

Data File : BN012259.D
Acq On : 16 Oct 2020 10:18
Operator : CG/JU
Sample : L4235-08DL 5X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK4DL

Manual Integrations
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Quant Time: Oct 16 11:15:17 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 10:51:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1735	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7327	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4188	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8757	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7720	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	8094	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	256	0.02	ng/ul	0.01
14) Fluoranthene-d10	19.04	212	701	0.03	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.98	152	466	0.026	ng/ul#	68
9) Fluorene	15.31	166	356	0.021	ng/ul#	95
12) Phenanthrene	17.05	178	6126	0.219	ng/ul	99
13) Anthracene	17.14	178	1251	0.052	ng/ul#	88
15) Fluoranthene	19.07	202	13090	0.401	ng/ul	99
17) Pyrene	19.43	202	11517	0.331	ng/ul	97
18) Benzo(a)anthracene	21.19	228	6533	0.228	ng/ul	97
19) Chrysene	21.24	228	7114	0.204	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	9912m	0.303	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	4432m	0.122	ng/ul	
23) Benzo(a)pyrene	23.30	252	6781	0.213	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	5123	0.125	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.57	278	1321	0.040	ng/ul#	48
26) Benzo(g,h,i)perylene	26.24	276	4553	0.122	ng/ul	94

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

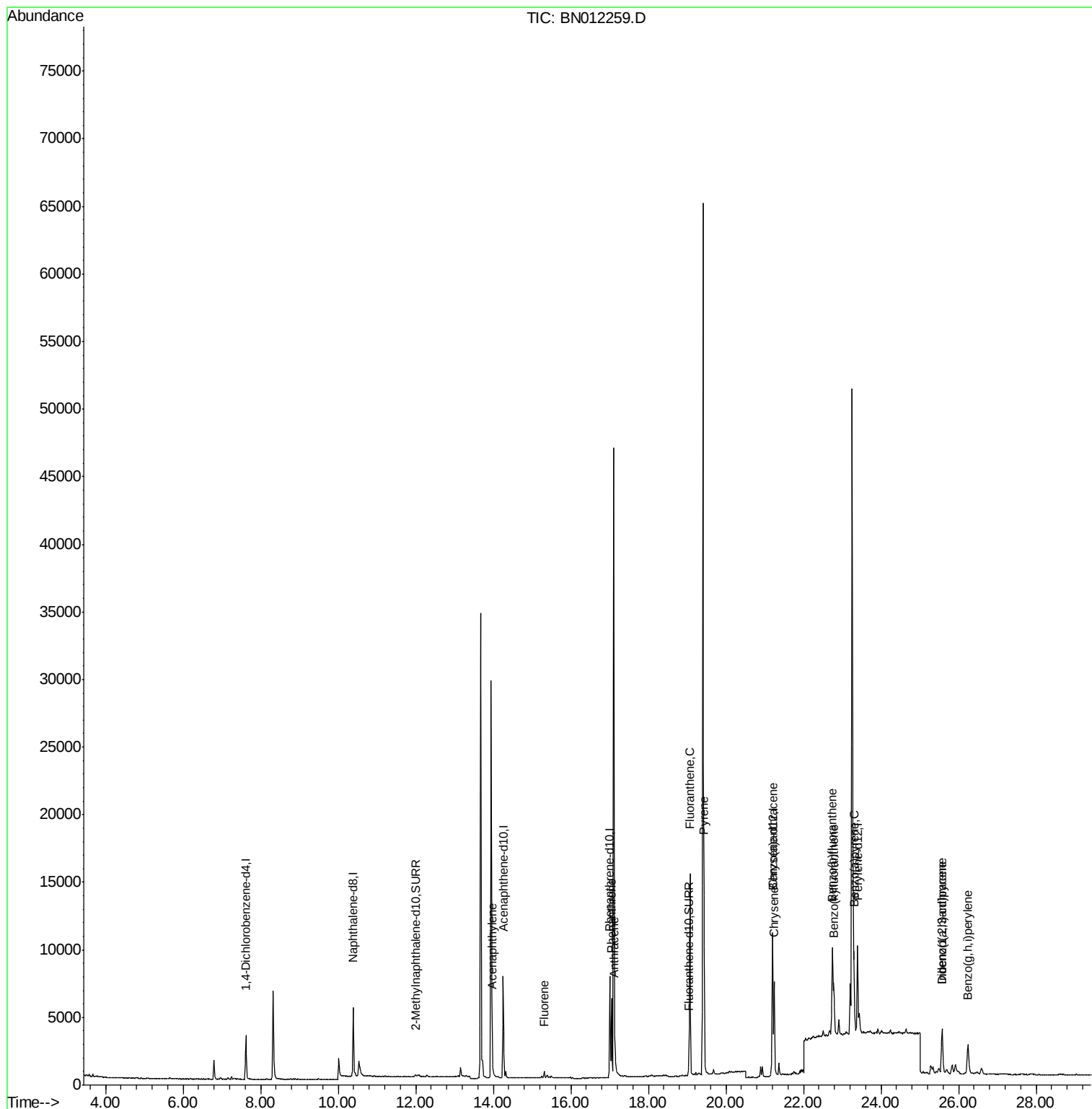
Data File : BN012259.D
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ALS Vial : 71 Sample Multiplier: 1

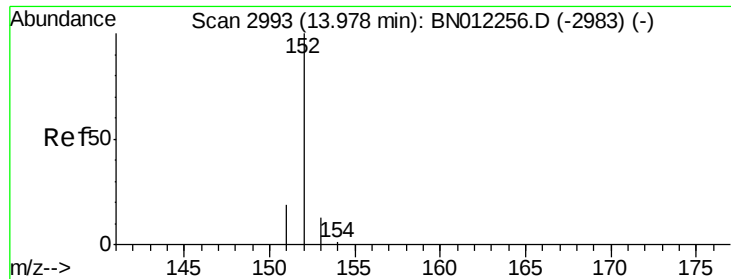
Instrument :
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 10:51:19 2020
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#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Instrument :

BNA_N

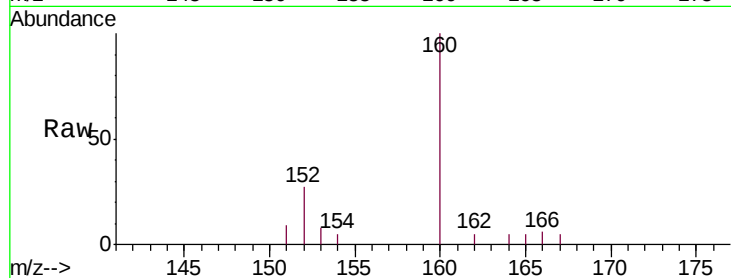
ClientSampleId :

C0AK4DL

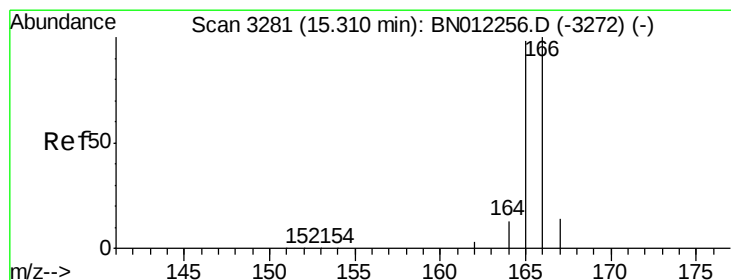
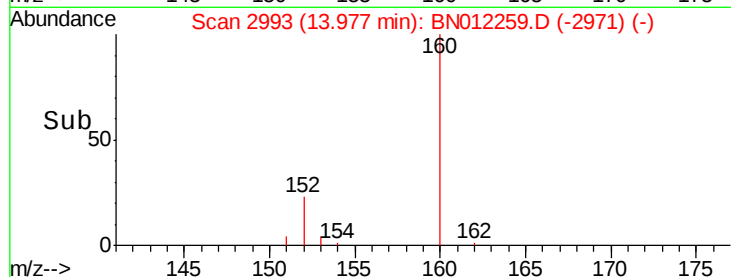
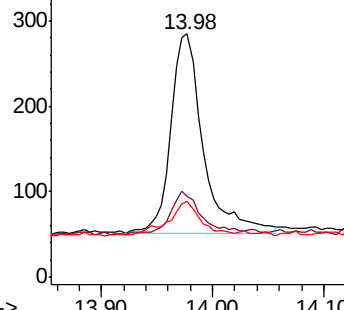
Tgt Ion:	152	Resp:	466
Ion Ratio	Lower	Upper	
152	100		
151	33.3	16.7	25.1#
153	31.2	11.8	17.8#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.31 min Scan# 3281

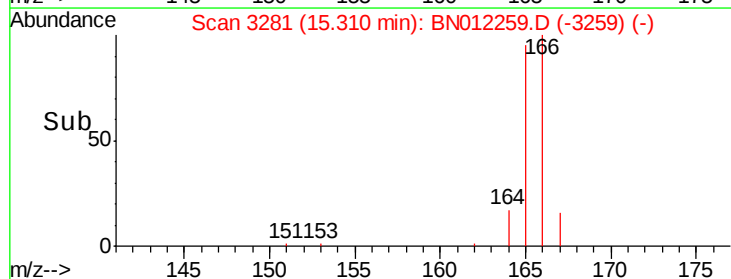
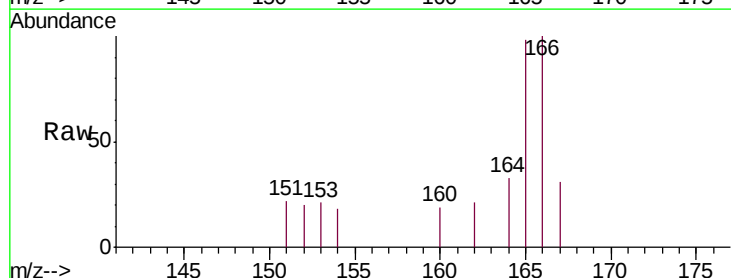
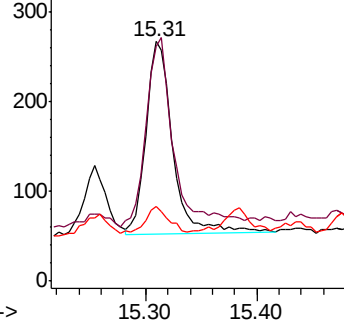
Delta R.T. -0.00 min

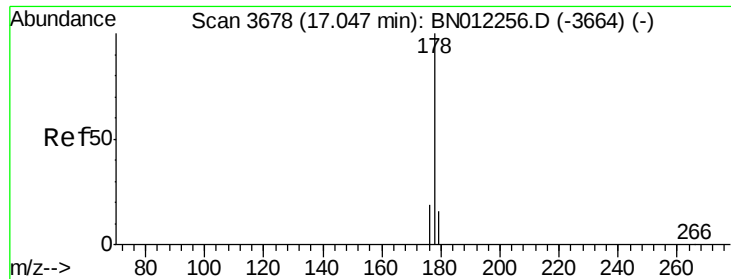
Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Tgt Ion:	166	Resp:	356
Ion Ratio	Lower	Upper	
166	100		
165	98.1	78.6	118.0
167	31.2	11.9	17.9#

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





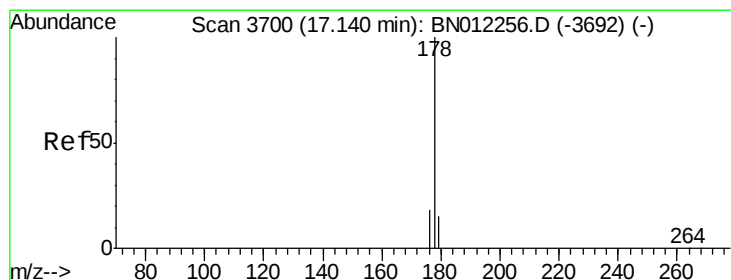
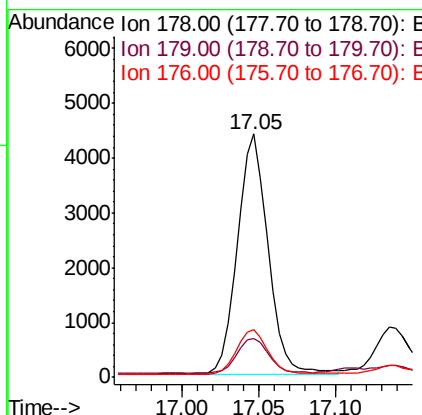
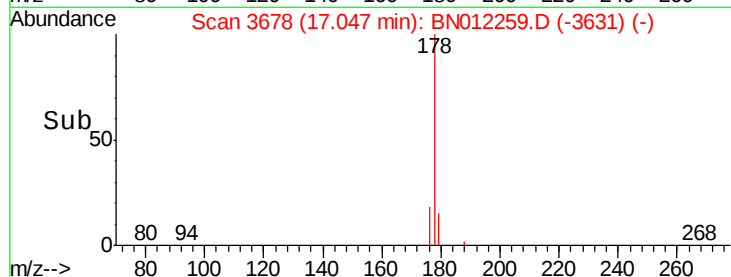
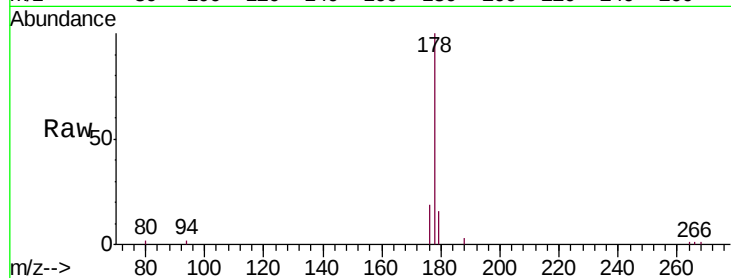
#12
Phenanthrene
Concen: 0.219 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN012259.D
Acq: 16 Oct 2020 10:18

Instrument :
BNA_N
ClientSampleId :
C0AK4DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.4	20.2
176	19.4	15.7	23.5

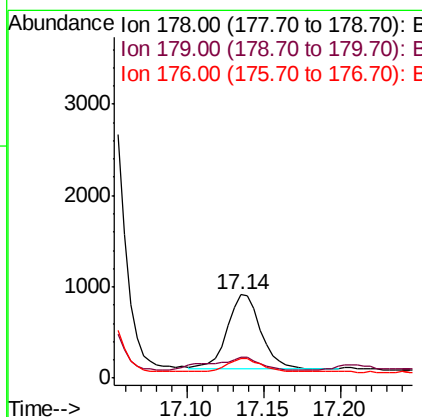
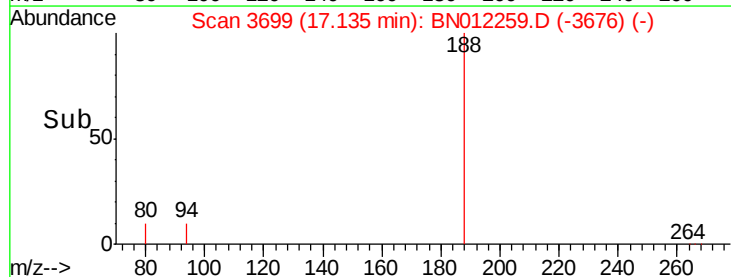
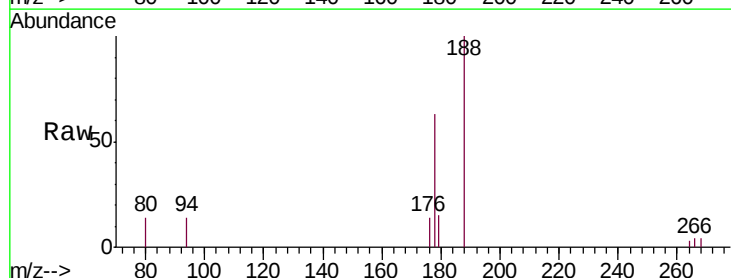
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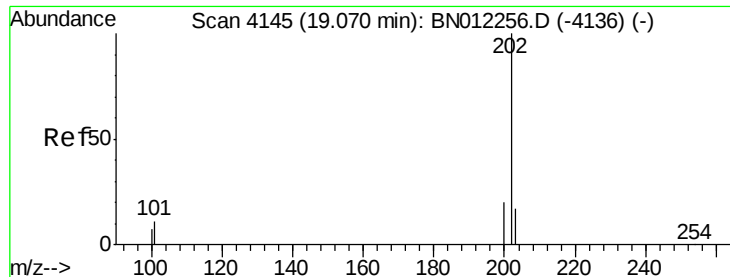
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#13
Anthracene
Concen: 0.052 ng/ul
RT: 17.14 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BN012259.D
Acq: 16 Oct 2020 10:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.6	13.9	20.9#
176	23.0	15.4	23.0





#15

Fluoranthene

Concen: 0.401 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Instrument :

BNA_N

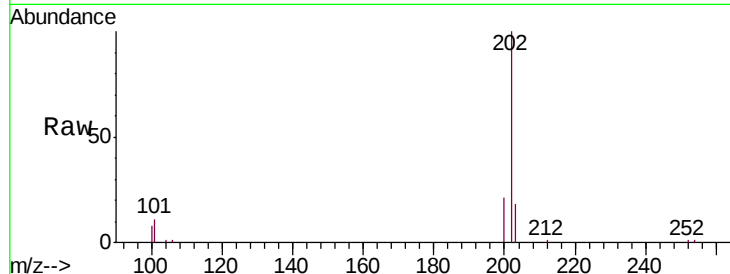
ClientSampleId :

C0AK4DL

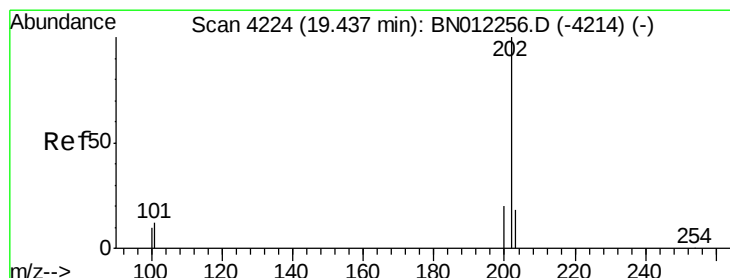
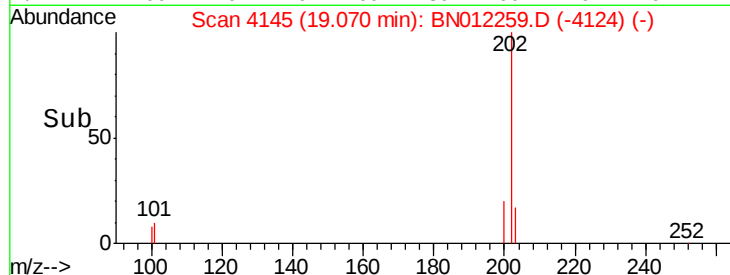
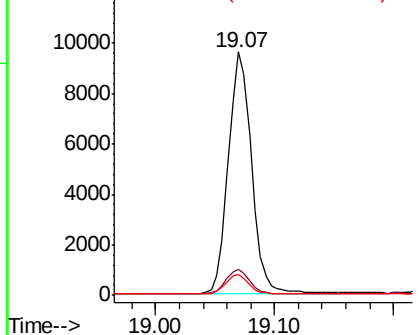
Tgt Ion:	202	Resp:	13090
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.0
100	8.4	0.0	28.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.331 ng/ul

RT: 19.43 min Scan# 4223

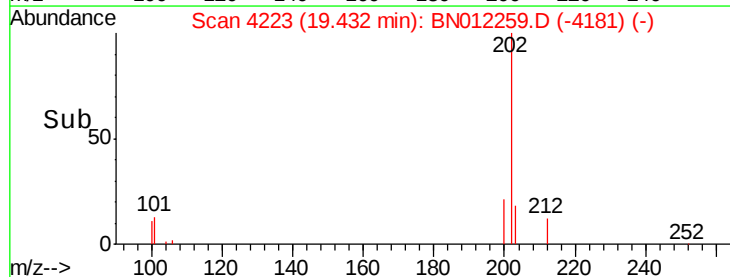
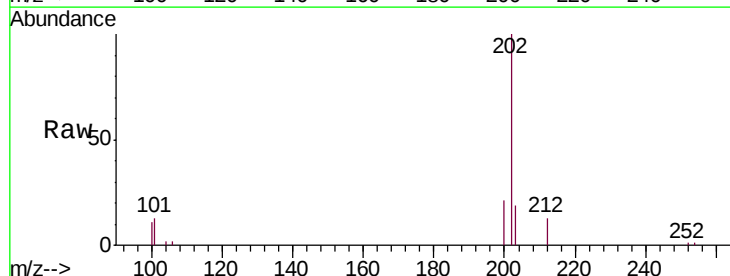
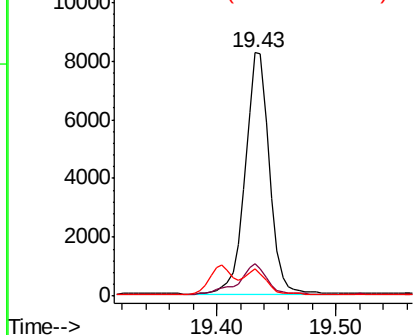
Delta R.T. -0.00 min

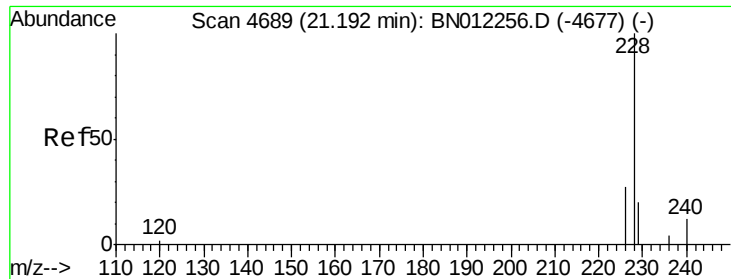
Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Tgt Ion:	202	Resp:	11517
Ion Ratio	Lower	Upper	
202	100		
101	13.5	9.9	14.9
100	11.4	8.0	12.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.228 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Instrument :

BNA_N

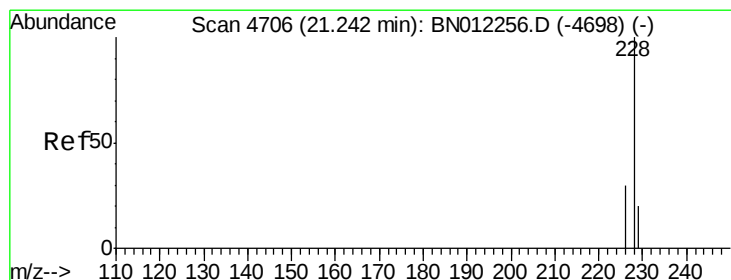
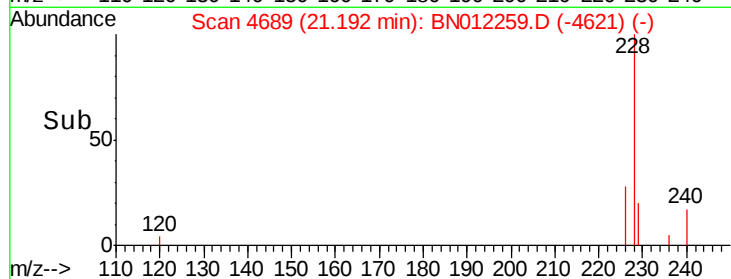
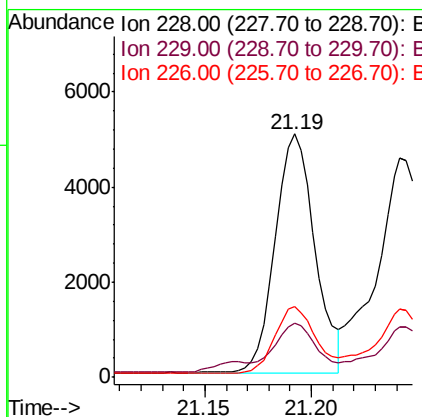
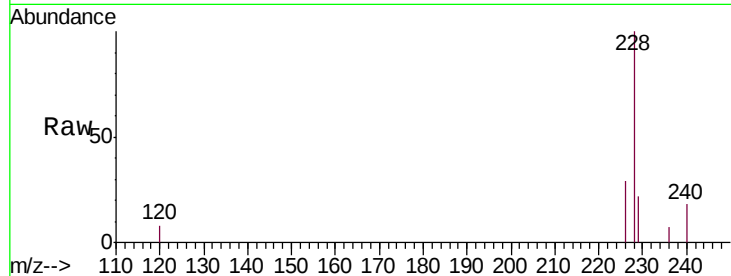
ClientSampleId :

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Tgt Ion:	228	Resp:	6533
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.8	23.8
226	28.8	22.6	33.8

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#19

Chrysene

Concen: 0.204 ng/ul

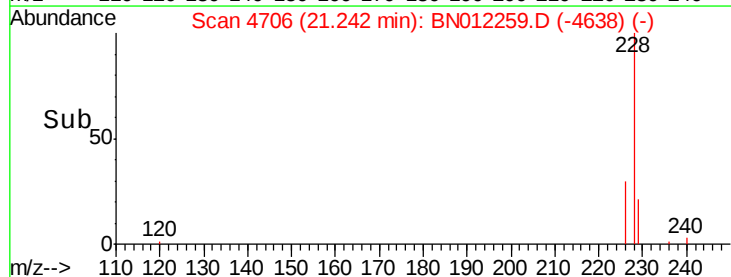
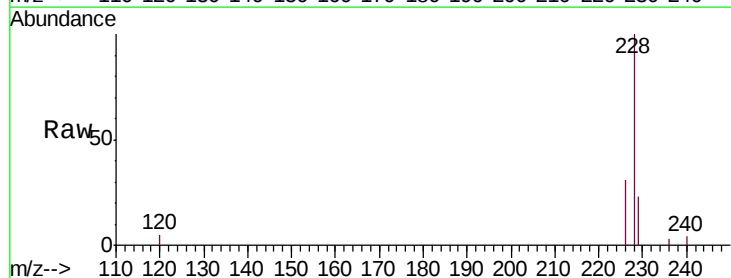
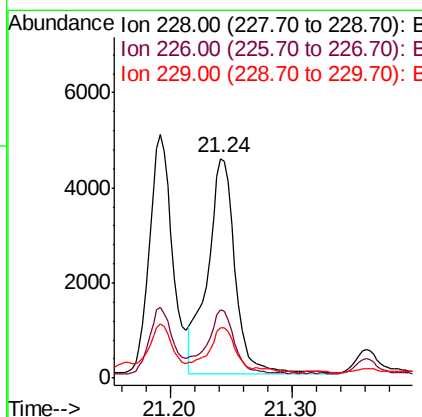
RT: 21.24 min Scan# 4706

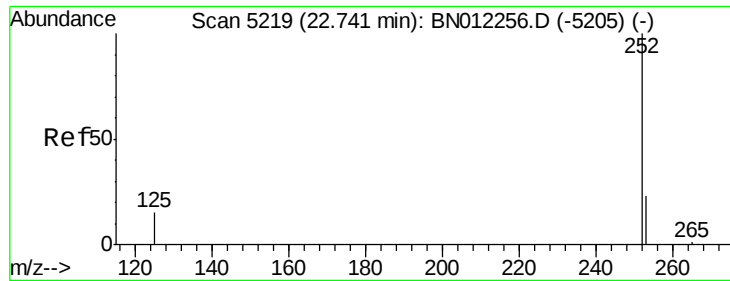
Delta R.T. -0.00 min

Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Tgt Ion:	228	Resp:	7114
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.6	37.0
229	22.7	17.0	25.6





#21

Benzo(b)fluoranthene

Concen: 0.303 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. 0.00 min

Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Instrument :

BNA_N

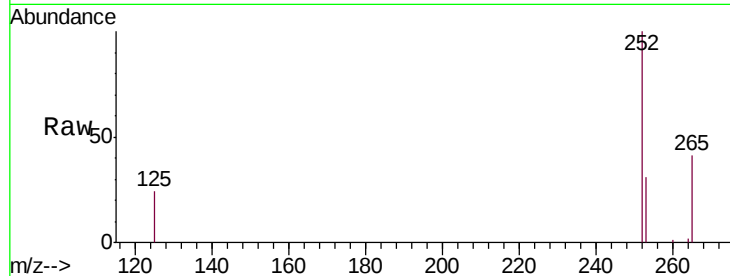
ClientSampleId :

C0AK4DL

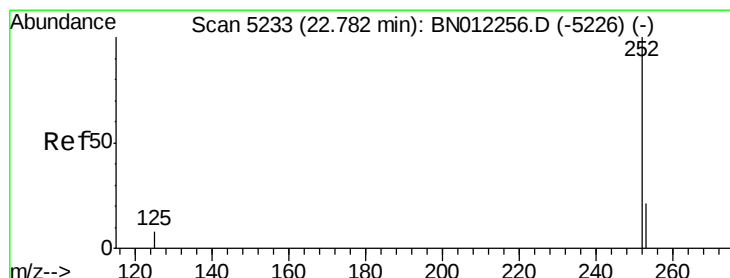
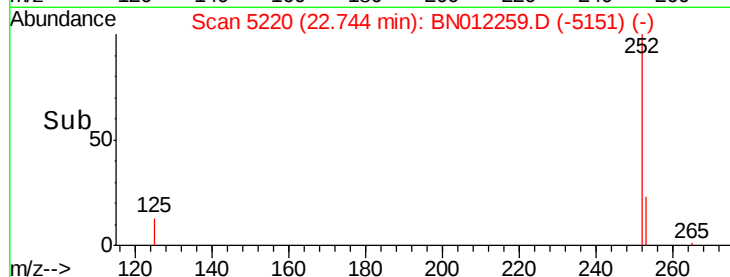
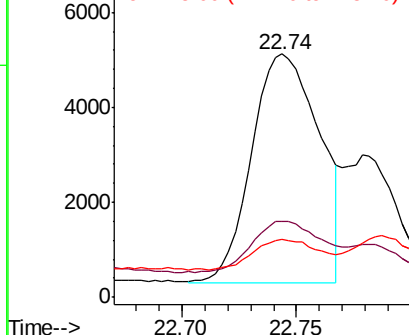
Tgt Ion:	252	Resp:	9912
Ion Ratio	Lower	Upper	
252	100		
253	31.2	0.0	61.6
125	23.8	0.0	36.8

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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



#22

Benzo(k)fluoranthene

Concen: 0.122 ng/ul m

RT: 22.78 min Scan# 5232

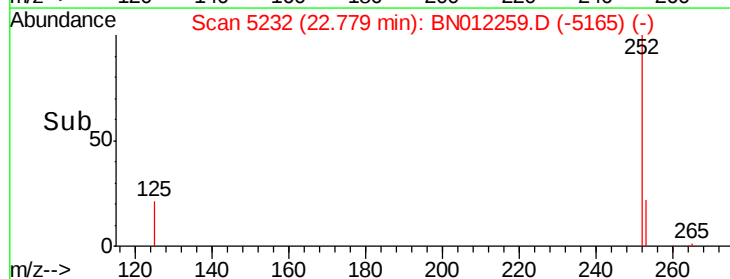
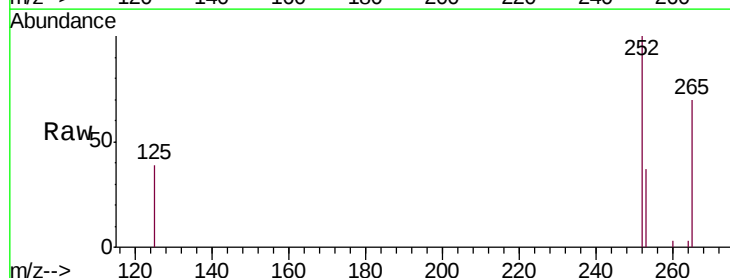
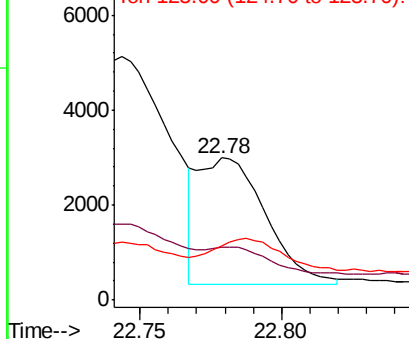
Delta R.T. -0.00 min

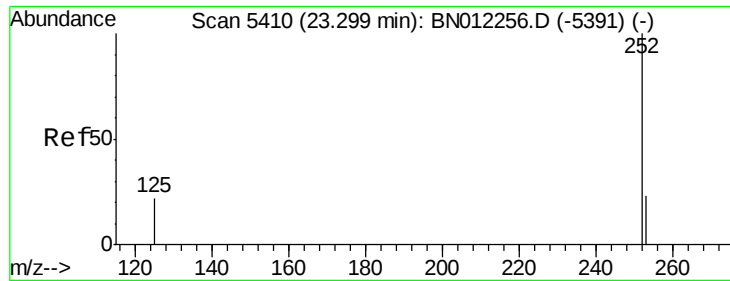
Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Tgt Ion:	252	Resp:	4432
Ion Ratio	Lower	Upper	
252	100		
253	36.8	24.4	36.6#
125	38.5	12.9	19.3#

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





#23

Benzo(a)pyrene

Concen: 0.213 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.00 min

Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Instrument :

BNA_N

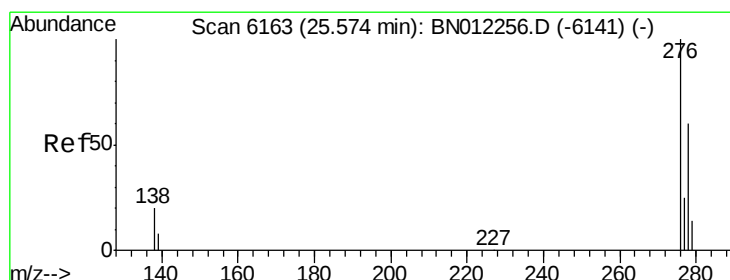
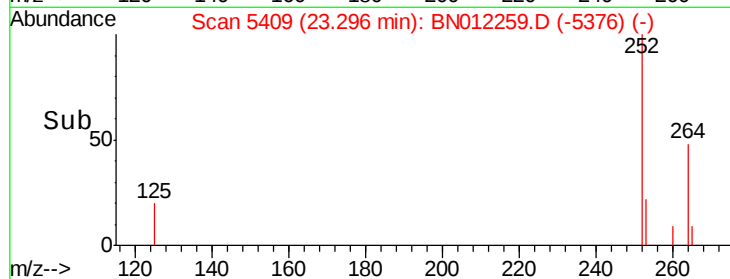
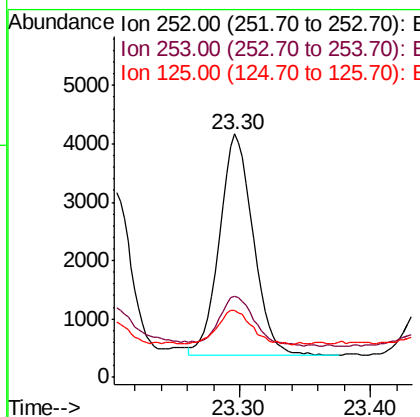
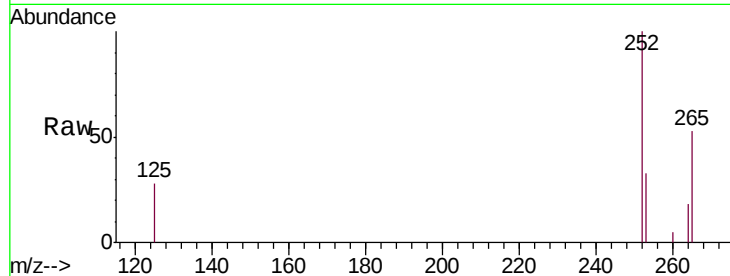
ClientSampleId :

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Tgt Ion:	252	Resp:	6781
Ion Ratio	Lower	Upper	
252	100		
253	33.5	27.0	40.4
125	27.7	18.8	28.2

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.125 ng/ul

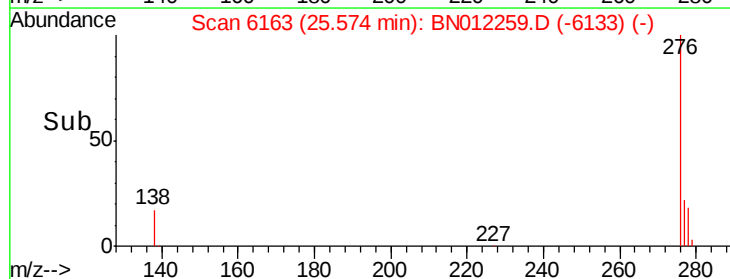
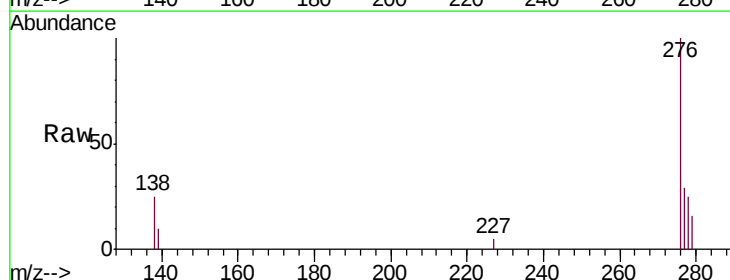
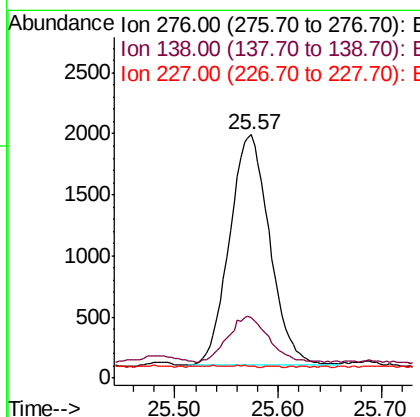
RT: 25.57 min Scan# 6163

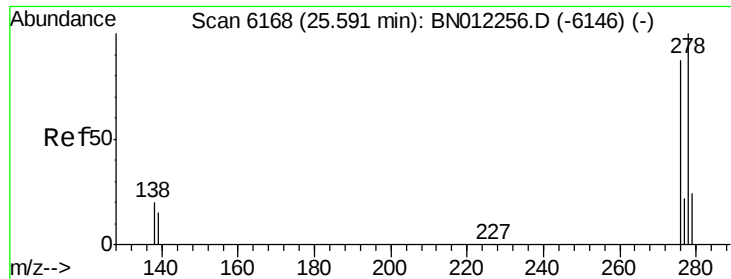
Delta R.T. -0.00 min

Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Tgt Ion:	276	Resp:	5123
Ion Ratio	Lower	Upper	
276	100		
138	20.7	0.0	0.0#
227	0.3	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.040 ng/u1

RT: 25.57 min Scan# 6163

Delta R.T. -0.02 min

Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Instrument :

BNA_N

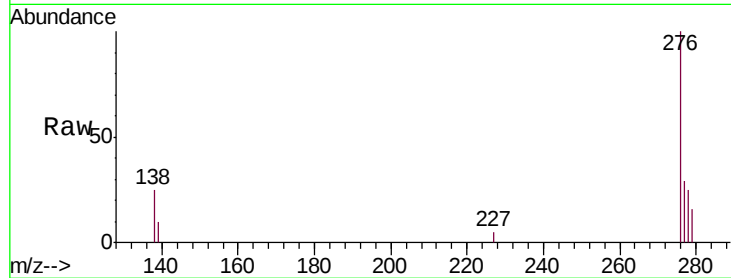
ClientSampleId :

C0AK4DL

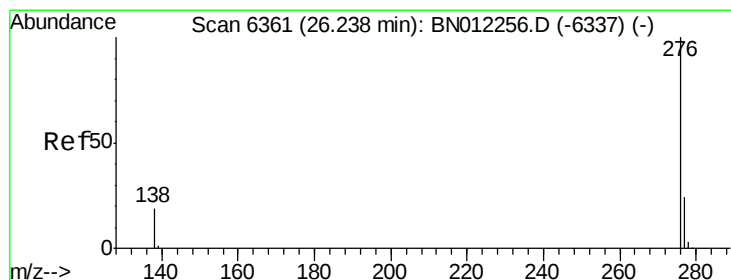
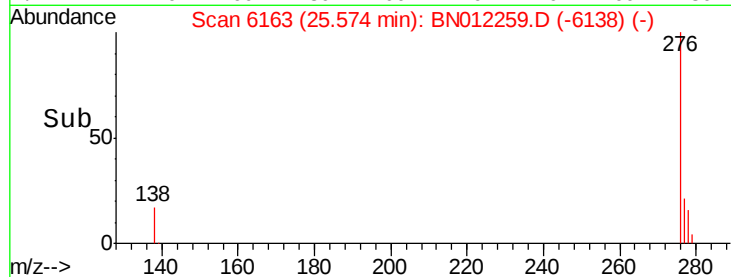
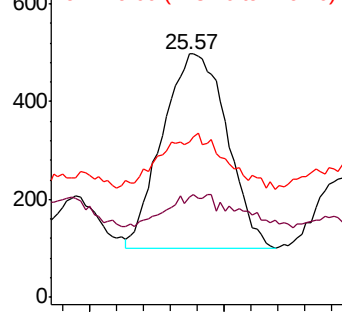
Tgt Ion:	278	Resp:	1321
Ion Ratio	Lower	Upper	
278	100		
139	41.0	15.7	23.5#
279	63.7	26.0	39.0#

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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(g,h,i)perylene

Concen: 0.122 ng/u1

RT: 26.24 min Scan# 6362

Delta R.T. 0.00 min

Lab File: BN012259.D

Acq: 16 Oct 2020 10:18

Tgt Ion:	276	Resp:	4553
Ion Ratio	Lower	Upper	
276	100		
138	25.6	17.1	25.7
277	28.4	21.1	31.7

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

