

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012833.D
 Acq On : 02 Dec 2020 23:45
 Operator : CG/JU
 Sample : L4865-07
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B91

Manual Integrations
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Quant Time: Dec 03 01:24:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 03 00:42:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	1304	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	5438	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	3100	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	6494	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	5291	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	5447	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	811	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1878	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.22	128	547	0.033	ng/ul#	79
5) 2-Methylnaphthalene	11.86	142	376	0.036	ng/ul	92
7) Acenaphthylene	13.79	152	570	0.038	ng/ul#	75
12) Phenanthrene	16.87	178	6208	0.275	ng/ul	98
13) Anthracene	16.96	178	1211	0.062	ng/ul#	92
15) Fluoranthene	18.90	202	26903	1.031	ng/ul	99
17) Pyrene	19.26	202	24809	1.048	ng/ul	98
18) Benzo(a)anthracene	21.03	228	12598	0.664	ng/ul	99
19) Chrysene	21.08	228	15981	0.675	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	24032m	0.959	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	9064m	0.314	ng/ul	
23) Benzo(a)pyrene	23.06	252	15601	0.662	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.22	276	12404	0.402	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.22	278	2692	0.109	ng/ul#	85
26) Benzo(g,h,i)perylene	25.85	276	11563	0.417	ng/ul	97

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

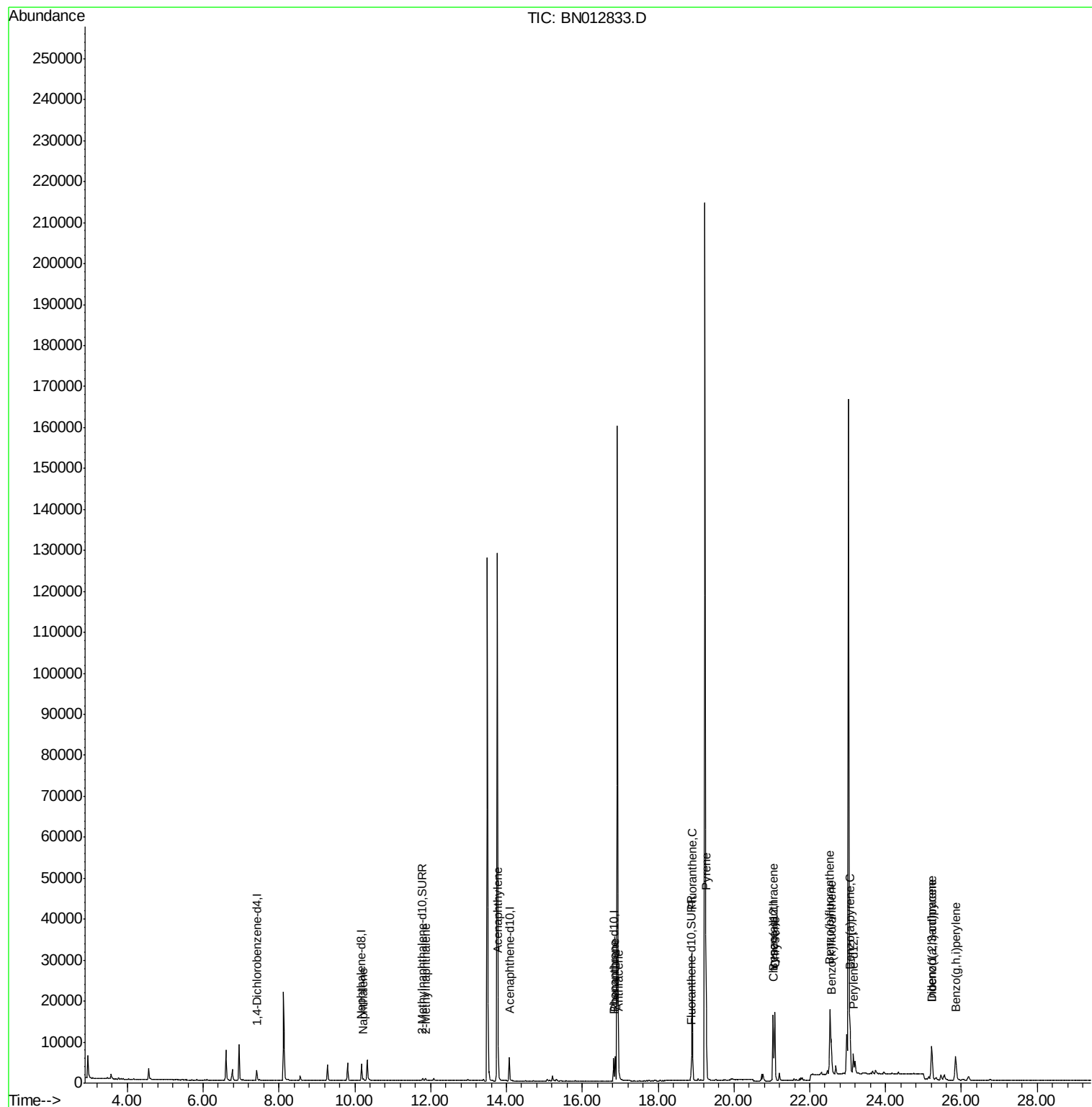
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012833.D
Acq On : 02 Dec 2020 23:45
Operator : CG/JU
Sample : L4865-07
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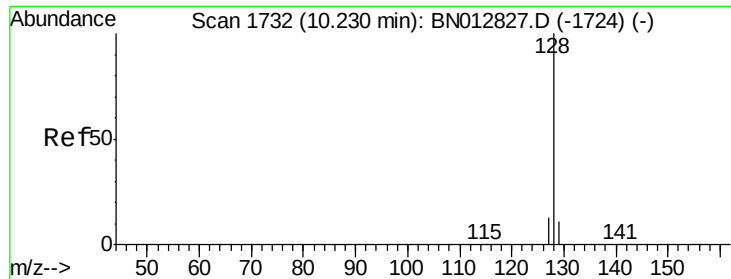
Instrument :
BNA_N
ClientSampleId :
C0B91

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Quant Time: Dec 03 01:24:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 03 00:42:46 2020
Response via : Initial Calibration





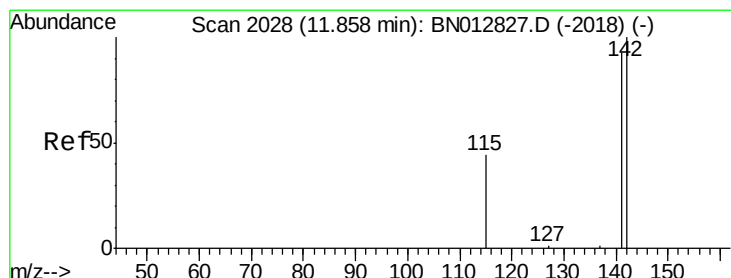
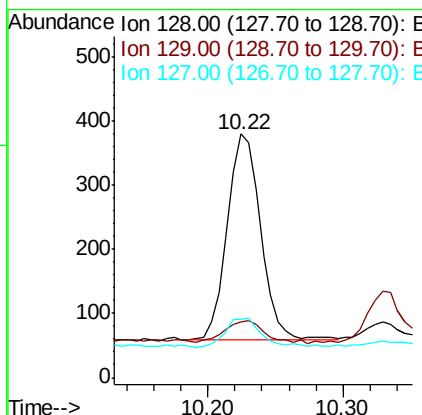
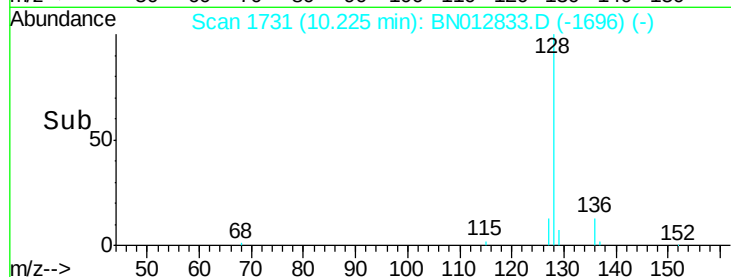
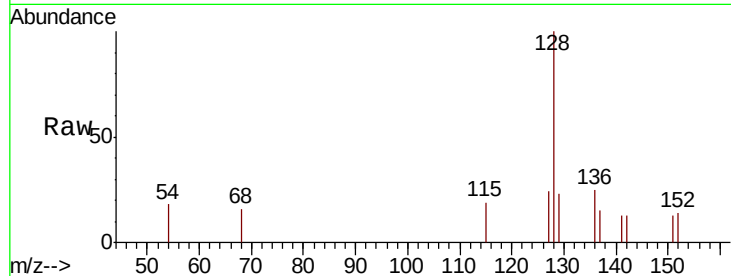
#3
Naphthalene
Concen: 0.033 ng/ul
RT: 10.22 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BN012833.D
Acq: 02 Dec 2020 23:45

Instrument :
BNA_N
ClientSampleId :
C0B91

Tot Ion	Ratio	Lower	Upper
128	100		
129	23.0	11.2	16.8#
127	24.0	12.5	18.7#

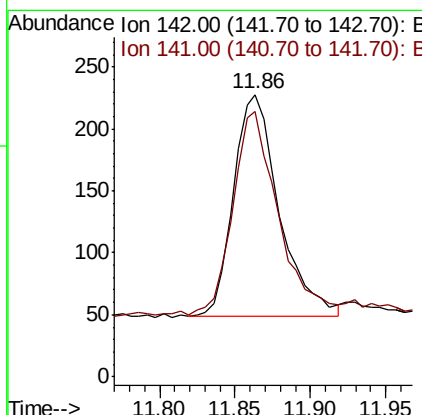
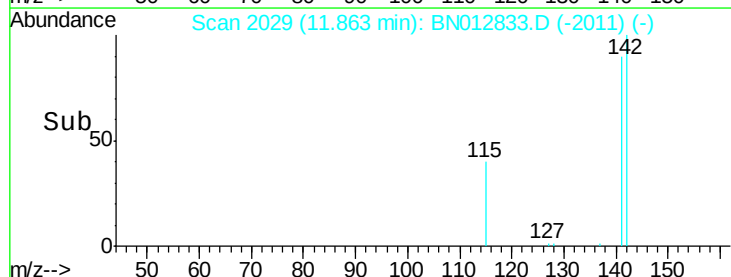
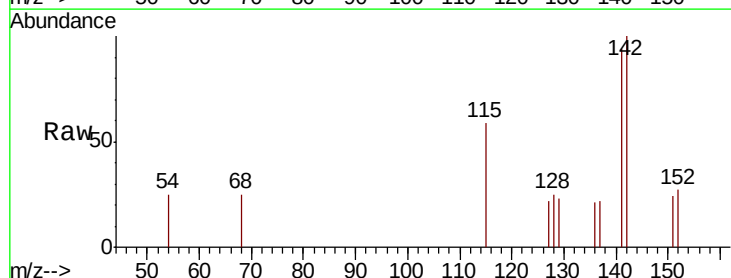
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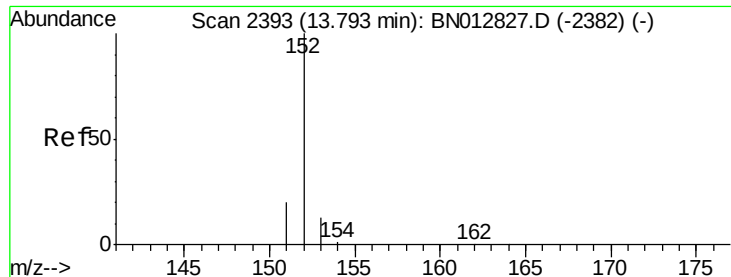
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#5
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 11.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BN012833.D
Acq: 02 Dec 2020 23:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.9	72.3	108.5





#7

Acenaphthylene

Concen: 0.038 ng/ul

RT: 13.79 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Instrument :

BNA_N

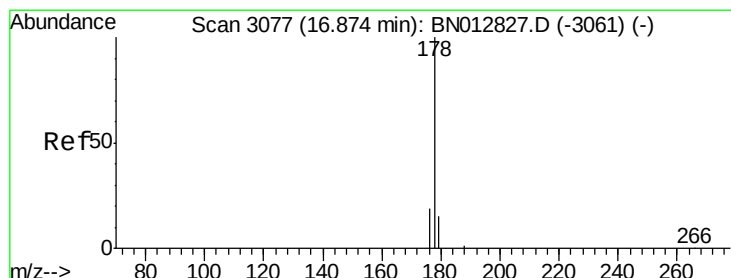
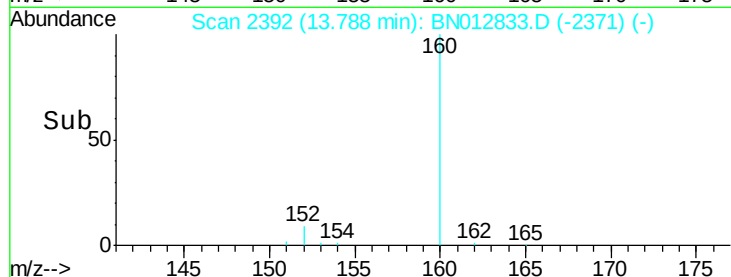
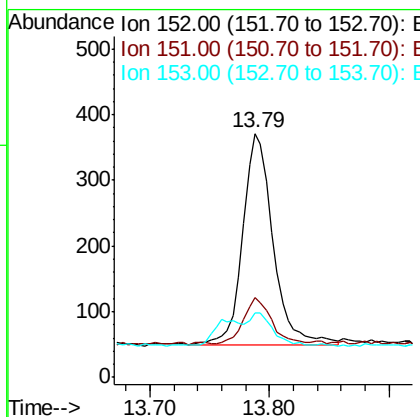
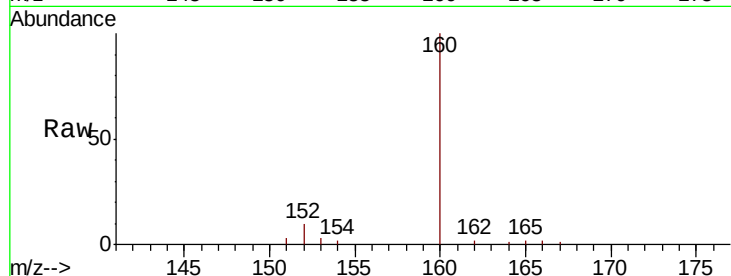
ClientSampleId :

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Tot Ion:	152	Resp:	570
Ion	Ratio	Lower	Upper
152	100		
151	32.6	17.1	25.7#
153	26.7	12.6	19.0#

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#12

Phenanthrene

Concen: 0.275 ng/ul

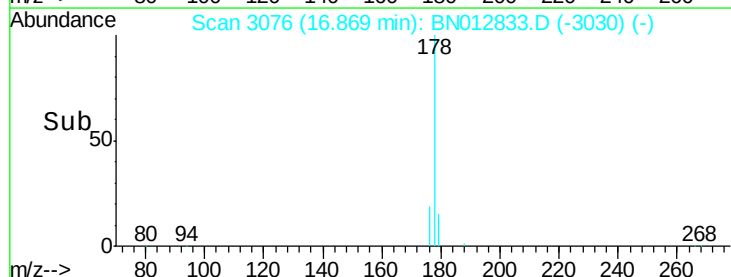
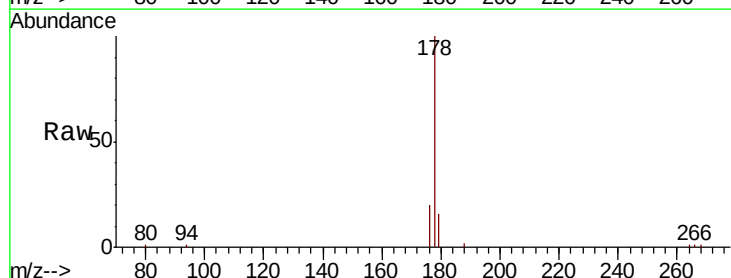
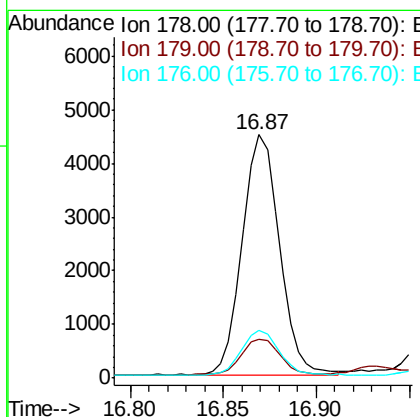
RT: 16.87 min Scan# 3076

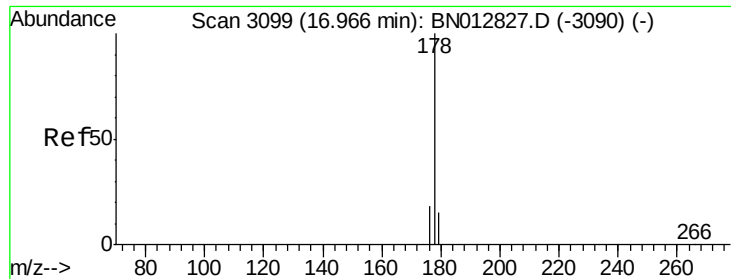
Delta R.T. -0.00 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Tgt Ion:	178	Resp:	6208
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.8	20.6
176	19.9	16.7	25.1





#13

Anthracene

Concen: 0.062 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Instrument :

BNA_N

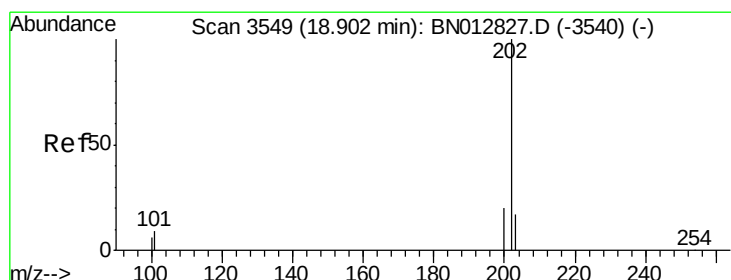
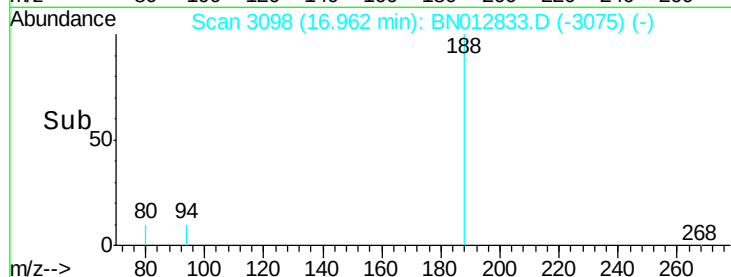
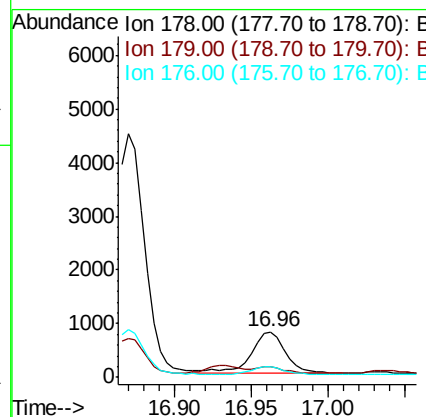
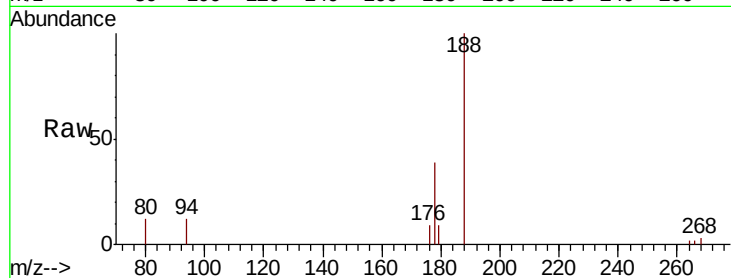
ClientSampleId :

C0B91

Tot Ion:	178	Resp:	1211
Ion Ratio	Lower	Upper	
178	100		
179	22.3	14.8	22.2#
176	24.1	16.3	24.5

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#15

Fluoranthene

Concen: 1.031 ng/ul

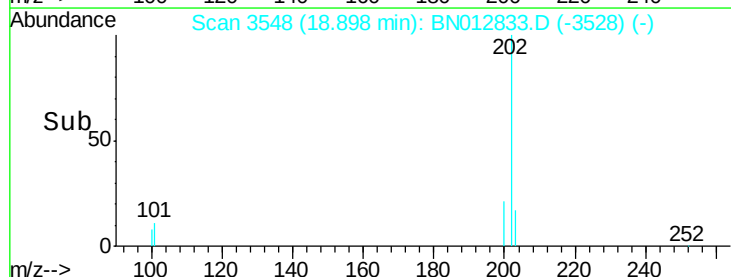
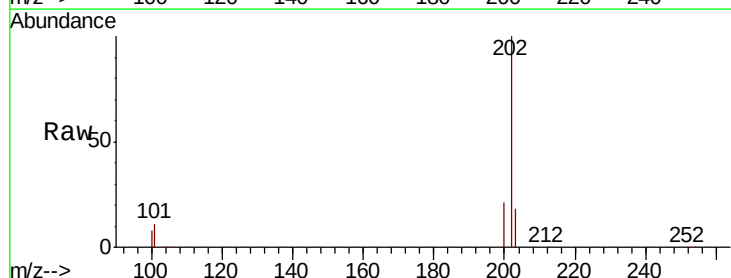
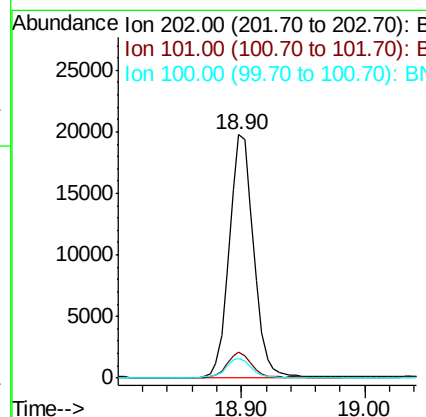
RT: 18.90 min Scan# 3548

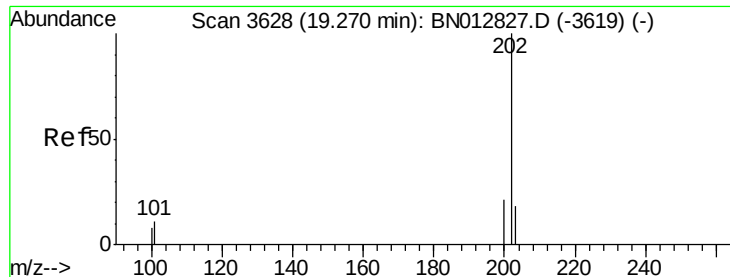
Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Tgt Ion:	202	Resp:	26903
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.5
100	8.3	0.0	28.4





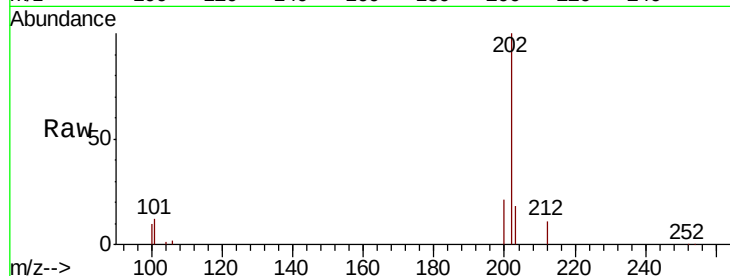
#17
Pvrene
Concen: 1.048 ng/ul
RT: 19.26 min Scan# 3627
Delta R.T. -0.00 min
Lab File: BN012833.D
Acq: 02 Dec 2020 23:45

Instrument :
BNA_N
ClientSampleId :
C0B91

Tot Ion	Ratio	Resp	Lower	Upper
202	100	24809		
101	12.0		8.9	13.3
100	10.0		7.4	11.2

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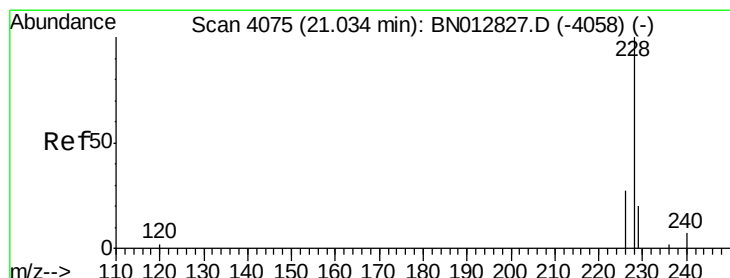
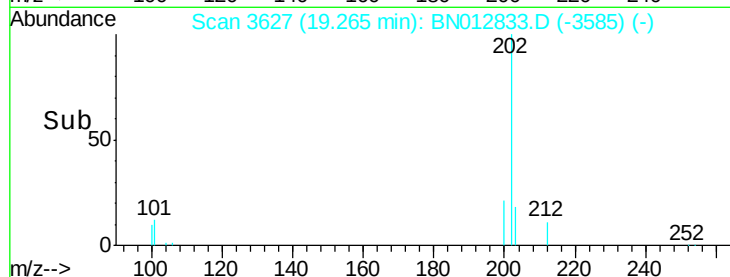
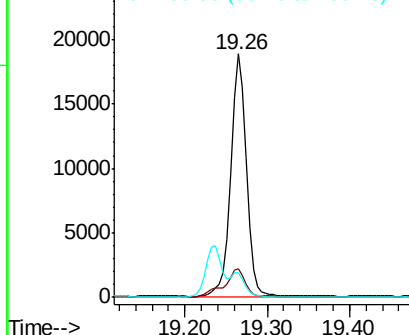


Abundance

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: 0.664 ng/ul
RT: 21.03 min Scan# 4073
Delta R.T. -0.01 min
Lab File: BN012833.D
Acq: 02 Dec 2020 23:45

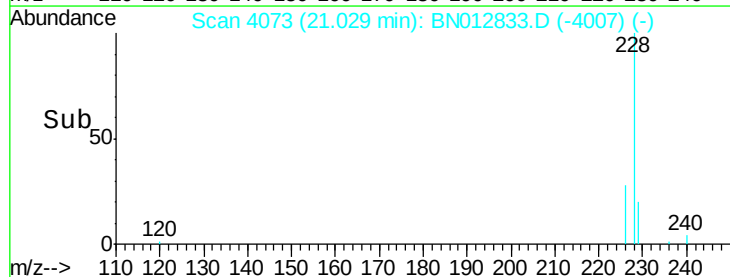
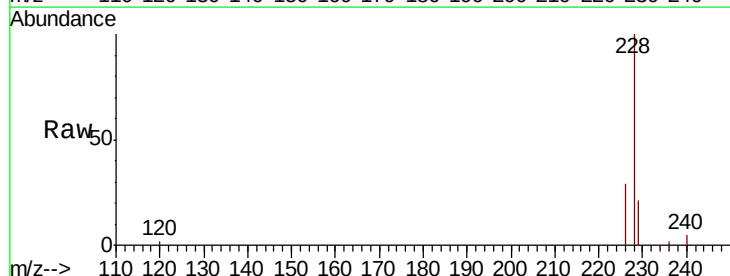
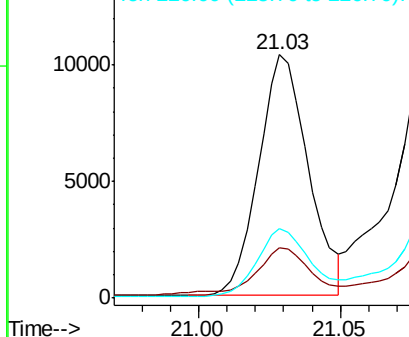
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	12598		
229	20.6		16.9	25.3
226	28.6		23.1	34.7

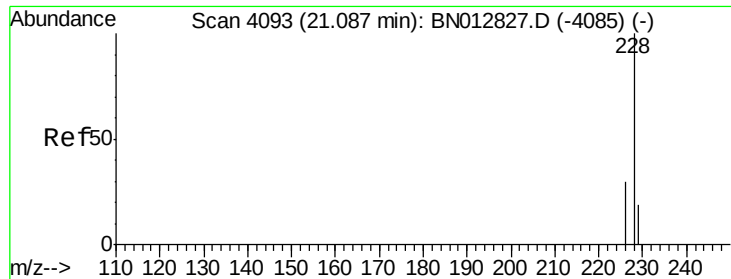
Abundance

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: 0.675 ng/ul

RT: 21.08 min Scan# 4091

Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Instrument :

BNA_N

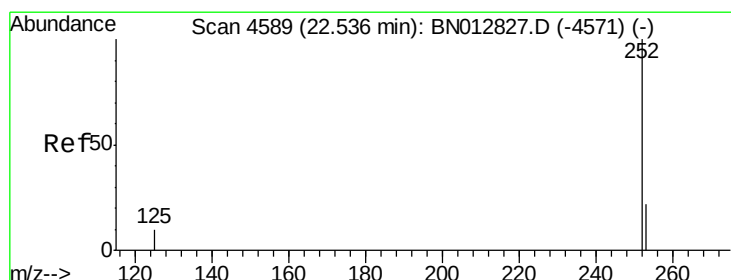
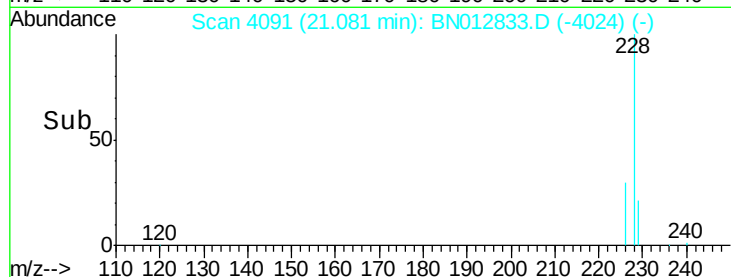
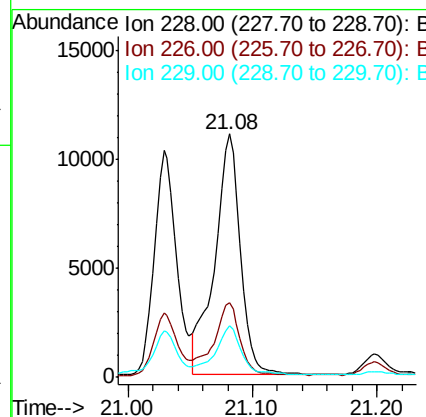
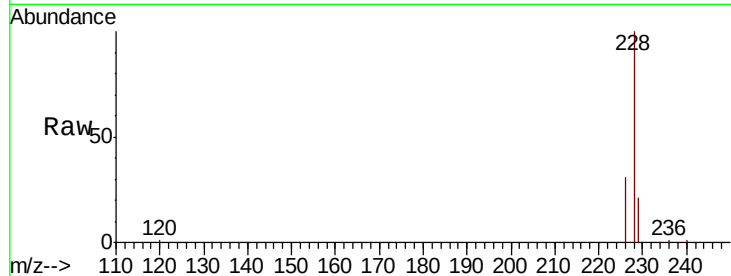
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Tot Ion:228	Resp:	15981
Ion Ratio	Lower	Upper
228 100		
226 30.5	24.4	36.6
229 21.3	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 0.959 ng/ul m

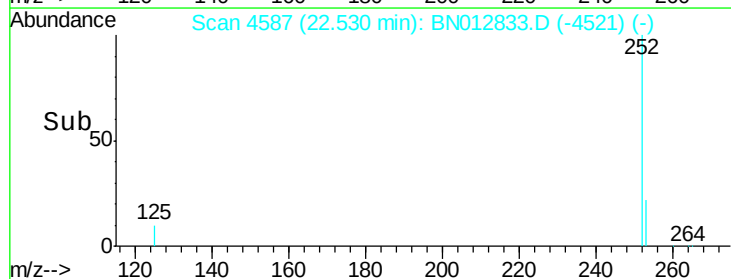
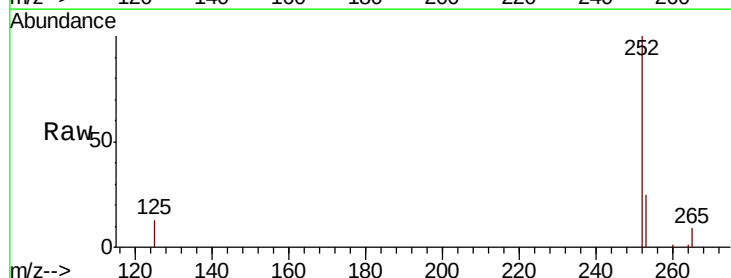
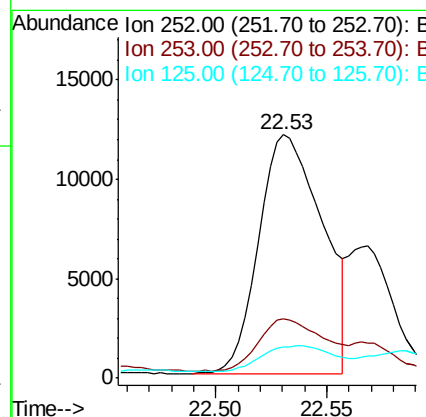
RT: 22.53 min Scan# 4587

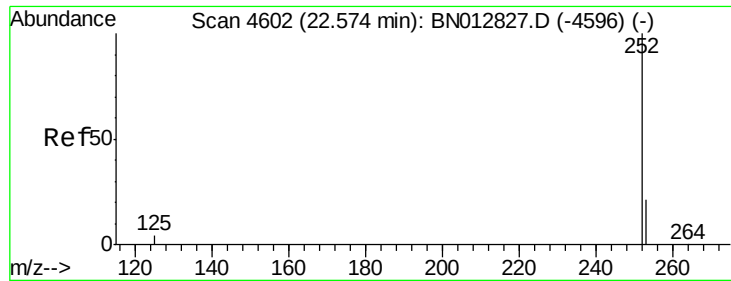
Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Tgt Ion:252	Resp:	24032
Ion Ratio	Lower	Upper
252 100		
253 24.5	0.0	58.4
125 12.8	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.314 ng/ul m

RT: 22.57 min Scan# 4600

Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Instrument :

BNA_N

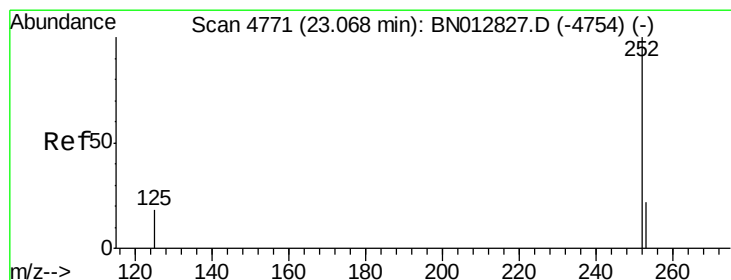
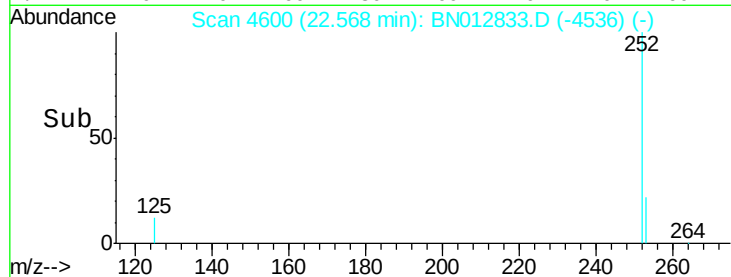
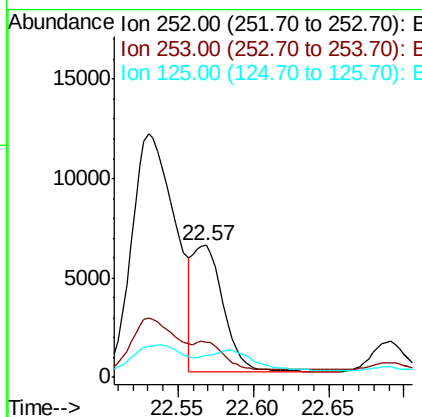
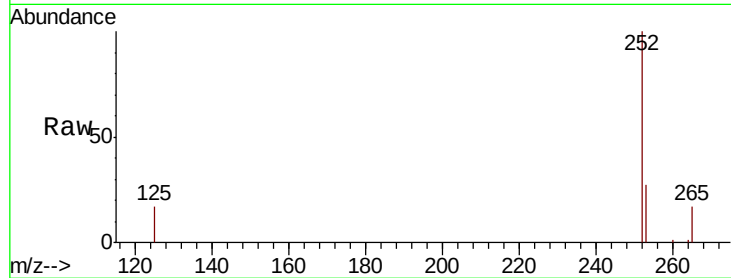
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	23.4	35.2
125	16.7	10.2	15.2

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#23

Benzo(a)pyrene

Concen: 0.662 ng/ul

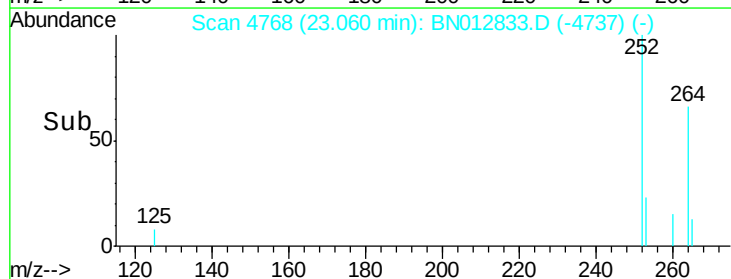
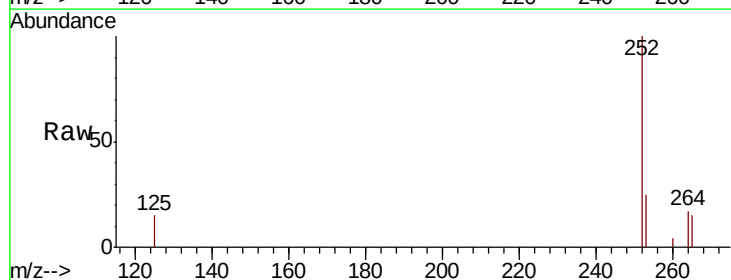
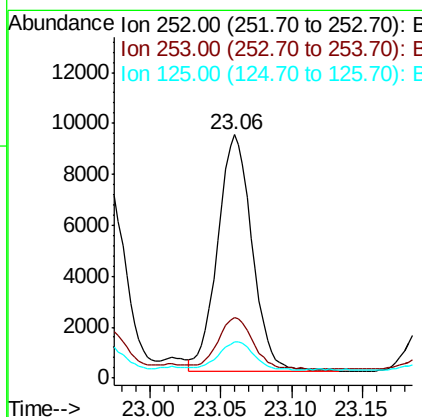
RT: 23.06 min Scan# 4768

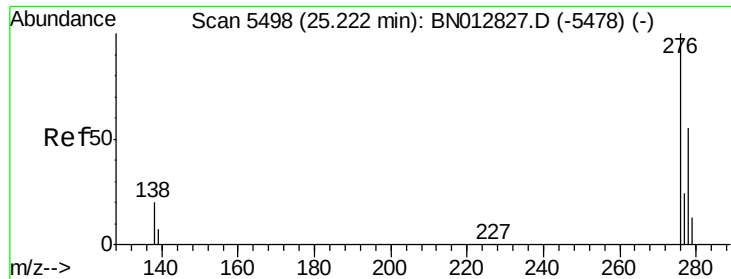
Delta R.T. -0.01 min

Lab File: BN012833.D

Acq: 02 Dec 2020 23:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	27.6	41.4
125	15.1	17.0	25.4





#24

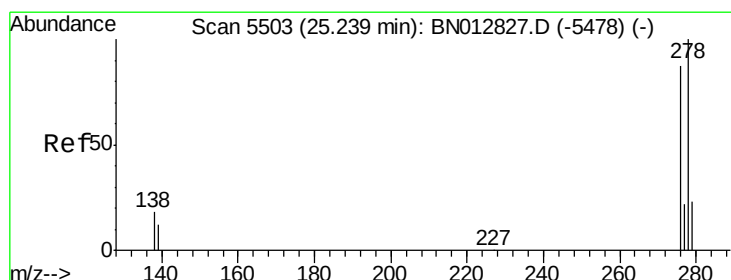
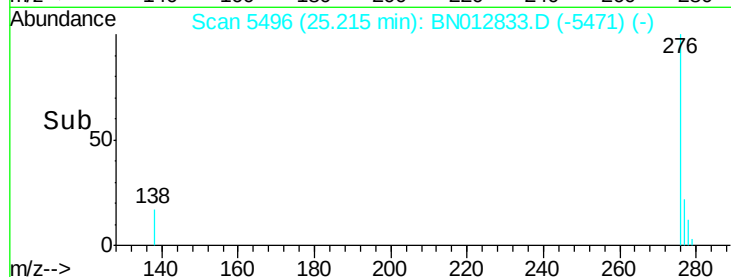
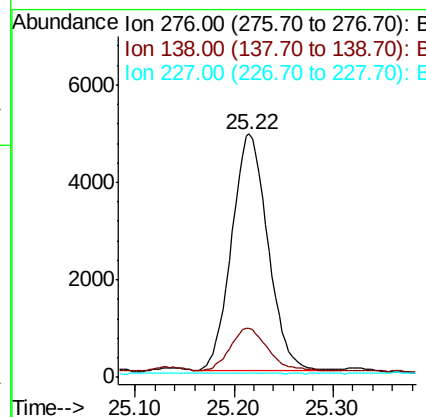
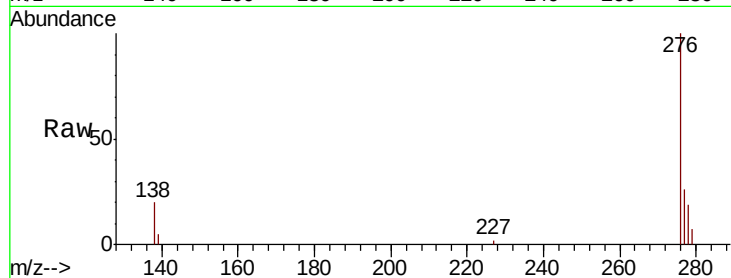
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 25.22 min Scan# 5496
Delta R.T. -0.02 min
Lab File: BN012833.D
Acq: 02 Dec 2020 23:45

Instrument :
BNA_N
ClientSampleId :
C0B91

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.5	24.7
227	0.0	0.1	0.1

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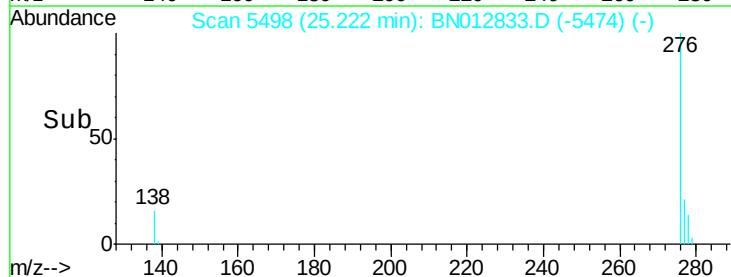
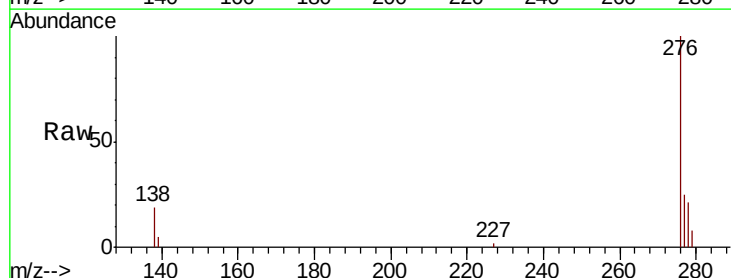
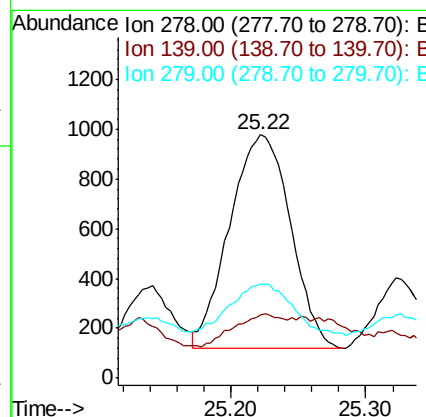
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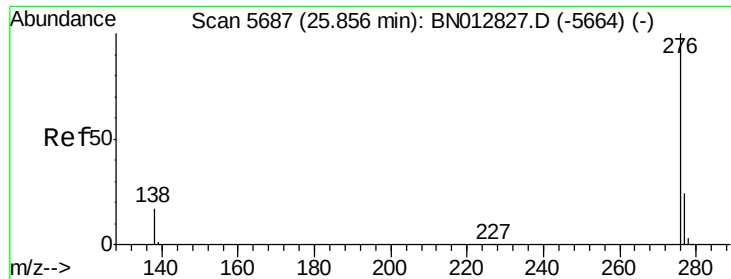


#25

Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 25.22 min Scan# 5498
Delta R.T. -0.02 min
Lab File: BN012833.D
Acq: 02 Dec 2020 23:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.0	13.8	20.8
279	38.8	25.6	38.4





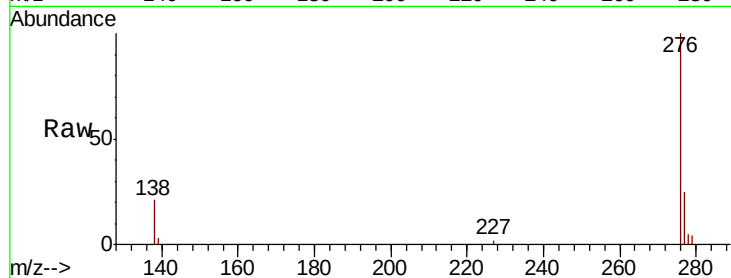
#26
 Benzo(a,h,i)perylene
 Concen: 0.417 ng/ul
 RT: 25.85 min Scan# 5684
 Delta R.T. -0.01 min
 Lab File: BN012833.D
 Acq: 02 Dec 2020 23:45

Instrument :
 BNA_N
 ClientSampleId :
 C0B91

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	16.3	24.5
277	25.0	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:44:28 PM



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

