

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012830.D
 Acq On : 02 Dec 2020 21:57
 Operator : CG/JU
 Sample : L4793-13DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B38DL

Manual Integrations
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Quant Time: Dec 03 01:13:49 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	801	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3175	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1862	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3839	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3269	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	3363	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	124	0.03	ng/ul	0.02
14) Fluoranthene-d10	18.87	212	279	0.03	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.14	153	161	0.021	ng/ul#	88
9) Fluorene	15.13	166	220	0.026	ng/ul#	90
12) Phenanthrene	16.87	178	7098	0.531	ng/ul	98
13) Anthracene	16.96	178	1011	0.087	ng/ul#	91
15) Fluoranthene	18.90	202	22938	1.487	ng/ul	96
17) Pyrene	19.26	202	19918	1.362	ng/ul	100
18) Benzo(a)anthracene	21.03	228	9526	0.813	ng/ul	99
19) Chrysene	21.08	228	13100	0.895	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	17729m	1.146	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	6855m	0.384	ng/ul	
23) Benzo(a)pyrene	23.06	252	11727m	0.805	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.22	276	9418	0.495	ng/ul	93
25) Dibenzo(a,h)anthracene	25.23	278	2169	0.142	ng/ul#	87
26) Benzo(g,h,i)perylene	25.85	276	8436	0.492	ng/ul	98

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

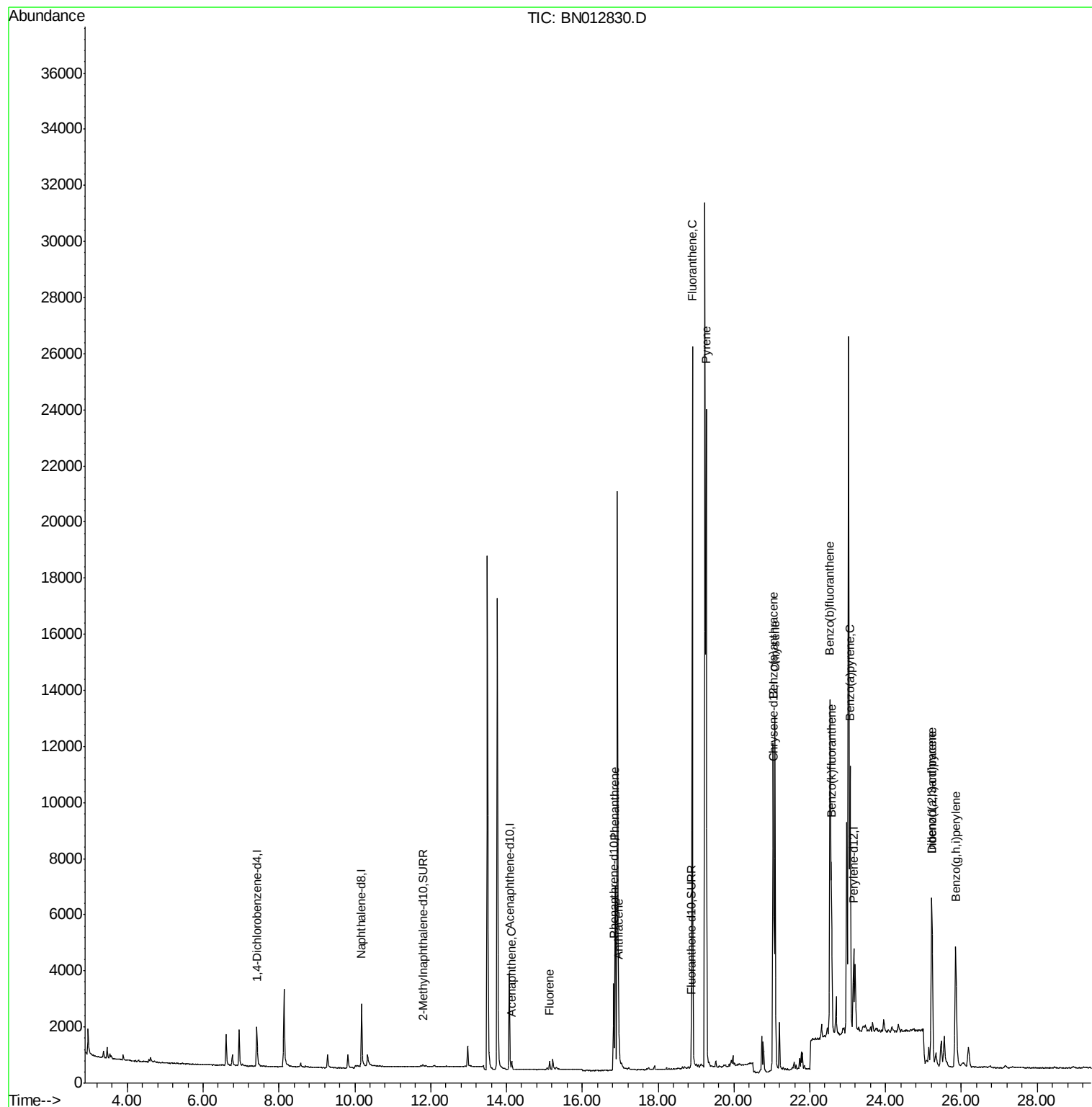
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012830.D
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ALS Vial : 57 Sample Multiplier: 1

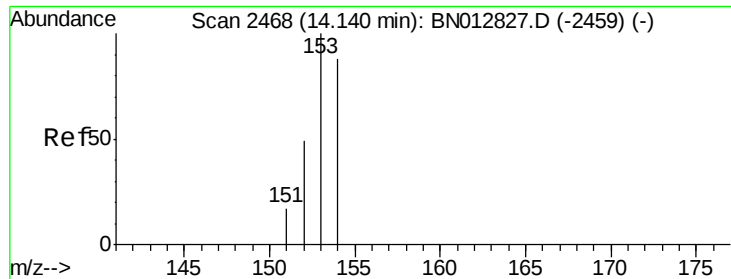
Instrument :
BNA_N
ClientSampleId :
C0B38DL

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Quant Time: Dec 03 01:13:49 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





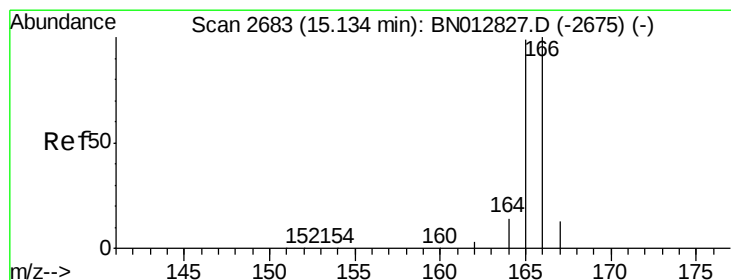
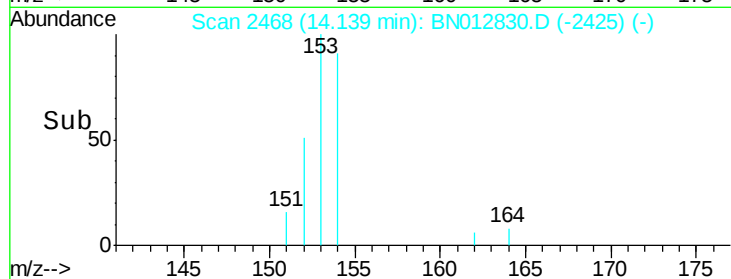
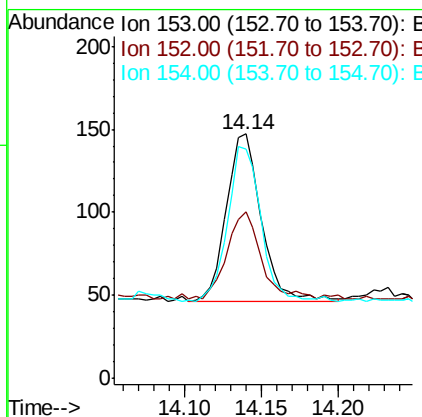
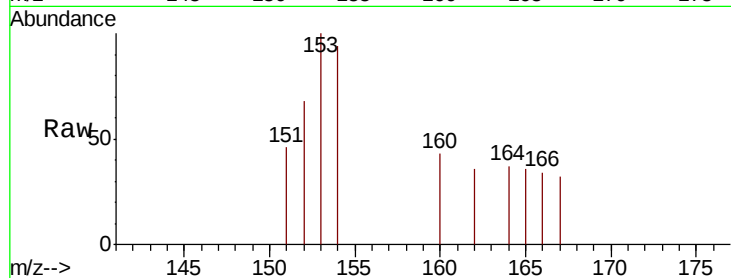
#8
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.14 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BN012830.D
Acq: 02 Dec 2020 21:57

Instrument :
BNA_N
ClientSampleId :
C0B38DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	68.0	41.4	62.0#
154	93.9	70.9	106.3

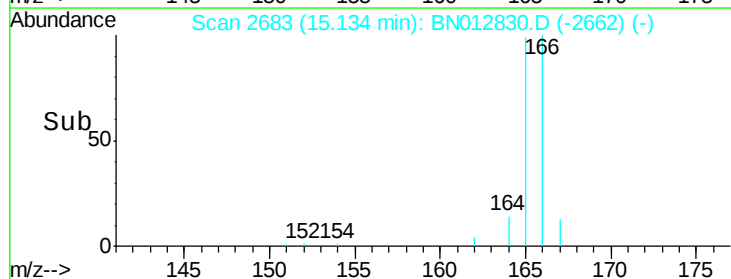
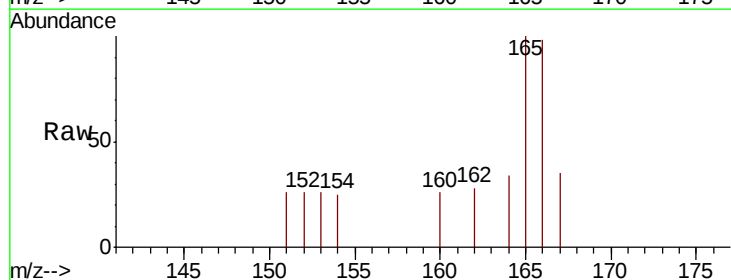
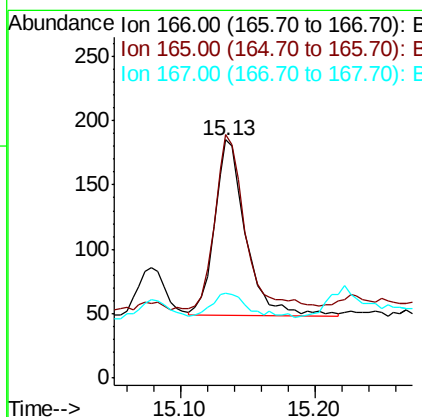
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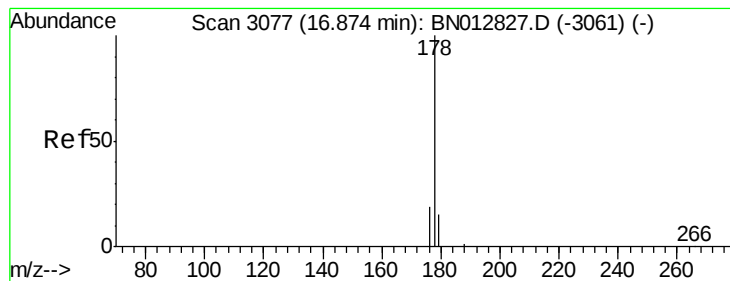
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#9
Fluorene
Concen: 0.026 ng/ul
RT: 15.13 min Scan# 2683
Delta R.T. -0.00 min
Lab File: BN012830.D
Acq: 02 Dec 2020 21:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.2	78.5	117.7
167	35.7	12.7	19.1#





#12

Phenanthrene

Concen: 0.531 ng/ul

RT: 16.87 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN012830.D

Acq: 02 Dec 2020 21:57

Instrument :

BNA_N

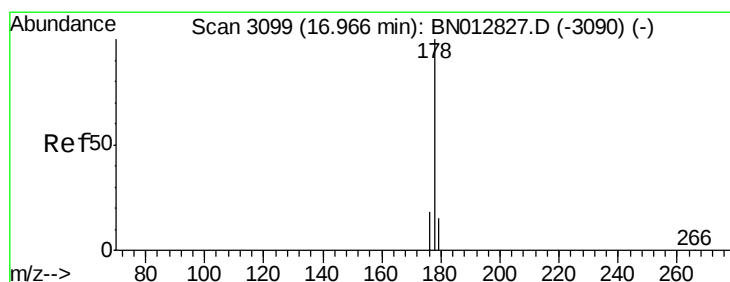
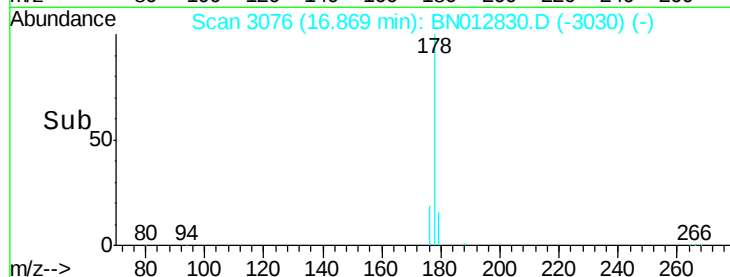
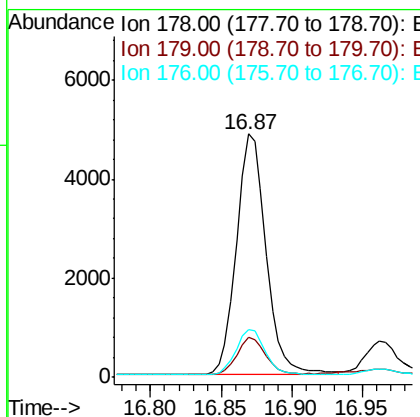
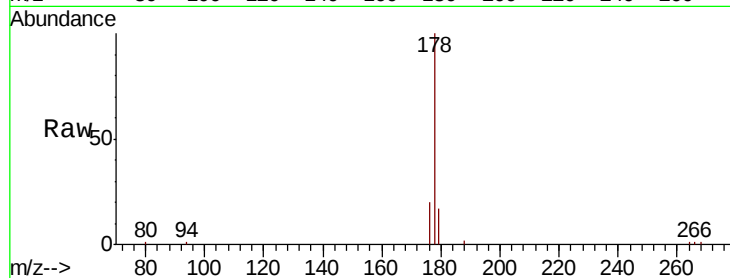
ClientSampleId :

C0B38DL

Tot Ion:178	Resp:	7098
Ion Ratio	Lower	Upper
178	100	
179	16.5	13.8 20.6
176	19.5	16.7 25.1

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#13

Anthracene

Concen: 0.087 ng/ul

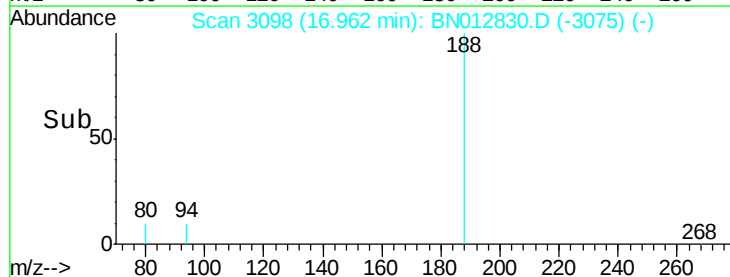
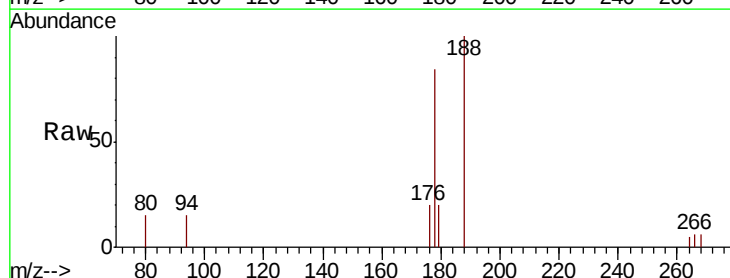
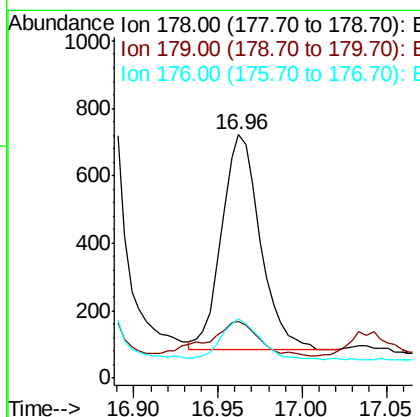
RT: 16.96 min Scan# 3098

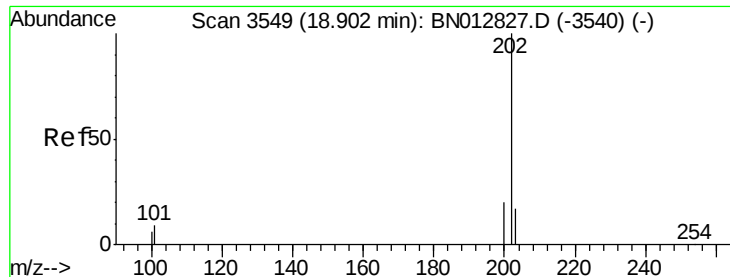
Delta R.T. -0.00 min

Lab File: BN012830.D

Acq: 02 Dec 2020 21:57

Tgt Ion:178	Resp:	1011
Ion Ratio	Lower	Upper
178	100	
179	23.3	14.8 22.2#
176	24.1	16.3 24.5





#15

Fluoranthene

Concen: 1.487 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BN012830.D

Acq: 02 Dec 2020 21:57

Instrument :

BNA_N

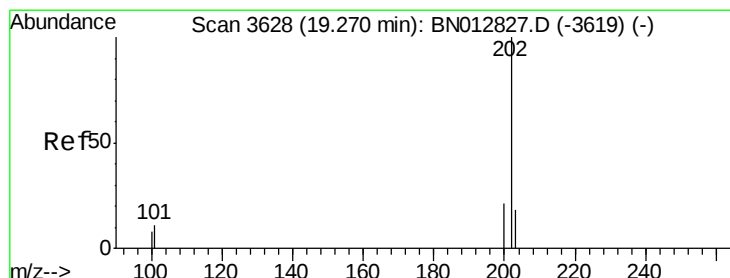
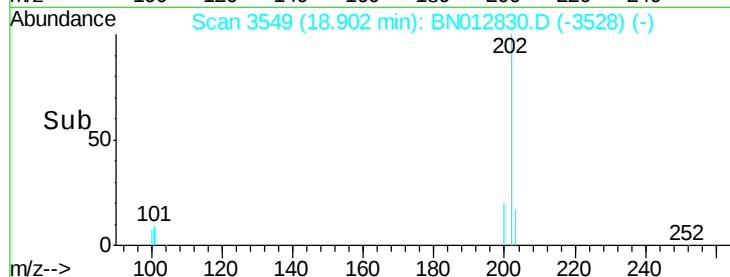
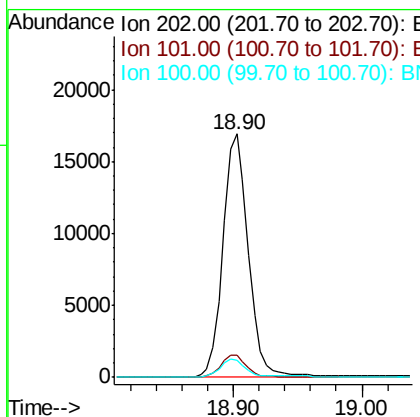
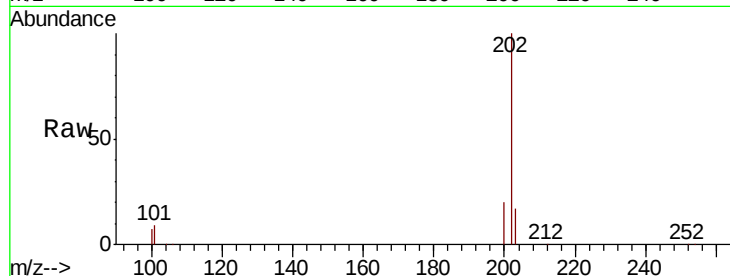
ClientSampleId :

C0B38DL

Tot Ion:	202	Resp:	22938
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	30.5
100	6.9	0.0	28.4

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#17

Pyrene

Concen: 1.362 ng/ul

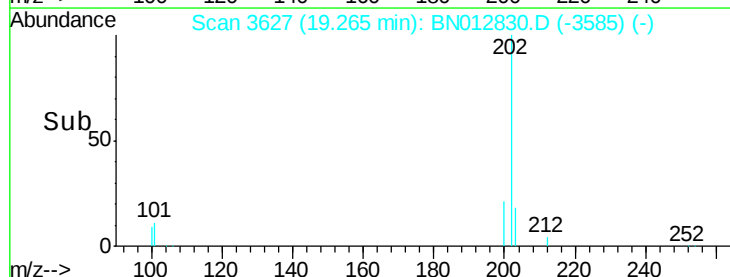
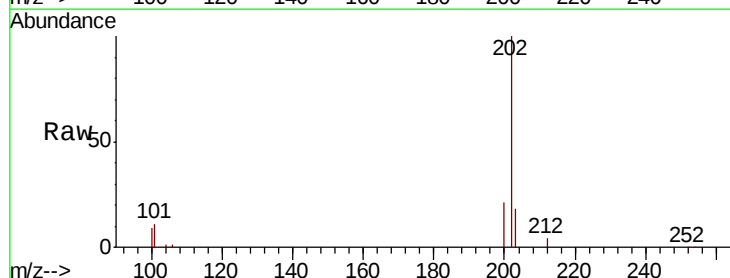
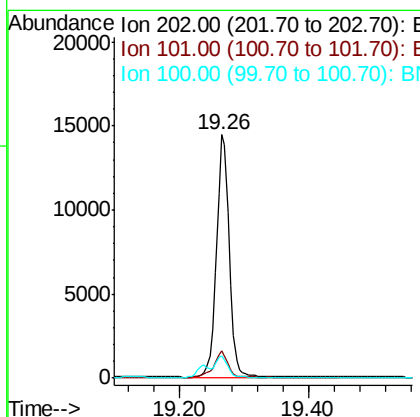
RT: 19.26 min Scan# 3627

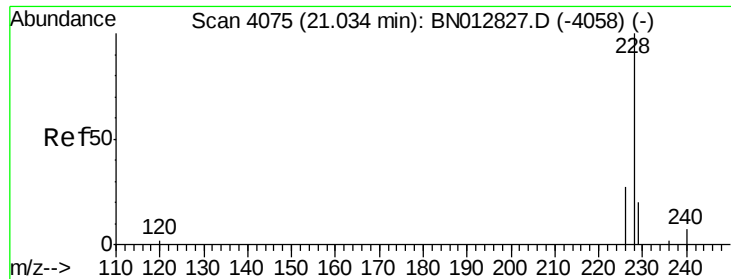
Delta R.T. -0.00 min

Lab File: BN012830.D

Acq: 02 Dec 2020 21:57

Tgt Ion:	202	Resp:	19918
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.9	13.3
100	9.3	7.4	11.2





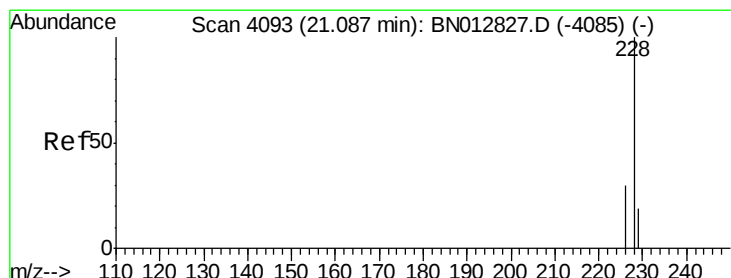
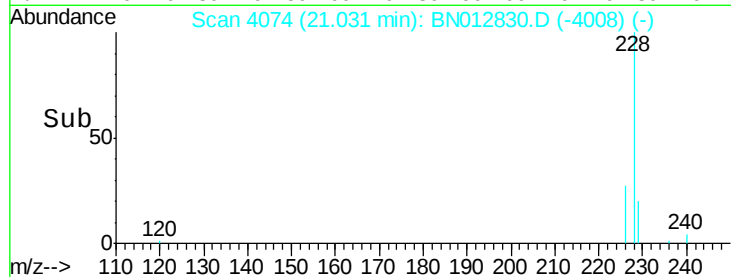
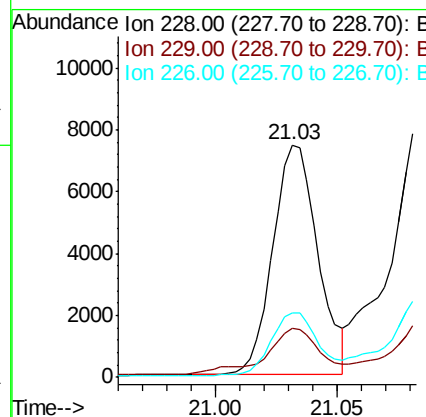
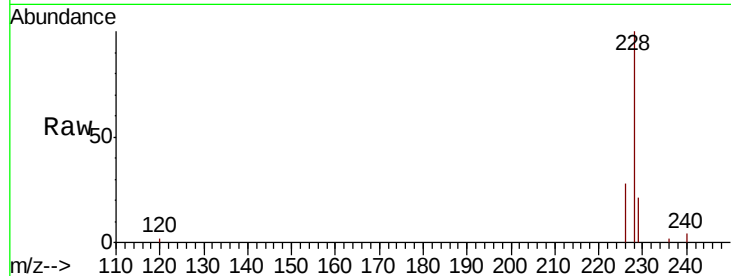
#18
Benzo(a)anthracene
Concen: 0.813 ng/ul
RT: 21.03 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN012830.D
Acq: 02 Dec 2020 21:57

Instrument :
BNA_N
ClientSampleId :
C0B38DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.9	25.3
226	27.9	23.1	34.7

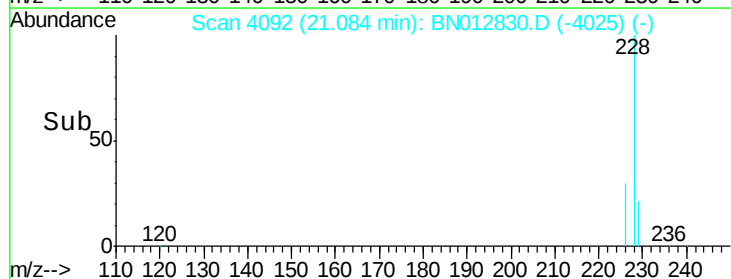
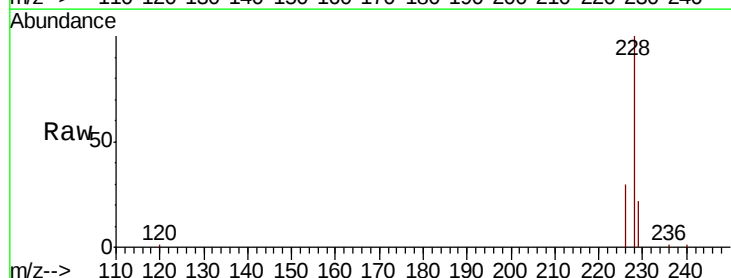
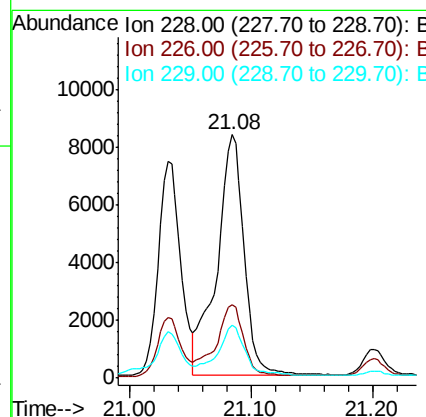
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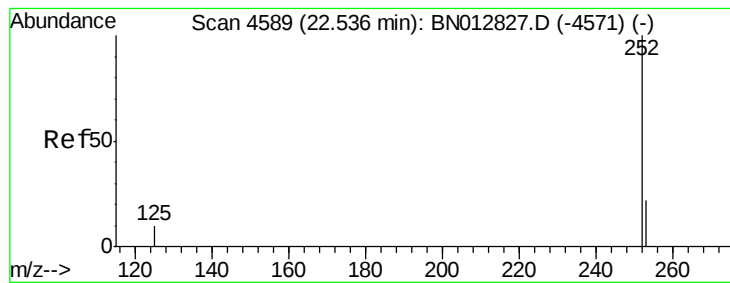
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#19
Chrysene
Concen: 0.895 ng/ul
RT: 21.08 min Scan# 4092
Delta R.T. -0.00 min
Lab File: BN012830.D
Acq: 02 Dec 2020 21:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	21.7	16.1	24.1





#21

Benzo(b)fluoranthene

Concen: 1.146 ng/ul m

RT: 22.53 min Scan# 4588

Delta R.T. -0.00 min

Lab File: BN012830.D

Acq: 02 Dec 2020 21:57

Instrument :

BNA_N

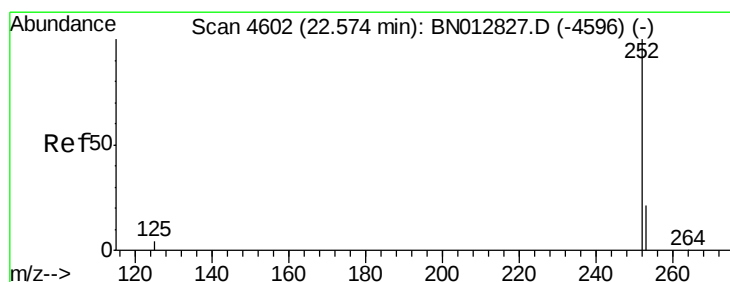
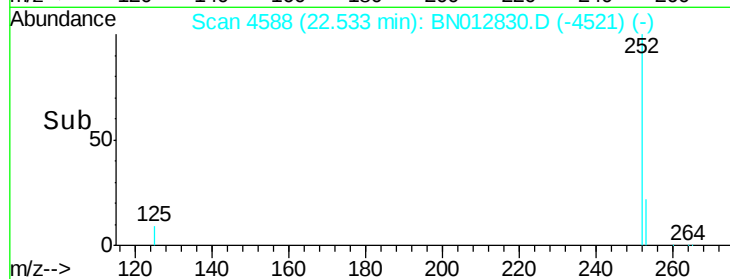
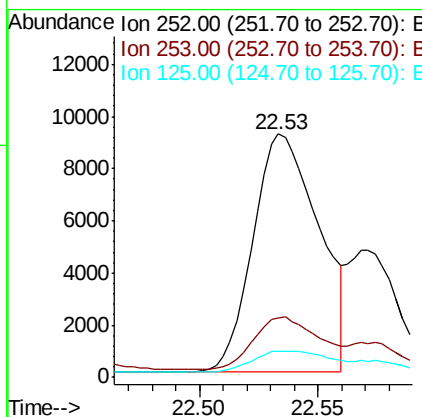
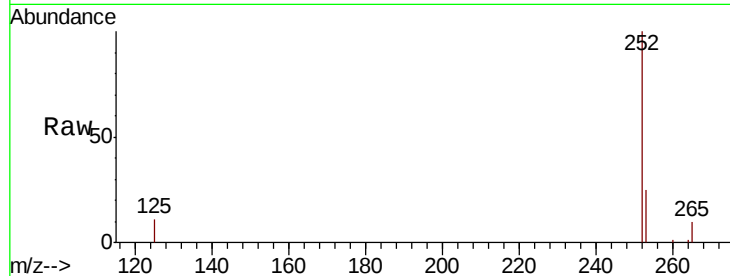
ClientSampleId :

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Tot Ion:	252	Resp:	17729
Ion Ratio	Lower	Upper	
252	100		
253	24.6	0.0	58.4
125	10.7	0.0	28.6

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#22

Benzo(k)fluoranthene

Concen: 0.384 ng/ul m

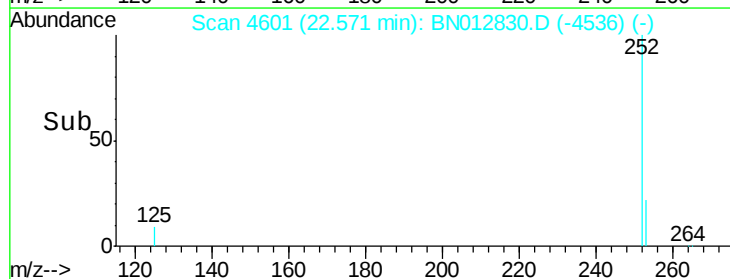
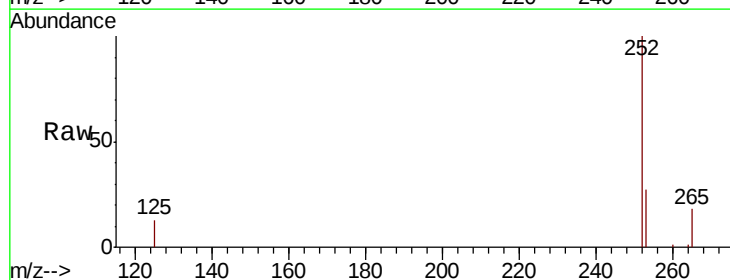
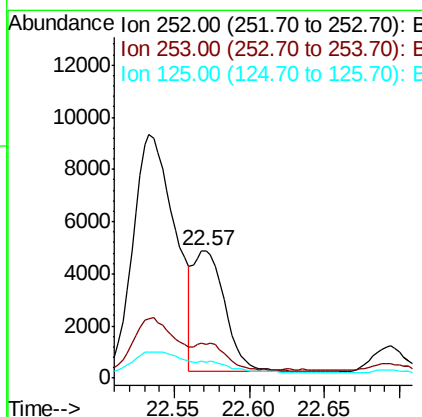
RT: 22.57 min Scan# 4601

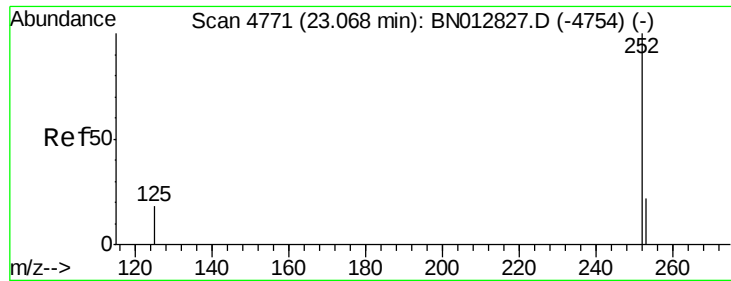
Delta R.T. -0.01 min

Lab File: BN012830.D

Acq: 02 Dec 2020 21:57

Tgt Ion:	252	Resp:	6855
Ion Ratio	Lower	Upper	
252	100		
253	26.9	23.4	35.2
125	12.6	10.2	15.2





#23

Benzo(a)pyrene

Concen: 0.805 ng/ul m

RT: 23.06 min Scan# 4769

Delta R.T. -0.01 min

Lab File: BN012830.D

Acq: 02 Dec 2020 21:57

Instrument :

BNA_N

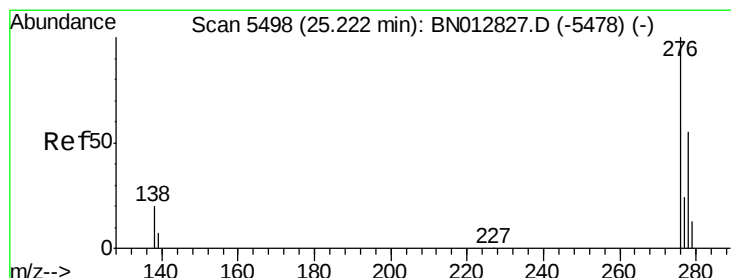
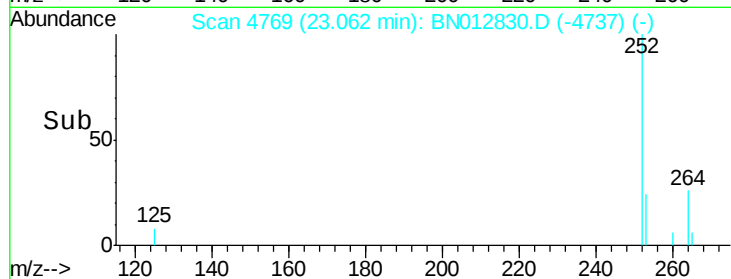
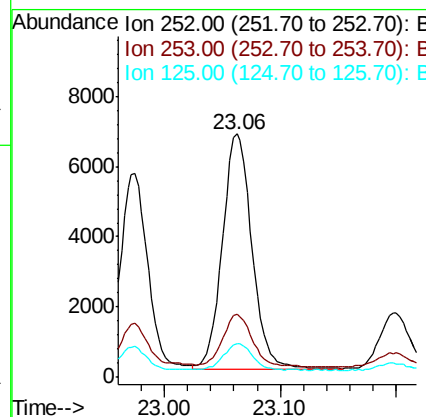
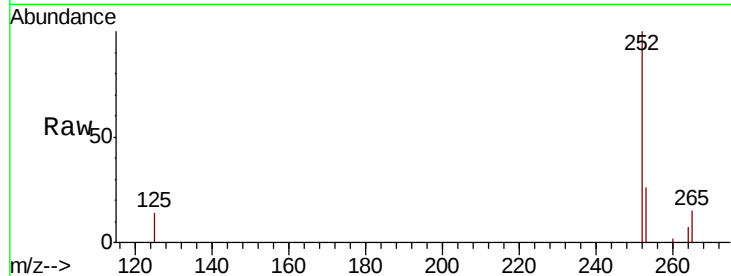
ClientSampleId :

C0B38DL

Tot Ion:	252	Resp:	11727
Ion Ratio	Lower	Upper	
252	100		
253	25.8	27.6	41.4#
125	13.8	17.0	25.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.495 ng/ul

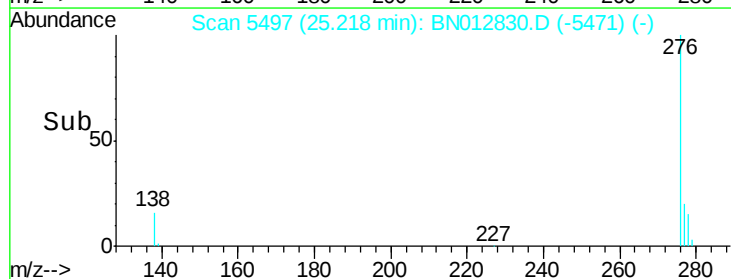
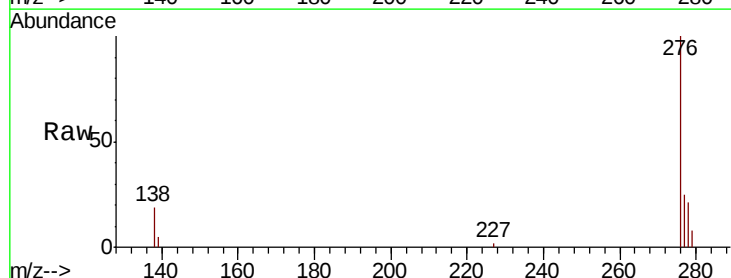
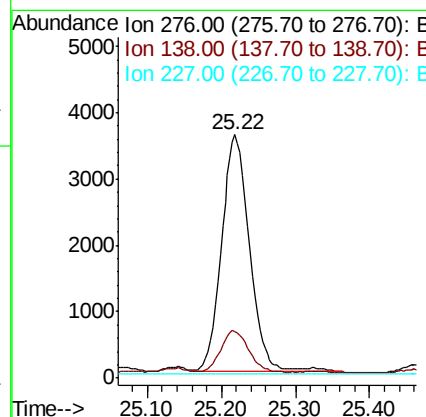
RT: 25.22 min Scan# 5497

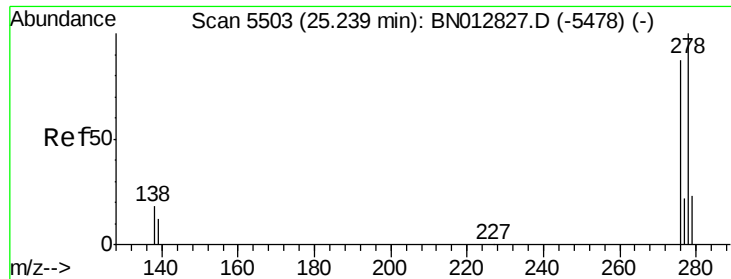
Delta R.T. -0.01 min

Lab File: BN012830.D

Acq: 02 Dec 2020 21:57

Tgt Ion:	276	Resp:	9418
Ion Ratio	Lower	Upper	
276	100		
138	17.4	16.5	24.7
227	0.1	0.1	0.1





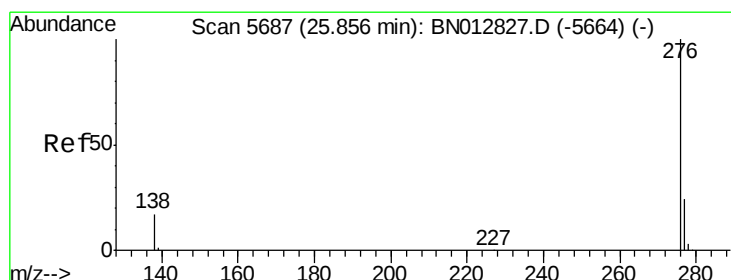
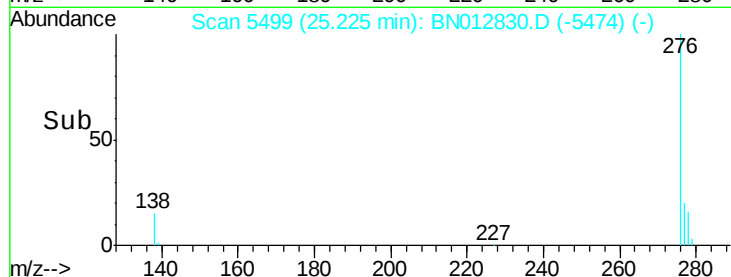
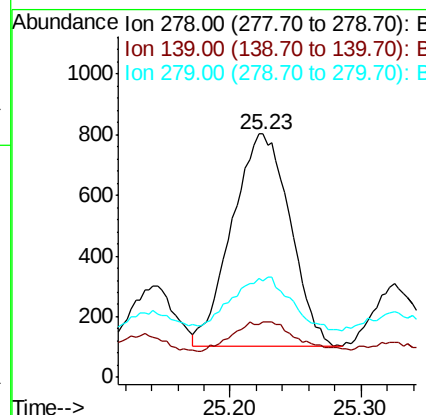
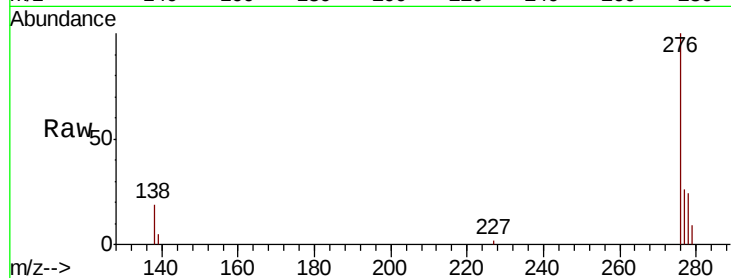
#25
Dibenzo(a,h)anthracene
Concen: 0.142 ng/ul
RT: 25.23 min Scan# 5499
Delta R.T. -0.02 min
Lab File: BN012830.D
Acq: 02 Dec 2020 21:57

Instrument :
BNA_N
ClientSampled :
C0B38DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.7	13.8	20.8#
279	39.5	25.6	38.4#

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#26
Benzo(g,h,i)perylene
Concen: 0.492 ng/ul
RT: 25.85 min Scan# 5685
Delta R.T. -0.01 min
Lab File: BN012830.D
Acq: 02 Dec 2020 21:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.3	24.5
277	26.1	21.8	32.8

