

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012839.D
 Acq On : 03 Dec 2020 03:21
 Operator : CG/JU
 Sample : L4865-02DL 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B20DL

Manual Integrations
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 12/3/2020 3:44:42 PM

Quant Time: Dec 03 03:54:06 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	826	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3233	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1874	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3967	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	3323	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	3378	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	116	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	243	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.23	128	330	0.034	ng/ul#	60
7) Acenaphthylene	13.79	152	351	0.038	ng/ul#	71
8) Acenaphthene	14.13	153	233	0.030	ng/ul	95
9) Fluorene	15.13	166	210	0.025	ng/ul#	85
12) Phenanthrene	16.87	178	12628	0.915	ng/ul	97
13) Anthracene	16.96	178	941	0.078	ng/ul#	86
15) Fluoranthene	18.90	202	32007	2.008	ng/ul	98
17) Pyrene	19.26	202	28117	1.892	ng/ul	98
18) Benzo(a)anthracene	21.03	228	10095	0.848	ng/ul	99
19) Chrysene	21.08	228	13585	0.913	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	15908m	1.024	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	5582m	0.311	ng/ul	
23) Benzo(a)pyrene	23.06	252	10162	0.695	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.21	276	7183	0.376	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.22	278	1735	0.113	ng/ul#	82
26) Benzo(a,h,i)perylene	25.84	276	6437	0.374	ng/ul	98

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

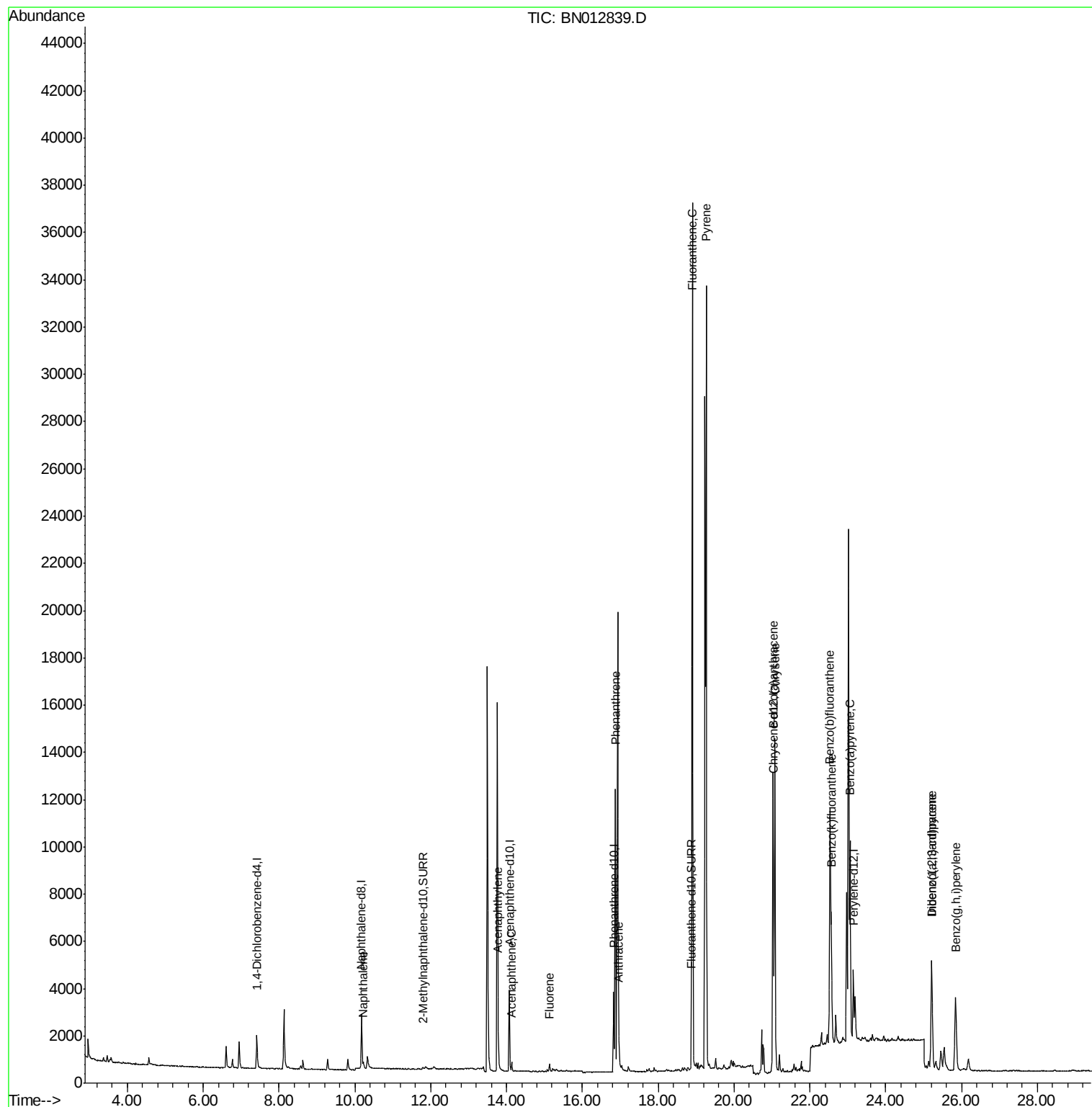
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012839.D
Acq On : 03 Dec 2020 03:21
Operator : CG/JU
Sample : L4865-02DL 5X
Misc :
ALS Vial : 66 Sample Multiplier: 1

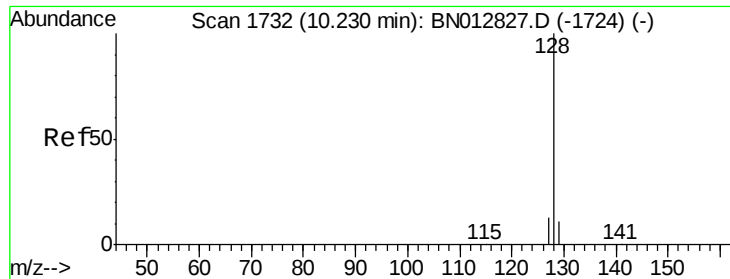
Instrument :
BNA_N
ClientSampleId :
C0B20DL

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Quant Time: Dec 03 03:54:06 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





#3

Naphthalene

Concen: 0.034 ng/ul

RT: 10.23 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Instrument :

BNA_N

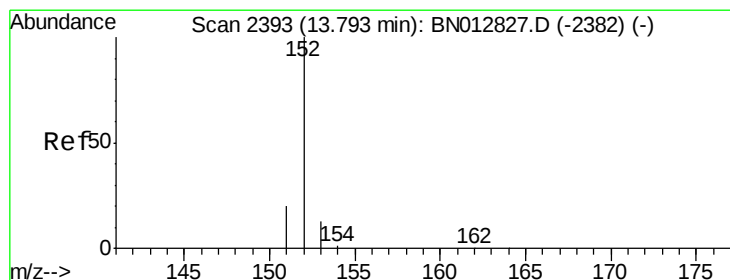
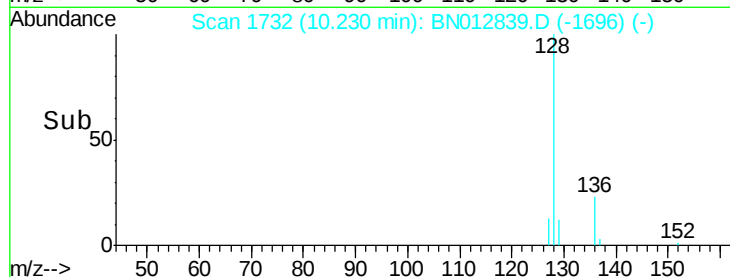
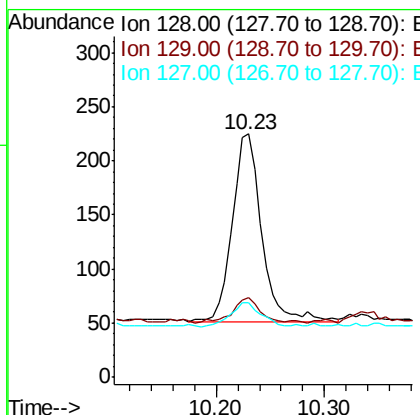
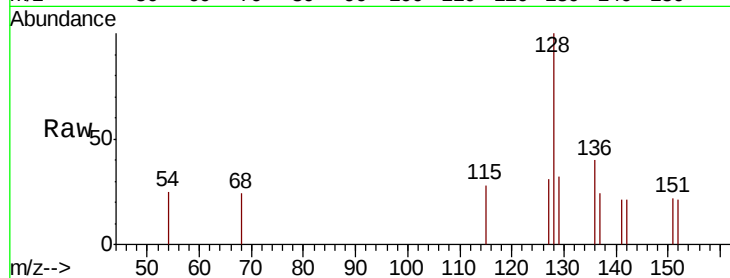
ClientSampleId :

C0B20DL

Tot Ion:	128	Resp:	330
Ion Ratio	Lower	Upper	
128	100		
129	32.4	11.2	16.8#
127	30.7	12.5	18.7#

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#7

Acenaphthylene

Concen: 0.038 ng/ul

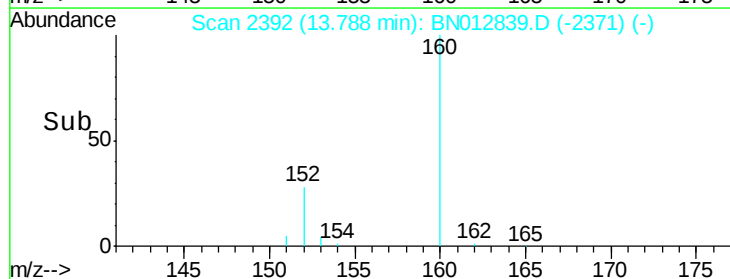
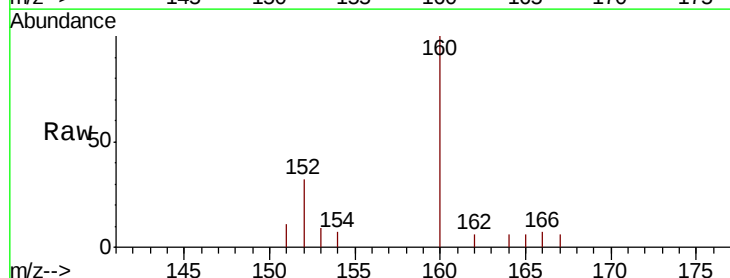
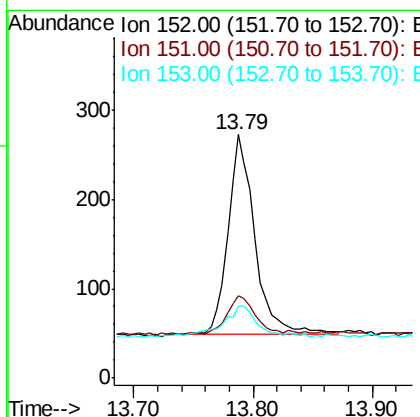
RT: 13.79 min Scan# 2392

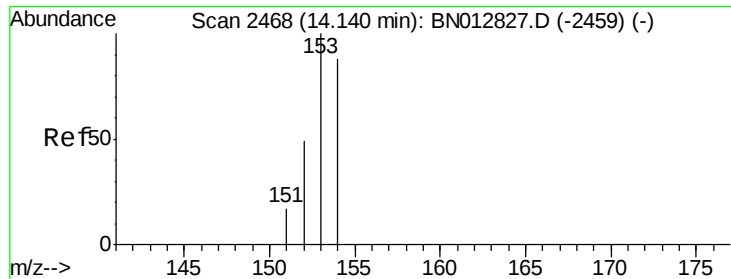
Delta R.T. -0.00 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Tgt Ion:	152	Resp:	351
Ion Ratio	Lower	Upper	
152	100		
151	33.8	17.1	25.7#
153	29.4	12.6	19.0#





#8

Acenaphthene

Concen: 0.030 ng/ul

RT: 14.13 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Instrument :

BNA_N

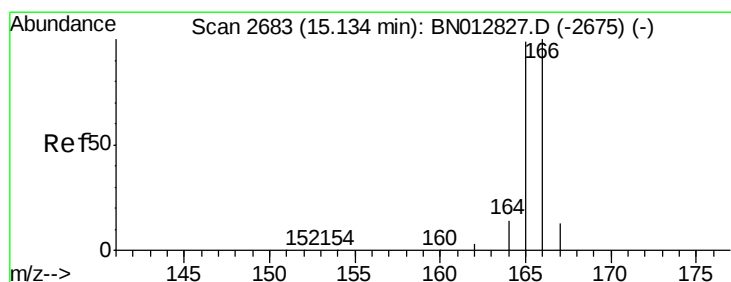
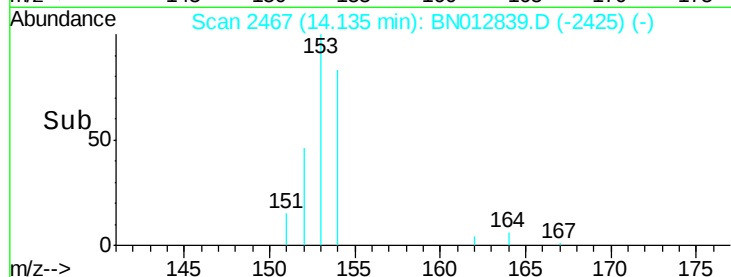
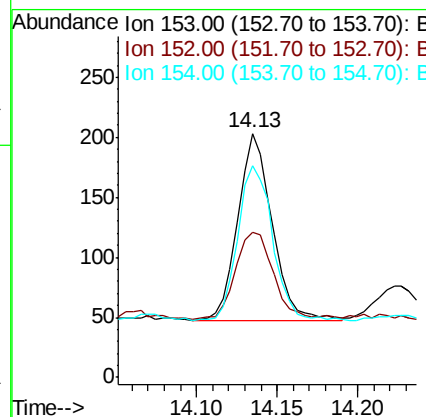
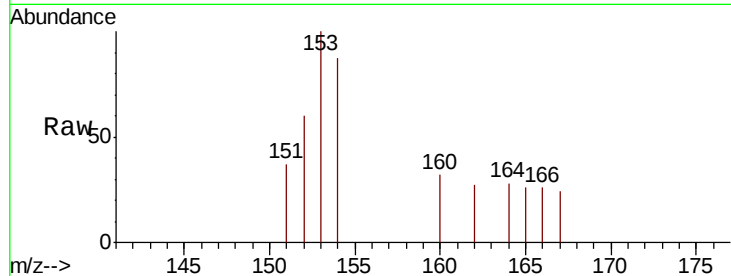
ClientSampled :

C0B20DL

Tot Ion:	153	Resp:	233
Ion	Ratio	Lower	Upper
153	100		
152	59.6	41.4	62.0
154	86.7	70.9	106.3

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#9

Fluorene

Concen: 0.025 ng/ul

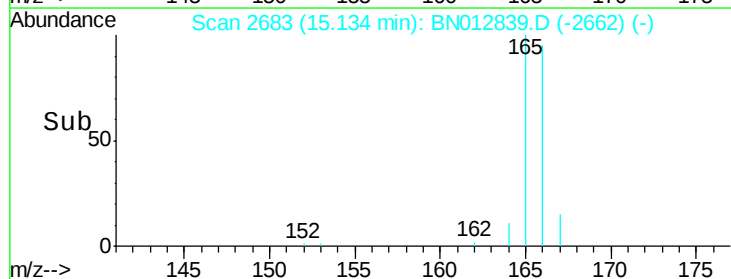
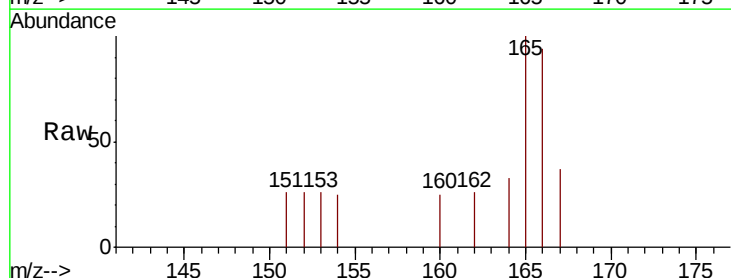
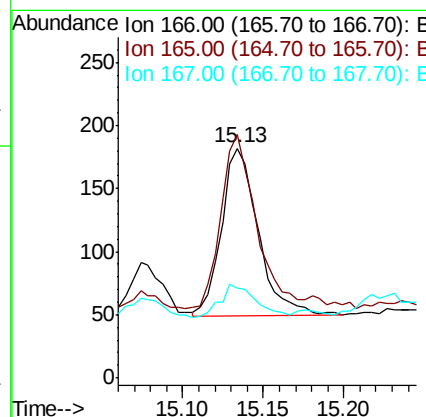
RT: 15.13 min Scan# 2683

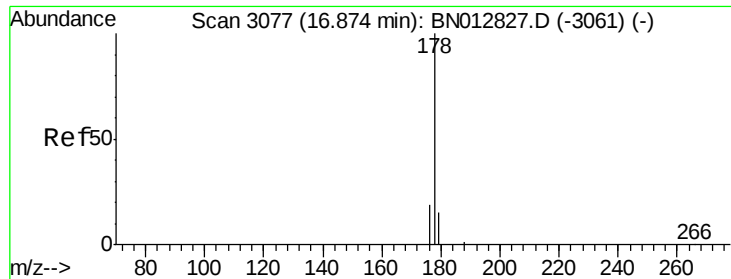
Delta R.T. -0.00 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Tgt Ion:	166	Resp:	210
Ion	Ratio	Lower	Upper
166	100		
165	106.0	78.5	117.7
167	39.0	12.7	19.1#





#12

Phenanthrene

Concen: 0.915 ng/ul

RT: 16.87 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Instrument :

BNA_N

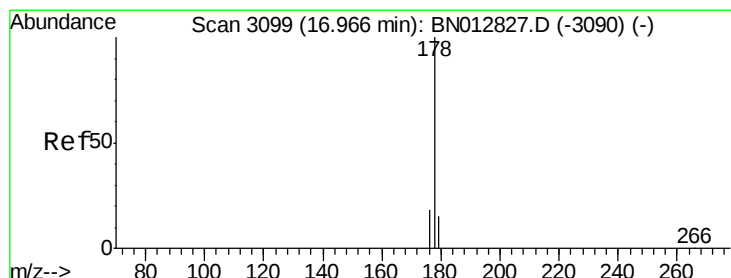
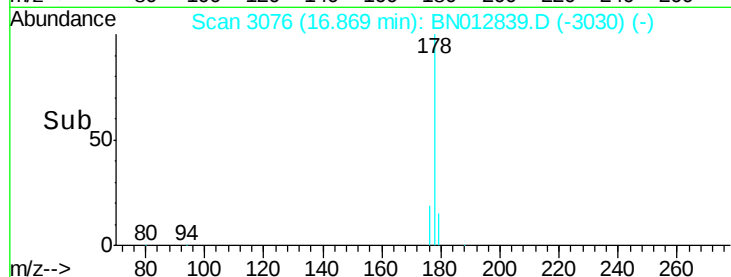
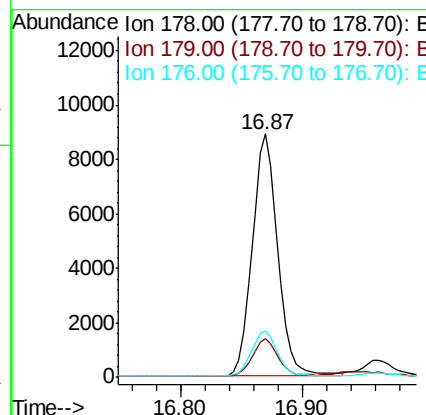
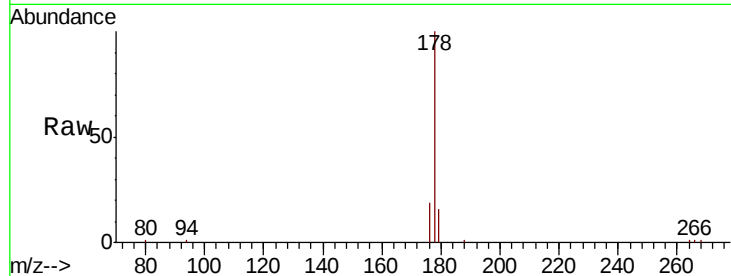
ClientSampleId :

C0B20DL

Tot Ion:	178	Resp:	12628
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.8	20.6
176	19.3	16.7	25.1

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#13

Anthracene

Concen: 0.078 ng/ul

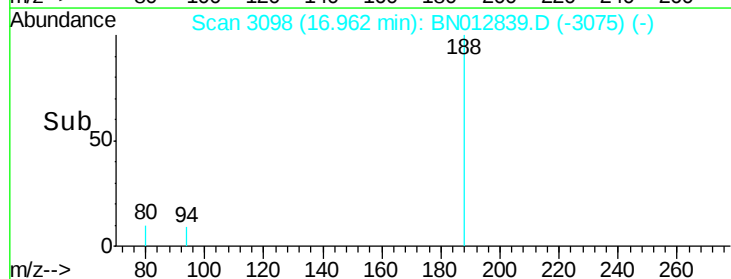
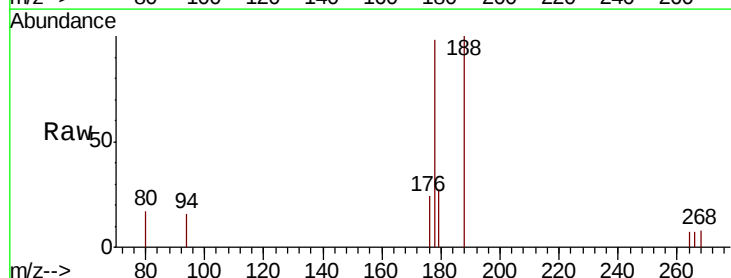
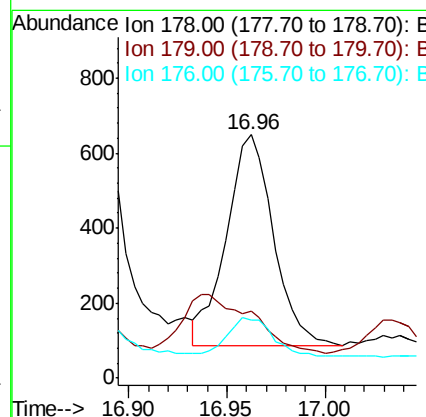
RT: 16.96 min Scan# 3098

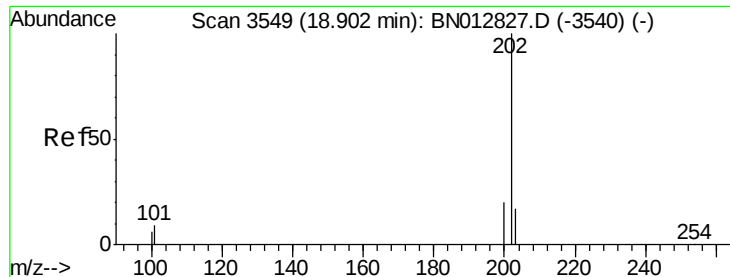
Delta R.T. -0.00 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Tgt Ion:	178	Resp:	941
Ion Ratio	Lower	Upper	
178	100		
179	27.7	14.8	22.2#
176	24.0	16.3	24.5





#15

Fluoranthene

Concen: 2.008 ng/ul

RT: 18.90 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Instrument :

BNA_N

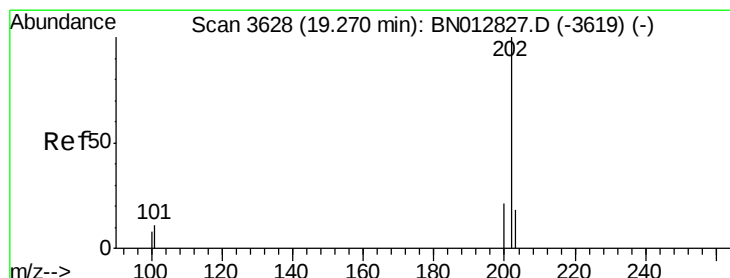
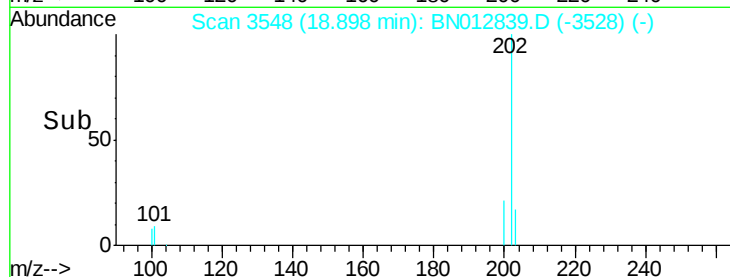
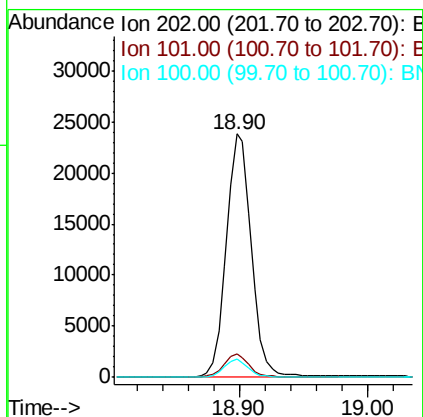
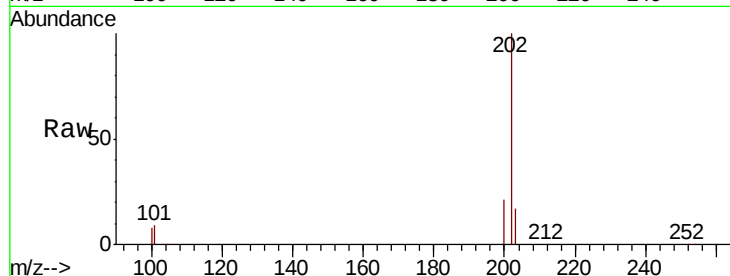
ClientSampleId :

C0B20DL

Tot Ion:	202	Resp:	32007
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.5
100	7.8	0.0	28.4

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#17

Pyrene

Concen: 1.892 ng/ul

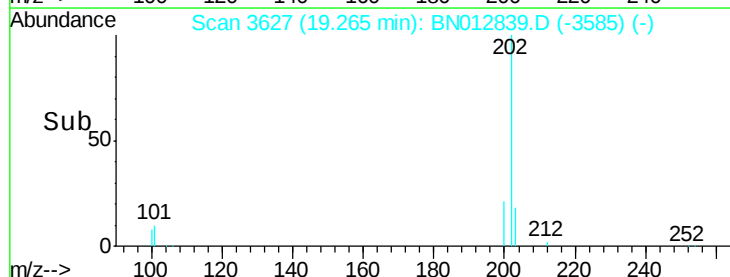
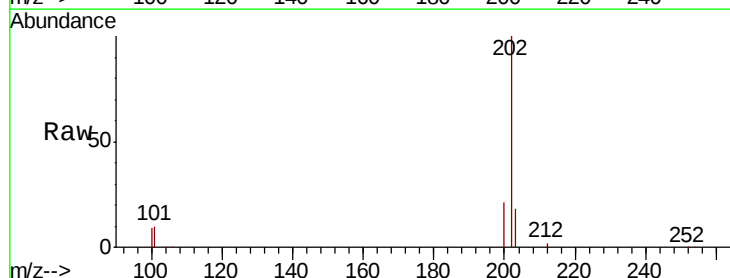
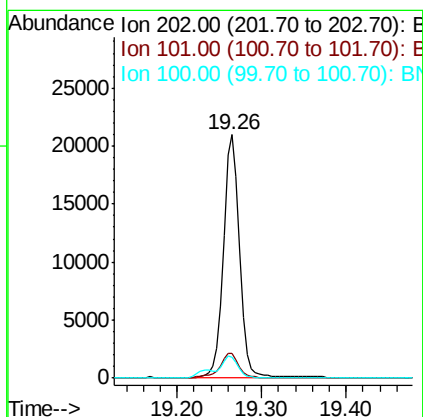
RT: 19.26 min Scan# 3627

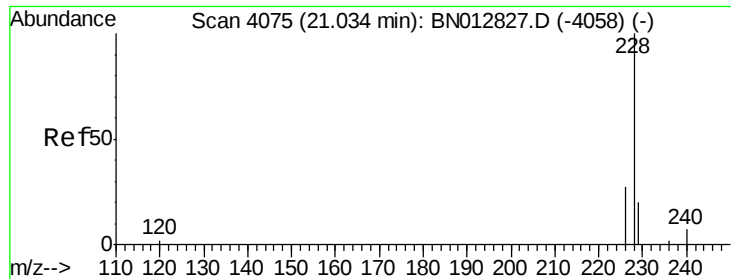
Delta R.T. -0.00 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Tgt Ion:	202	Resp:	28117
Ion Ratio	Lower	Upper	
202	100		
101	10.2	8.9	13.3
100	8.6	7.4	11.2





#18

Benzo(a)anthracene

Concen: 0.848 ng/ul

RT: 21.03 min Scan# 4073

Delta R.T. -0.01 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Instrument :

BNA_N

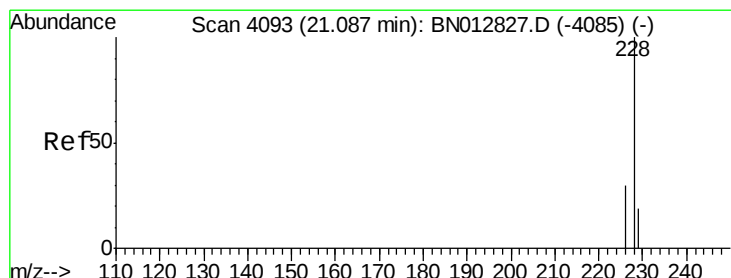
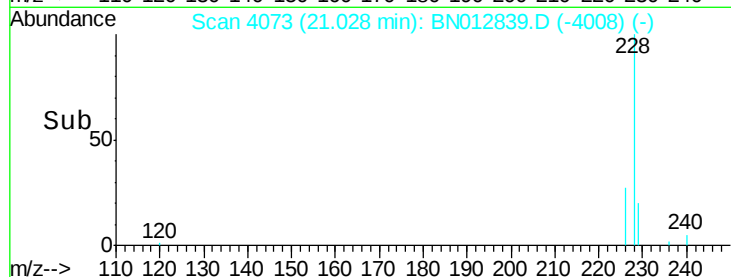
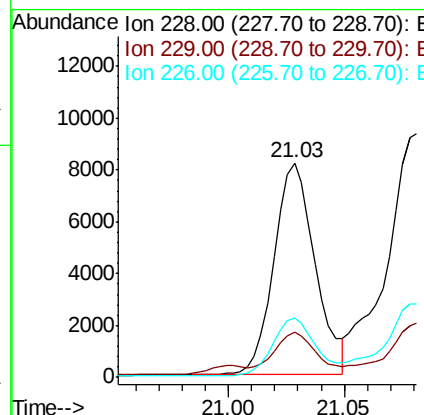
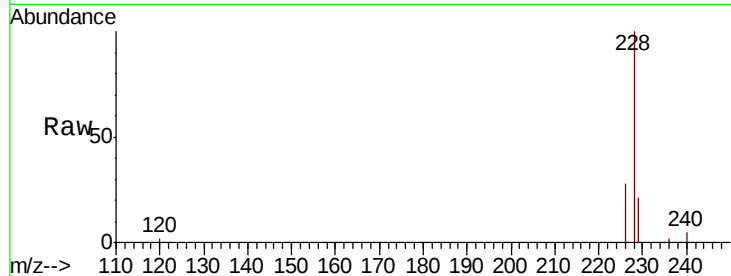
ClientSampleId :

C0B20DL

Tot Ion:228	Resp:	10095
Ion Ratio	Lower	Upper
228	100	
229	20.9	16.9 25.3
226	27.9	23.1 34.7

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#19

Chrysene

Concen: 0.913 ng/ul

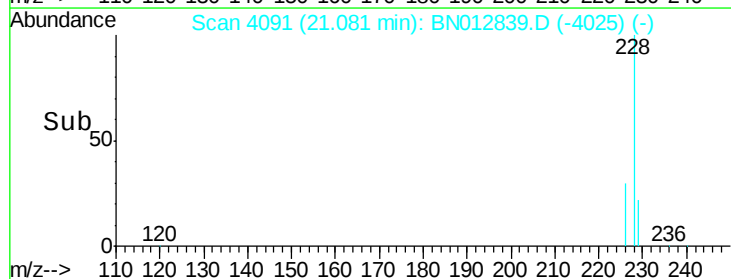
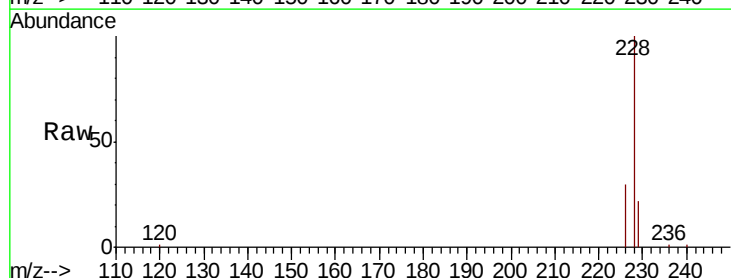
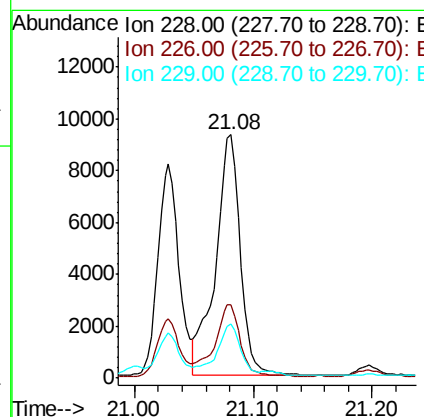
RT: 21.08 min Scan# 4091

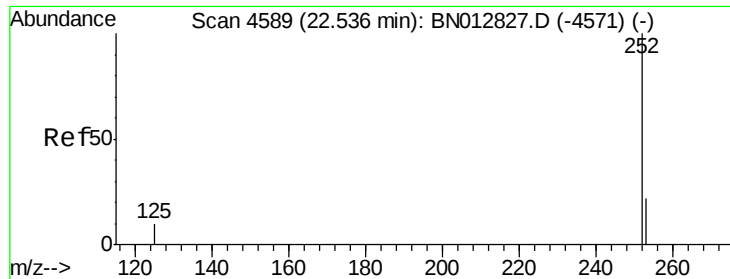
Delta R.T. -0.01 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Tgt Ion:228	Resp:	13585
Ion Ratio	Lower	Upper
228	100	
226	30.3	24.4 36.6
229	22.2	16.1 24.1





#21

Benzo(b)fluoranthene

Concen: 1.024 ng/ul m

RT: 22.53 min Scan# 4586

Delta R.T. -0.01 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Instrument :

BNA_N

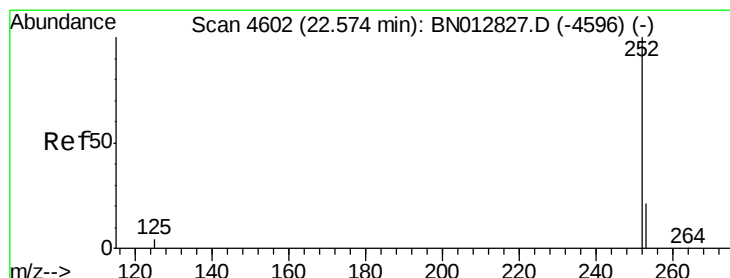
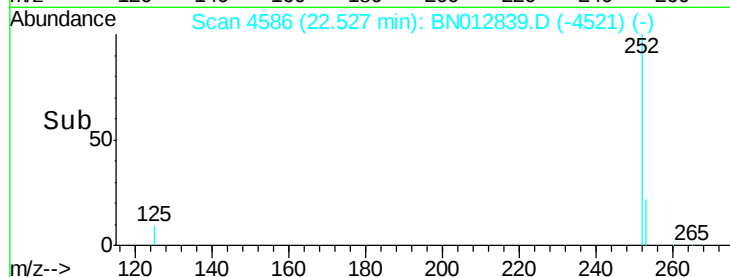
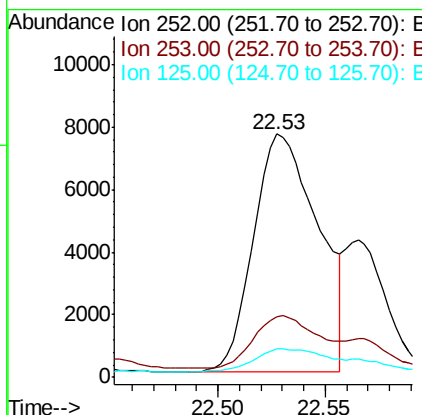
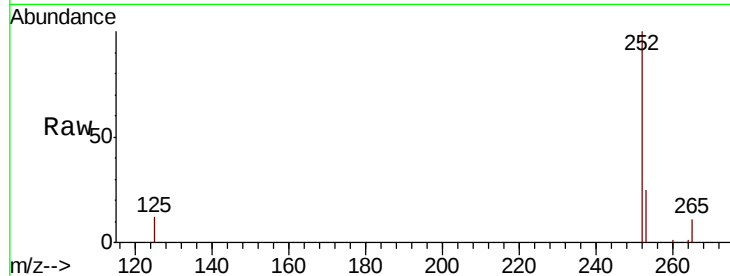
ClientSampleId :

C0B20DL

Tot Ion:	252	Resp:	15908
Ion Ratio	Lower	Upper	
252	100		
253	25.0	0.0	58.4
125	11.5	0.0	28.6

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#22

Benzo(k)fluoranthene

Concen: 0.311 ng/ul m

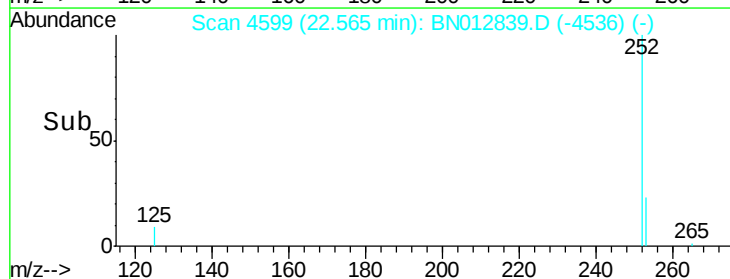
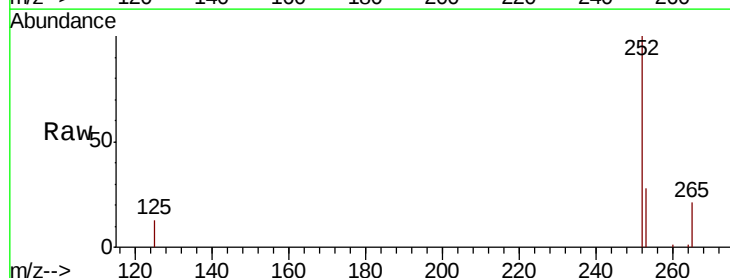
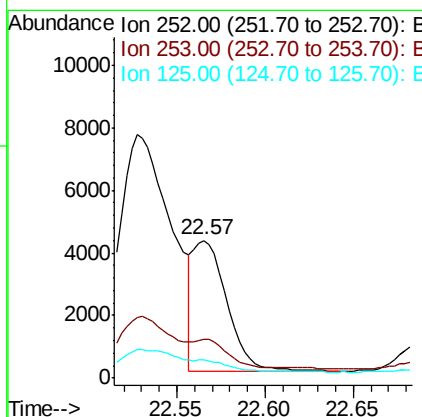
RT: 22.57 min Scan# 4599

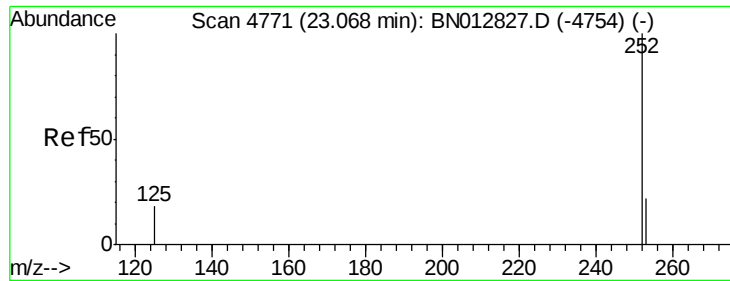
Delta R.T. -0.01 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Tgt Ion:	252	Resp:	5582
Ion Ratio	Lower	Upper	
252	100		
253	27.8	23.4	35.2
125	13.0	10.2	15.2





#23

Benzo(a)pyrene

Concen: 0.695 ng/ul

RT: 23.06 min Scan# 4767

Delta R.T. -0.01 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Instrument :

BNA_N

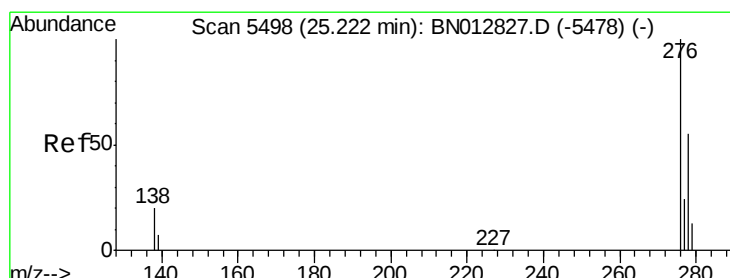
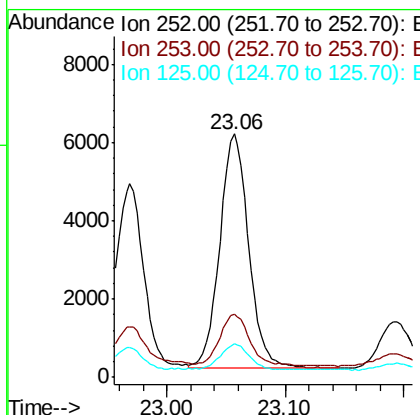
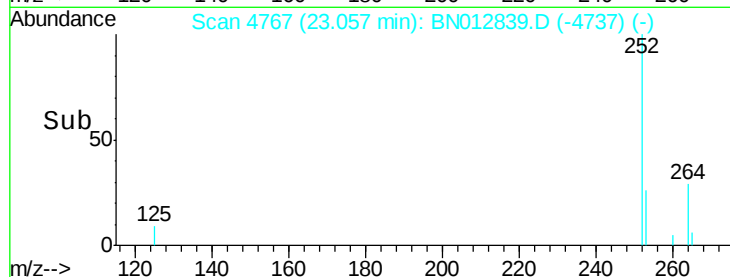
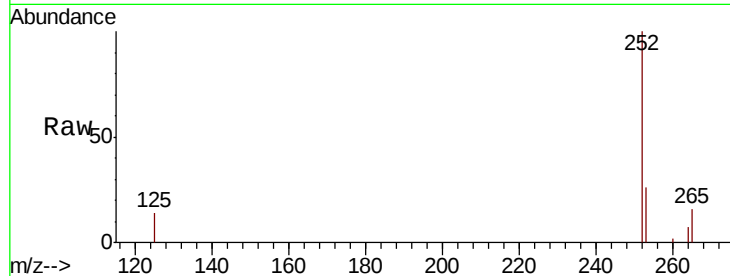
ClientSampleId :

C0B20DL

Tot Ion:	252	Resp:	10162
Ion Ratio	Lower	Upper	
252	100		
253	26.2	27.6	41.4#
125	13.9	17.0	25.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.376 ng/ul

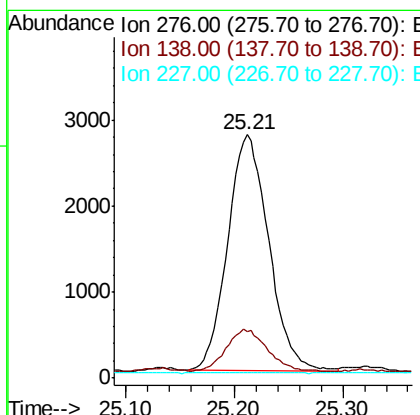
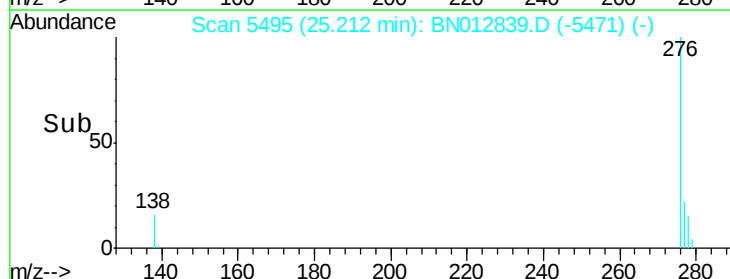
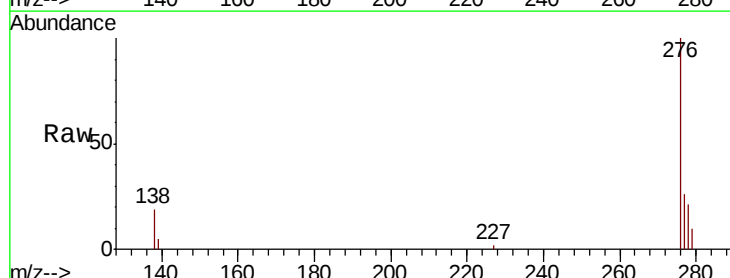
RT: 25.21 min Scan# 5495

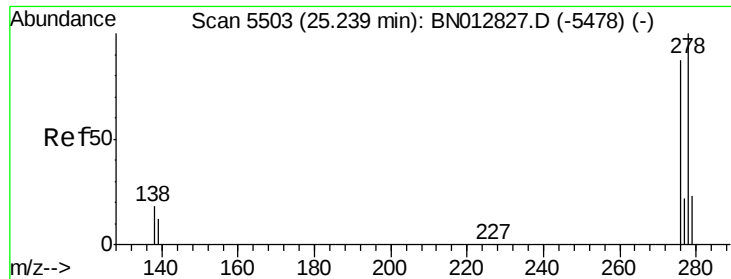
Delta R.T. -0.02 min

Lab File: BN012839.D

Acq: 03 Dec 2020 03:21

Tgt Ion:	276	Resp:	7183
Ion Ratio	Lower	Upper	
276	100		
138	17.9	16.5	24.7
227	0.2	0.1	0.1#





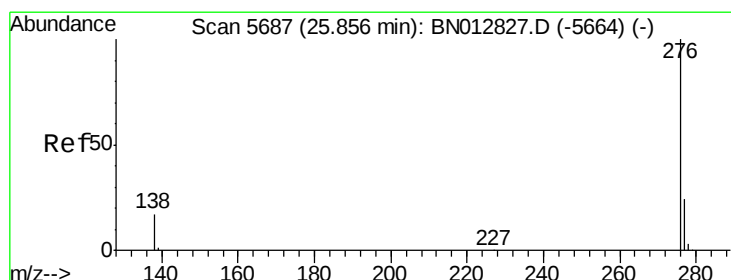
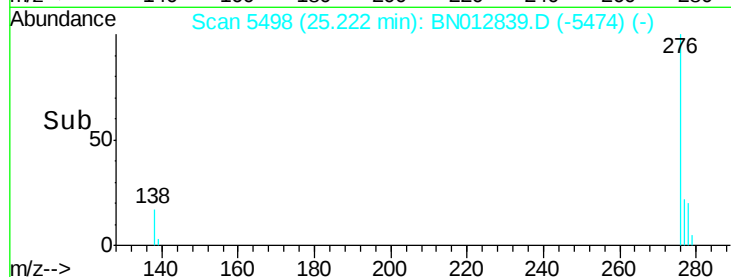
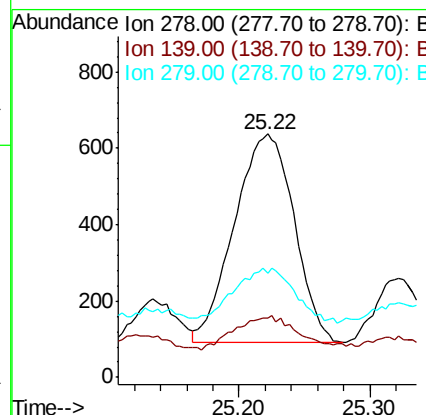
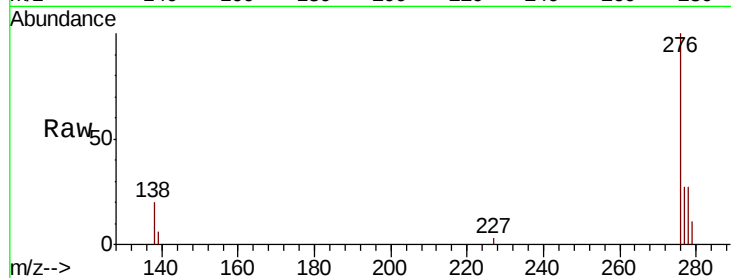
#25
Dibenzo(a,h)anthracene
Concen: 0.113 ng/ul
RT: 25.22 min Scan# 5498
Delta R.T. -0.02 min
Lab File: BN012839.D
Acq: 03 Dec 2020 03:21

Instrument :
BNA_N
ClientSampleId :
C0B20DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.3	13.8	20.8#
279	42.9	25.6	38.4#

Manual Integrations
APPROVED

mohammad
12/3/2020 3:44:42 PM



#26
Benzo(g,h,i)perylene
Concen: 0.374 ng/ul
RT: 25.84 min Scan# 5683
Delta R.T. -0.02 min
Lab File: BN012839.D
Acq: 03 Dec 2020 03:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.3	24.5
277	25.5	21.8	32.8

