

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012929.D
 Acq On : 06 Dec 2020 22:06
 Operator : CG/JU
 Sample : L4864-21
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B64

Manual Integrations
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Quant Time: Dec 07 04:08:52 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 : Mon Dec 07 03:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1248	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5176	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	2928	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	6681	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	5722	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	5476	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	987	0.13	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	2361	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	313	0.021	ng/ul#	67
7) Acenaphthylene	13.77	152	500	0.036	ng/ul#	79
12) Phenanthrene	16.85	178	12356	0.552	ng/ul	98
13) Anthracene	16.95	178	1760	0.092	ng/ul	96
15) Fluoranthene	18.88	202	59544	2.237	ng/ul	100
17) Pyrene	19.25	202	54064	2.000	ng/ul	98
18) Benzo(a)anthracene	21.02	228	23668	1.000	ng/ul	99
19) Chrysene	21.07	228	31090	1.189	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	47078m	1.858	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	13804m	0.493	ng/ul	
23) Benzo(a)pyrene	23.05	252	26882m	1.144	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	20548	0.665	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	4209	0.172	ng/ul#	96
26) Benzo(g,h,i)perylene	25.83	276	20151	0.721	ng/ul	97

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

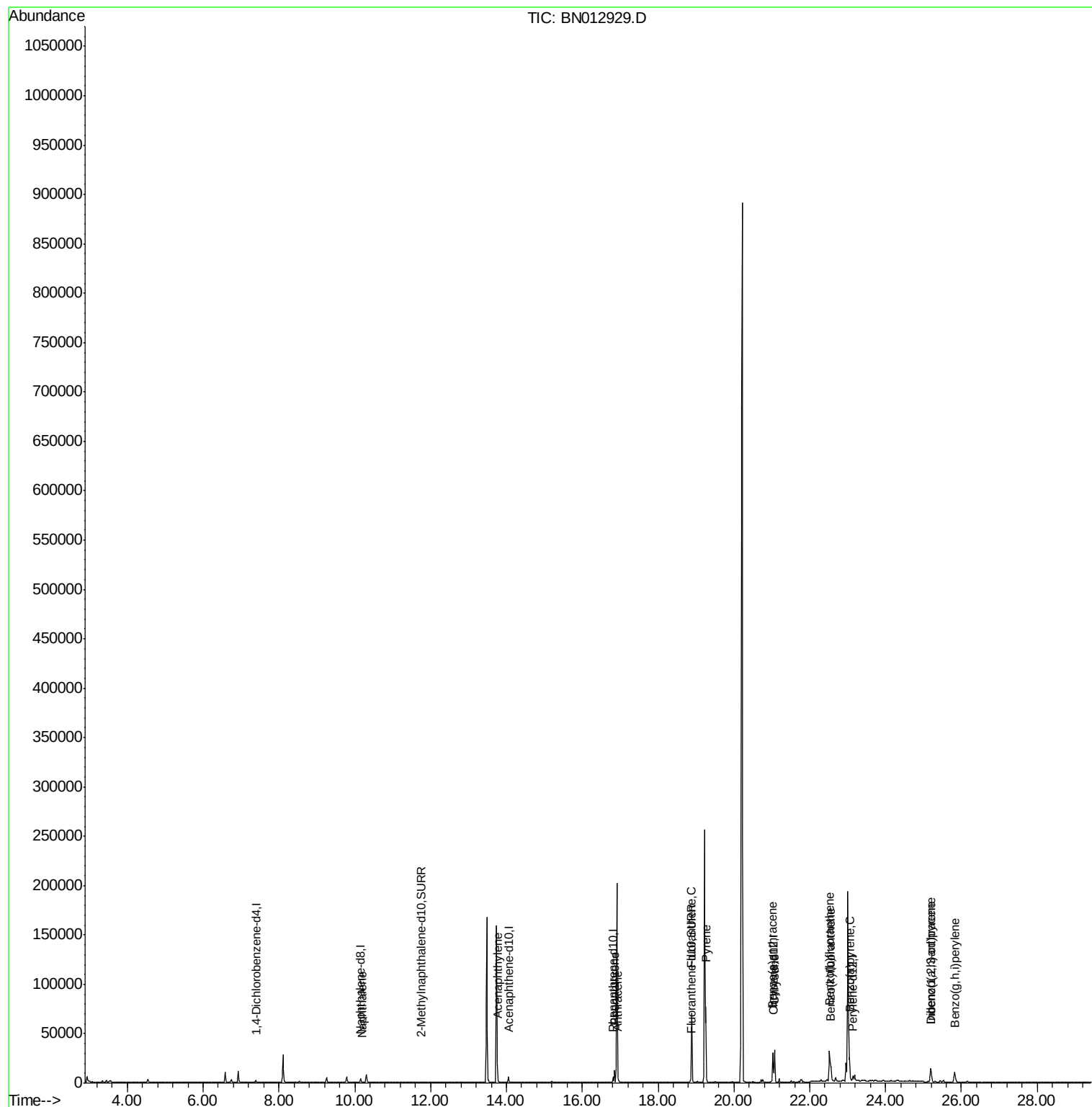
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012929.D
Acq On : 06 Dec 2020 22:06
Operator : CG/JU
Sample : L4864-21
Misc :
ALS Vial : 43 Sample Multiplier: 1

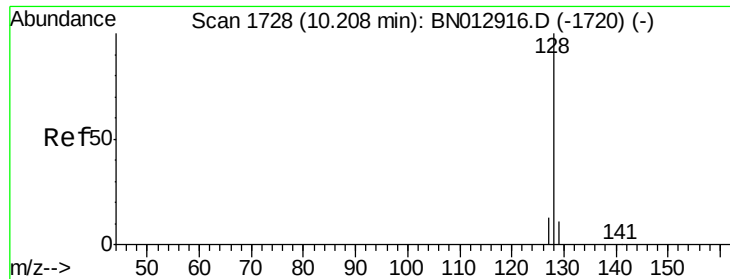
Instrument :
BNA_N
ClientSampleId :
C0B64

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Quant Time: Dec 07 04:08:52 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 : Mon Dec 07 03:06:53 2020
Response via : Initial Calibration





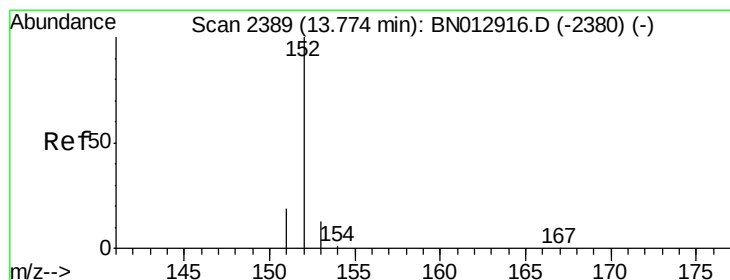
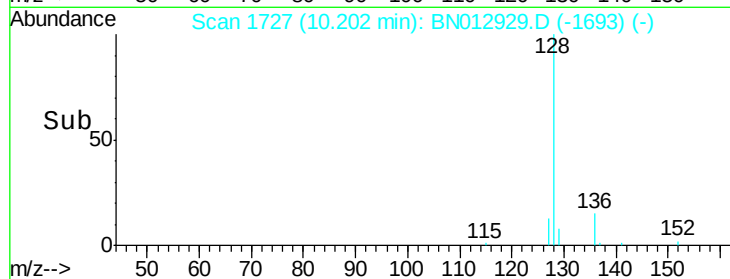
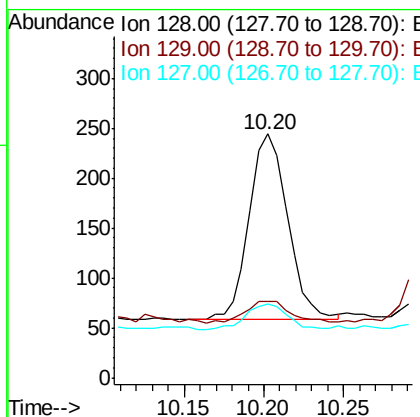
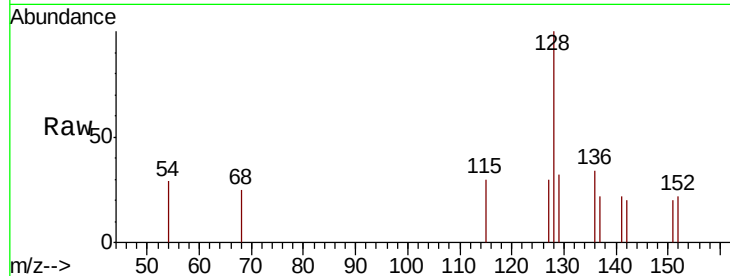
#3
Naphthalene
Concen: 0.021 ng/ul
RT: 10.20 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BN012929.D
Acq: 06 Dec 2020 22:06

Instrument :
BNA_N
ClientSampleId :
C0B64

Tot Ion	Ratio	Lower	Upper
128	100		
129	31.6	12.3	18.5#
127	30.3	14.2	21.4#

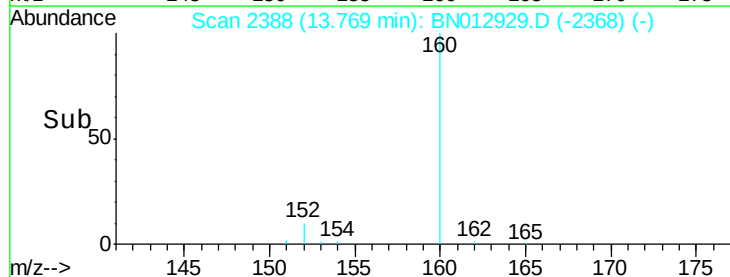
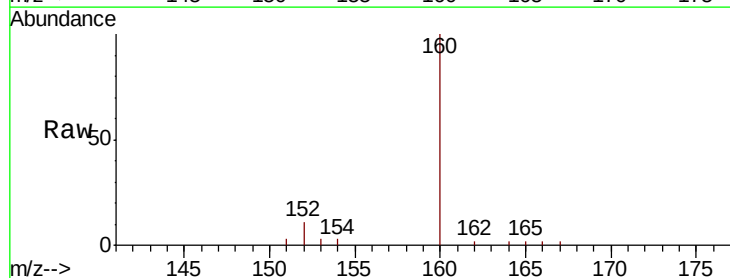
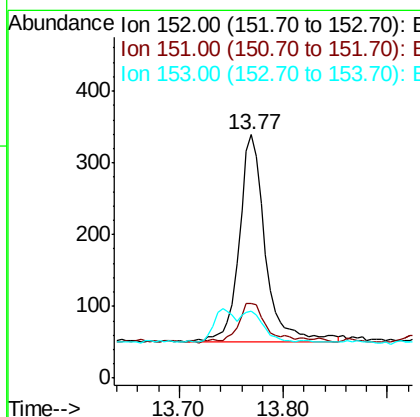
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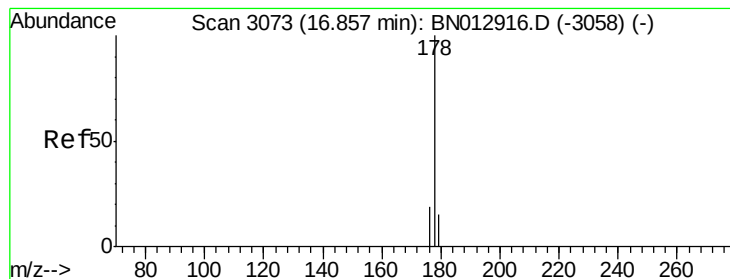
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#7
Acenaphthylene
Concen: 0.036 ng/ul
RT: 13.77 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BN012929.D
Acq: 06 Dec 2020 22:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	30.7	18.2	27.4#
153	27.7	13.1	19.7#





#12

Phenanthrene

Concen: 0.552 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Instrument :

BNA_N

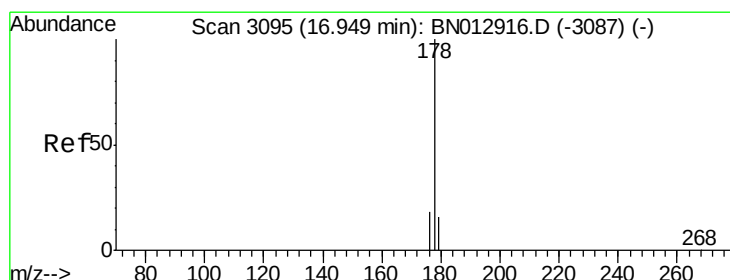
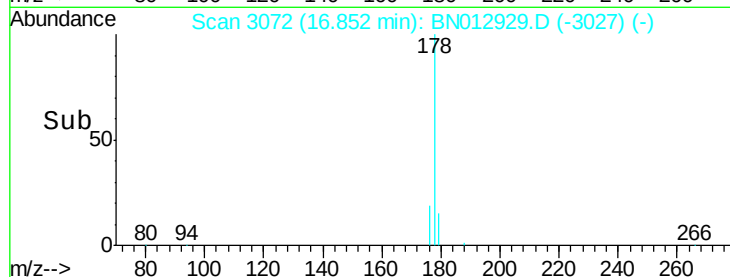
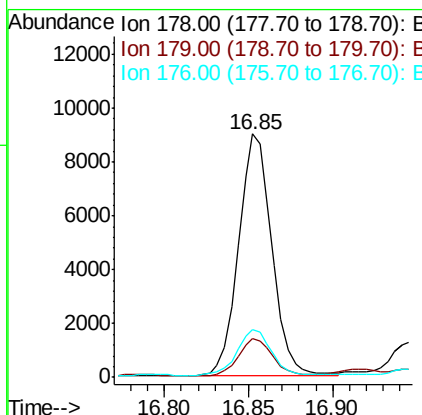
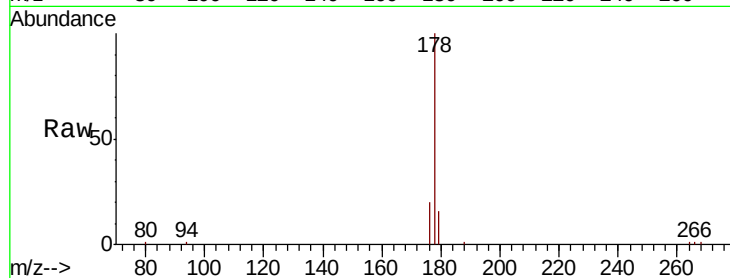
ClientSampleId :

C0B64

Tot Ion:	178	Resp:	12356
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.6	20.4
176	19.7	16.4	24.6

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#13

Anthracene

Concen: 0.092 ng/ul

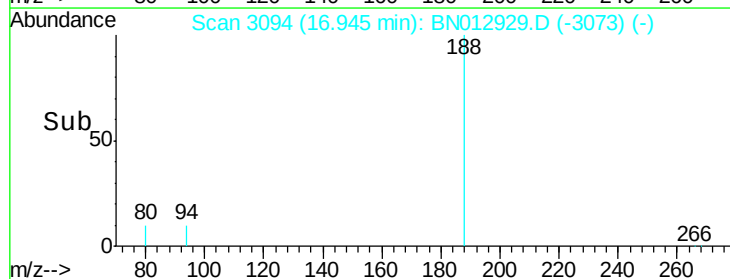
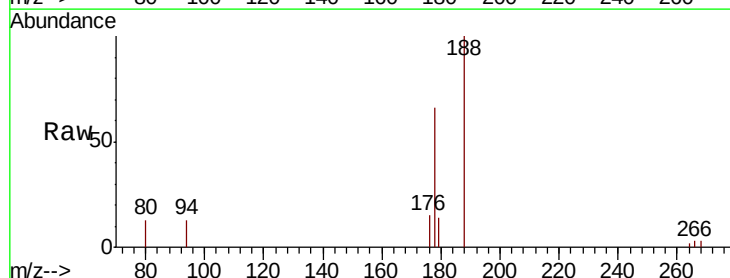
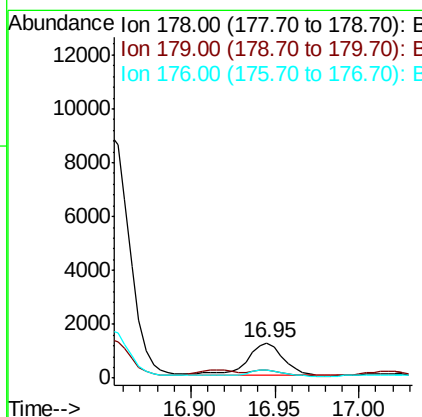
RT: 16.95 min Scan# 3094

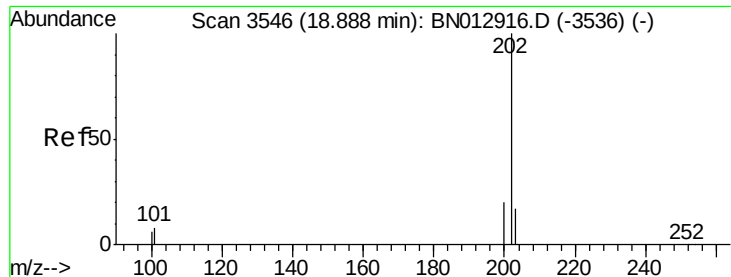
Delta R.T. -0.01 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Tgt Ion:	178	Resp:	1760
Ion Ratio	Lower	Upper	
178	100		
179	21.1	14.6	21.8
176	22.5	17.1	25.7





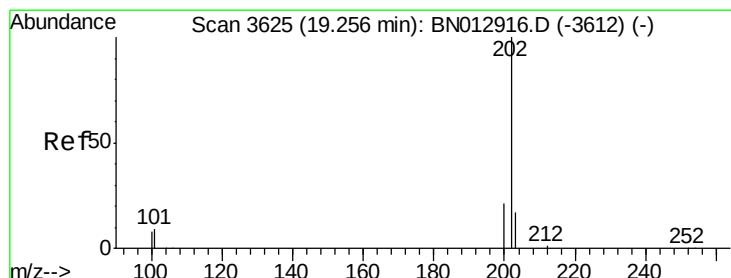
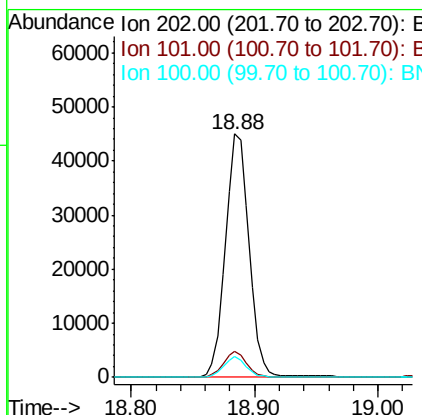
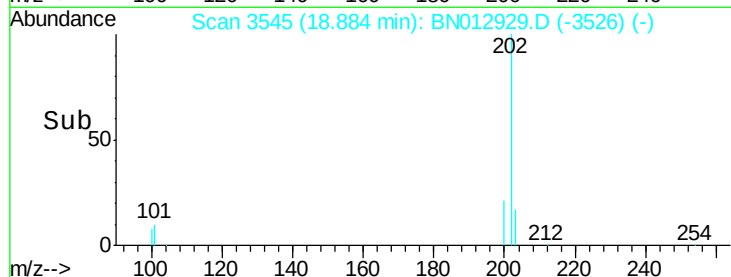
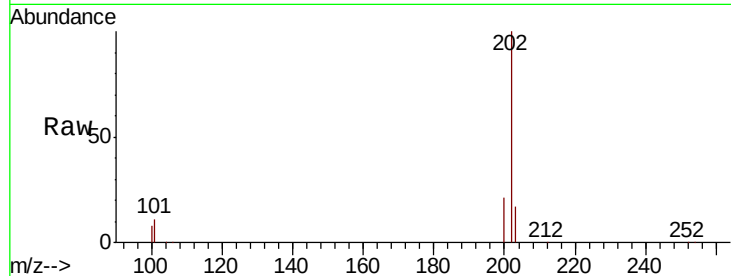
#15
Fluoranthene
 Concen: 2.237 ng/ul
 RT: 18.88 min Scan# 3545
 Delta R.T. -0.01 min
 Lab File: BN012929.D
 Acq: 06 Dec 2020 22:06

Instrument :
 BNA_N
 ClientSampleId :
 C0B64

Tot Ion:	202	Resp:	59544
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.6
100	8.4	0.0	28.7

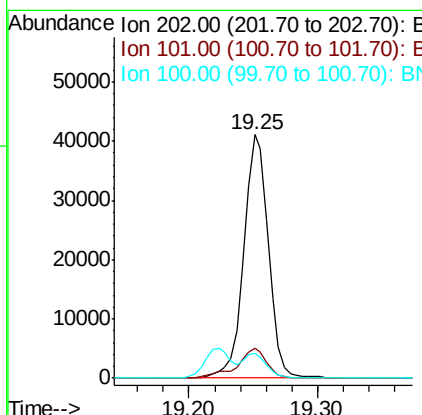
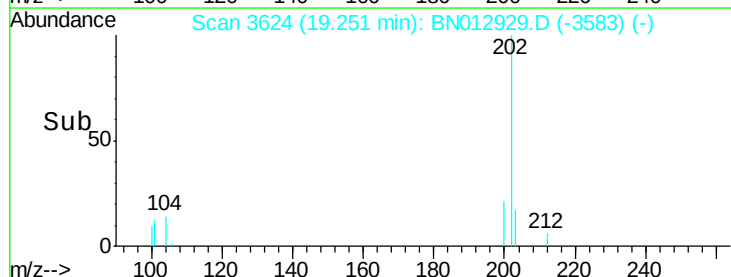
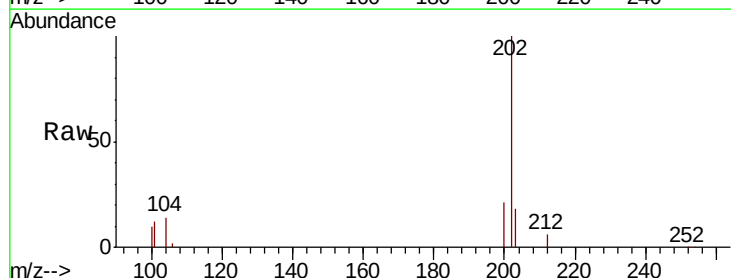
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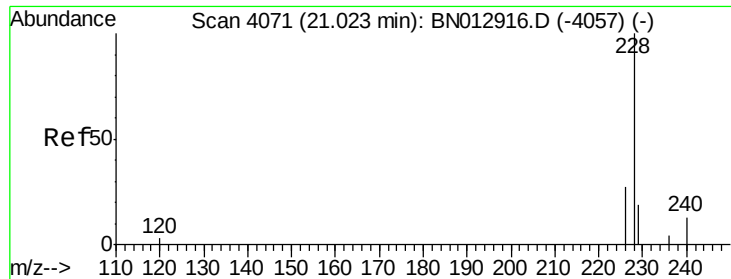
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#17
Pyrene
 Concen: 2.000 ng/ul
 RT: 19.25 min Scan# 3624
 Delta R.T. -0.01 min
 Lab File: BN012929.D
 Acq: 06 Dec 2020 22:06

Tgt Ion:	202	Resp:	54064
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.1	13.7
100	10.3	7.5	11.3





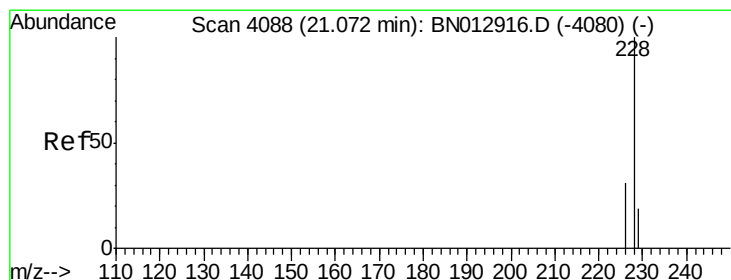
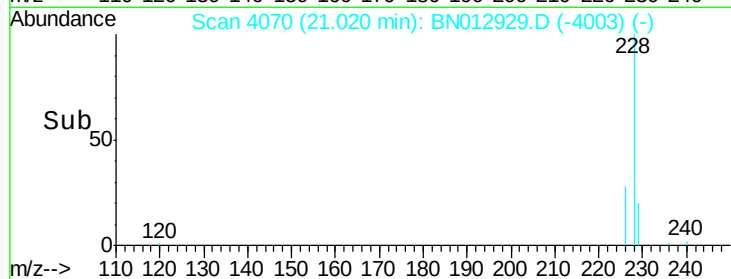
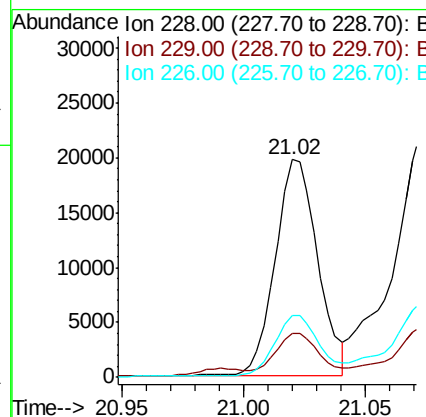
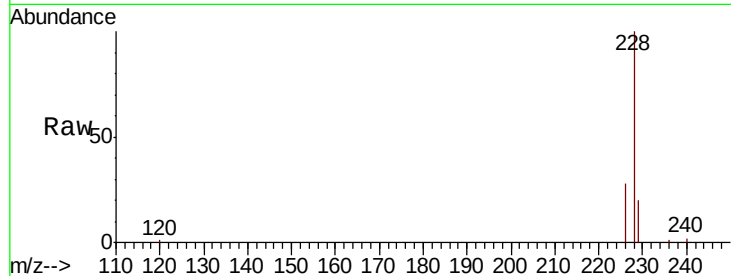
#18
Benzo(a)anthracene
Concen: 1.000 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012929.D
Acq: 06 Dec 2020 22:06

Instrument :
BNA_N
ClientSampled :
C0B64

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.3	24.5
226	28.5	23.4	35.2

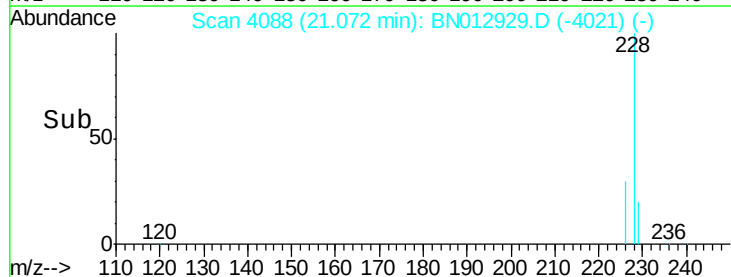
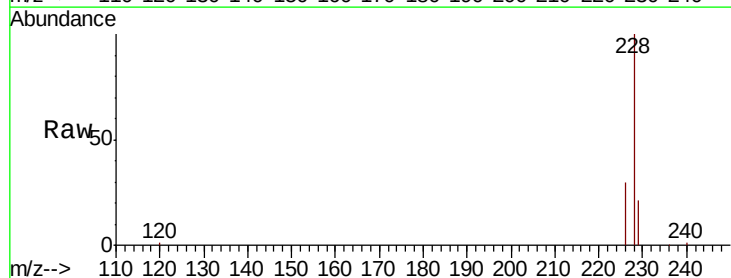
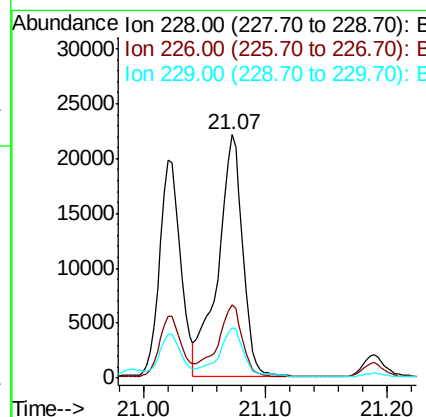
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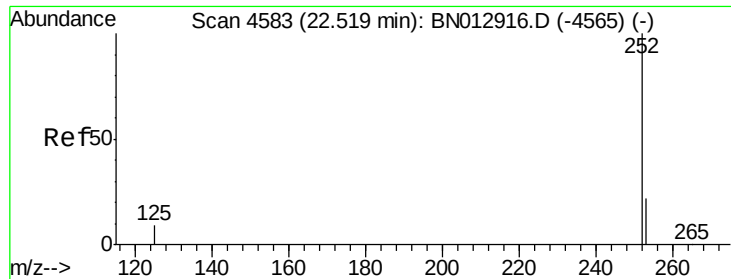
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#19
Chrysene
Concen: 1.189 ng/ul
RT: 21.07 min Scan# 4088
Delta R.T. -0.00 min
Lab File: BN012929.D
Acq: 06 Dec 2020 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.8	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 1.858 ng/ul m

RT: 22.52 min Scan# 4584

Delta R.T. -0.00 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Instrument :

BNA_N

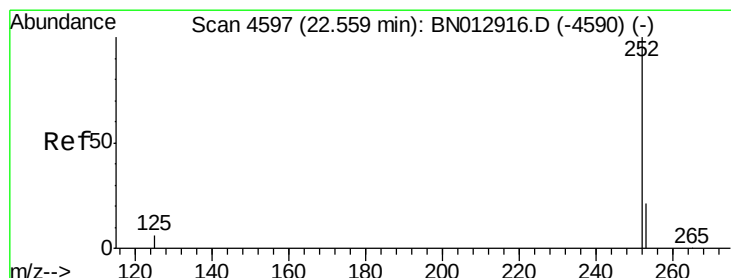
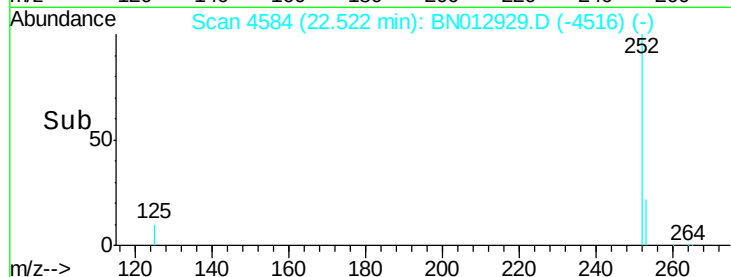
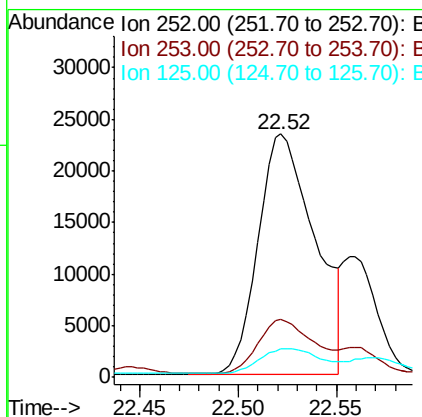
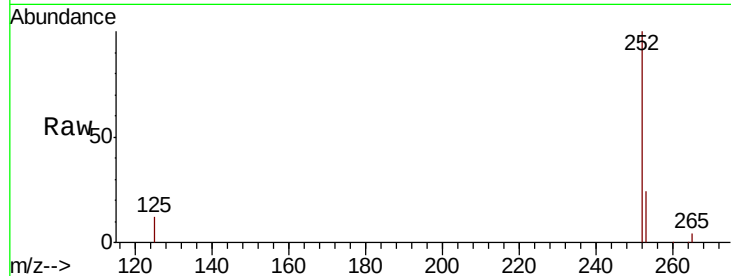
ClientSampleId :

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Tot Ion:	252	Resp:	47078
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	59.6
125	11.6	0.0	26.0

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#22

Benzo(k)fluoranthene

Concen: 0.493 ng/ul m

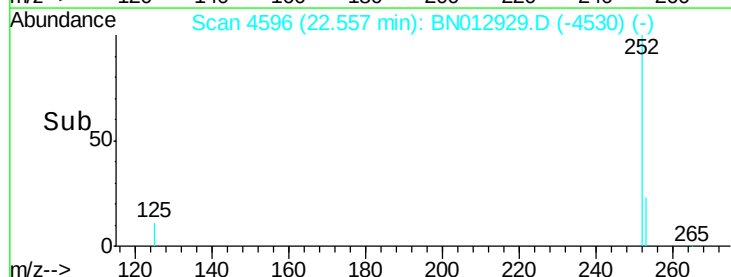
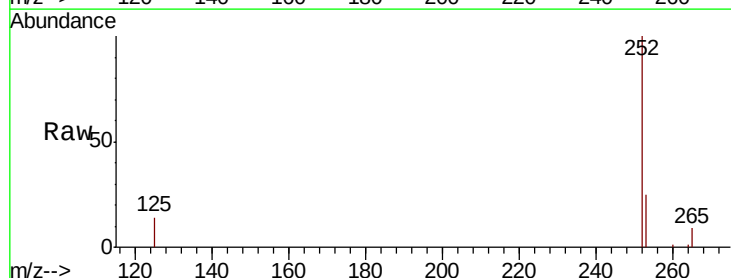
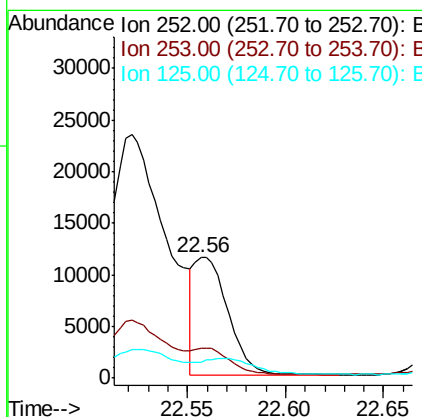
RT: 22.56 min Scan# 4596

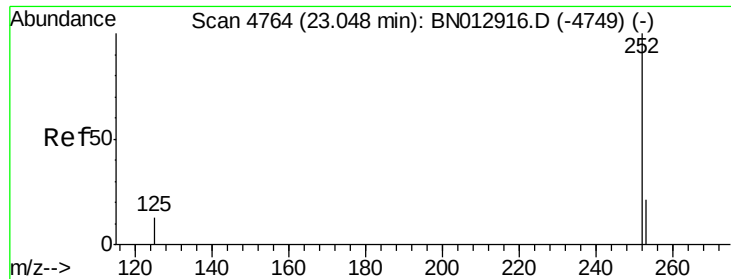
Delta R.T. -0.01 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Tgt Ion:	252	Resp:	13804
Ion Ratio	Lower	Upper	
252	100		
253	25.2	23.4	35.2
125	13.6	11.1	16.7





#23

Benzo(a)pyrene

Concen: 1.144 ng/ul m

RT: 23.05 min Scan# 4764

Delta R.T. -0.00 min

Lab File: BN012929.D

Acq: 06 Dec 2020 22:06

Instrument :

BNA_N

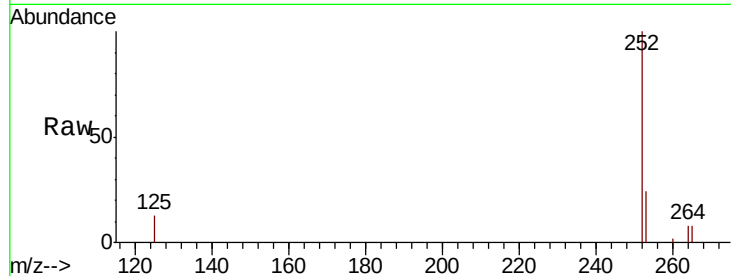
ClientSampleId :

C0B64

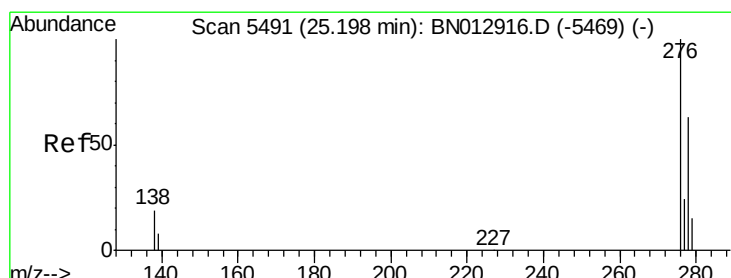
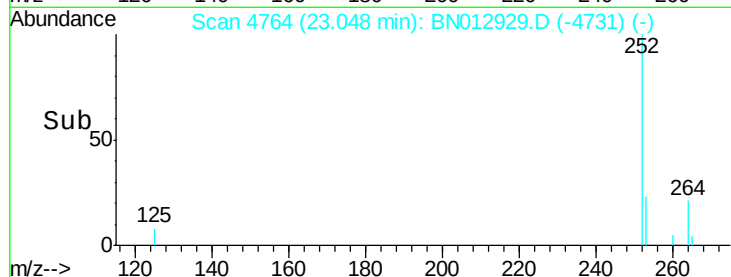
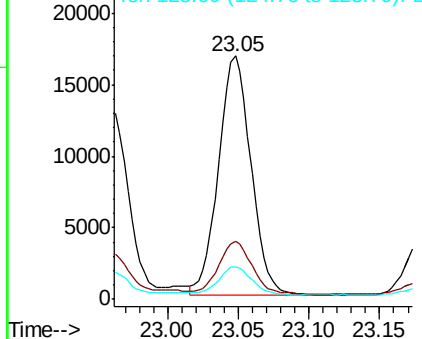
Tot Ion:	252	Resp:	26882
Ion Ratio	Lower	Upper	
252	100		
253	23.7	26.5	39.7#
125	13.2	14.2	21.2#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.665 ng/ul

RT: 25.19 min Scan# 5489

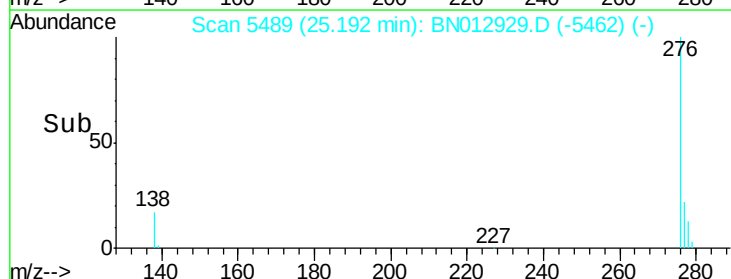
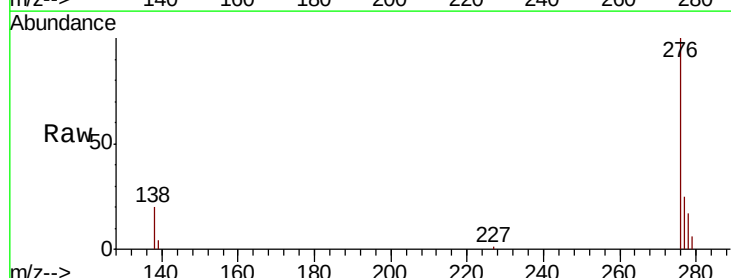
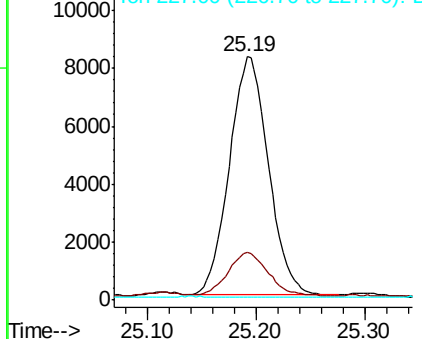
Delta R.T. -0.01 min

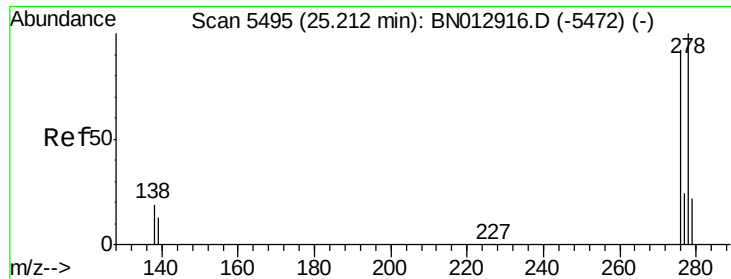
Lab File: BN012929.D

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Tgt Ion:	276	Resp:	20548
Ion Ratio	Lower	Upper	
276	100		
138	18.7	16.2	24.2
227	0.0	0.0	0.0#

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





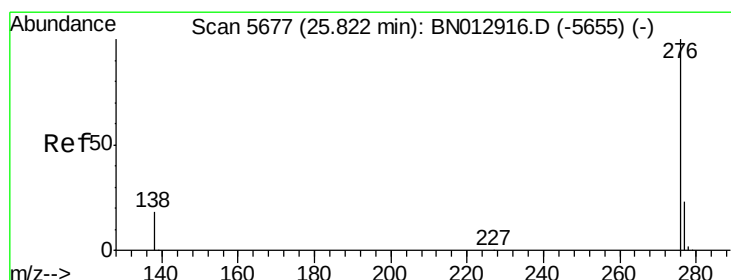
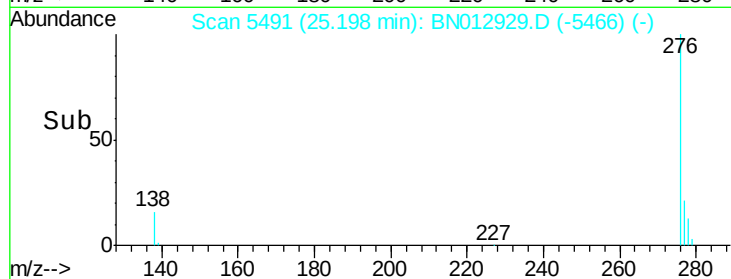
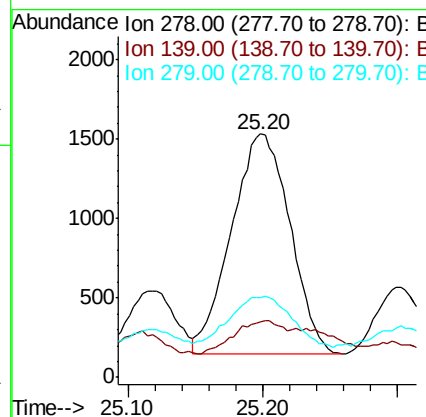
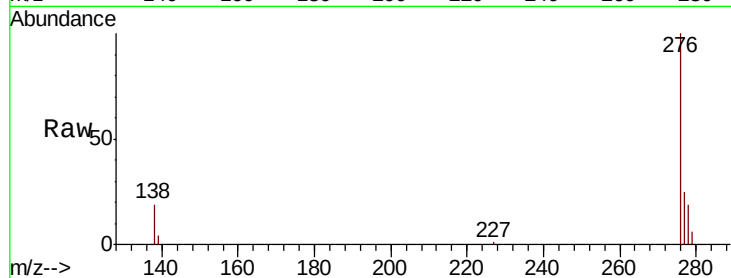
#25
Dibenzo(a,h)anthracene
Concen: 0.172 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.02 min
Lab File: BN012929.D
Acq: 06 Dec 2020 22:06

Instrument :
BNA_N
ClientSampleId :
C0B64

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.0	14.5	21.7#
279	32.8	26.3	39.5

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#26
Benzo(g,h,i)perylene
Concen: 0.721 ng/ul
RT: 25.83 min Scan# 5678
Delta R.T. -0.00 min
Lab File: BN012929.D
Acq: 06 Dec 2020 22:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.3	24.5
277	25.1	21.8	32.6

