

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012284.D
 Acq On : 17 Oct 2020 01:30
 Operator : CG/JU
 Sample : L4201-08DL 5X
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS4DL

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Quant Time: Oct 17 04:33:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 23:42:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1857	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7868	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4358	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8651	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7173	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7172	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	457	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	891	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	2128	0.113	ng/ul	93
9) Fluorene	15.31	166	409	0.023	ng/ul#	89
12) Phenanthrene	17.05	178	6308	0.229	ng/ul	99
13) Anthracene	17.14	178	2107	0.089	ng/ul#	92
15) Fluoranthene	19.07	202	19726	0.612	ng/ul	98
17) Pyrene	19.44	202	18912	0.585	ng/ul	99
18) Benzo(a)anthracene	21.19	228	9764	0.367	ng/ul#	85
19) Chrysene	21.24	228	12007	0.371	ng/ul#	89
21) Benzo(b)fluoranthene	22.74	252	16520m	0.570	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	6005m	0.187	ng/ul	
23) Benzo(a)pyrene	23.30	252	11630	0.413	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.58	276	10118	0.279	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	3034	0.105	ng/ul#	4
26) Benzo(g,h,i)perylene	26.25	276	14622	0.441	ng/ul#	84

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

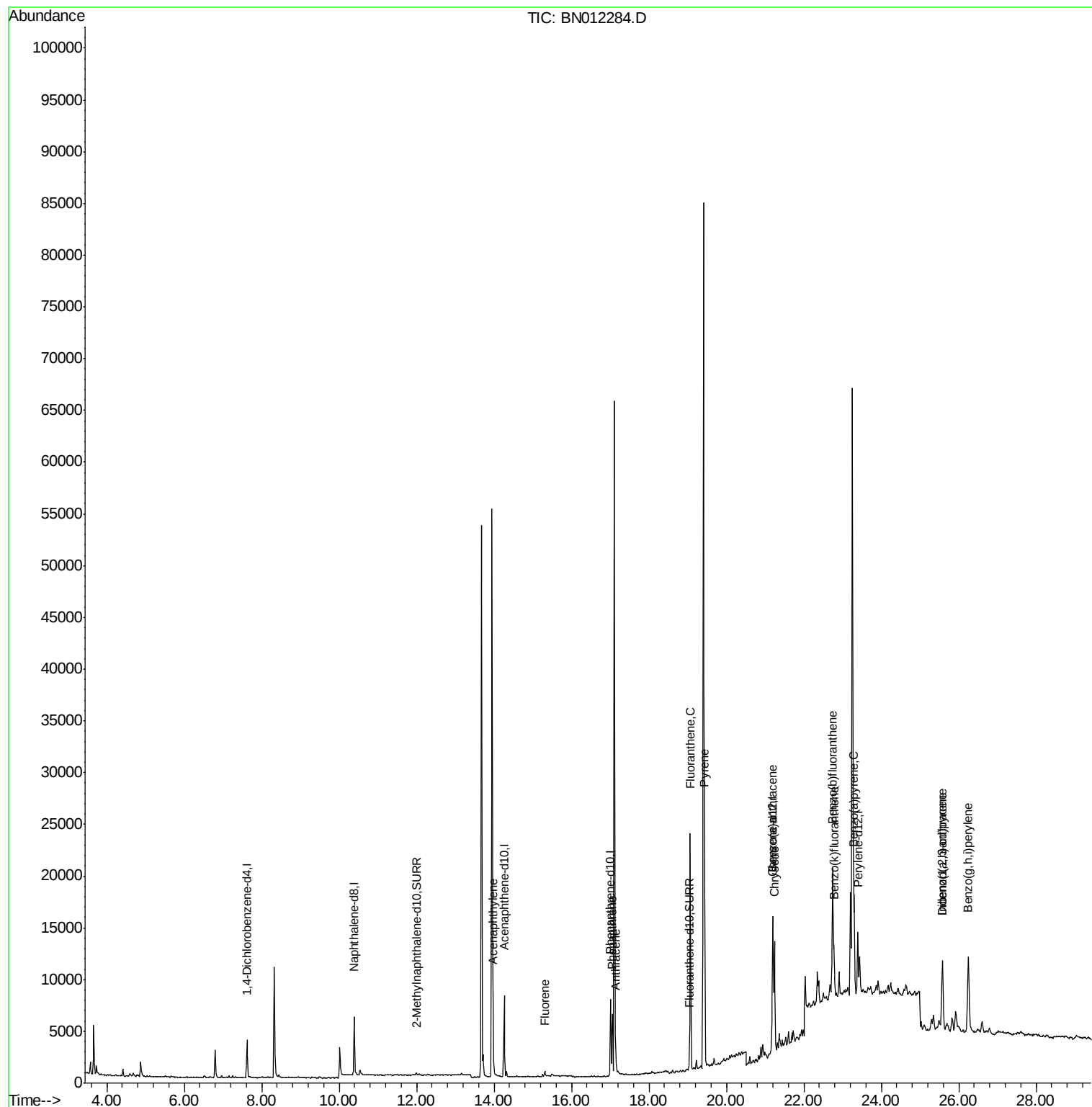
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
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Misc :
ALS Vial : 96 Sample Multiplier: 1

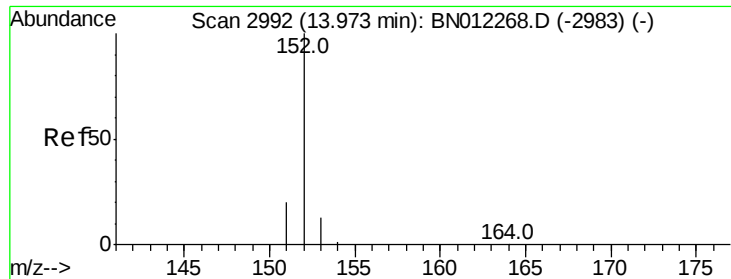
Instrument :
BNA_N
ClientSampleId :
C0AS4DL

Quant Time: Oct 17 04:33:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 23:42:05 2020
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#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

Instrument :

BNA_N

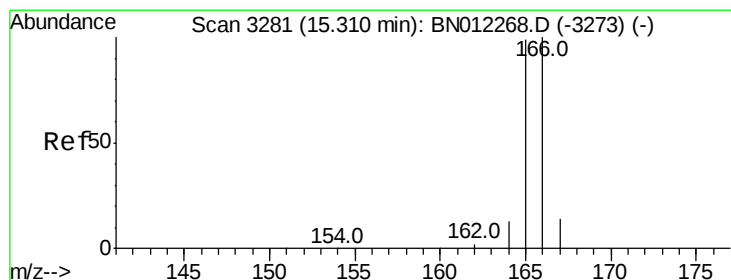
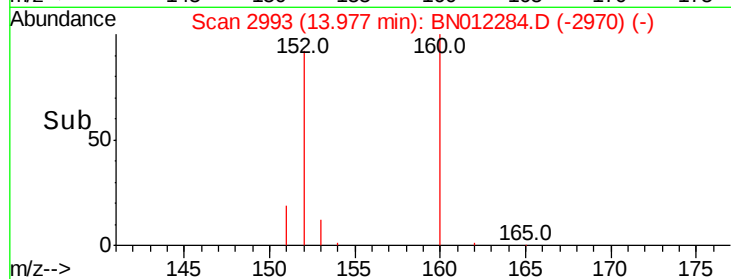
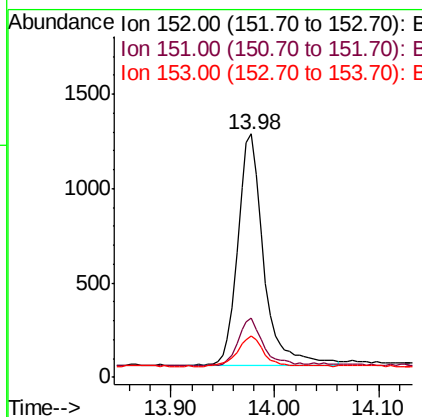
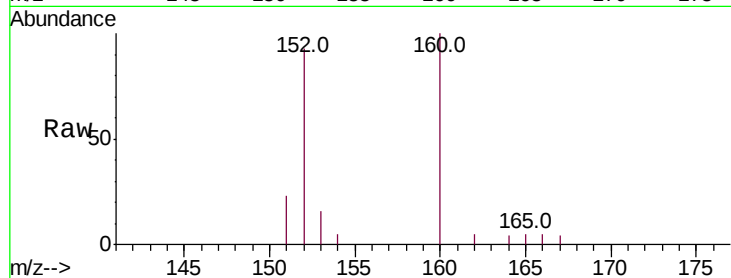
ClientSampleId :

C0AS4DL

Tot Ion:	152	Resp:	2128
Ion	Ratio	Lower	Upper
152	100		
151	24.4	16.7	25.1
153	17.2	11.8	17.8

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#9

Fluorene

Concen: 0.023 ng/ul

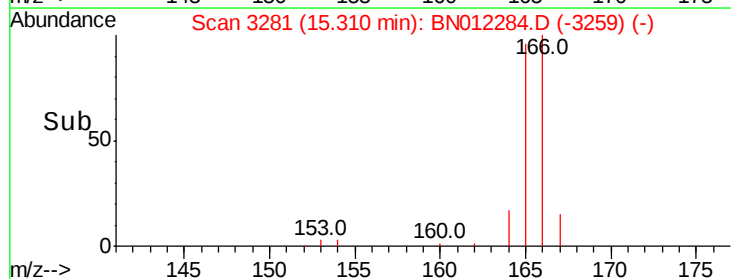
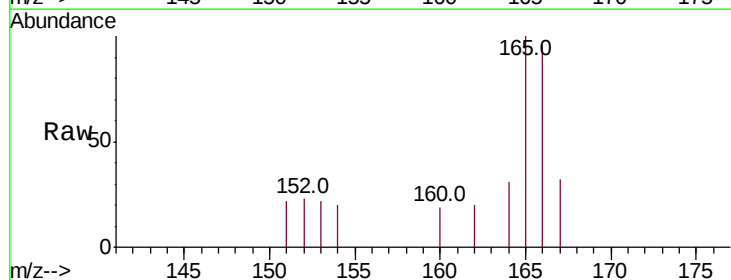
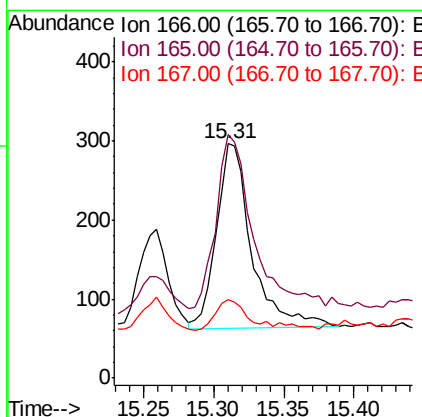
RT: 15.31 min Scan# 3281

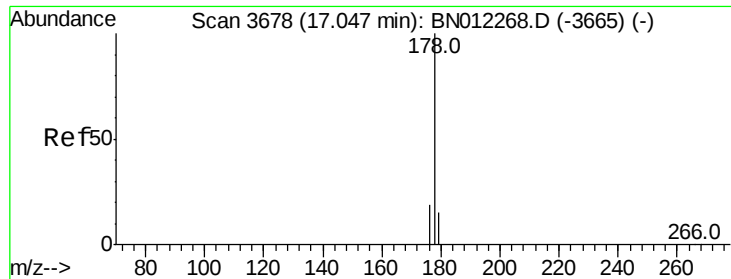
Delta R.T. -0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

Tgt Ion:	166	Resp:	409
Ion	Ratio	Lower	Upper
166	100		
165	104.1	78.6	118.0
167	33.4	11.9	17.9#





#12

Phenanthrene

Concen: 0.229 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012284.D

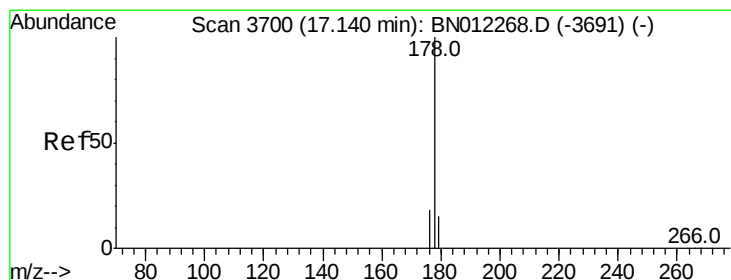
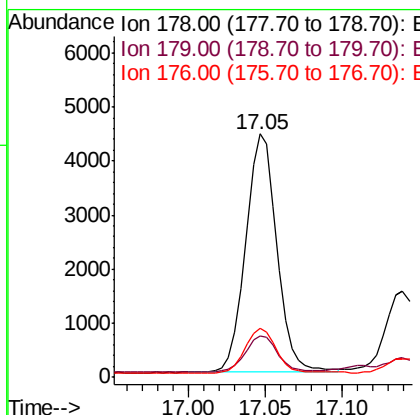
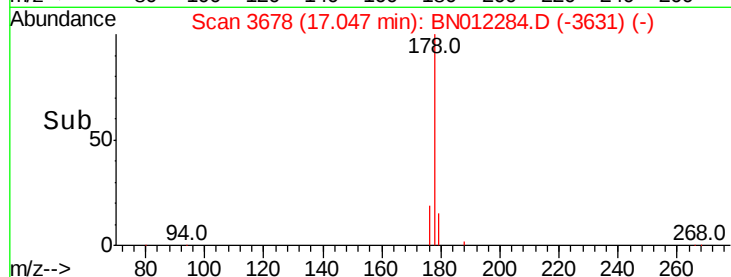
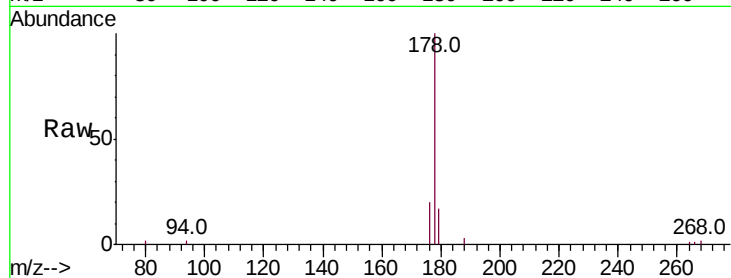
Acq: 17 Oct 2020 01:30

Instrument :
BNA_N
ClientSampleId :
C0AS4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.4	20.2
176	20.3	15.7	23.5

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#13

Anthracene

Concen: 0.089 ng/ul

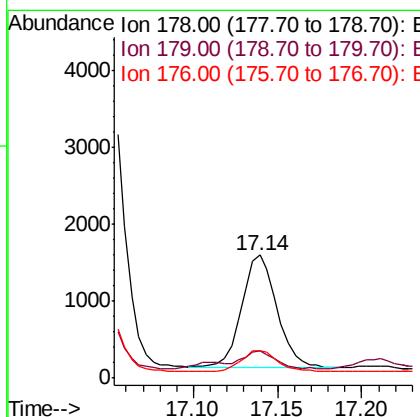
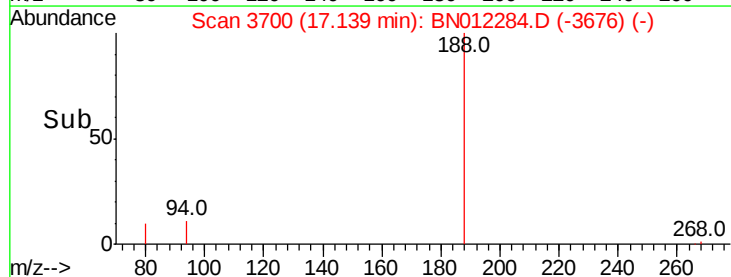
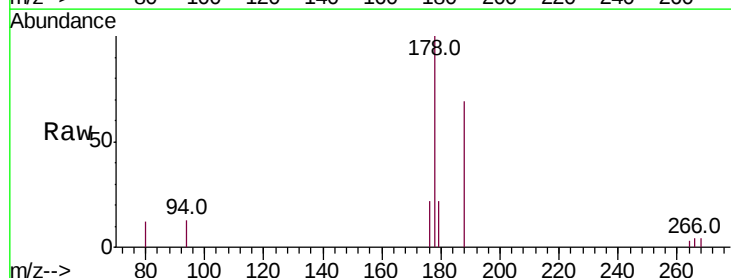
RT: 17.14 min Scan# 3700

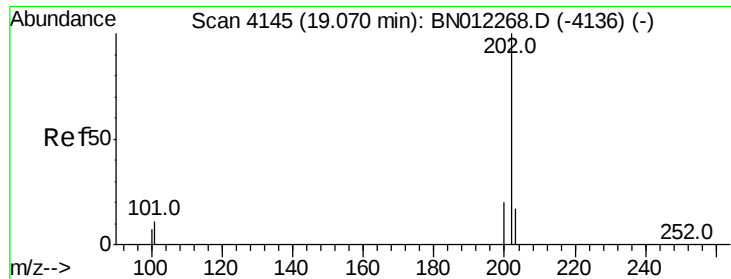
Delta R.T. -0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.0	13.9	20.9#
176	21.7	15.4	23.0





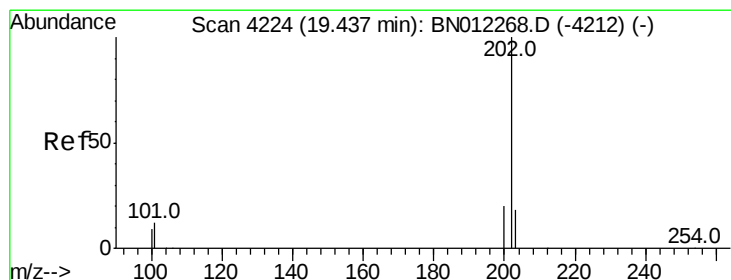
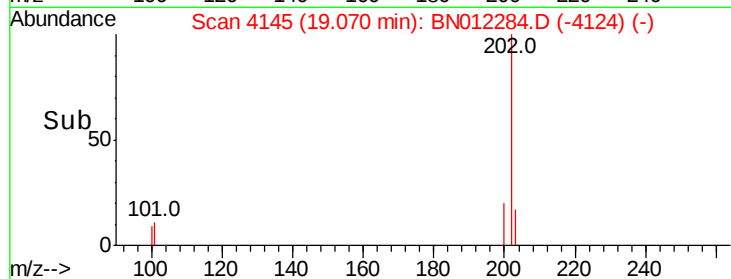
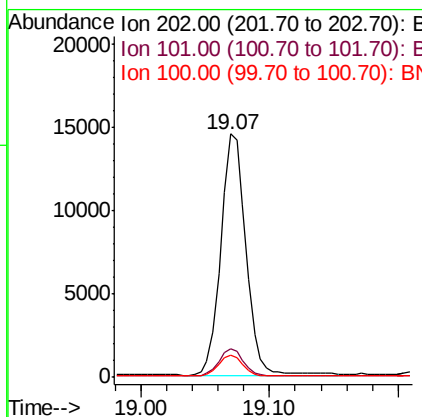
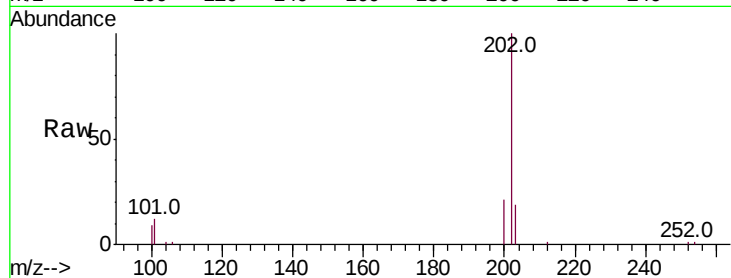
#15
Fluoranthene
 Concen: 0.612 ng/ul
 RT: 19.07 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN012284.D
 Acq: 17 Oct 2020 01:30

Instrument :
 BNA_N
 ClientSampleId :
 C0AS4DL

Tot Ion:	202	Resp:	19726
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.0
100	9.2	0.0	28.7

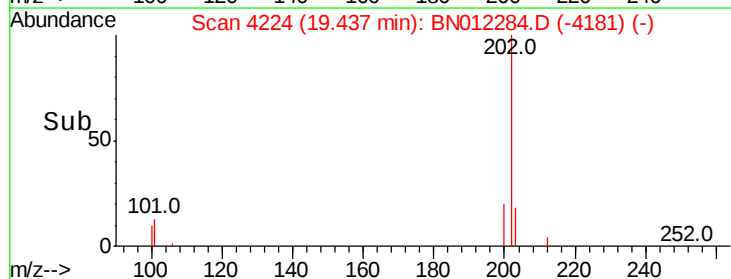
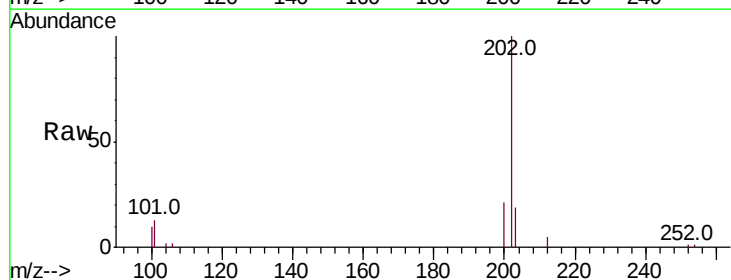
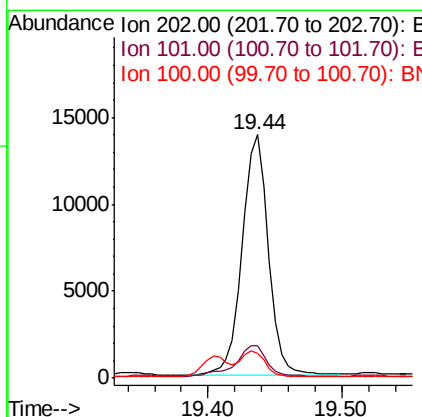
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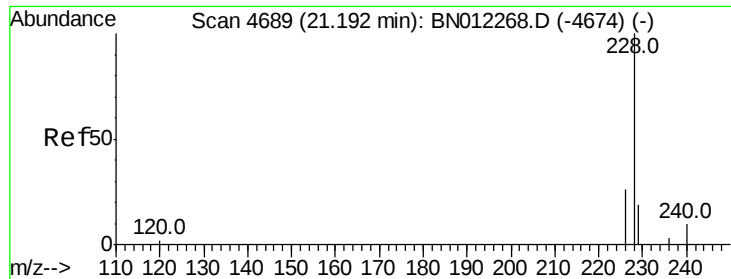
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#17
Pyrene
 Concen: 0.585 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN012284.D
 Acq: 17 Oct 2020 01:30

Tgt Ion:	202	Resp:	18912
Ion Ratio	Lower	Upper	
202	100		
101	13.2	9.9	14.9
100	10.2	8.0	12.0





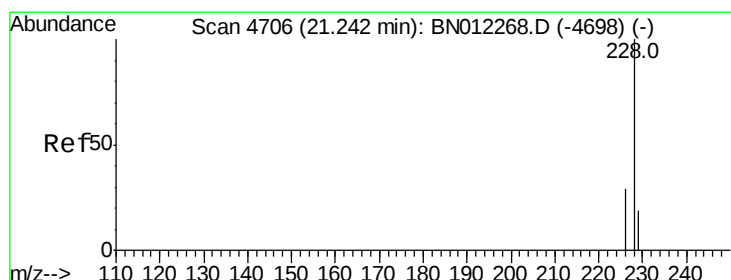
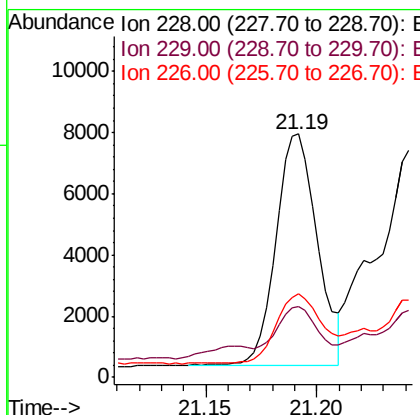
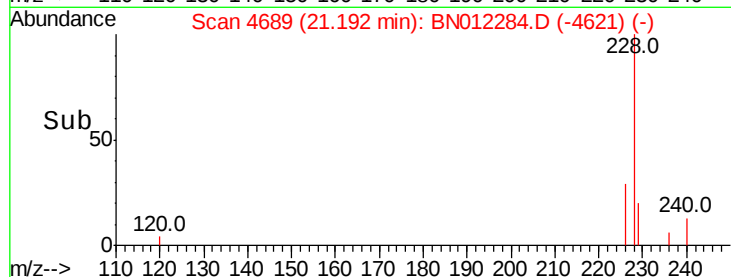
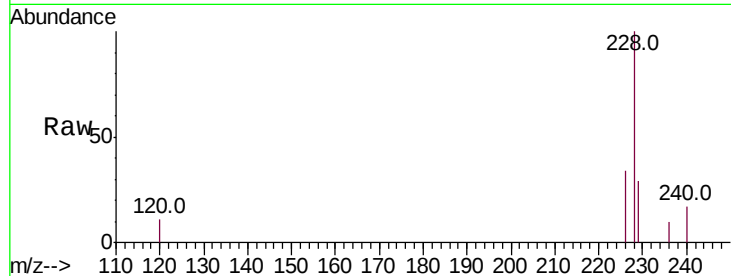
#18
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.00 min
Lab File: BN012284.D
Acq: 17 Oct 2020 01:30

Instrument :
BNA_N
ClientSampleId :
C0AS4DL

Tot Ion:228 Resp: 9764
Ion Ratio Lower Upper
228 100
229 29.3 15.8 23.8#
226 34.3 22.6 33.8#

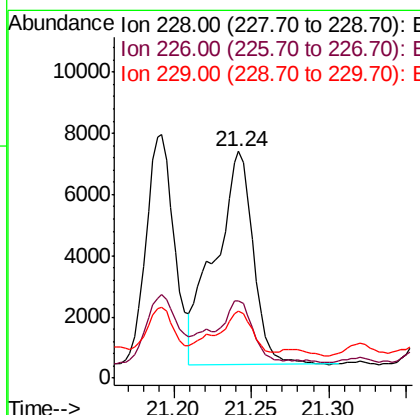
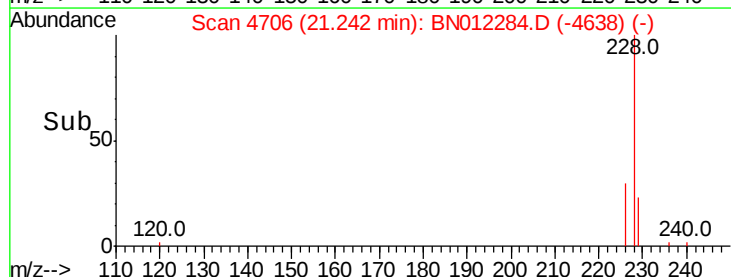
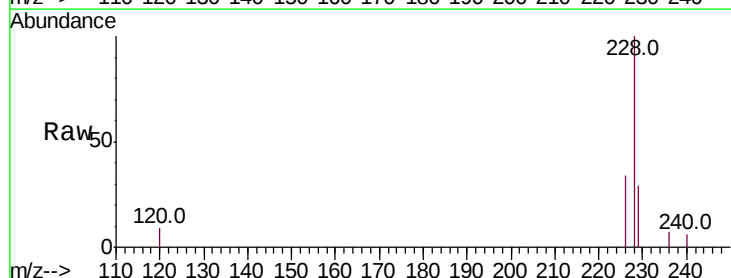
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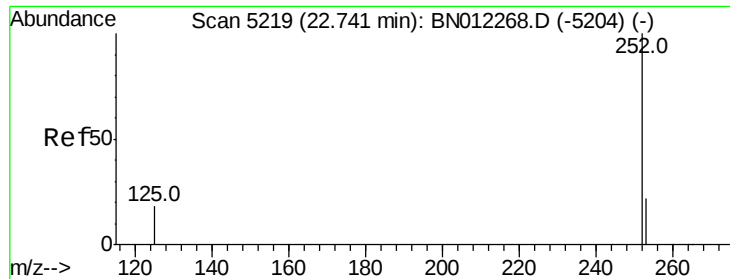
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#19
Chrysene
Concen: 0.371 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN012284.D
Acq: 17 Oct 2020 01:30

Tgt Ion:228 Resp: 12007
Ion Ratio Lower Upper
228 100
226 34.2 24.6 37.0
229 29.4 17.0 25.6#





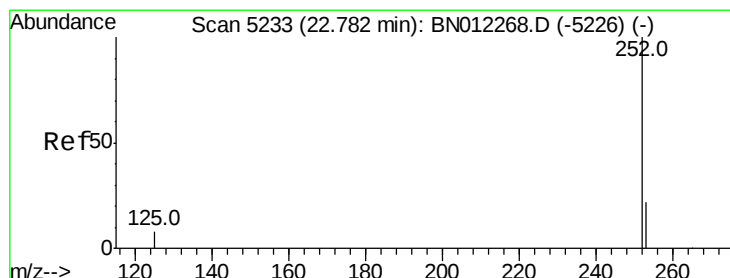
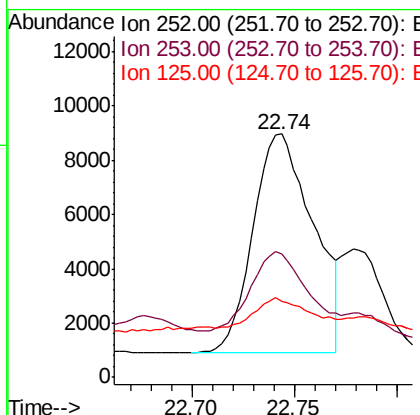
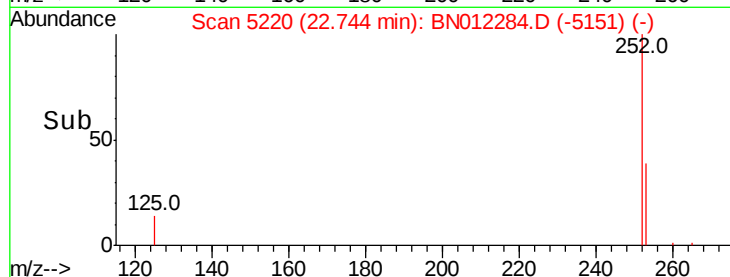
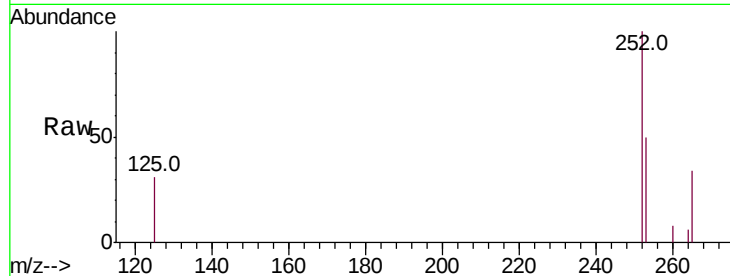
#21
Benzo(b)fluoranthene
Concen: 0.570 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. 0.00 min
Lab File: BN012284.D
Acq: 17 Oct 2020 01:30

Instrument :
BNA_N
ClientSampleId :
C0AS4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.4	0.0	61.6
125	31.4	0.0	36.8

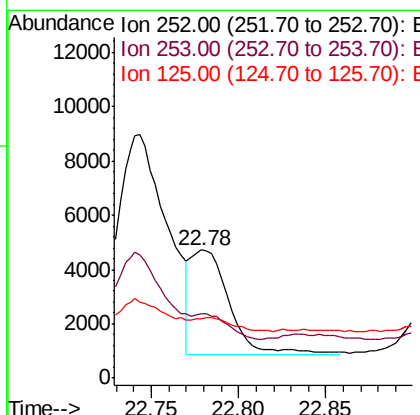
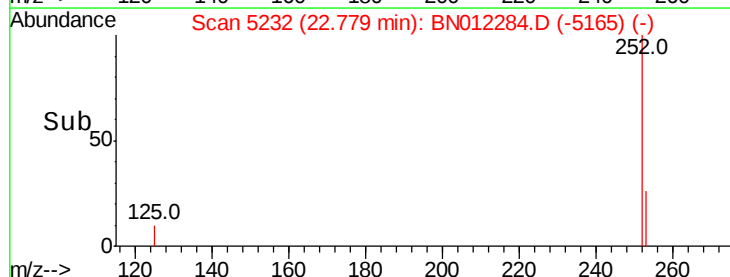
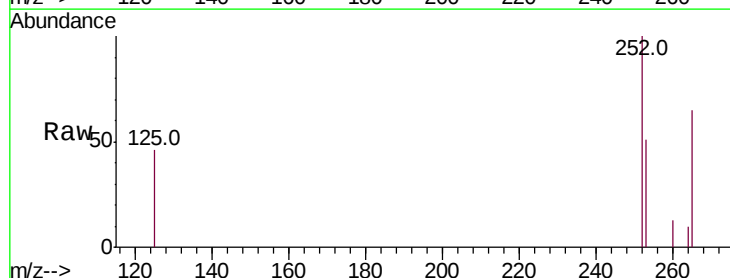
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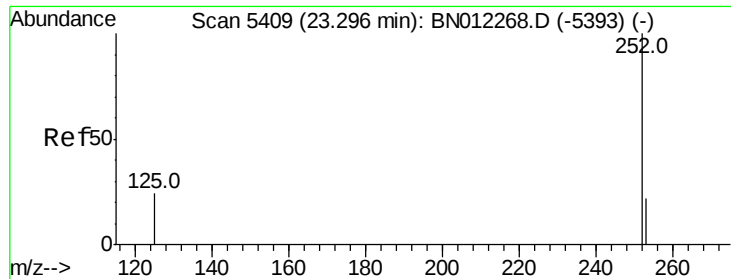
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#22
Benzo(k)fluoranthene
Concen: 0.187 ng/ul m
RT: 22.78 min Scan# 5232
Delta R.T. -0.00 min
Lab File: BN012284.D
Acq: 17 Oct 2020 01:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	50.6	24.4	36.6#
125	45.8	12.9	19.3#





#23

Benzo(a)pyrene

Concen: 0.413 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. 0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

Instrument :

BNA_N

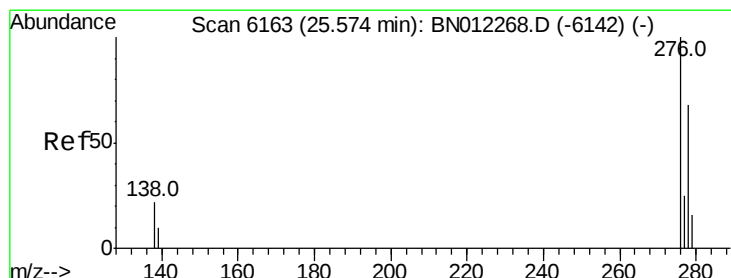
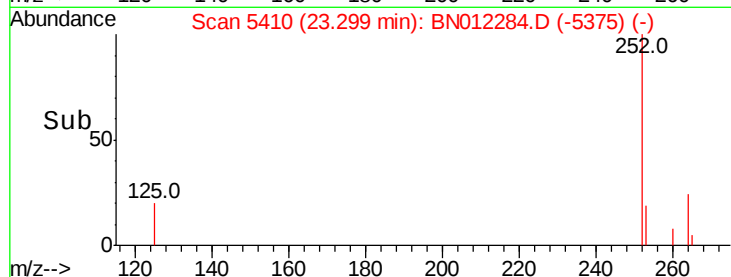
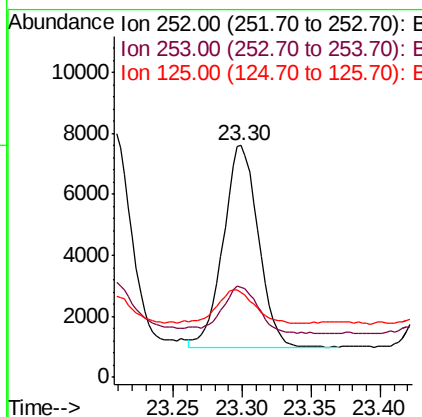
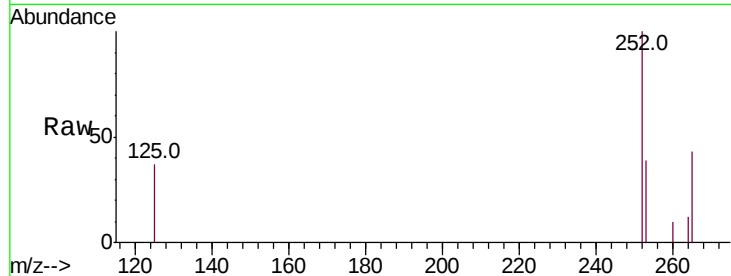
ClientSampleId :

C0AS4DL

Tot Ion:	252	Resp:	11630
Ion Ratio	Lower	Upper	
252	100		
253	38.9	27.0	40.4
125	36.8	18.8	28.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.279 ng/ul

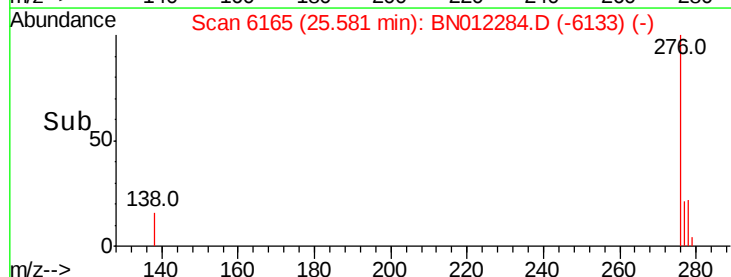
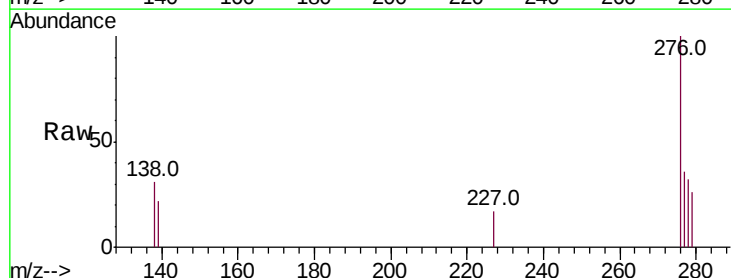
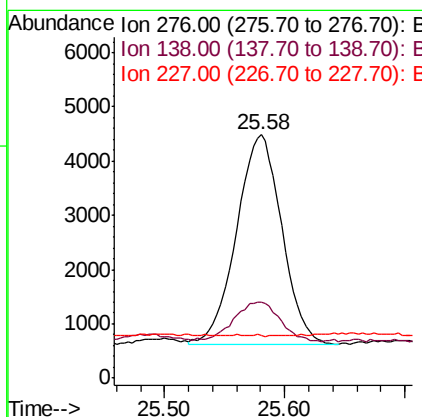
RT: 25.58 min Scan# 6165

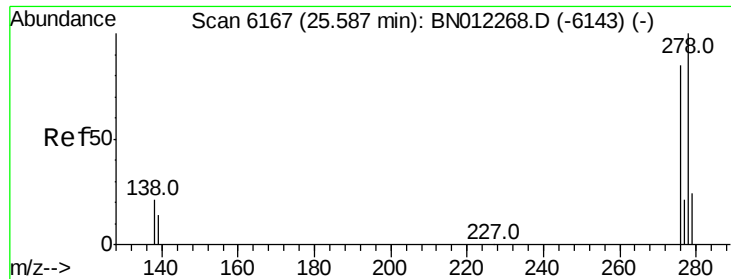
Delta R.T. 0.01 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

Tgt Ion:	276	Resp:	10118
Ion Ratio	Lower	Upper	
276	100		
138	19.1	0.0	0.0#
227	0.0	0.0	0.0





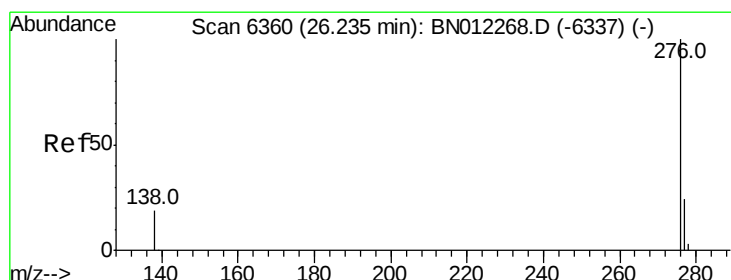
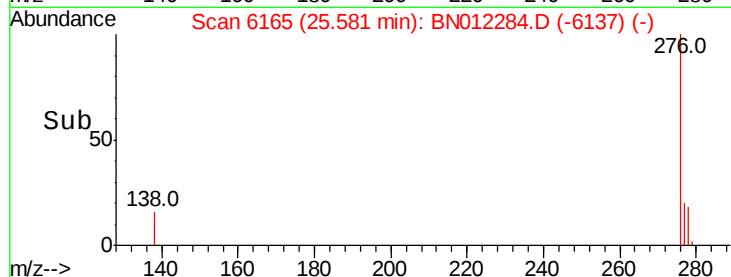
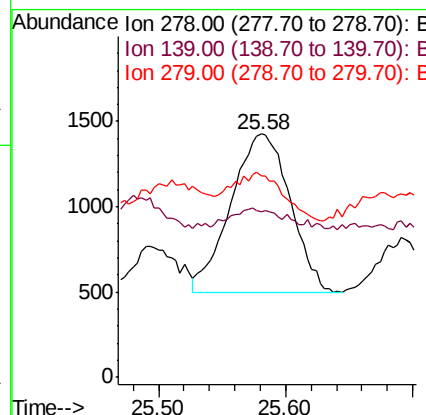
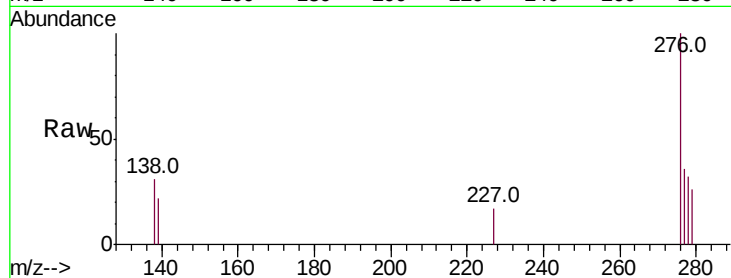
#25
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.01 min
Lab File: BN012284.D
Acq: 17 Oct 2020 01:30

Instrument :
BNA_N
ClientSampleId :
C0AS4DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	68.1	15.7	23.5#
279	82.6	26.0	39.0#

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#26
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 26.25 min Scan# 6364
Delta R.T. 0.01 min
Lab File: BN012284.D
Acq: 17 Oct 2020 01:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	17.1	25.7#
277	33.4	21.1	31.7#

