

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013000.D
 Acq On : 09 Dec 2020 07:06
 Operator : CG/JU
 Sample : L4862-17
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B70

Manual Integrations
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mohammad
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Quant Time: Dec 09 09:10:48 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 : Wed Dec 09 07:33:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1135	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	4639	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2713	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5588m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4099	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	3594	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	3115	0.45	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	6079	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	443	0.033	ng/ul#	77
5) 2-Methylnaphthalene	11.82	142	242	0.027	ng/ul	99
7) Acenaphthylene	13.76	152	544	0.042	ng/ul#	77
12) Phenanthrene	16.84	178	5912	0.316	ng/ul	98
13) Anthracene	16.94	178	1007	0.063	ng/ul#	90
15) Fluoranthene	18.88	202	22702	1.020	ng/ul	98
17) Pyrene	19.25	202	21112	1.090	ng/ul	99
18) Benzo(a)anthracene	21.01	228	10736	0.633	ng/ul#	87
19) Chrysene	21.06	228	13106	0.699	ng/ul#	95
21) Benzo(b)fluoranthene	22.51	252	19296m	1.161	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	6487m	0.353	ng/ul	
23) Benzo(a)pyrene	23.04	252	11847	0.768	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.18	276	8711	0.430	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.18	278	2628	0.164	ng/ul#	70
26) Benzo(g,h,i)perylene	25.81	276	10724	0.585	ng/ul	96

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

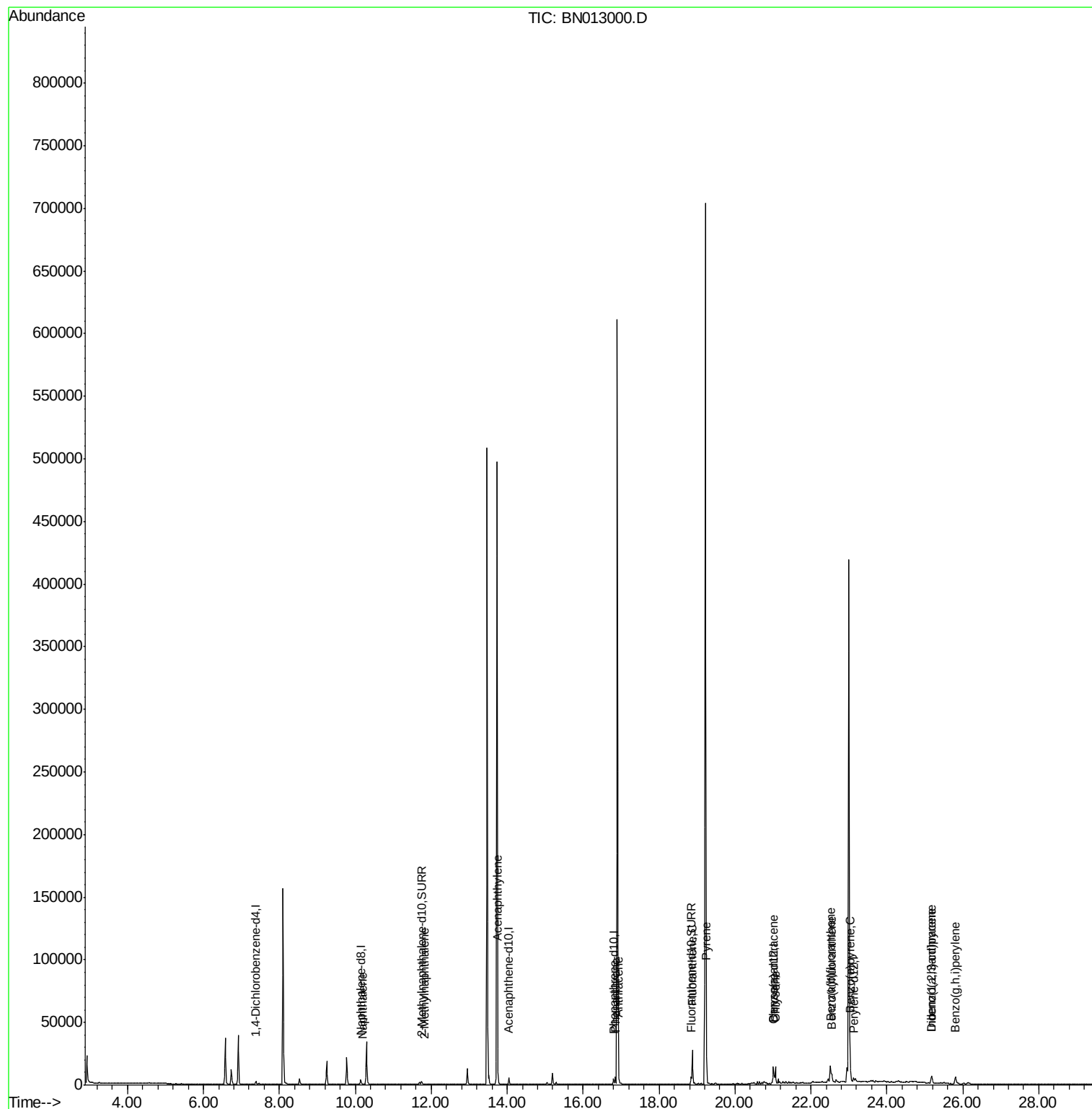
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013000.D
Acq On : 09 Dec 2020 07:06
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Sample : L4862-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

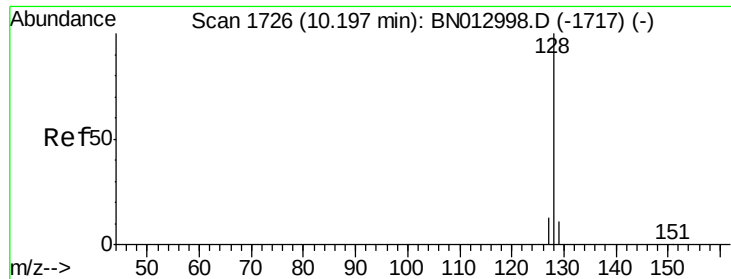
Instrument :
BNA_N
ClientSampleId :
C0B70

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Quant Time: Dec 09 09:10:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.19 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BN013000.D

Acq: 09 Dec 2020 07:06

Instrument :

BNA_N

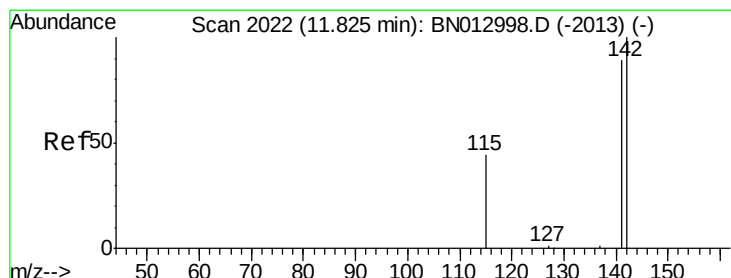
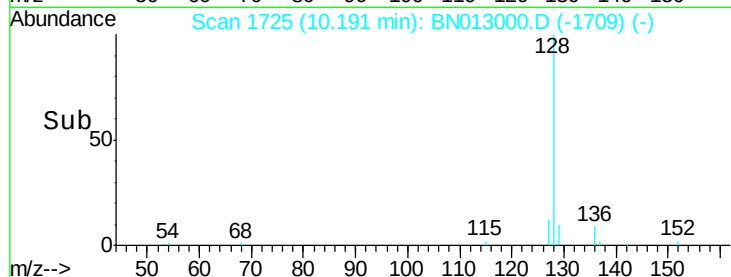
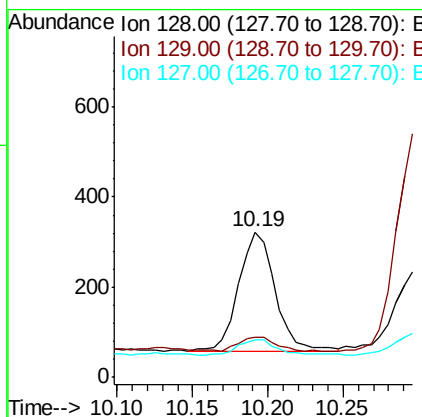
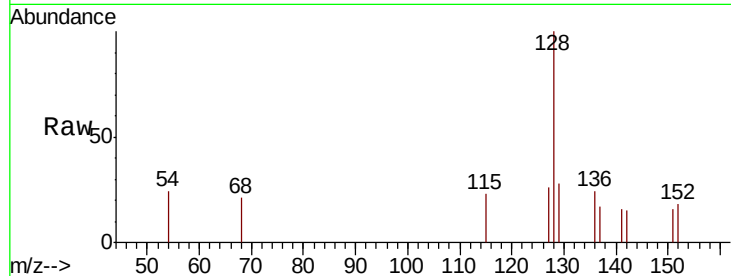
ClientSampleId :

C0B70

Tot Ion:	128	Resp:	443
Ion	Ratio	Lower	Upper
128	100		
129	27.6	12.3	18.5#
127	26.0	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

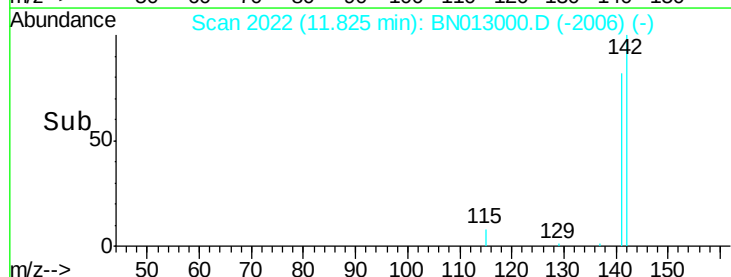
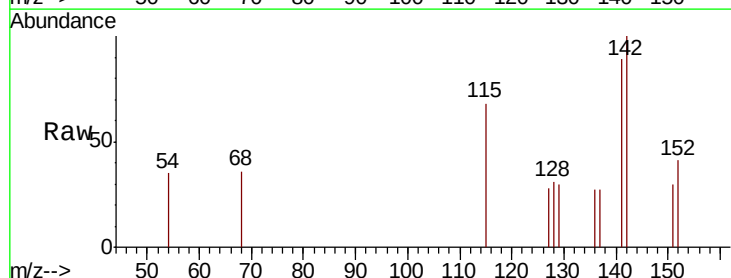
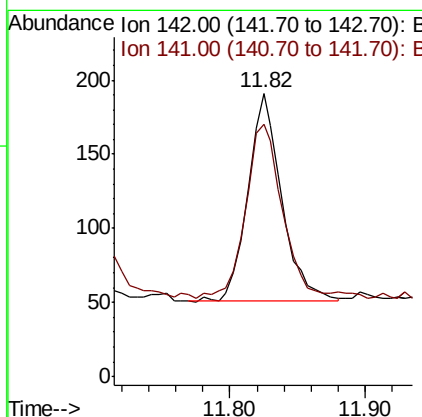
RT: 11.82 min Scan# 2022

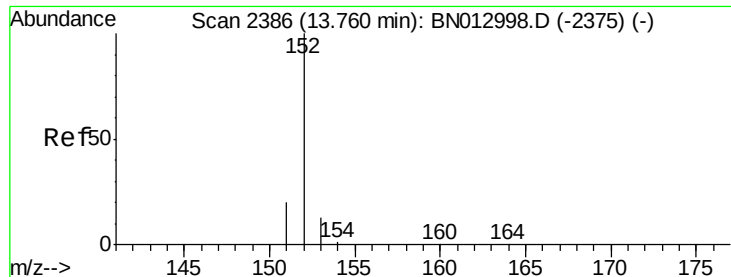
Delta R.T. -0.01 min

Lab File: BN013000.D

Acq: 09 Dec 2020 07:06

Tgt Ion:	142	Resp:	242
Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.6





#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013000.D

Acq: 09 Dec 2020 07:06

Instrument :

BNA_N

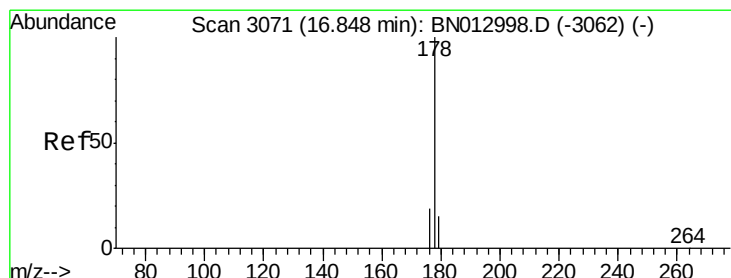
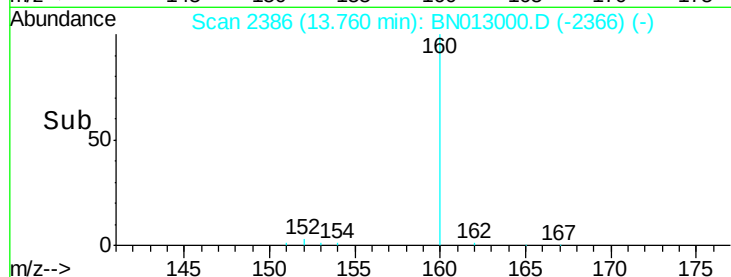
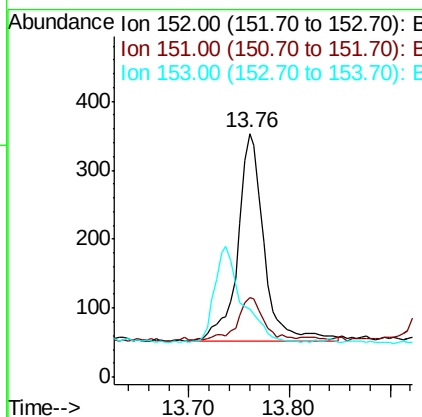
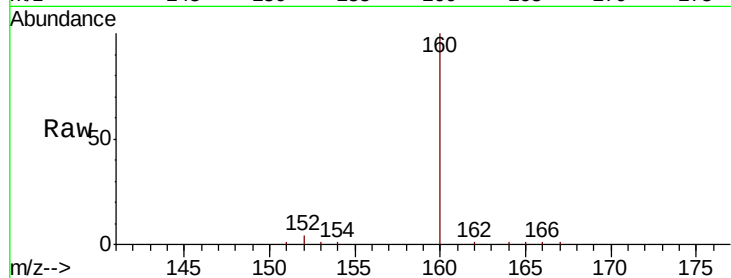
ClientSampleId :

C0B70

Tot Ion:	152	Resp:	544
Ion Ratio	Lower	Upper	
152	100		
151	32.6	18.2	27.4#
153	28.0	13.1	19.7#

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#12

Phenanthrene

Concen: 0.316 ng/ul

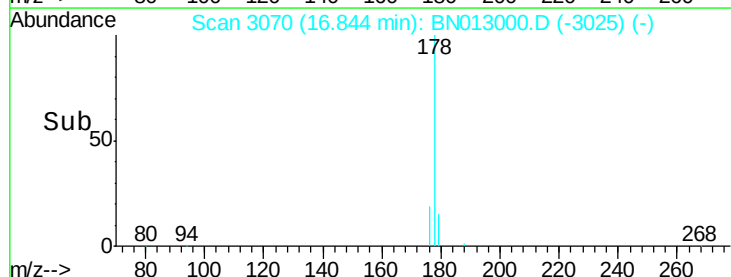
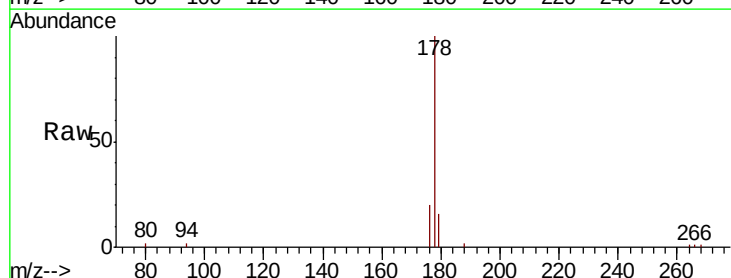
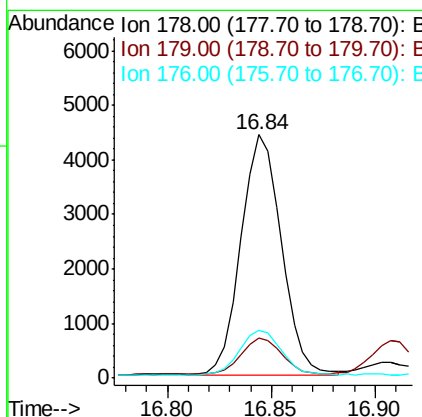
RT: 16.84 min Scan# 3070

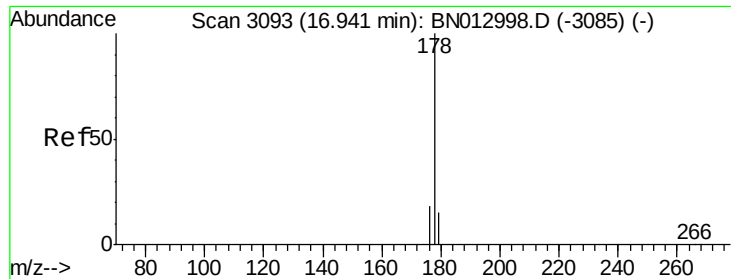
Delta R.T. -0.01 min

Lab File: BN013000.D

Acq: 09 Dec 2020 07:06

Tgt Ion:	178	Resp:	5912
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.6	20.4
176	19.6	16.4	24.6





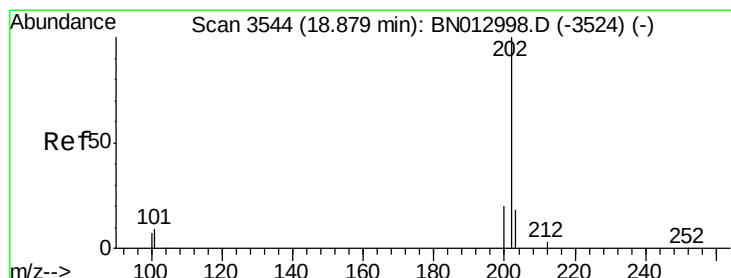
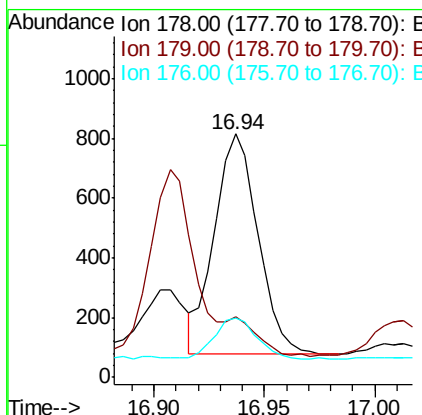
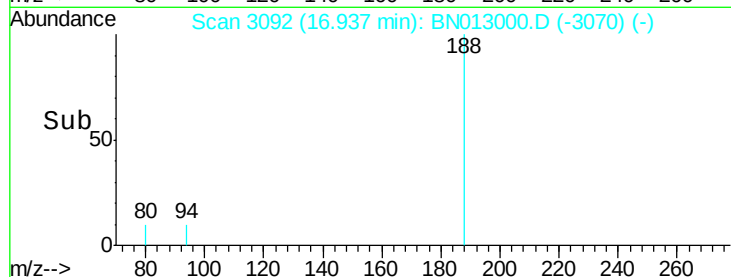
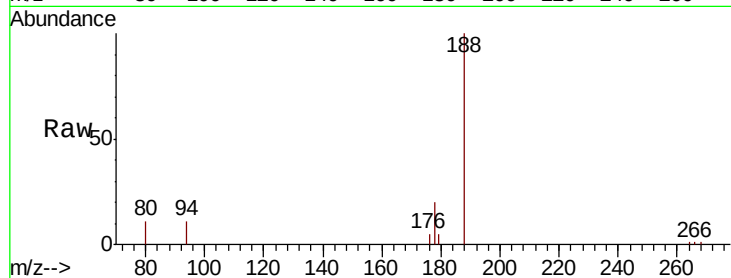
#13
 Anthracene
 Concen: 0.063 ng/ul
 RT: 16.94 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BN013000.D
 Acq: 09 Dec 2020 07:06

Instrument :
 BNA_N
 ClientSampled :
 C0B70

Tot Ion	Ratio	Lower	Upper
178	100		
179	25.0	14.6	21.8#
176	24.2	17.1	25.7

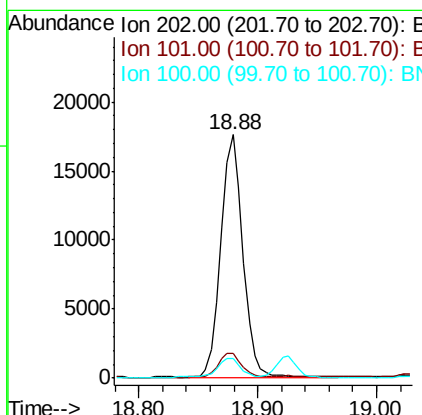
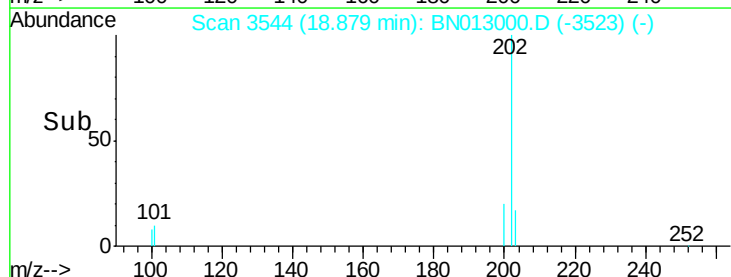
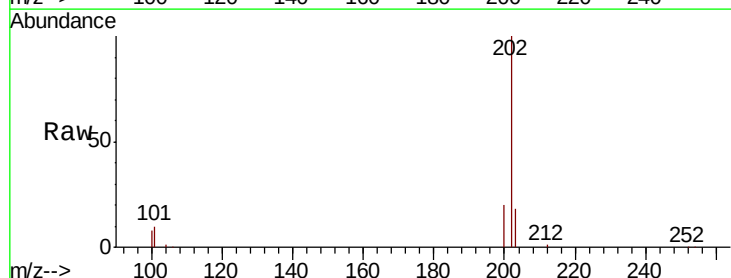
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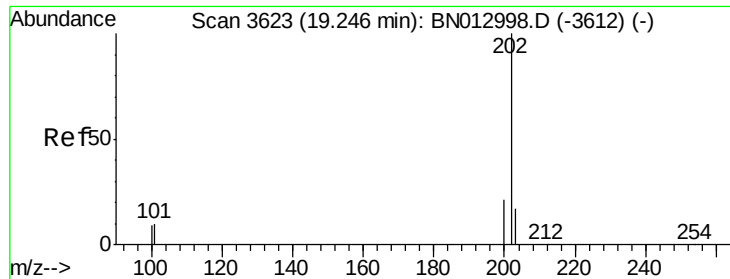
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#15
 Fluoranthene
 Concen: 1.020 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: BN013000.D
 Acq: 09 Dec 2020 07:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.6
100	7.9	0.0	28.7





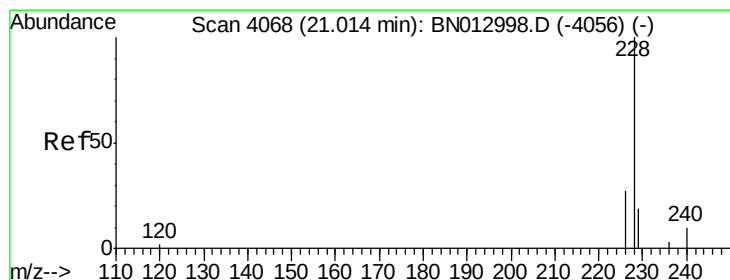
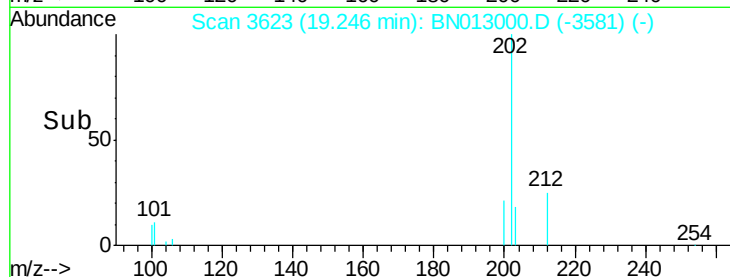
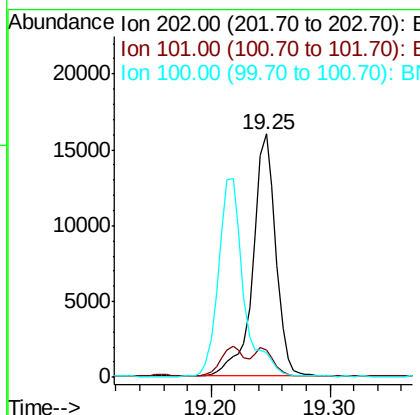
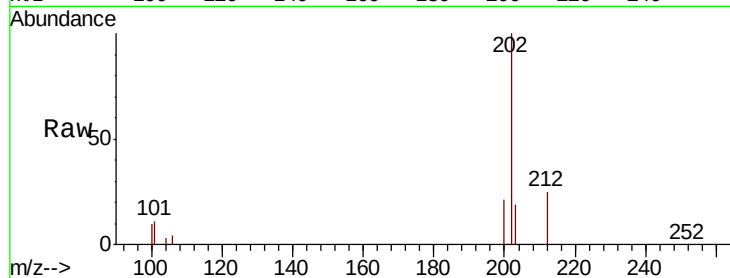
#17
Pvrene
Concen: 1.090 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013000.D
Acq: 09 Dec 2020 07:06

Instrument :
BNA_N
ClientSampleId :
C0B70

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	10.1	7.5	11.3

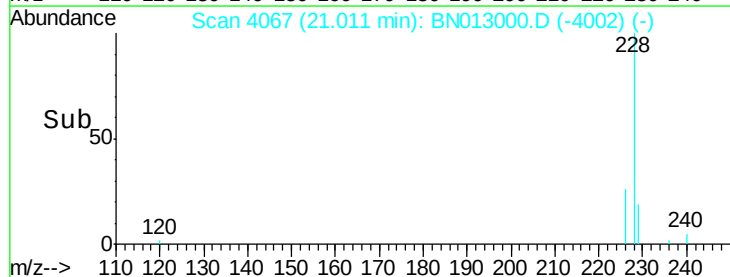
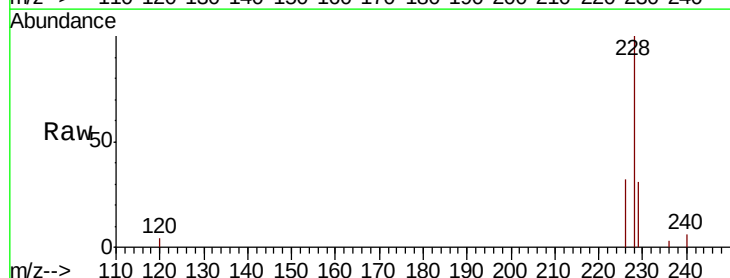
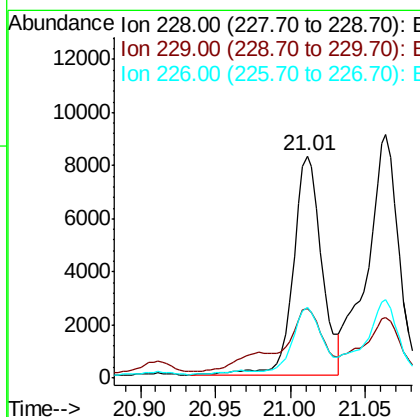
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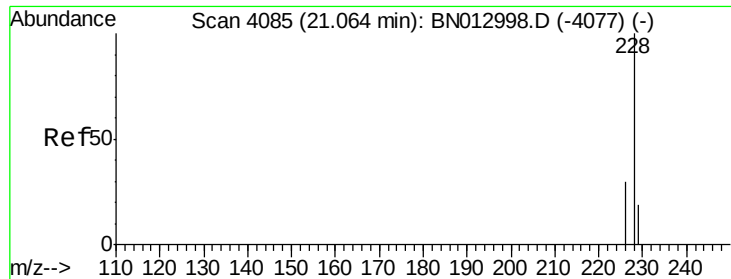
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#18
Benzo(a)anthracene
Concen: 0.633 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN013000.D
Acq: 09 Dec 2020 07:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	31.4	16.3	24.5#
226	31.8	23.4	35.2





#19

Chrysene

Concen: 0.699 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.01 min

Lab File: BN013000.D

Acq: 09 Dec 2020 07:06

Instrument :

BNA_N

ClientSampleId :

C0B70

Tot Ion:228 Resp: 13106

Ion Ratio Lower Upper

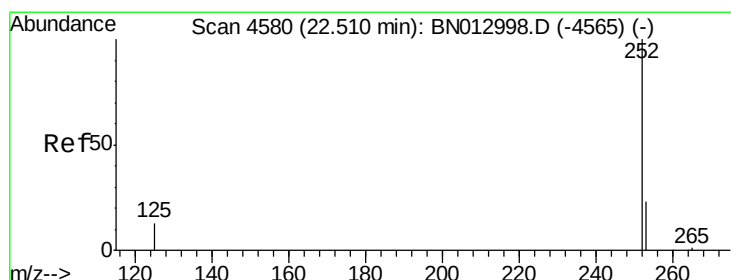
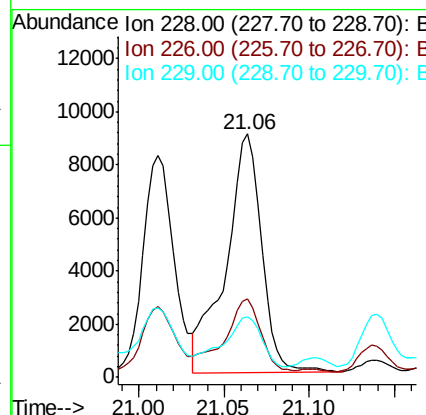
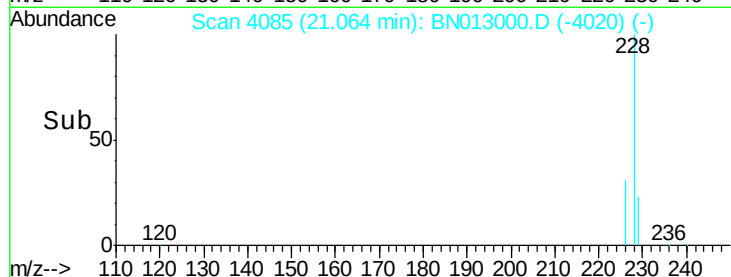
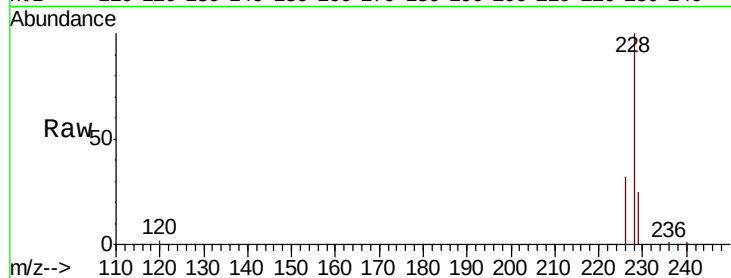
228 100

226 32.3 25.0 37.6

229 24.7 16.4 24.6#

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 1.161 ng/ul m

RT: 22.51 min Scan# 4580

Delta R.T. -0.01 min

Lab File: BN013000.D

Acq: 09 Dec 2020 07:06

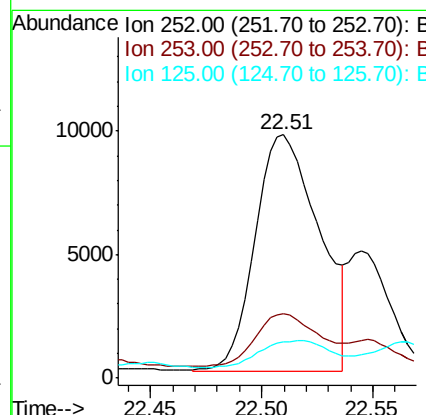
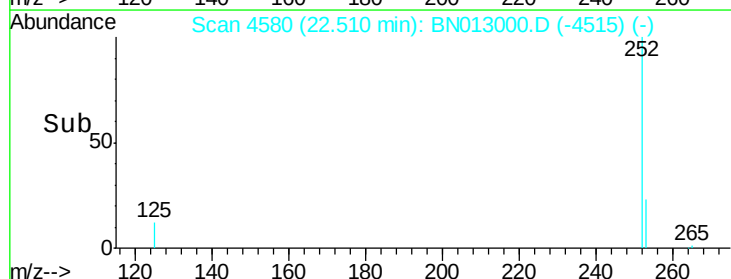
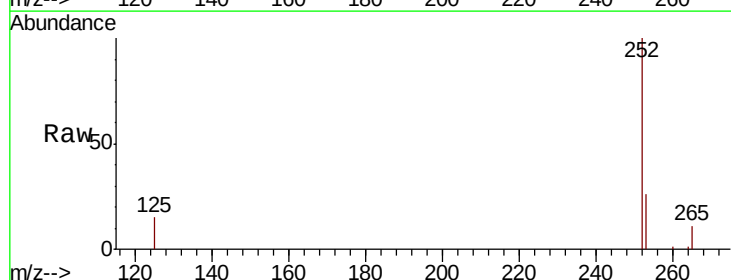
Tgt Ion:252 Resp: 19296

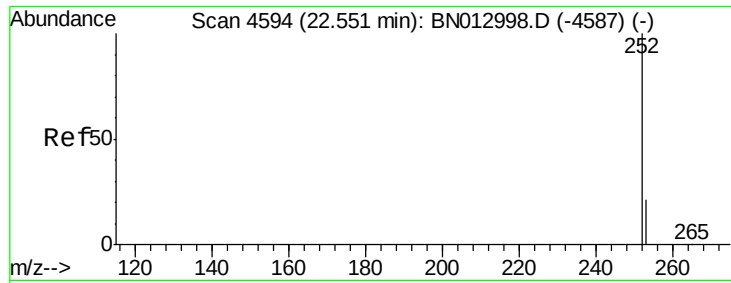
Ion Ratio Lower Upper

252 100

253 26.4 0.0 59.6

125 14.8 0.0 26.0





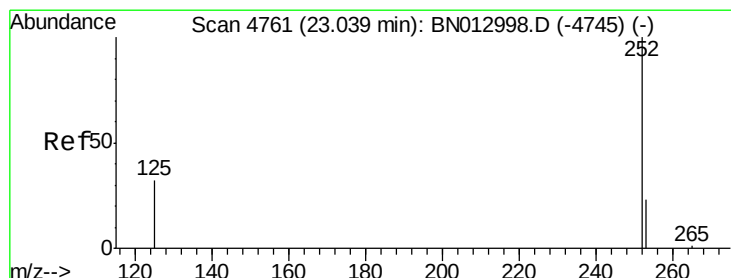
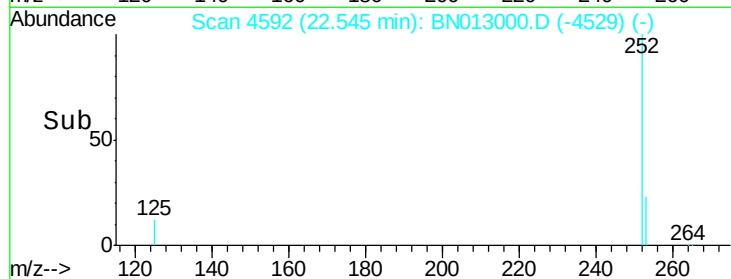
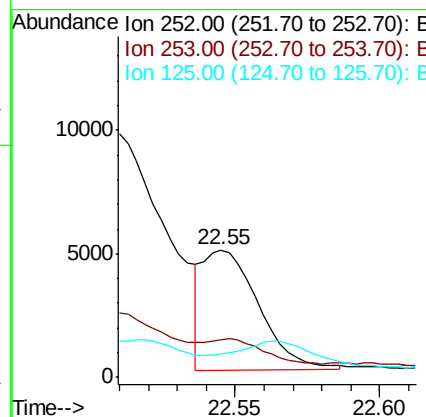
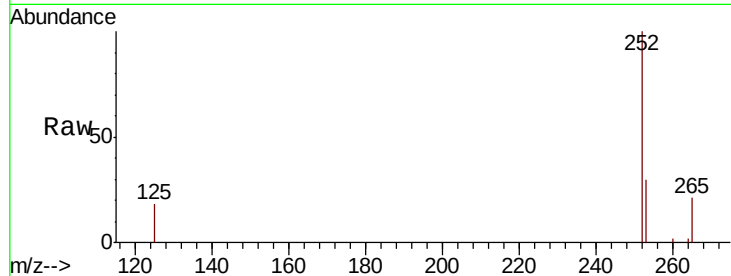
#22
Benzo(k)fluoranthene
Concen: 0.353 ng/ul m
RT: 22.55 min Scan# 4592
Delta R.T. -0.01 min
Lab File: BN013000.D
Acq: 09 Dec 2020 07:06

Instrument :
BNA_N
ClientSampleId :
C0B70

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	23.4	35.2
125	18.4	11.1	16.7

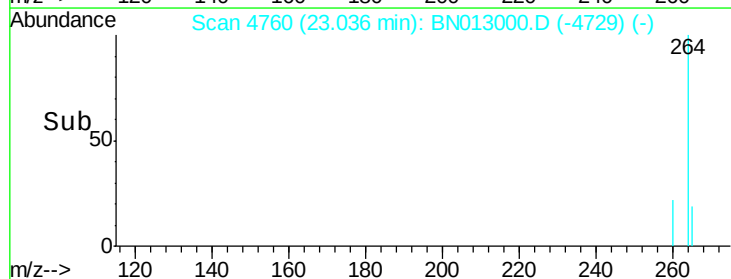
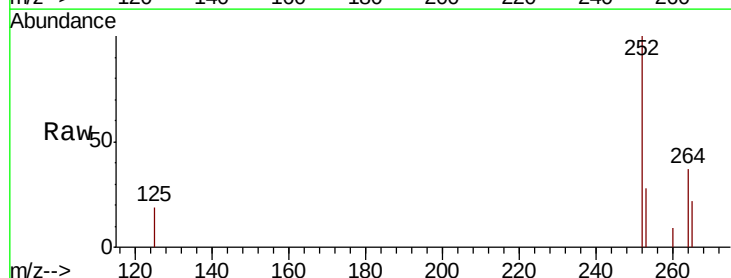
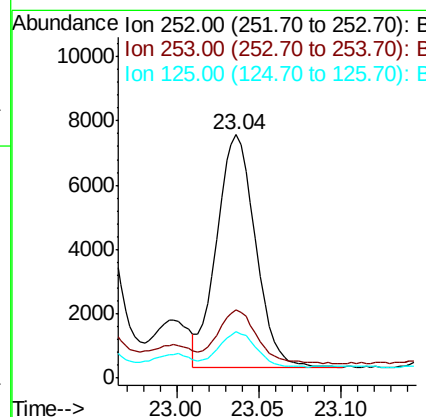
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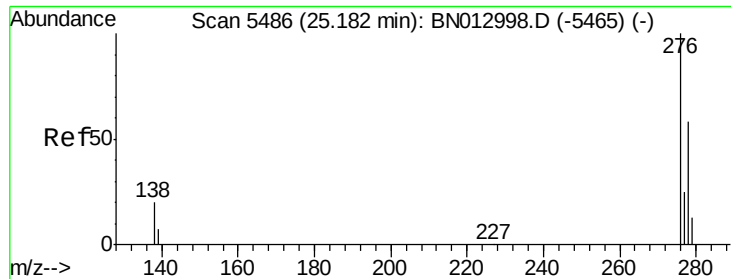
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#23
Benzo(a)pyrene
Concen: 0.768 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. -0.01 min
Lab File: BN013000.D
Acq: 09 Dec 2020 07:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	26.5	39.7
125	18.9	14.2	21.2





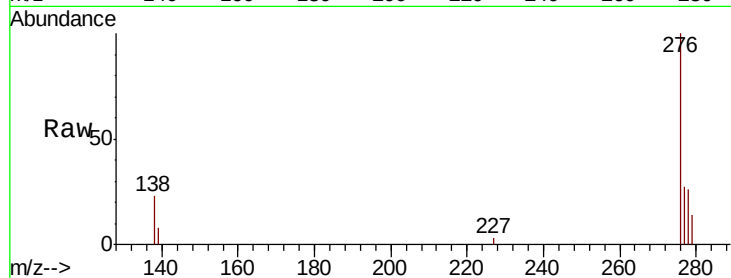
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.430 ng/ul
 RT: 25.18 min Scan# 5485
 Delta R.T. -0.01 min
 Lab File: BN013000.D
 Acq: 09 Dec 2020 07:06

Instrument :
 BNA_N
 ClientSampleId :
 C0B70

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.2	24.2
227	0.1	0.0	0.0

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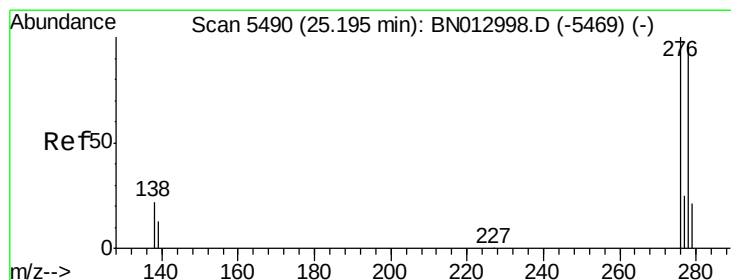
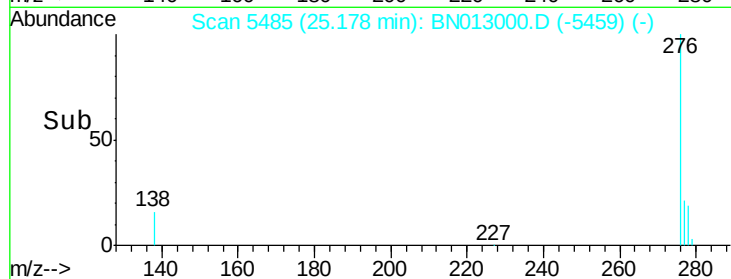
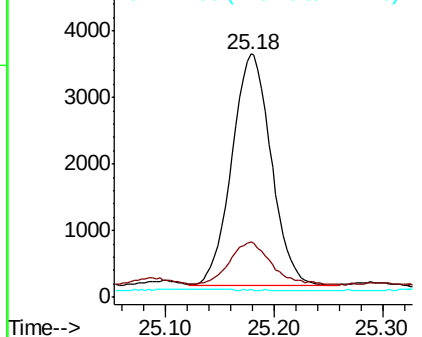


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.164 ng/ul
 RT: 25.18 min Scan# 5486
 Delta R.T. -0.03 min
 Lab File: BN013000.D
 Acq: 09 Dec 2020 07:06

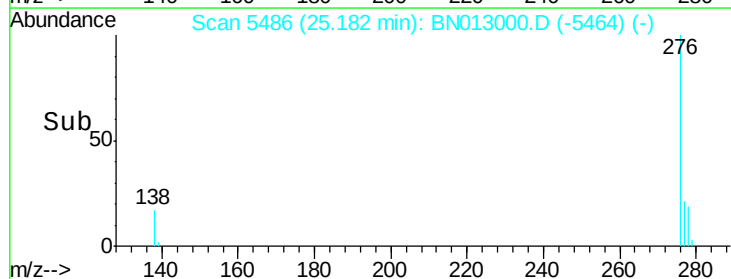
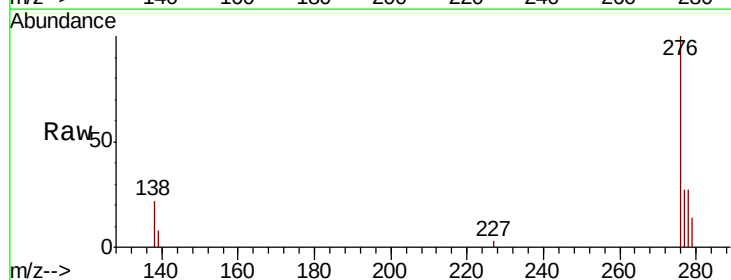
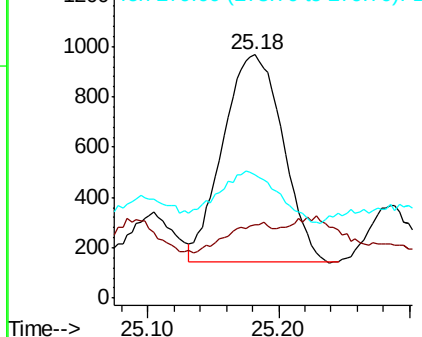
Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.4	14.5	21.7
279	50.7	26.3	39.5

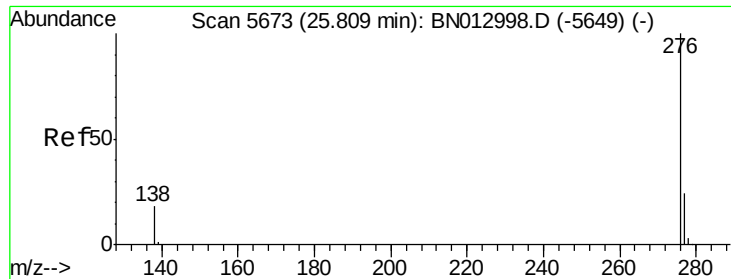
Abundance

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





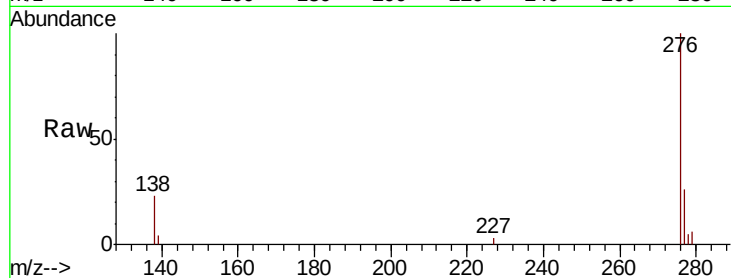
#26
 Benzo(a,h,i)perylene
 Concen: 0.585 ng/ul
 RT: 25.81 min Scan# 5672
 Delta R.T. -0.02 min
 Lab File: BN013000.D
 Acq: 09 Dec 2020 07:06

Instrument :
 BNA_N
 ClientSampleId :
 C0B70

Tot Ion:	276	Resp:	10724
Ion Ratio	Lower	Upper	
276	100		
138	23.1	16.3	24.5
277	26.1	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:25:57 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

