

Data File : BN012260.D
Acq On : 16 Oct 2020 10:55
Operator : CG/JU
Sample : L4235-16DL 5X
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AQ2DL

Manual Integrations
APPROVED

mohammad
10/19/2020 1:21:05 PM

Quant Time: Oct 16 11:45:51 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	2347	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	9780	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	5607	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11461	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	9529	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	9634	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	415	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.04	212	944	0.03	ng/ul	0.00

Target Compounds				Qvalue		
12) Phenanthrene	17.05	178	3914	0.107	ng/ul	98
13) Anthracene	17.14	178	638	0.020	ng/ul#	76
15) Fluoranthene	19.07	202	12587	0.295	ng/ul	99
17) Pyrene	19.43	202	10789	0.251	ng/ul	97
18) Benzo(a)anthracene	21.19	228	4916	0.139	ng/ul	97
19) Chrysene	21.24	228	7149	0.166	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	9862m	0.253	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	4047m	0.094	ng/ul	
23) Benzo(a)pyrene	23.30	252	5493	0.145	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.57	276	4429	0.091	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	1041	0.027	ng/ul#	44
26) Benzo(g,h,i)perylene	26.24	276	4077	0.091	ng/ul	94

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

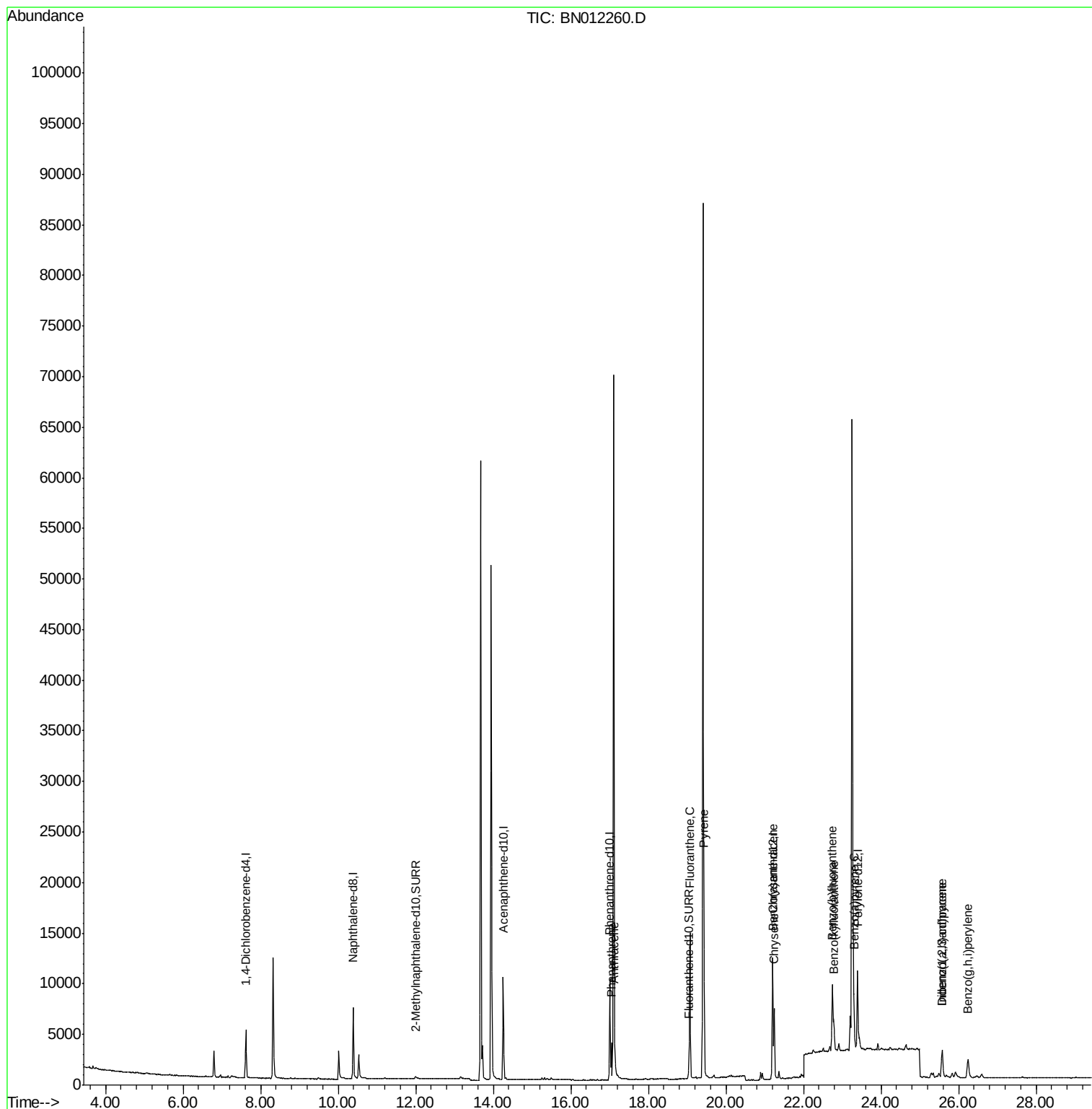
Data File : BN012260.D
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Misc :
ALS Vial : 72 Sample Multiplier: 1

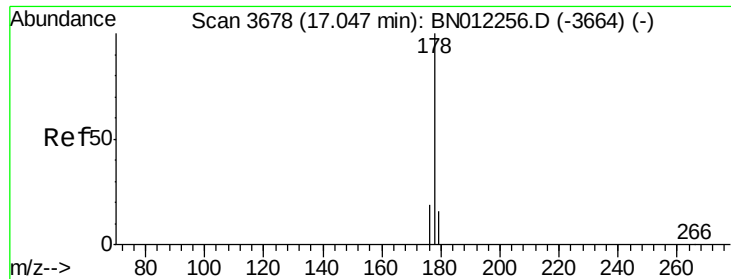
Instrument :
BNA_N
ClientSampleId :
C0AQ2DL

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Quant Time: Oct 16 11:45:51 2020
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#12

Phenanthrene

Concen: 0.107 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012260.D

Acq: 16 Oct 2020 10:55

Instrument :

BNA_N

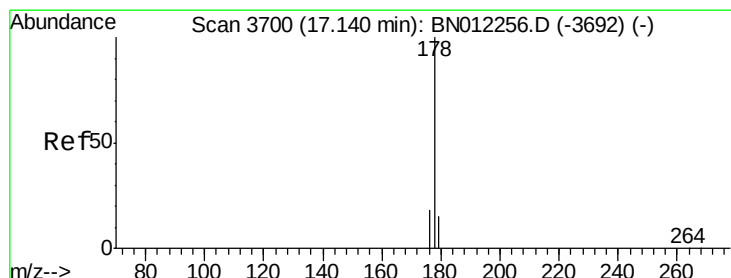
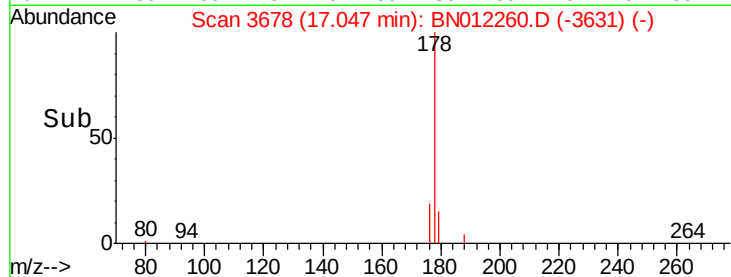
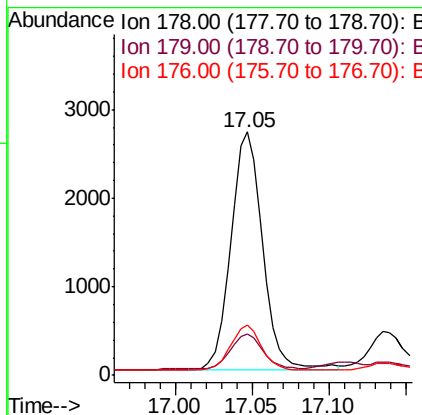
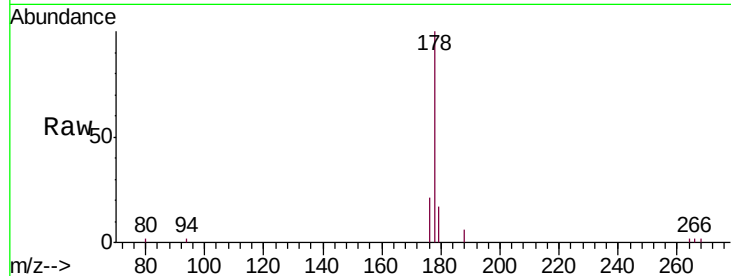
ClientSampleId :

C0AQ2DL

Tgt Ion:	178	Resp:	3914
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.4	20.2
176	20.6	15.7	23.5

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#13

Anthracene

Concen: 0.020 ng/ul

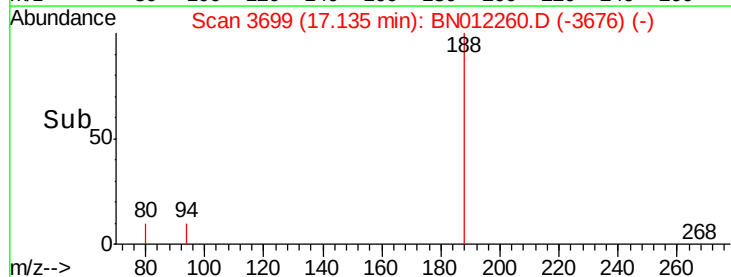
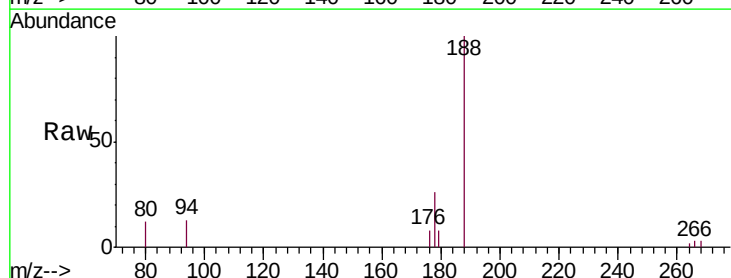
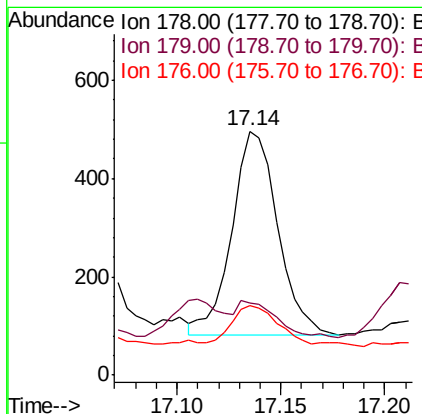
RT: 17.14 min Scan# 3699

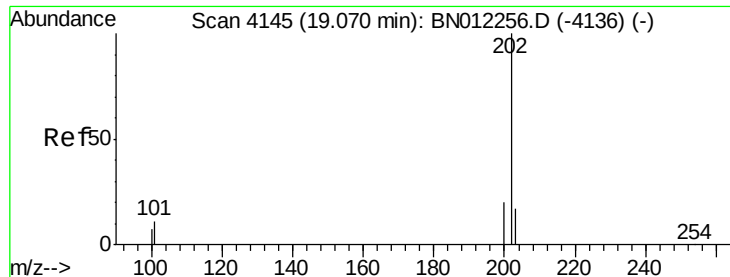
Delta R.T. -0.00 min

Lab File: BN012260.D

Acq: 16 Oct 2020 10:55

Tgt Ion:	178	Resp:	638
Ion Ratio	Lower	Upper	
178	100		
179	29.6	13.9	20.9#
176	28.6	15.4	23.0#





#15

Fluoranthene

Concen: 0.295 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN012260.D

Acq: 16 Oct 2020 10:55

Instrument :

BNA_N

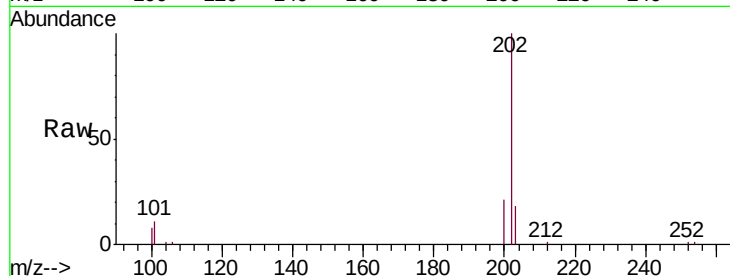
ClientSampleId :

C0AQ2DL

Tgt Ion:	202	Resp:	12587
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.0
100	8.2	0.0	28.7

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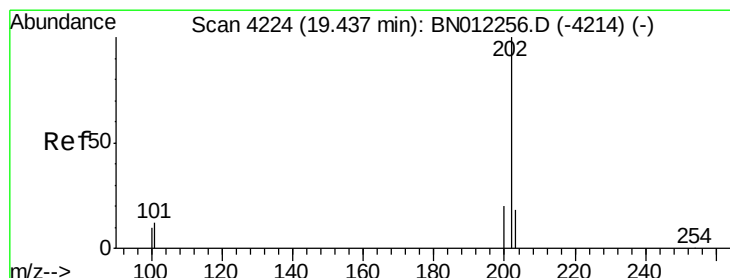
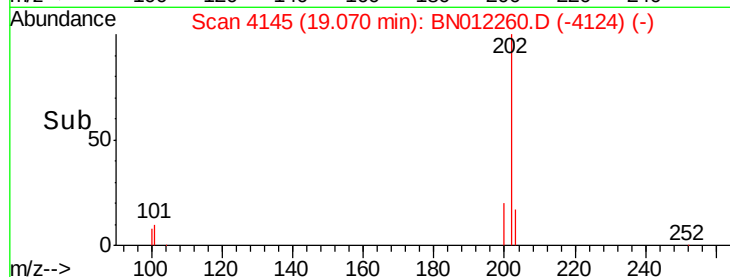
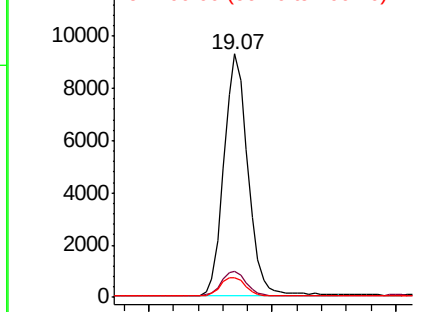


Abundance

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: 0.251 ng/ul

RT: 19.43 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN012260.D

Acq: 16 Oct 2020 10:55

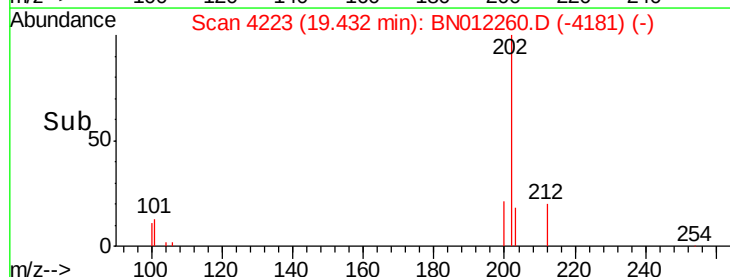
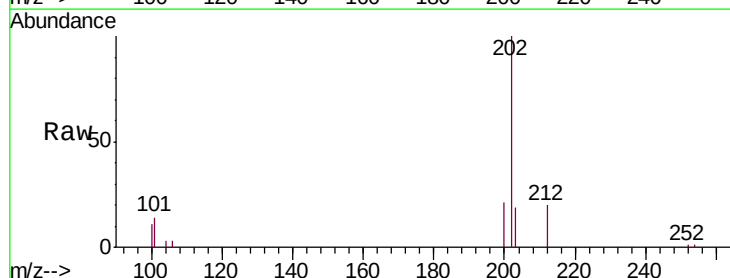
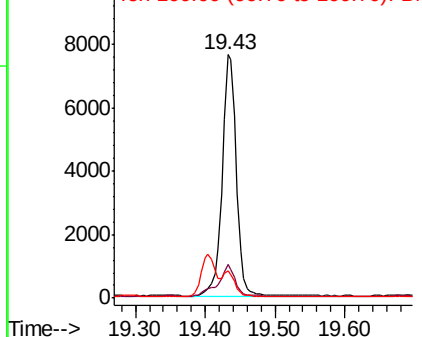
Tgt Ion:	202	Resp:	10789
Ion Ratio	Lower	Upper	
202	100		
101	13.8	9.9	14.9
100	11.1	8.0	12.0

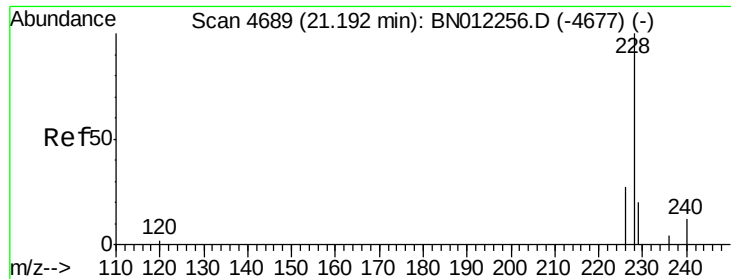
Abundance

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





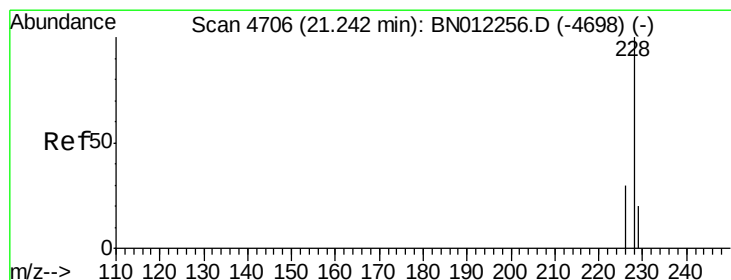
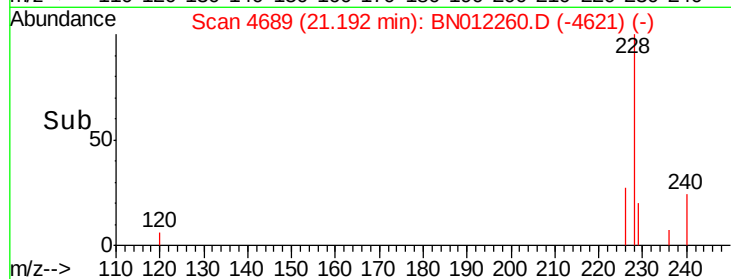
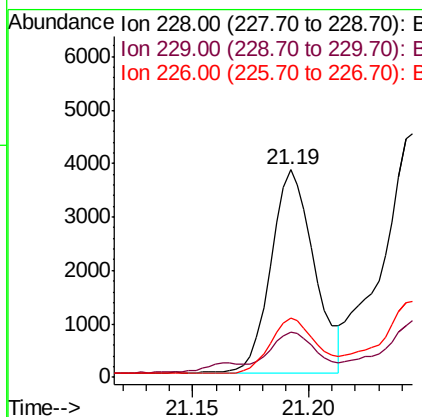
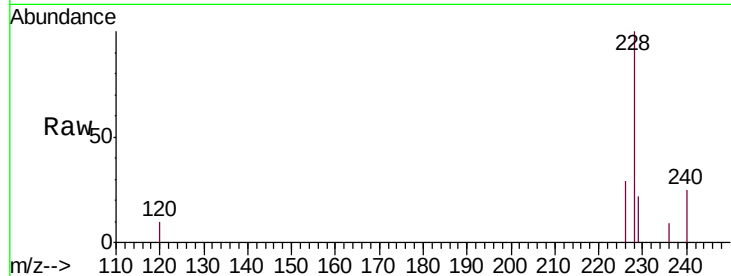
#18
Benzo(a)anthracene
Concen: 0.139 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.00 min
Lab File: BN012260.D
Acq: 16 Oct 2020 10:55

Instrument :
BNA_N
ClientSampleId :
C0AQ2DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.8	23.8
226	28.8	22.6	33.8

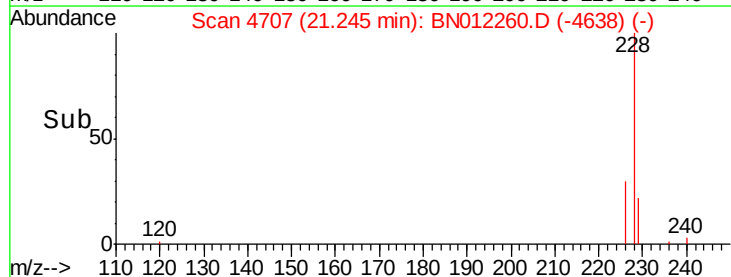
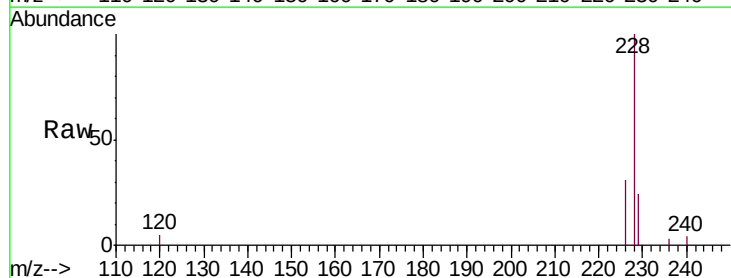
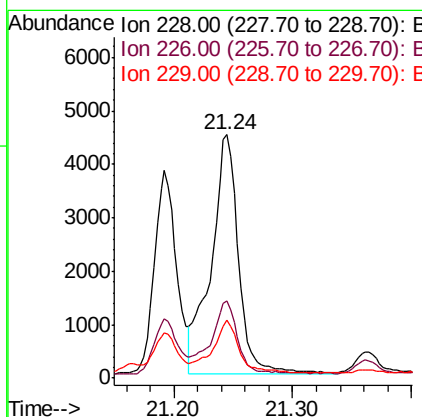
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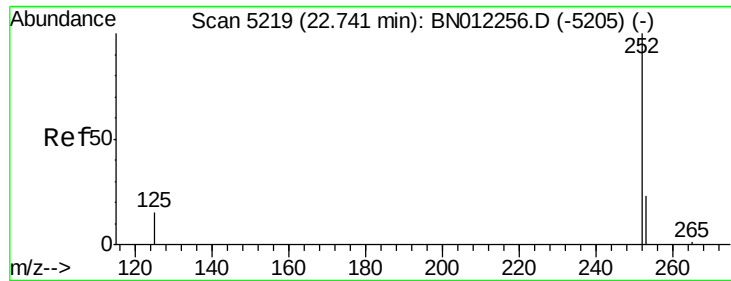
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#19
Chrysene
Concen: 0.166 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BN012260.D
Acq: 16 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	23.6	17.0	25.6





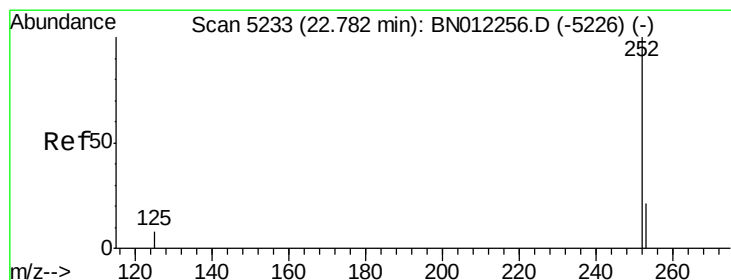
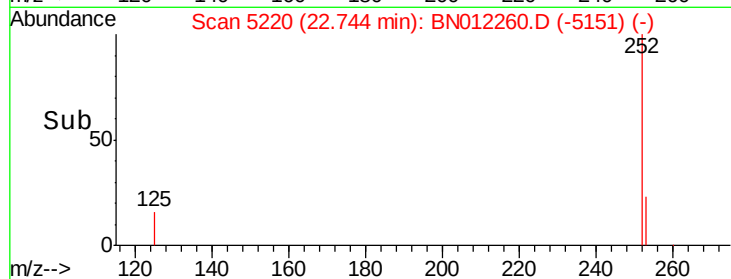
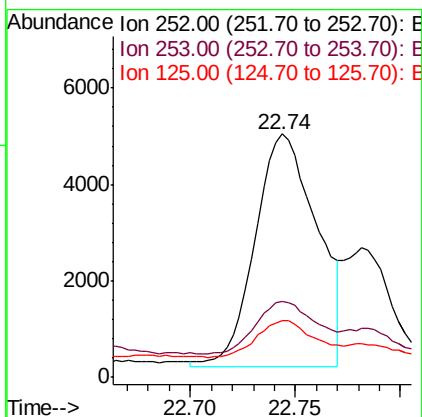
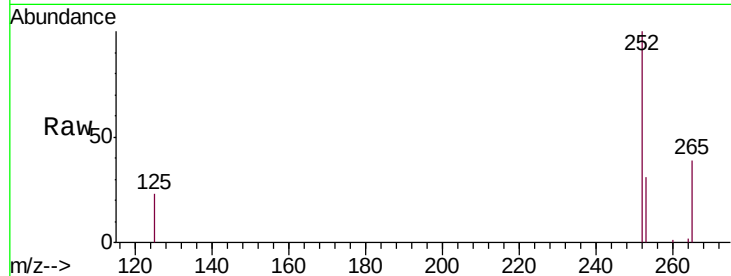
#21
Benzo(b)fluoranthene
Concen: 0.253 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. 0.00 min
Lab File: BN012260.D
Acq: 16 Oct 2020 10:55

Instrument :
BNA_N
ClientSampleId :
C0AQ2DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.0	0.0	61.6
125	23.4	0.0	36.8

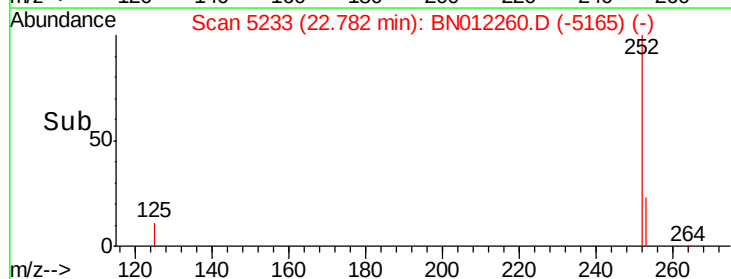
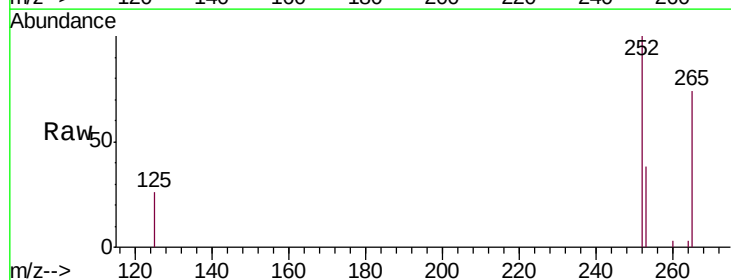
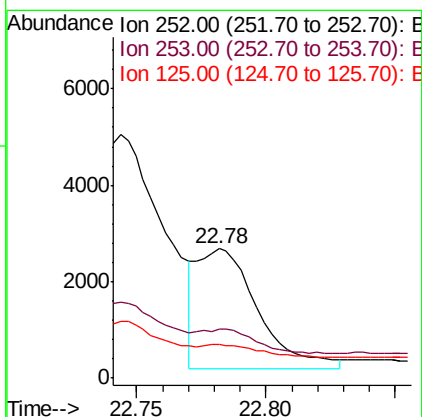
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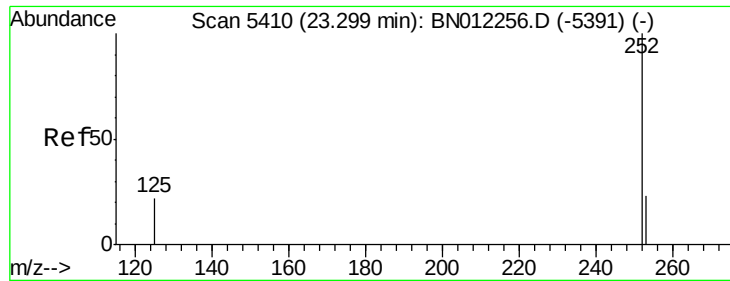
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#22
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 22.78 min Scan# 5233
Delta R.T. -0.00 min
Lab File: BN012260.D
Acq: 16 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.2	24.4	36.6#
125	26.0	12.9	19.3#





#23

Benzo(a)pyrene

Concen: 0.145 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.00 min

Lab File: BN012260.D

Acq: 16 Oct 2020 10:55

Instrument :

BNA_N

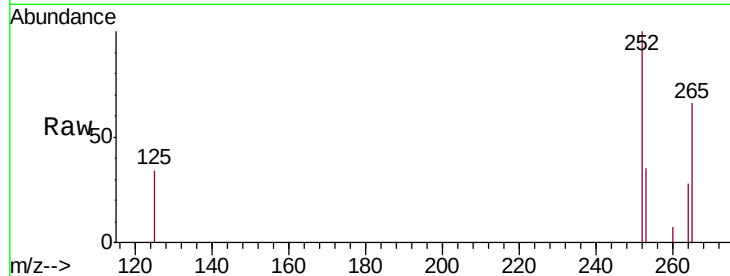
ClientSampleId :

C0AQ2DL

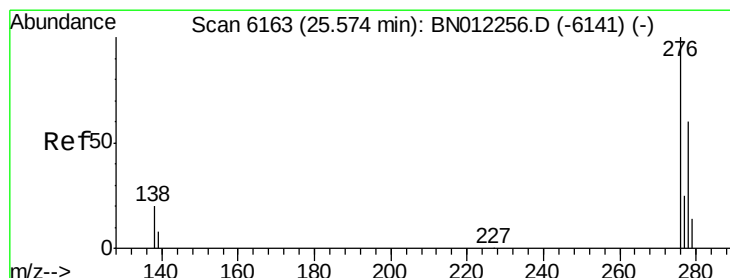
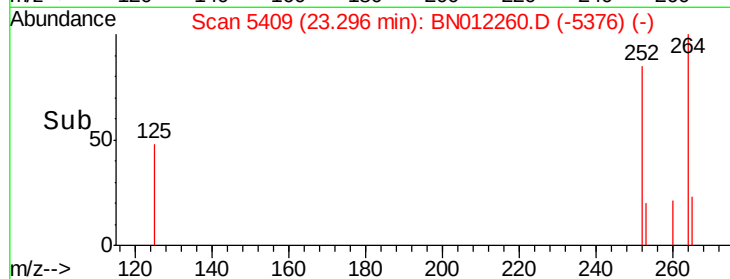
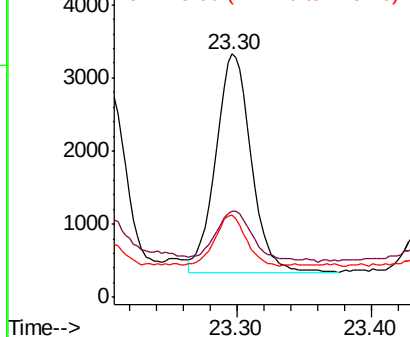
Tgt Ion:	252	Resp:	5493
Ion Ratio	Lower	Upper	
252	100		
253	35.4	27.0	40.4
125	33.8	18.8	28.2#

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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: 0.091 ng/ul

RT: 25.57 min Scan# 6162

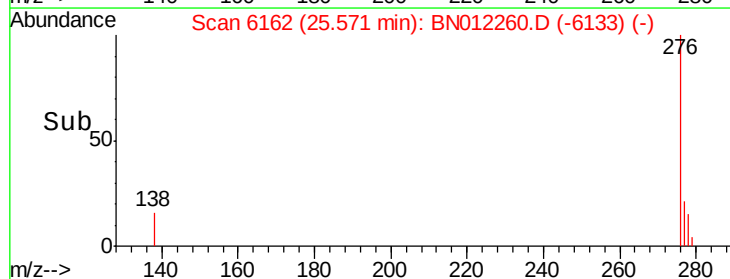
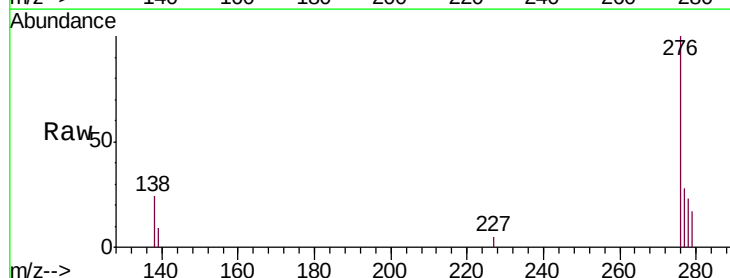
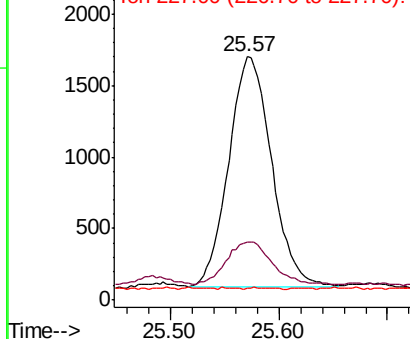
Delta R.T. -0.00 min

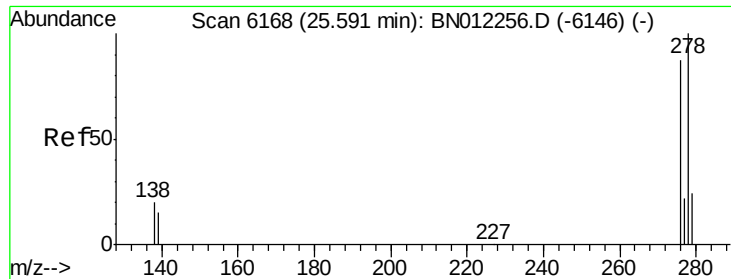
Lab File: BN012260.D

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Tgt Ion:	276	Resp:	4429
Ion Ratio	Lower	Upper	
276	100		
138	19.7	0.0	0.0#
227	0.3	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





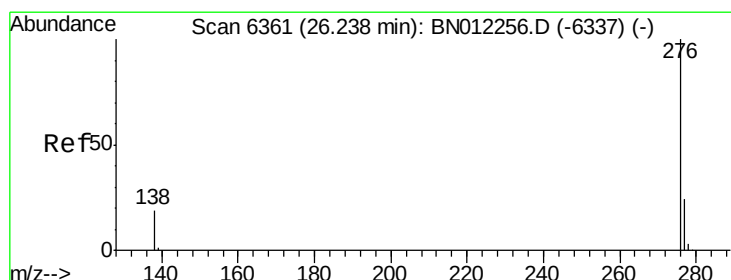
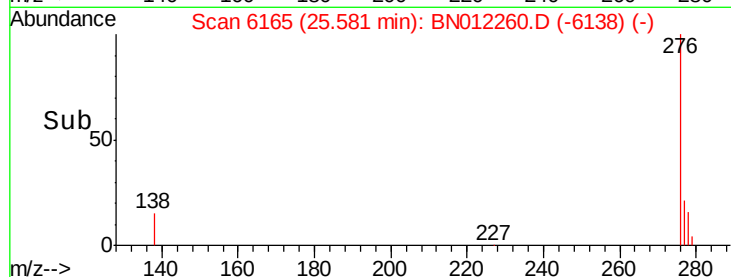
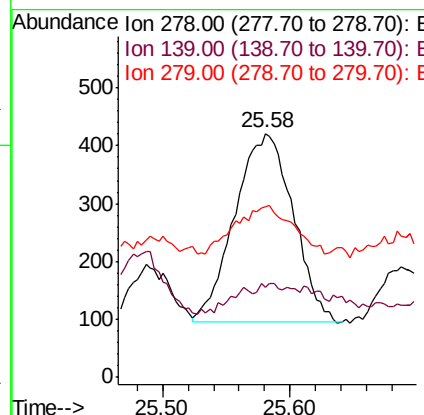
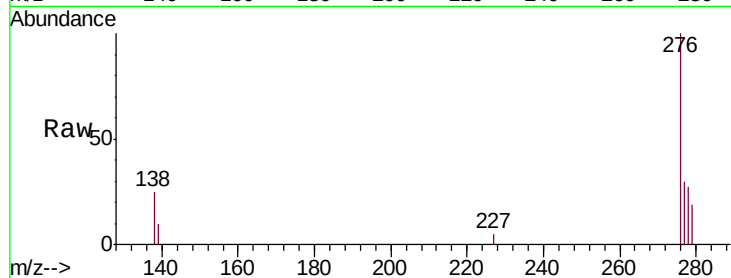
#25
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.01 min
Lab File: BN012260.D
Acq: 16 Oct 2020 10:55

Instrument :
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C0AQ2DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.1	15.7	23.5#
279	69.8	26.0	39.0#

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#26
Benzo(g,h,i)perylene
Concen: 0.091 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.00 min
Lab File: BN012260.D
Acq: 16 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	17.1	25.7
277	28.9	21.1	31.7

