

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012981.D
 Acq On : 08 Dec 2020 18:28
 Operator : CG/JU
 Sample : L4862-01DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 C0AY8DL

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Quant Time: Dec 09 00:32:00 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 00:11:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1290	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5184	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2823	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5830	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4022	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3694	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.76	152	404	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	790	0.05	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.20	128	482	0.032	ng/ul#	77
8) Acenaphthene	14.11	153	1179	0.108	ng/ul	99
9) Fluorene	15.11	166	628	0.050	ng/ul#	96
12) Phenanthrene	16.85	178	12454	0.637	ng/ul	98
13) Anthracene	16.94	178	2131	0.128	ng/ul	98
15) Fluoranthene	18.88	202	20600	0.887	ng/ul	99
17) Pyrene	19.25	202	18740	0.986	ng/ul	100
18) Benzo(a)anthracene	21.02	228	7920	0.476	ng/ul	98
19) Chrysene	21.07	228	9131	0.497	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	12170m	0.712	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	4082m	0.216	ng/ul	
23) Benzo(a)pyrene	23.04	252	7958	0.502	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.18	276	5674	0.272	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	1273	0.077	ng/ul#	69
26) Benzo(a,h,i)perylene	25.81	276	6036	0.320	ng/ul	99

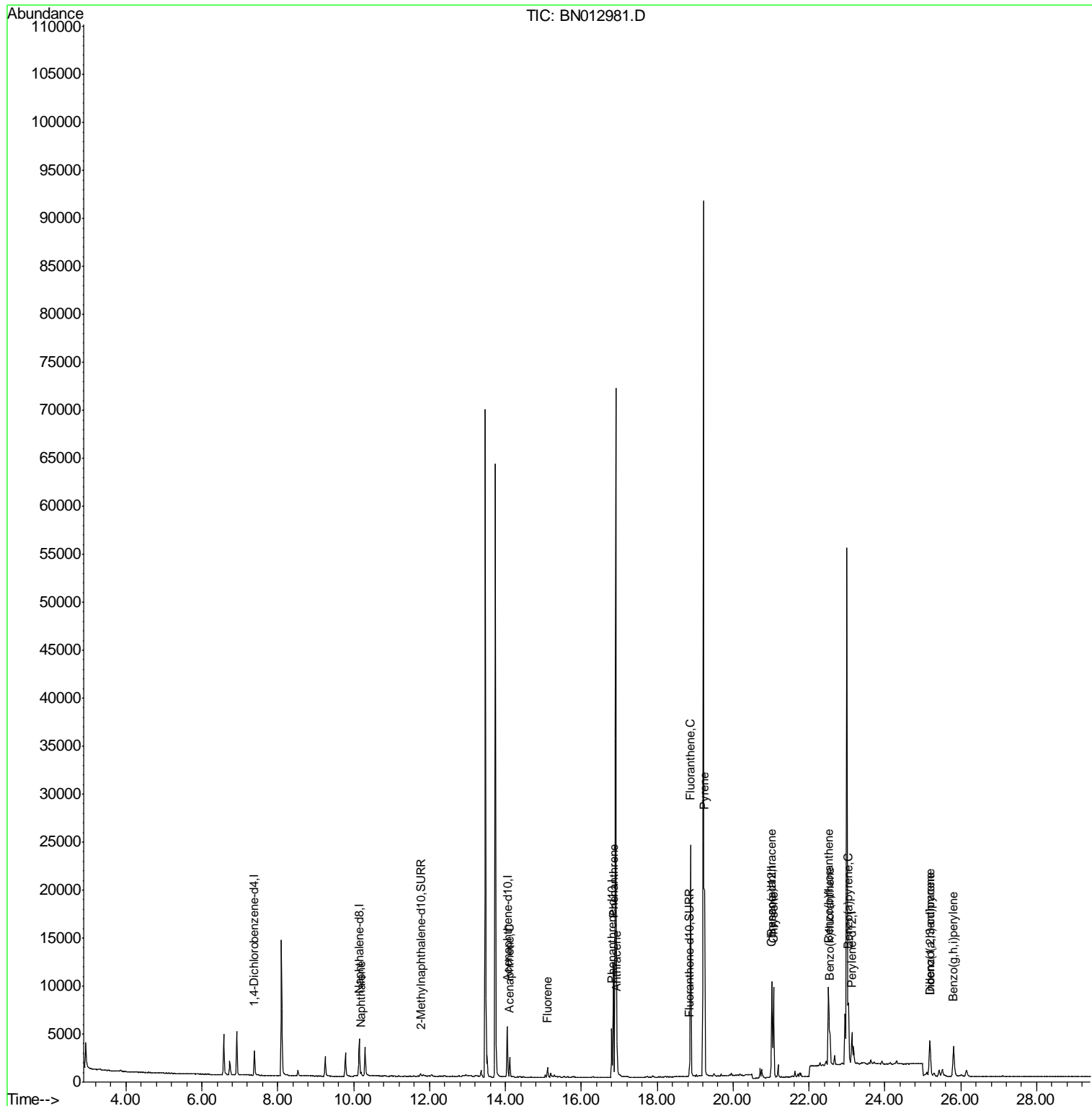
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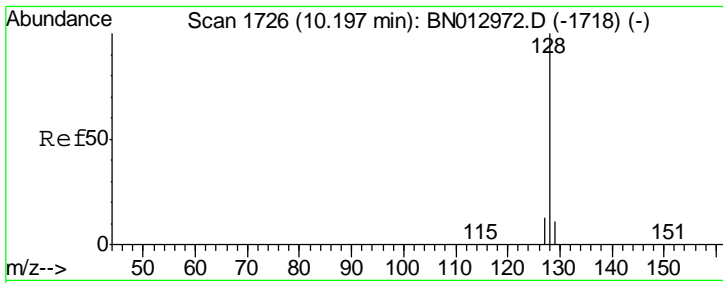
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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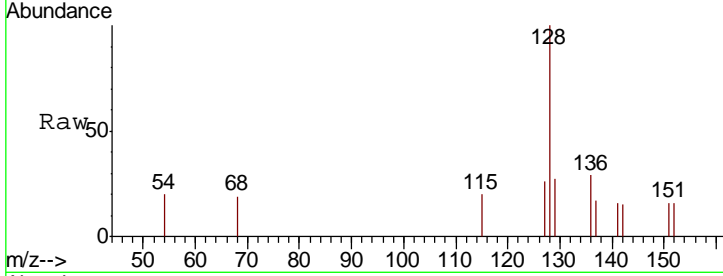
Quant Time: Dec 09 00:32:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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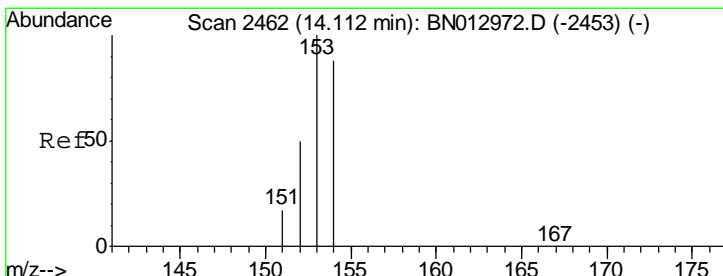
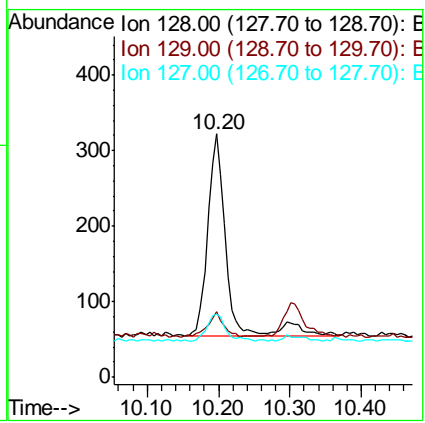
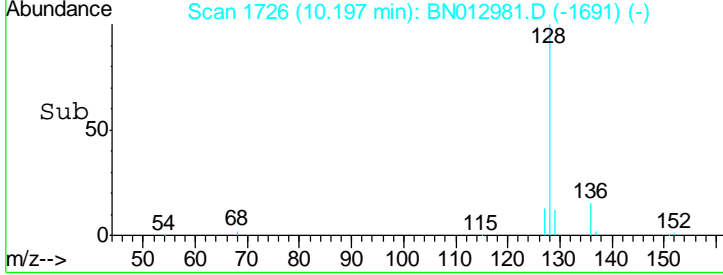
#3
 Naphthalene
 Concen: 0.032 ng/ul
 RT: 10.20 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

Instrument :
 BNA_N
ClientSampled :
 C0AY8DL

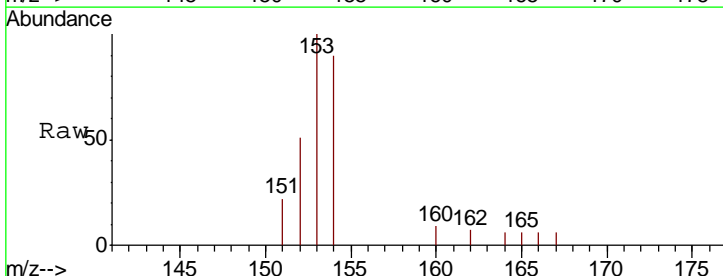


Tgt Ion	Resp	Lower	Upper
128	100		
129	27.0	12.3	18.5#
127	25.8	14.2	21.4#

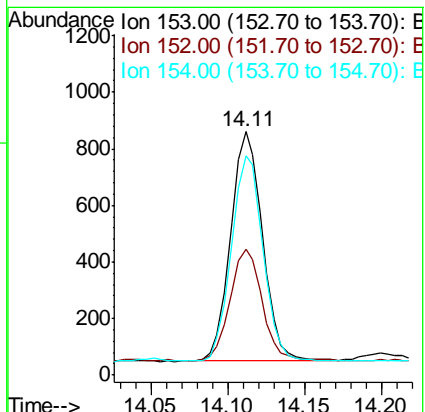
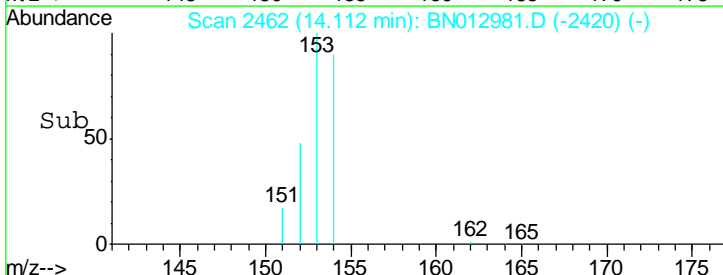
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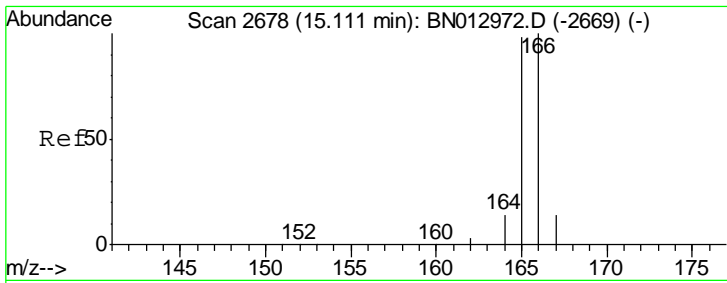


#8
 Acenaphthene
 Concen: 0.108 ng/ul
 RT: 14.11 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28



Tgt Ion	Resp	Lower	Upper
153	100		
152	51.5	40.7	61.1
154	90.1	70.8	106.2





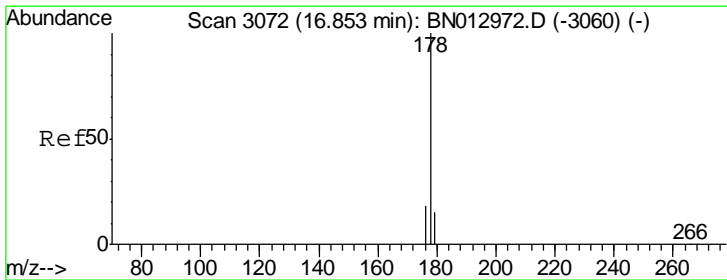
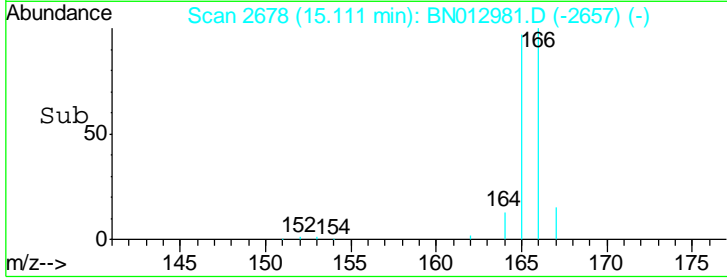
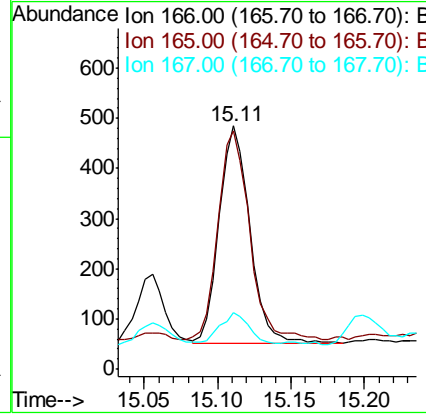
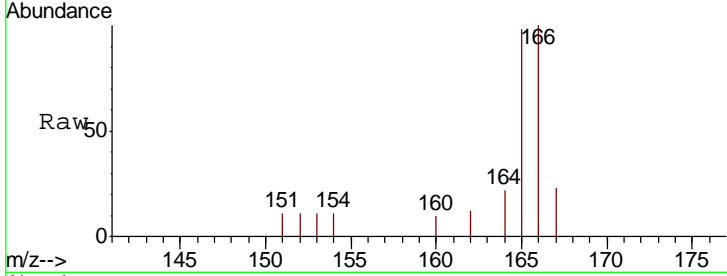
#9
 Fluorene
 Concen: 0.050 ng/ul
 RT: 15.11 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

Instrument :
 BNA_N
ClientSampled :
 C0AY8DL

Tgt Ion	Resp	Lower	Upper
166	628		
165	97.9	79.8	119.8
167	23.1	13.8	20.8

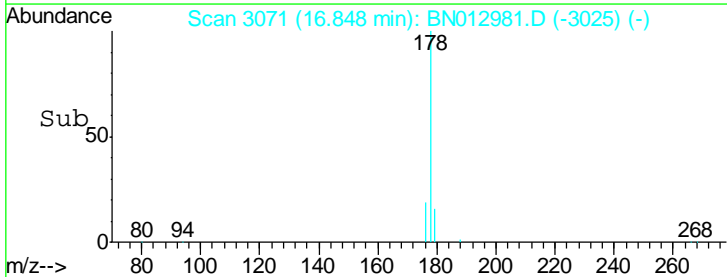
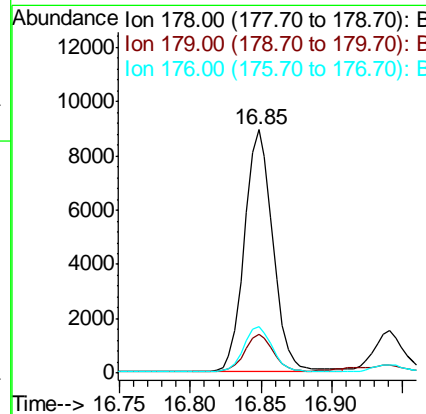
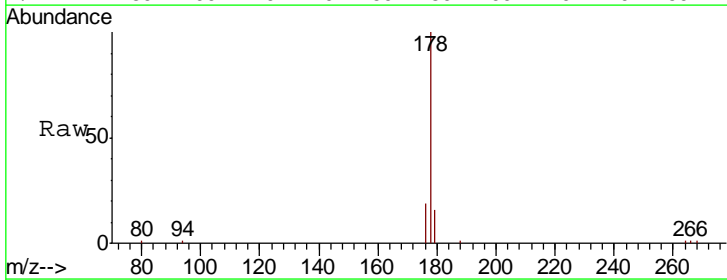
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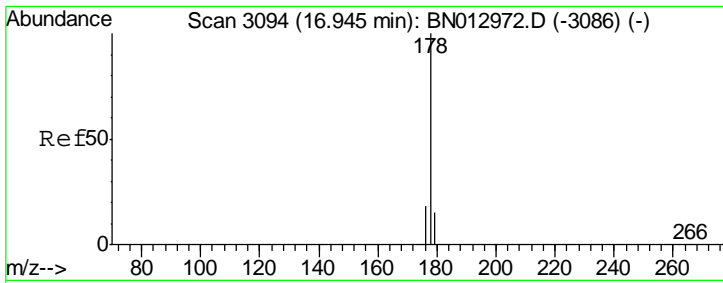
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#12
 Phenanthrene
 Concen: 0.637 ng/ul
 RT: 16.85 min Scan# 3071
 Delta R.T. -0.00 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

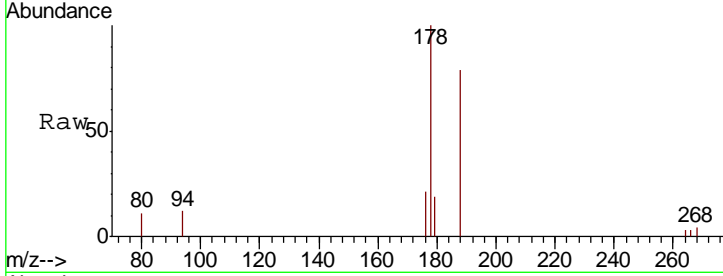
Tgt Ion	Resp	Lower	Upper
178	12454		
179	16.1	13.6	20.4
176	19.4	16.4	24.6





#13
 Anthracene
 Concen: 0.128 ng/ul
 RT: 16.94 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

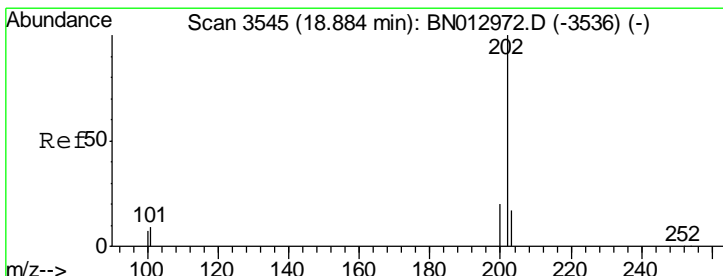
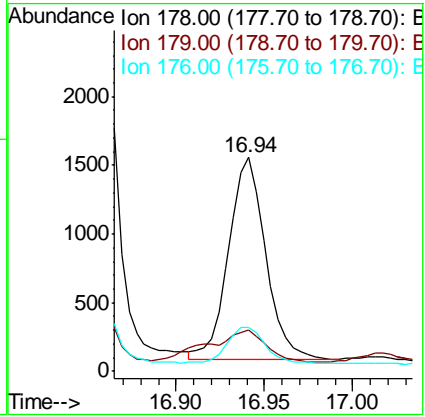
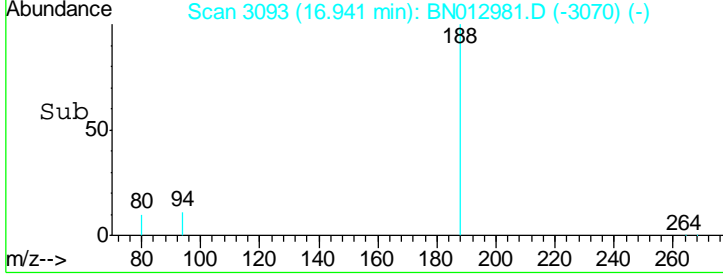
Instrument :
 BNA_N
Client Sampled :
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Tgt Ion: 178 Resp: 2131

Ion	Ratio	Lower	Upper
178	100		
179	19.5	14.6	21.8
176	20.5	17.1	25.7

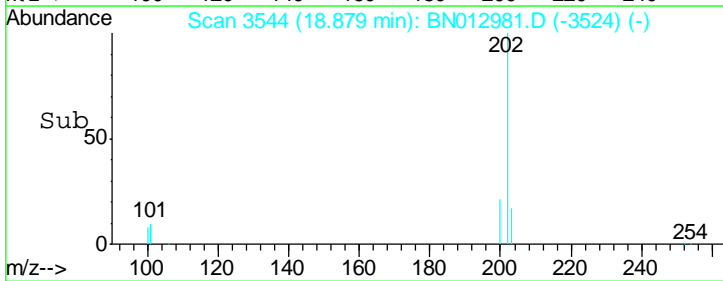
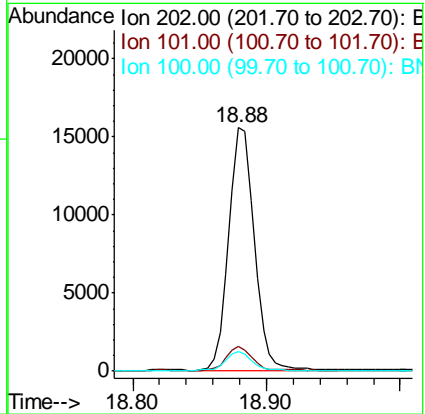
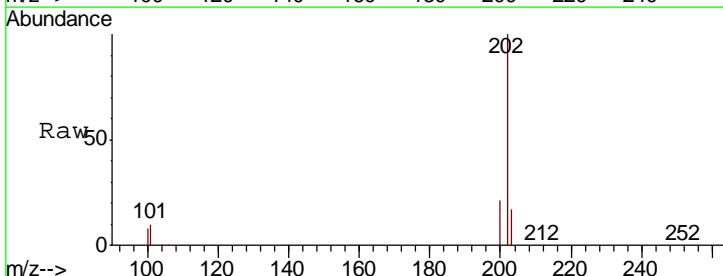
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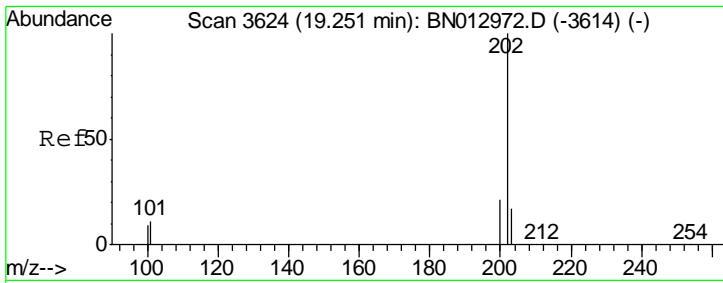


#15
 Fluoranthene
 Concen: 0.887 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

Tgt Ion: 202 Resp: 20600

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.6
100	8.0	0.0	28.7





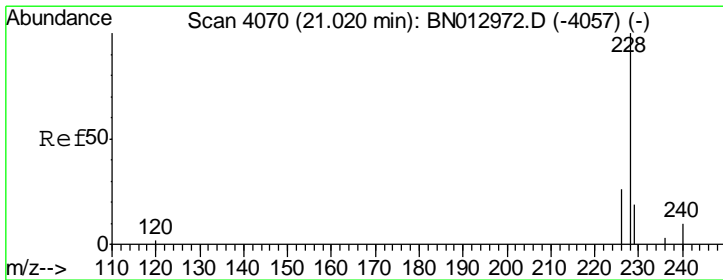
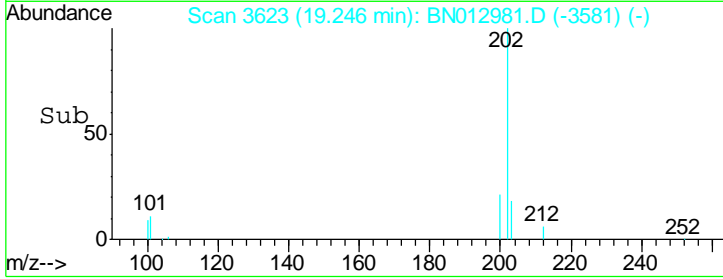
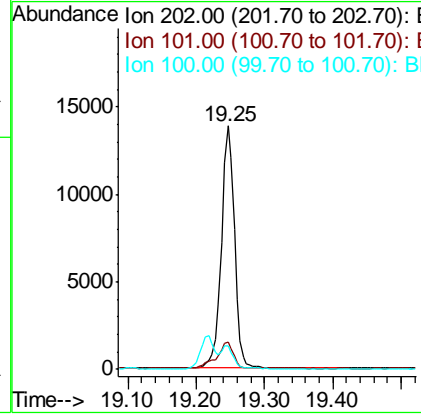
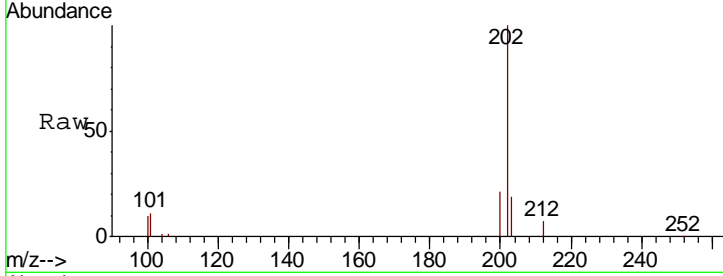
#17
 Pyrene
 Concen: 0.986 ng/ul
 RT: 19.25 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

Instrument :
 BNA_N
 ClientSampled :
 C0AY8DL

Tgt Ion	Resp	Lower	Upper
202	18740		
101	11.3	9.1	13.7
100	9.6	7.5	11.3

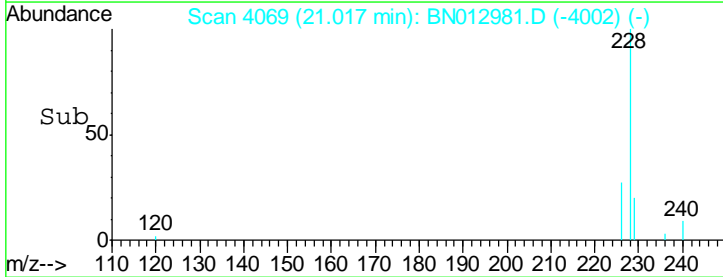
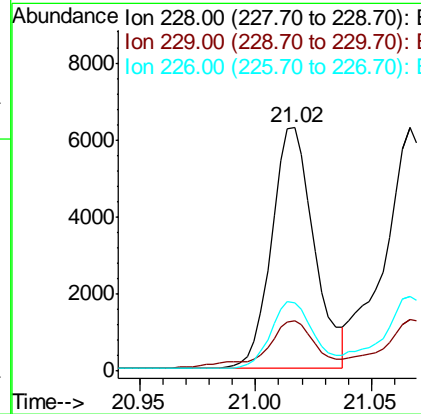
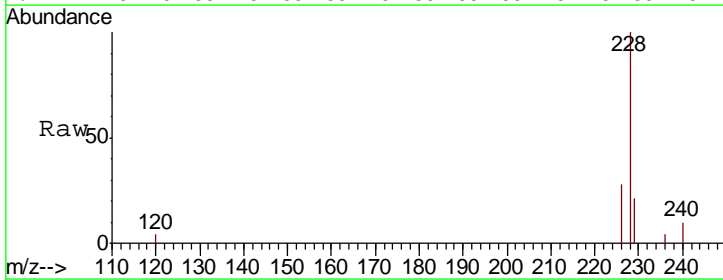
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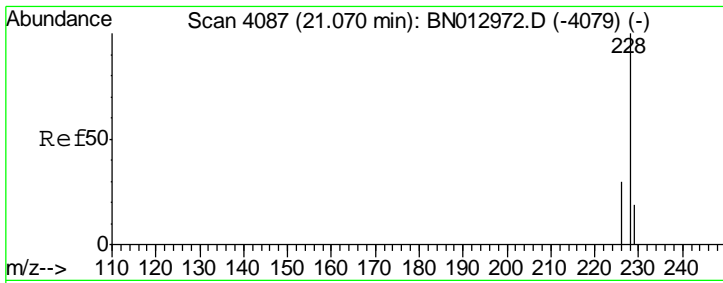
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#18
 Benzo(a)anthracene
 Concen: 0.476 ng/ul
 RT: 21.02 min Scan# 4069
 Delta R.T. -0.00 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

Tgt Ion	Resp	Lower	Upper
228	7920		
229	20.8	16.3	24.5
226	28.1	23.4	35.2



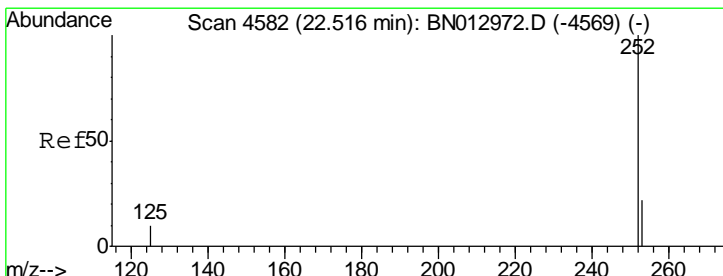
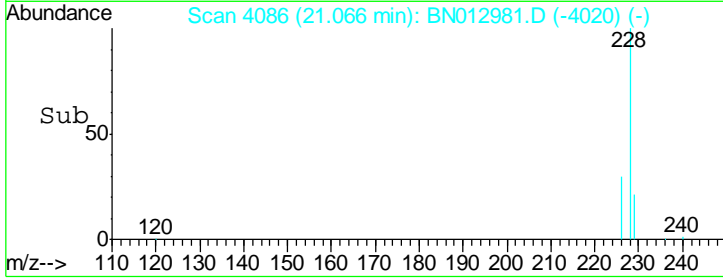
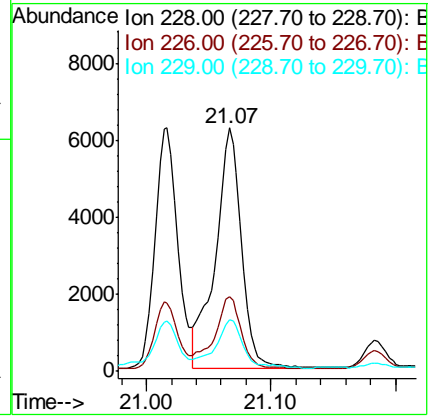
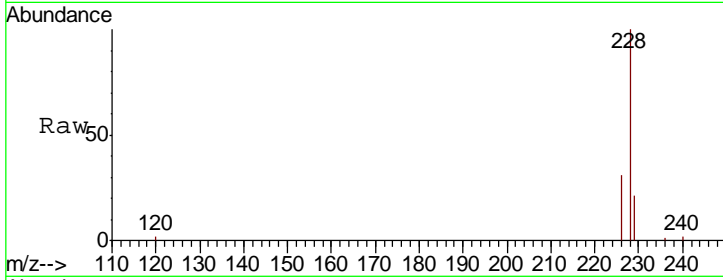


#19
 Chrysene
 Concen: 0.497 ng/ul
 RT: 21.07 min Scan# 4086
 Delta R.T. -0.01 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

Instrument :
 BNA_N
 ClientSampled :
 C0AY8DL

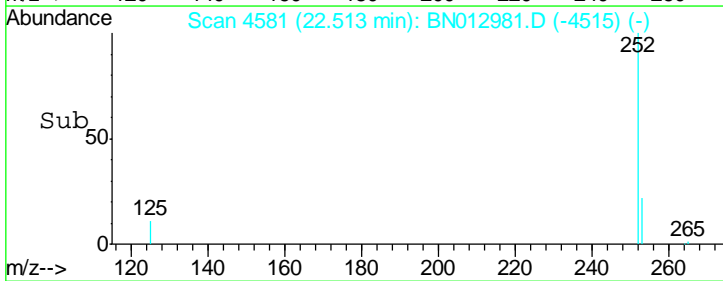
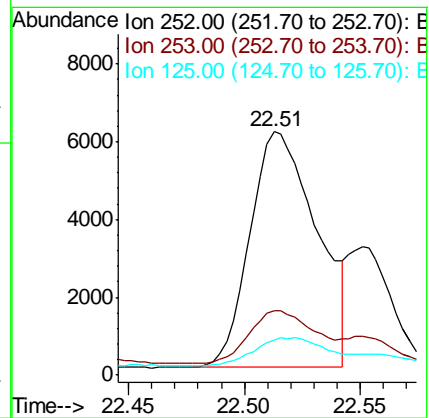
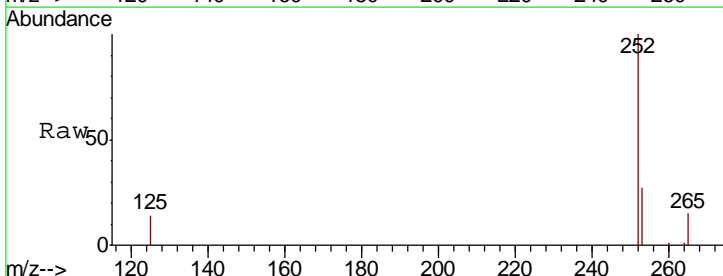
Tgt Ion	Resp	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	21.4	16.4	24.6

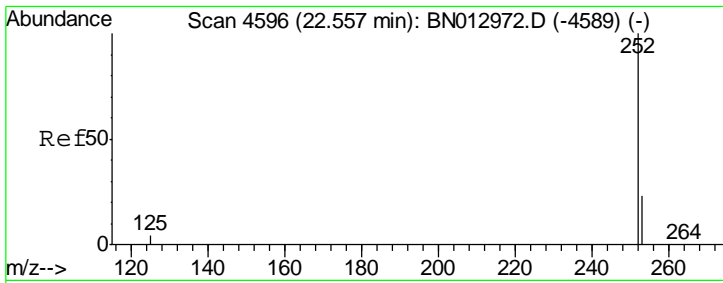
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#21
 Benzo(b)fluoranthene
 Concen: 0.712 ng/ul m
 RT: 22.51 min Scan# 4581
 Delta R.T. -0.01 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

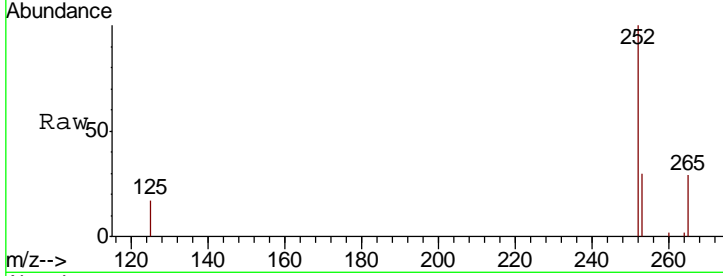
Tgt Ion	Resp	Lower	Upper
252	100		
253	26.6	0.0	59.6
125	14.3	0.0	26.0





#22
 Benzo(k)fluoranthene
 Concen: 0.216 ng/ul m
 RT: 22.55 min Scan# 4594
 Delta R.T. -0.01 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

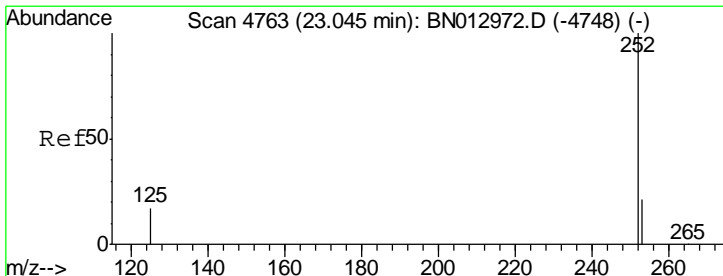
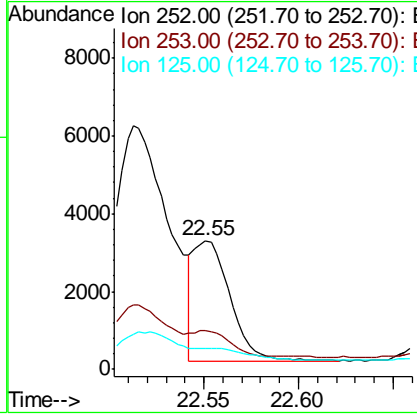
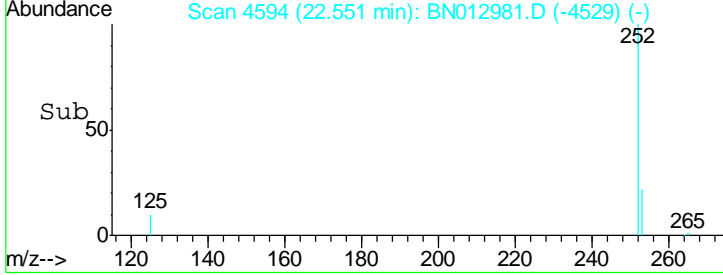
Instrument :
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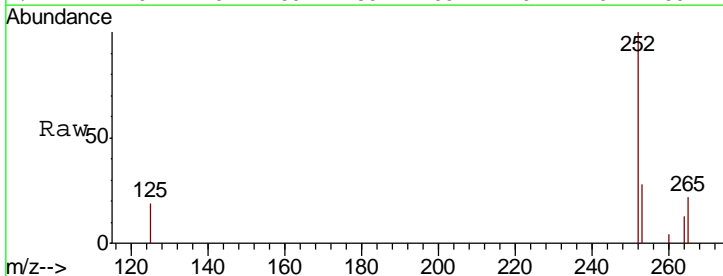
Tgt Ion: 252 Resp: 4082

Ion	Ratio	Lower	Upper
252	100		
253	29.9	23.4	35.2
125	16.6	11.1	16.7

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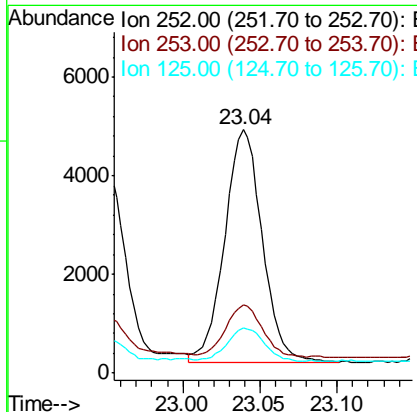
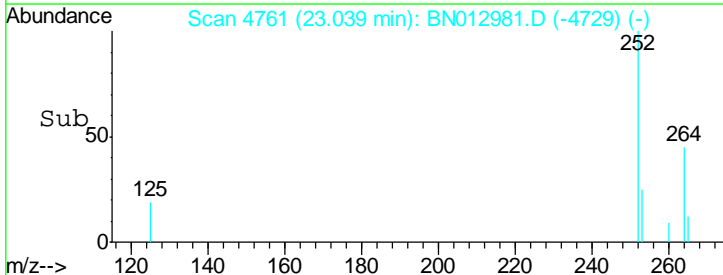


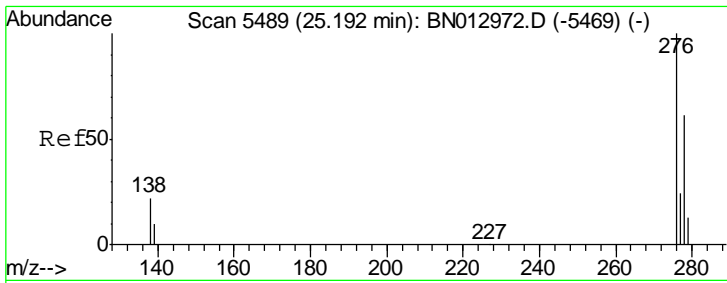
#23
 Benzo(a)pyrene
 Concen: 0.502 ng/ul
 RT: 23.04 min Scan# 4761
 Delta R.T. -0.01 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28



Tgt Ion: 252 Resp: 7958

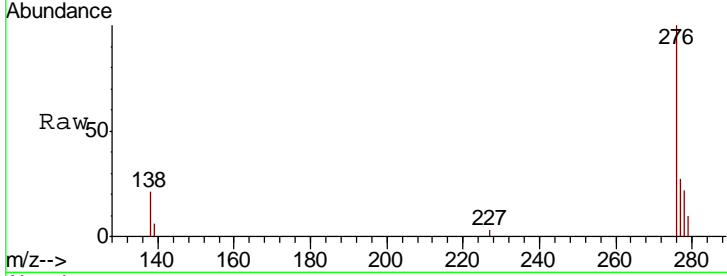
Ion	Ratio	Lower	Upper
252	100		
253	27.8	26.5	39.7
125	18.7	14.2	21.2





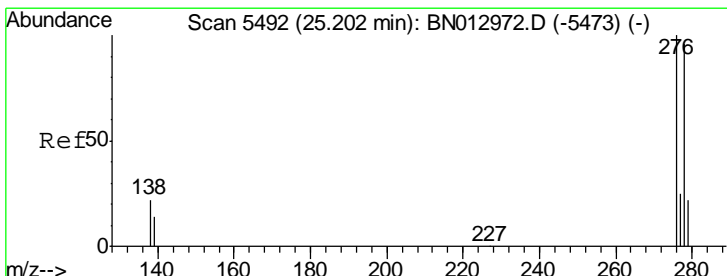
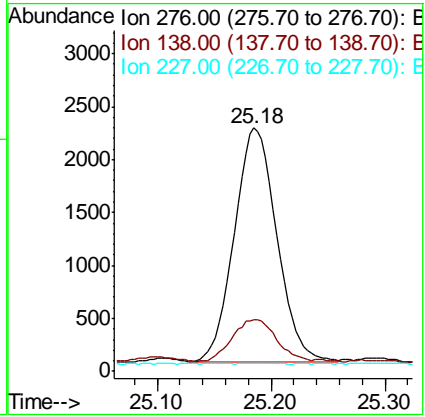
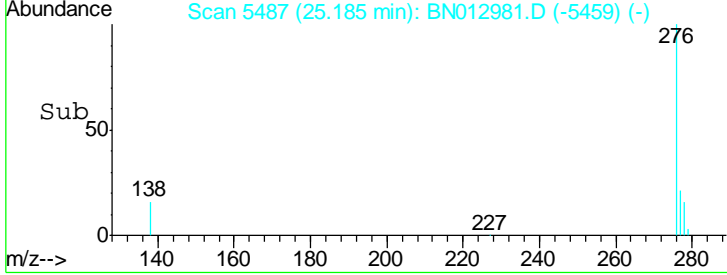
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.272 ng/ul
 RT: 25.18 min Scan# 5487
 Delta R.T. -0.01 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

Instrument :
 BNA_N
ClientSampled :
 C0AY8DL

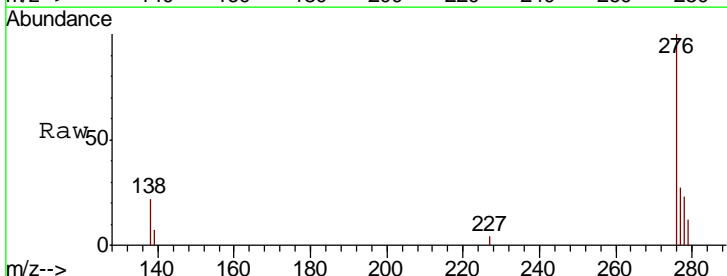


Tgt Ion	Resp	Lower	Upper
276	5674		
276	100		
138	19.0	16.2	24.2
227	0.3	0.0	0.0#

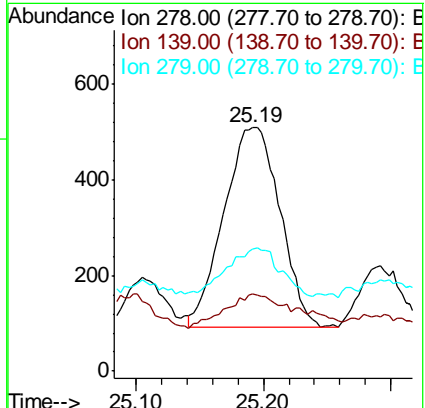
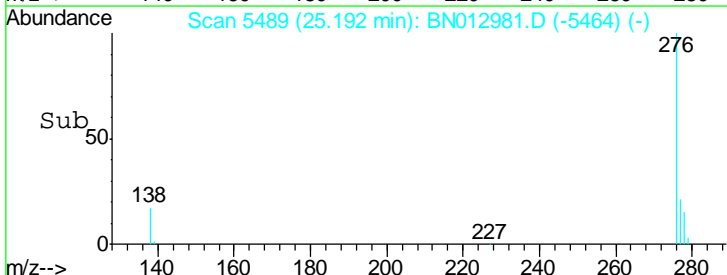
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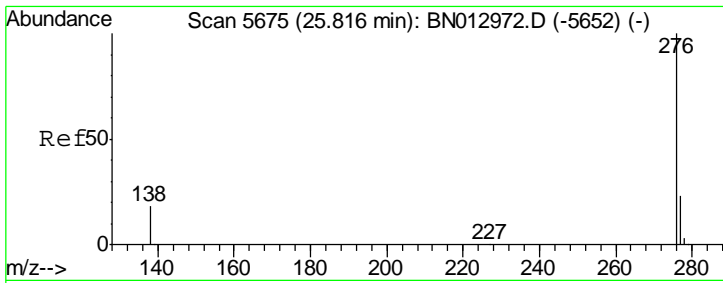


#25
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/ul
 RT: 25.19 min Scan# 5489
 Delta R.T. -0.02 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28



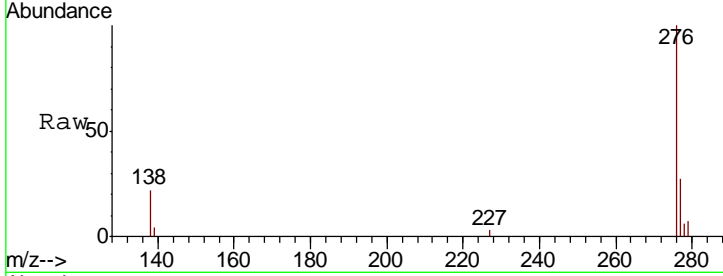
Tgt Ion	Resp	Lower	Upper
278	1273		
278	100		
139	31.6	14.5	21.7#
279	50.3	26.3	39.5#





#26
 Benzo(a,h,i)perylene
 Concen: 0.320 ng/ul
 RT: 25.81 min Scan# 5674
 Delta R.T. -0.01 min
 Lab File: BN012981.D
 Acq: 08 Dec 2020 18:28

Instrument :
 BNA_N
ClientSampled :
 C0AY8DL



Tot Ion: 276 Resp: 6036

Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.3	24.5
277	27.2	21.8	32.6

Manual Integrations
APPROVED
 mohammad
 12/9/2020 12:25:05 PM

