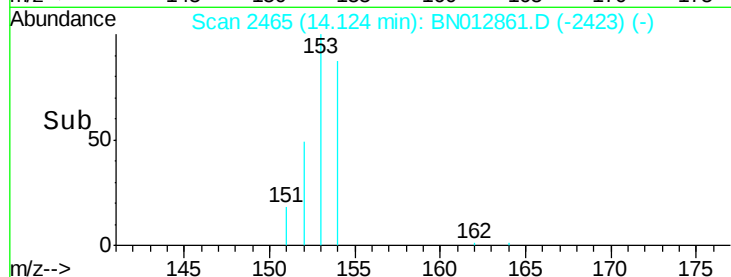
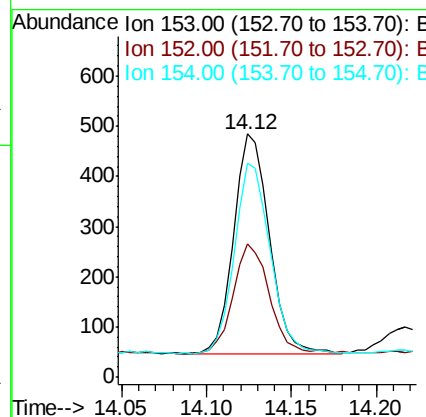
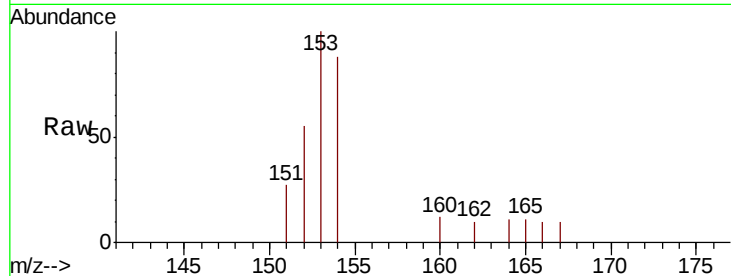
ClientSampleId :

C0B77DL

Tot Ion:	153	Resp:	646
Ion	Ratio	Lower	Upper
153	100		
152	54.6	40.7	61.1
154	88.0	70.8	106.2

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#9

Fluorene

Concen: 0.116 ng/ul

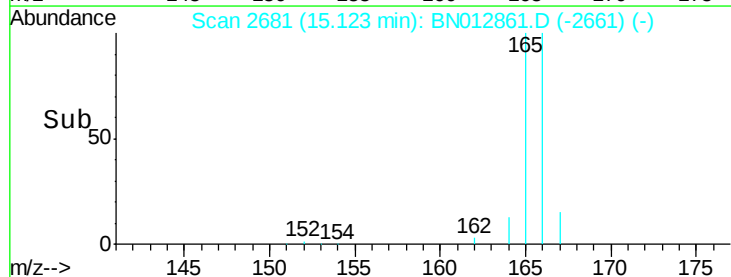
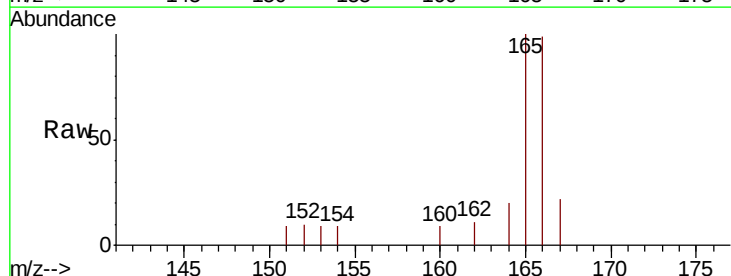
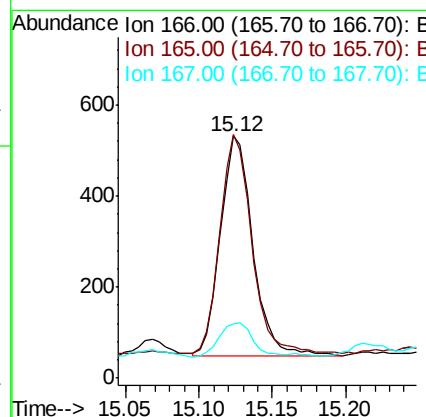
RT: 15.12 min Scan# 2681

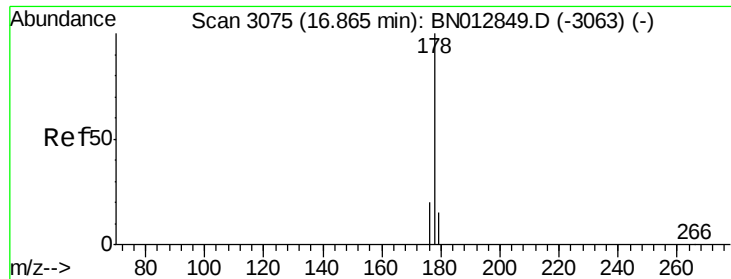
Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Tgt Ion:	166	Resp:	740
Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	22.6	13.8	20.8





#12

Phenanthrene

Concen: 2.732 ng/ul

RT: 16.86 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Instrument :

BNA_N

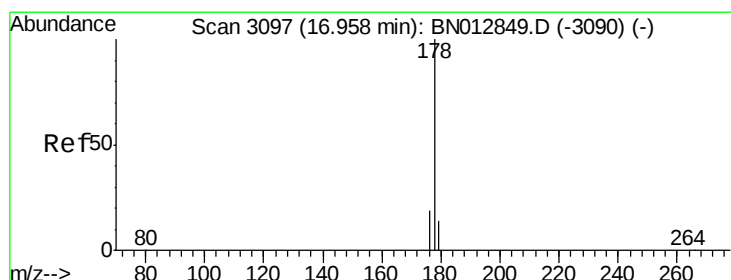
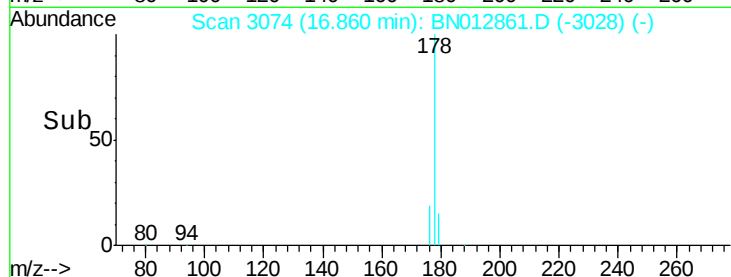
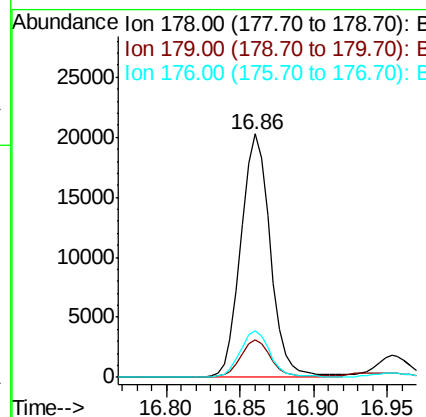
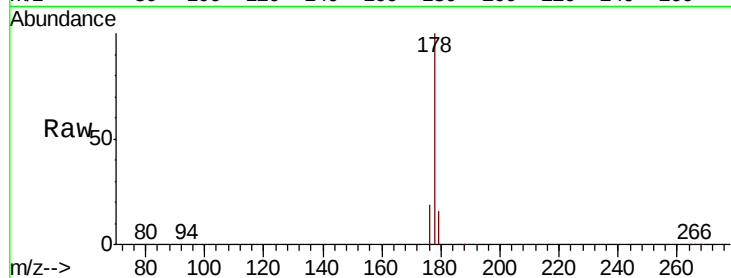
ClientSampled :

C0B77DL

Tot Ion:178	Resp:	27991
Ion Ratio	Lower	Upper
178	100	
179	15.5	13.6 20.4
176	19.1	16.4 24.6

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#13

Anthracene

Concen: 0.312 ng/ul

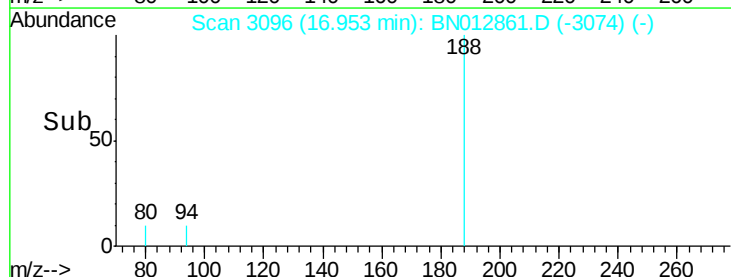
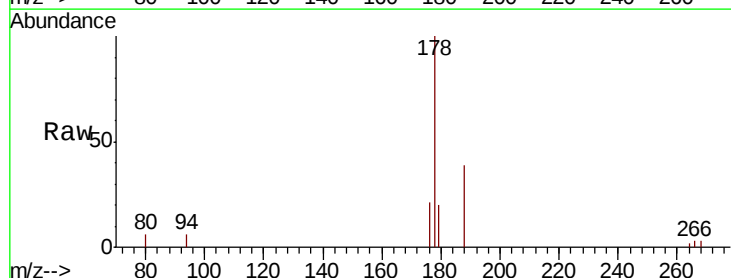
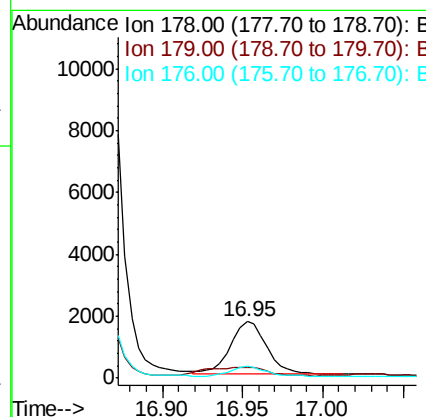
RT: 16.95 min Scan# 3096

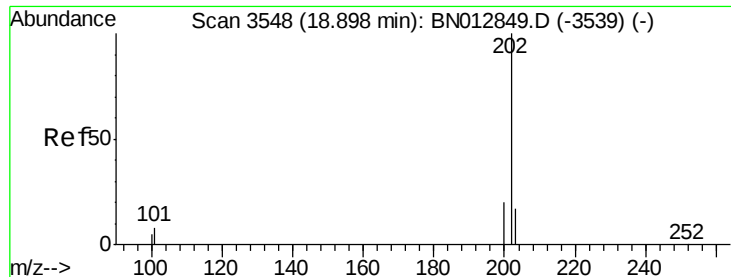
Delta R.T. -0.01 min

Lab File: BN012861.D

Acq: 03 Dec 2020 23:44

Tgt Ion:178	Resp:	2719
Ion Ratio	Lower	Upper
178	100	
179	19.6	14.6 21.8
176	20.6	17.1 25.7





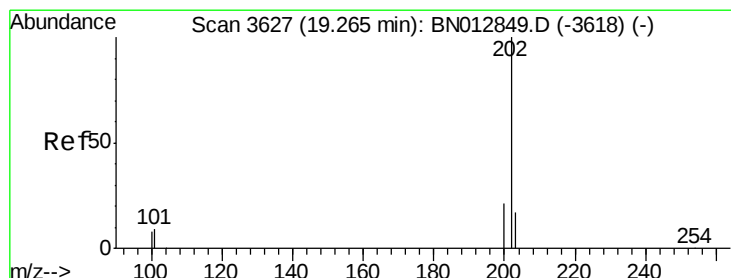
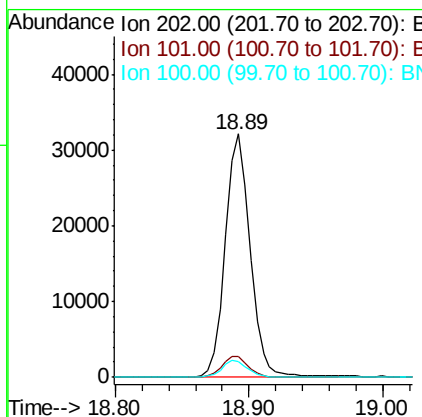
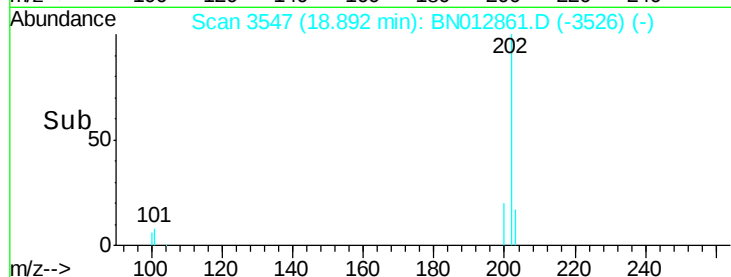
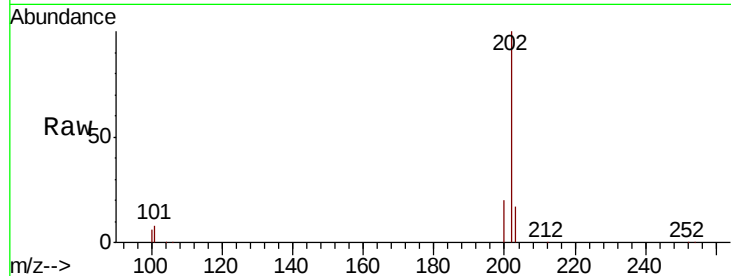
#15
Fluoranthene
Concen: 3.392 ng/ul
RT: 18.89 min Scan# 3547
Delta R.T. -0.00 min
Lab File: BN012861.D
Acq: 03 Dec 2020 23:44

Instrument :
BNA_N
ClientSampleId :
C0B77DL

Tot Ion:	202	Resp:	41295
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	30.6
100	6.4	0.0	28.7

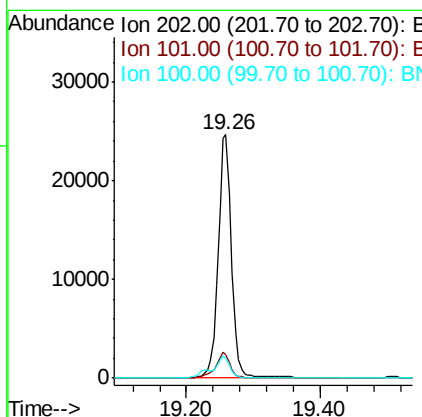
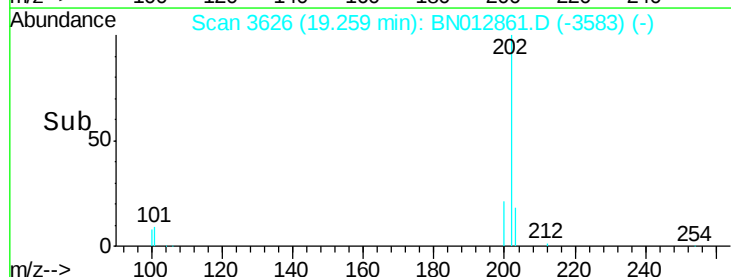
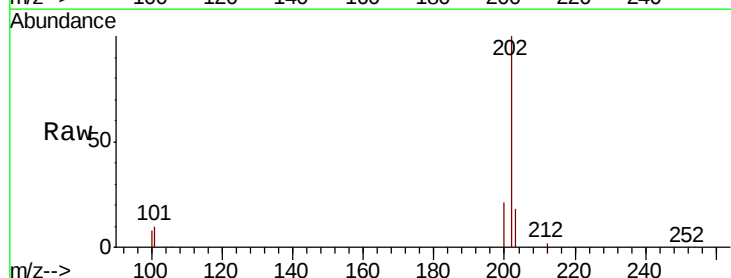
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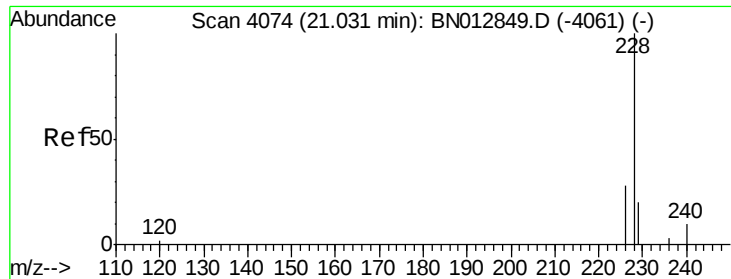
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#17
Pyrene
Concen: 2.642 ng/ul
RT: 19.26 min Scan# 3626
Delta R.T. -0.00 min
Lab File: BN012861.D
Acq: 03 Dec 2020 23:44

Tgt Ion:	202	Resp:	33747
Ion Ratio	Lower	Upper	
202	100		
101	9.6	9.1	13.7
100	8.0	7.5	11.3





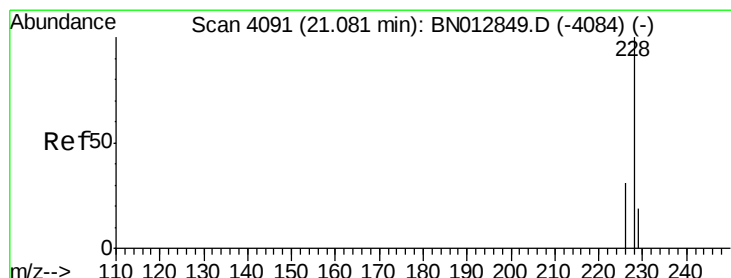
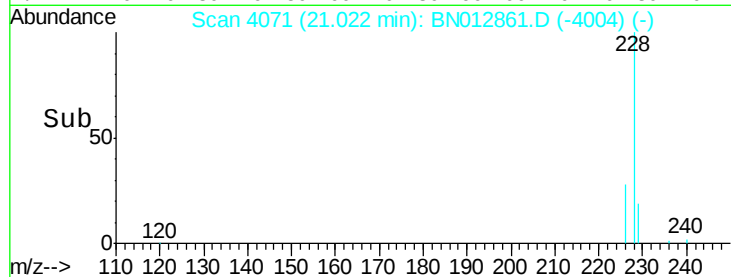
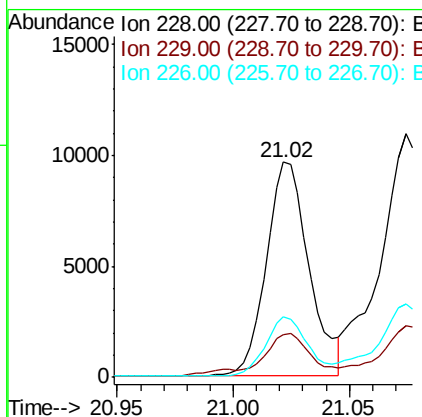
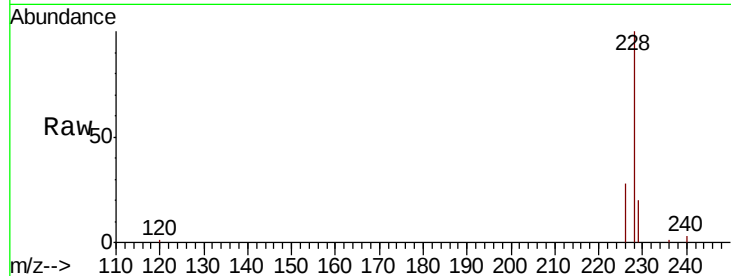
#18
Benzo(a)anthracene
Concen: 1.099 ng/ul
RT: 21.02 min Scan# 4071
Delta R.T. -0.00 min
Lab File: BN012861.D
Acq: 03 Dec 2020 23:44

Instrument :
BNA_N
ClientSampleId :
C0B77DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.3	24.5
226	28.2	23.4	35.2

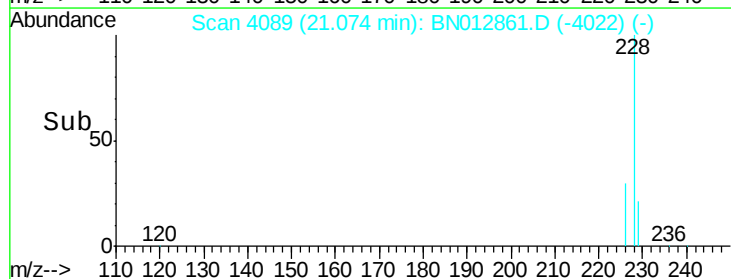
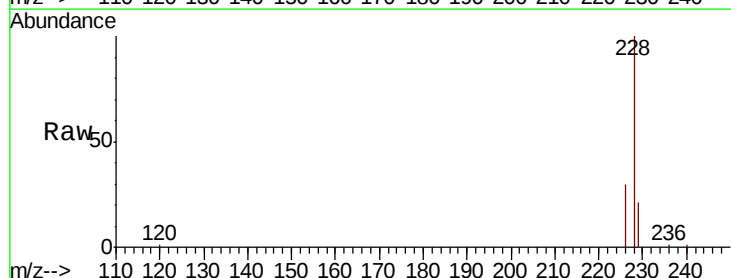
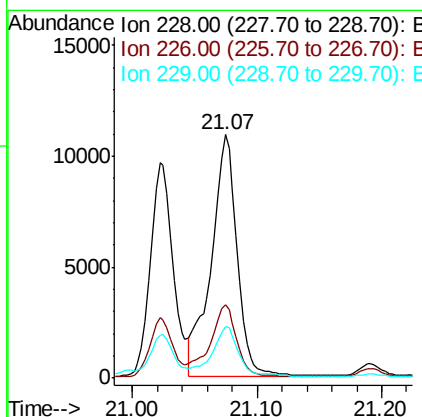
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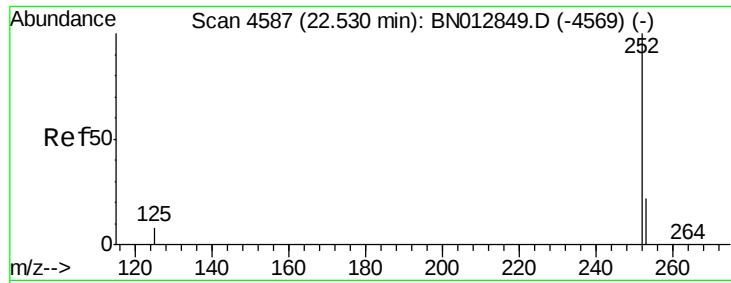
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#19
Chrysene
Concen: 1.275 ng/ul
RT: 21.07 min Scan# 4089
Delta R.T. -0.00 min
Lab File: BN012861.D
Acq: 03 Dec 2020 23:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.0	16.4	24.6





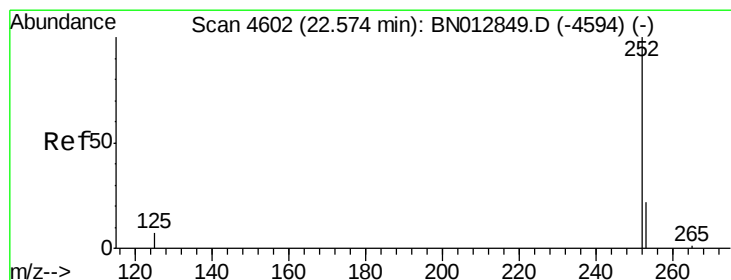
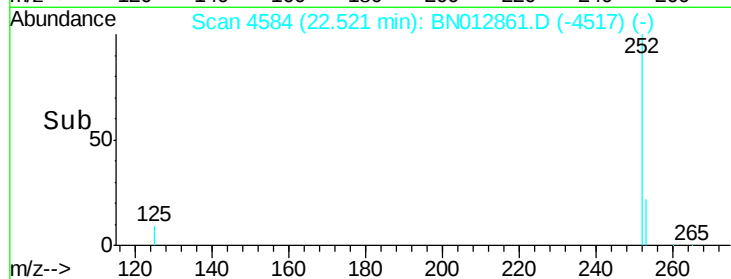
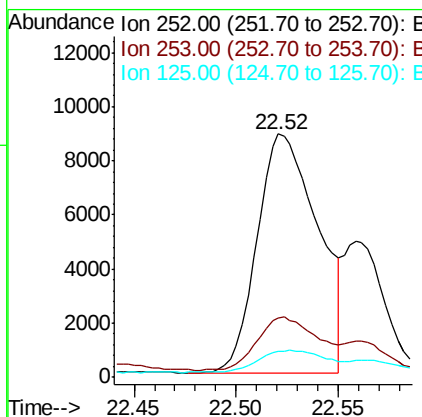
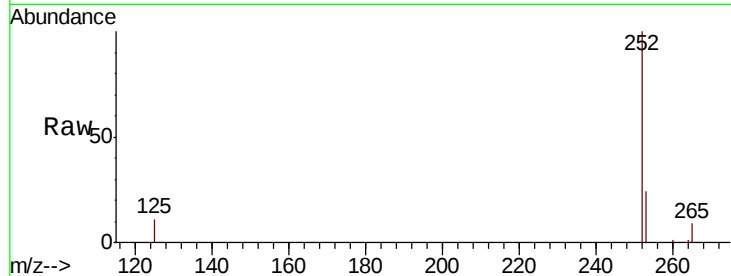
#21
Benzo(b)fluoranthene
Concen: 1.416 ng/ul m
RT: 22.52 min Scan# 4584
Delta R.T. -0.00 min
Lab File: BN012861.D
Acq: 03 Dec 2020 23:44

Instrument :
BNA_N
ClientSampleId :
C0B77DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	59.6
125	10.5	0.0	26.0

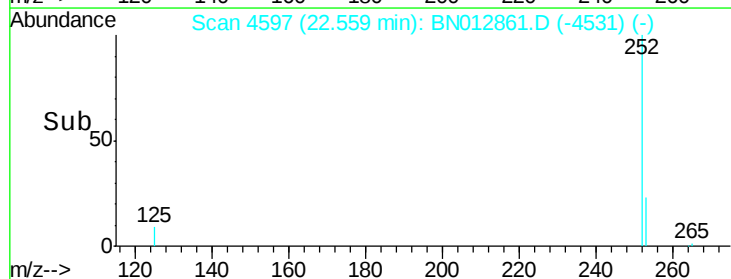
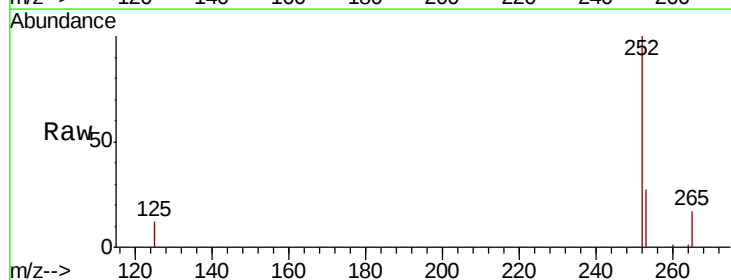
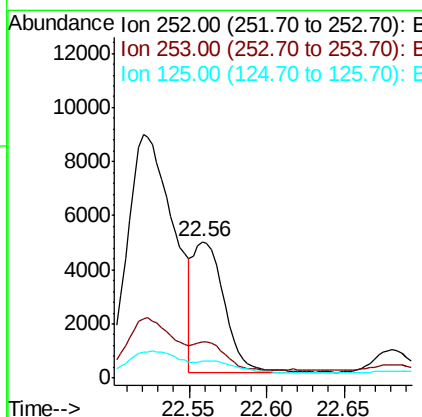
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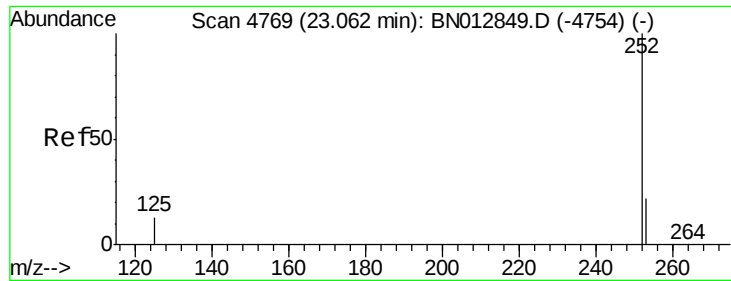
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#22
Benzo(k)fluoranthene
Concen: 0.470 ng/ul m
RT: 22.56 min Scan# 4597
Delta R.T. -0.01 min
Lab File: BN012861.D
Acq: 03 Dec 2020 23:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	23.4	35.2
125	12.2	11.1	16.7





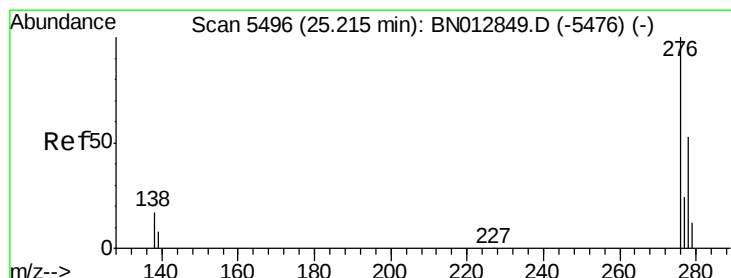
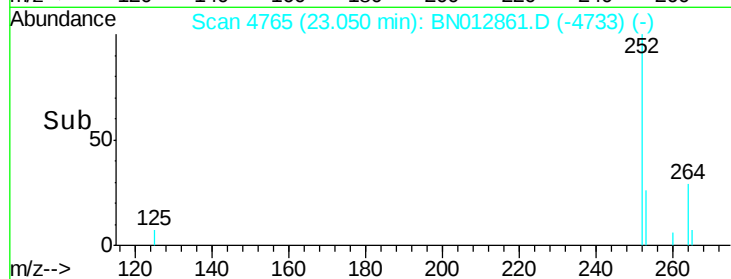
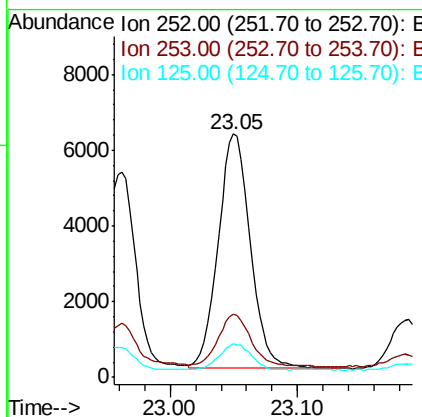
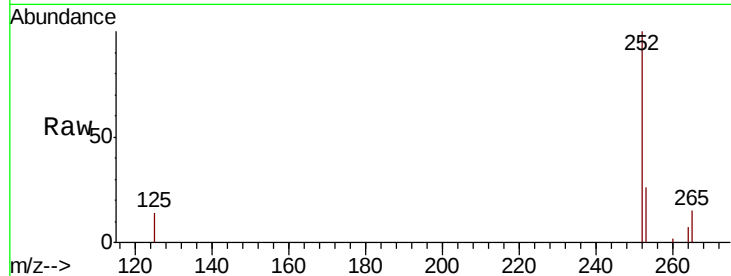
#23
Benzo(a)pyrene
Concen: 0.913 ng/ul
RT: 23.05 min Scan# 4765
Delta R.T. -0.01 min
Lab File: BN012861.D
Acq: 03 Dec 2020 23:44

Instrument :
BNA_N
ClientSampleId :
C0B77DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	26.5	39.7#
125	13.6	14.2	21.2#

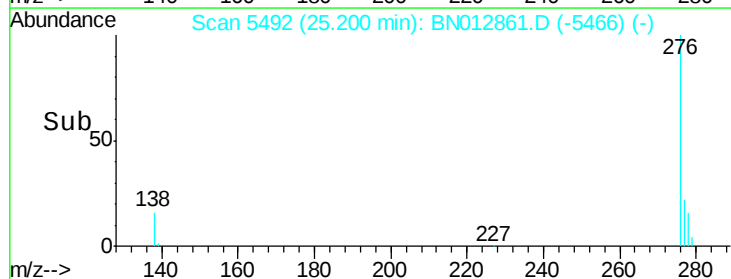
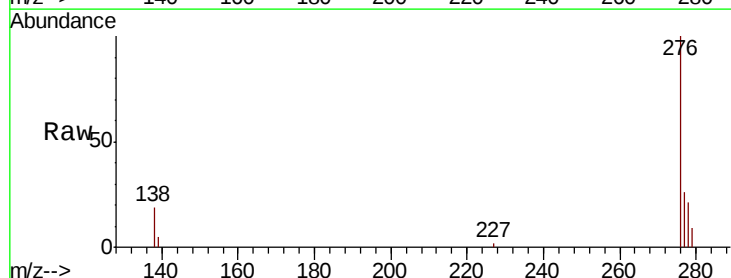
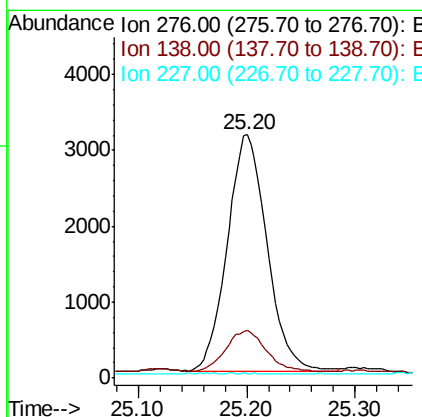
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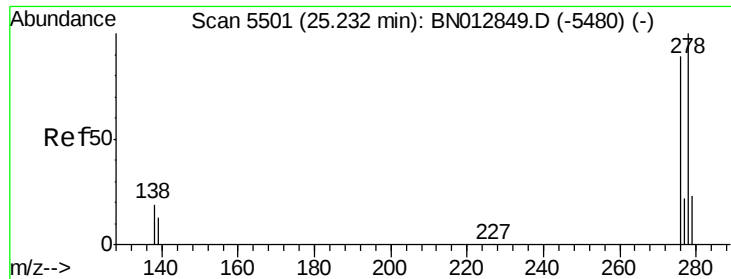
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.504 ng/ul
RT: 25.20 min Scan# 5492
Delta R.T. -0.01 min
Lab File: BN012861.D
Acq: 03 Dec 2020 23:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.2	24.2
227	0.0	0.0	0.0#





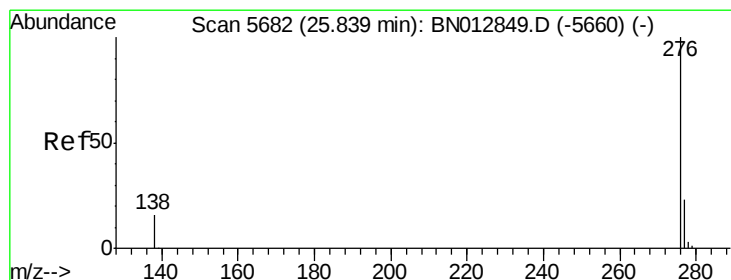
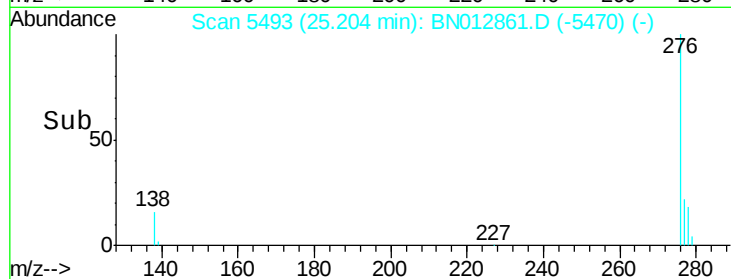
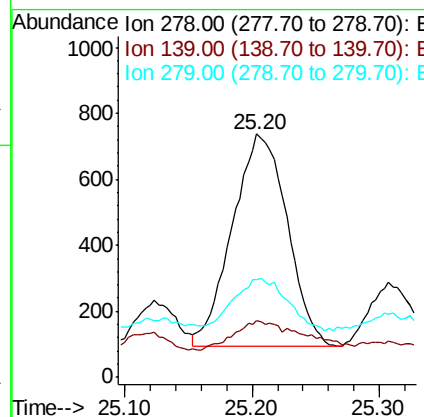
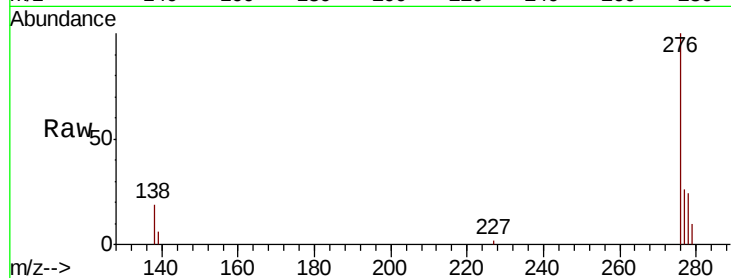
#25
Dibenzo(a,h)anthracene
Concen: 0.156 ng/ul
RT: 25.20 min Scan# 5493
Delta R.T. -0.02 min
Lab File: BN012861.D
Acq: 03 Dec 2020 23:44

Instrument :
BNA_N
ClientSampleId :
C0B77DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.4	14.5	21.7#
279	40.1	26.3	39.5#

Manual Integrations
APPROVED

mohammad
12/7/2020 8:51:44 AM



#26
Benzo(g,h,i)perylene
Concen: 0.502 ng/ul
RT: 25.83 min Scan# 5679
Delta R.T. -0.01 min
Lab File: BN012861.D
Acq: 03 Dec 2020 23:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.3	24.5
277	25.8	21.8	32.6

