

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012278.D
 Acq On : 16 Oct 2020 21:52
 Operator : CG/JU
 Sample : L4201-13DL 5X
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AP3DL

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Quant Time: Oct 17 00:14:27 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	1994	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8314	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4624	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9458	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7520	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7721	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	389	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	839	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	4287	0.179	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	1839	0.121	ng/ul	99
7) Acenaphthylene	13.98	152	4737	0.236	ng/ul	96
8) Acenaphthene	14.32	153	23528	1.388	ng/ul	99
9) Fluorene	15.31	166	8762	0.464	ng/ul	98
11) Pentachlorophenol	16.66	266	221	0.081	ng/ul	94
12) Phenanthrene	17.05	178	332602	11.032	ng/ul	97
13) Anthracene	17.14	178	20860	0.807	ng/ul	98
15) Fluoranthene	19.07	202	467585	13.263	ng/ul	99
17) Pyrene	19.44	202	714498	21.074	ng/ul	99
18) Benzo(a)anthracene	21.20	228	99206	3.562	ng/ul	97
19) Chrysene	21.25	228	120322	3.546	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	154500m	4.954	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	45301m	1.312	ng/ul	
23) Benzo(a)pyrene	23.31	252	124488	4.103	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.58	276	104594	2.684	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	15435	0.495	ng/ul#	94
26) Benzo(g,h,i)perylene	26.25	276	160917	4.505	ng/ul	97

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

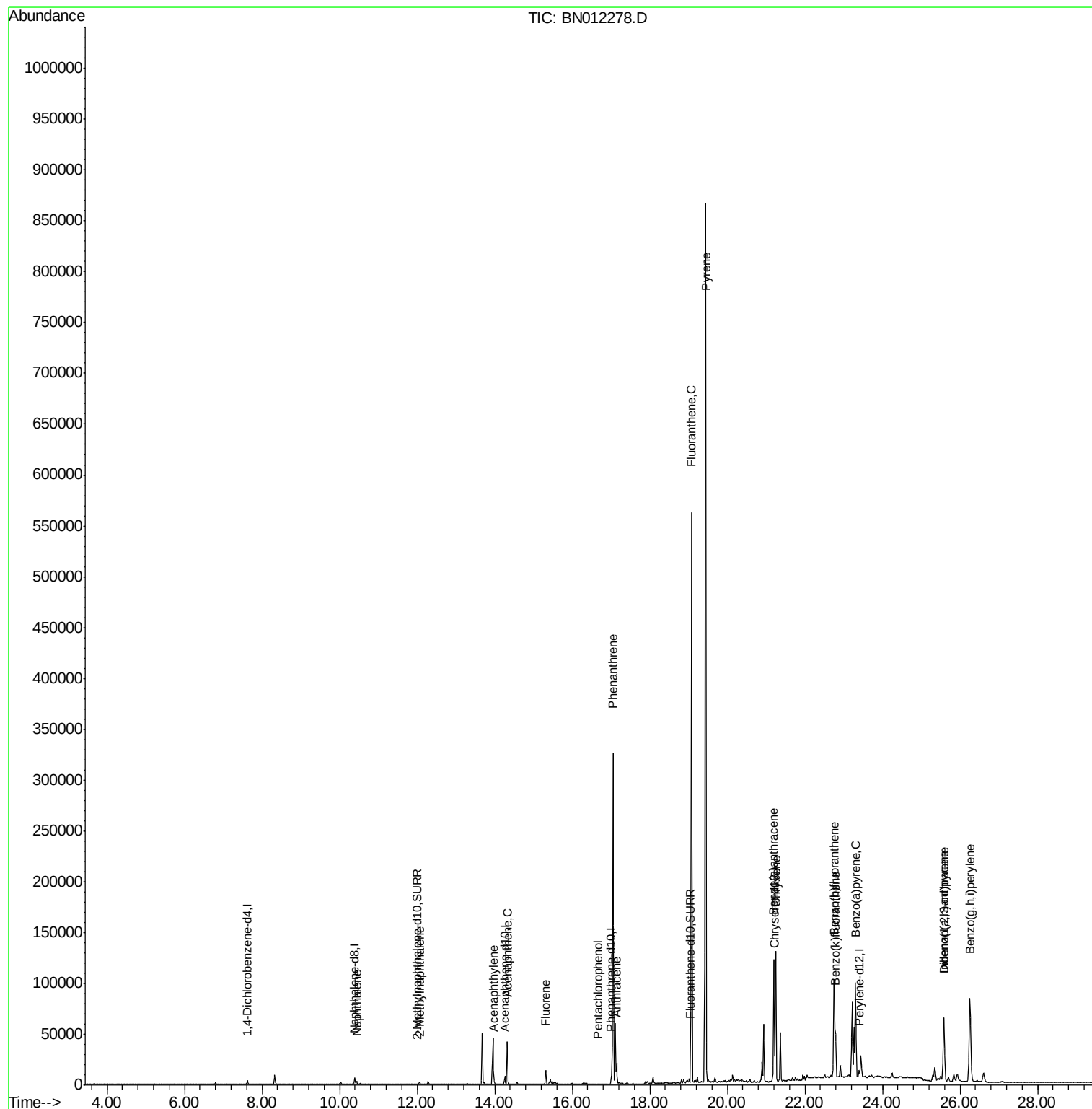
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012278.D
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ALS Vial : 90 Sample Multiplier: 1

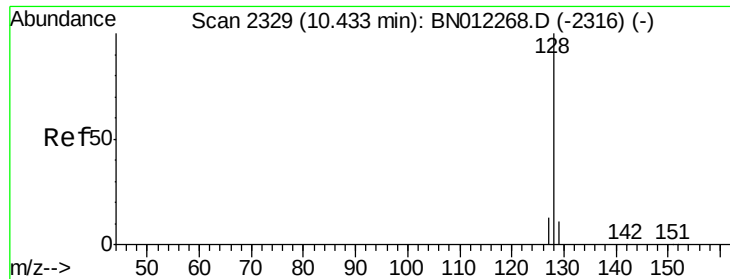
Instrument :
BNA_N
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C0AP3DL

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QLast Update : Fri Oct 16 23:42:05 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.179 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BN012278.D

Acq: 16 Oct 2020 21:52

Instrument :

BNA_N

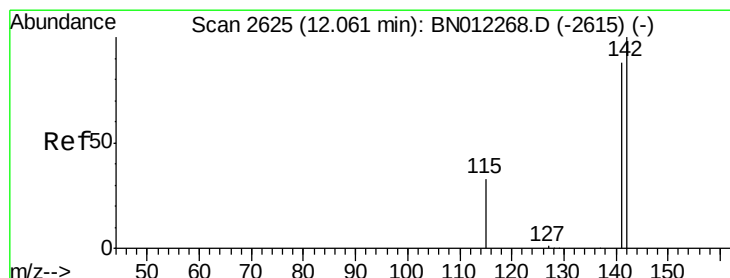
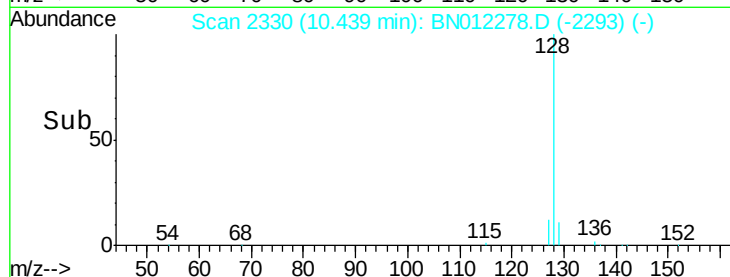
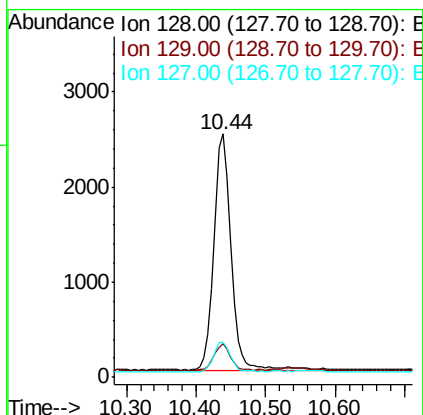
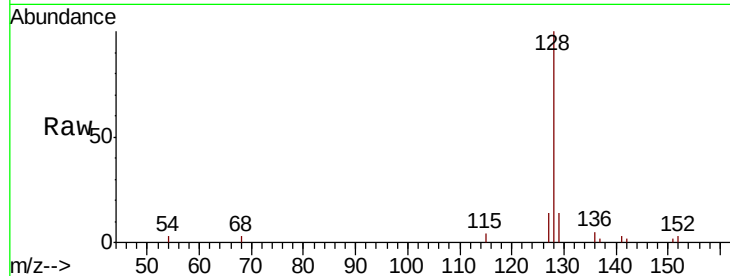
ClientSampleId :

C0AP3DL

Tot Ion:	128	Resp:	4287
Ion	Ratio	Lower	Upper
128	100		
129	13.7	10.3	15.5
127	14.3	11.9	17.9

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#5

2-Methylnaphthalene

Concen: 0.121 ng/ul

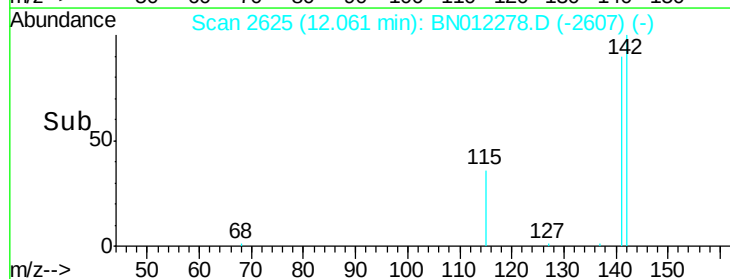
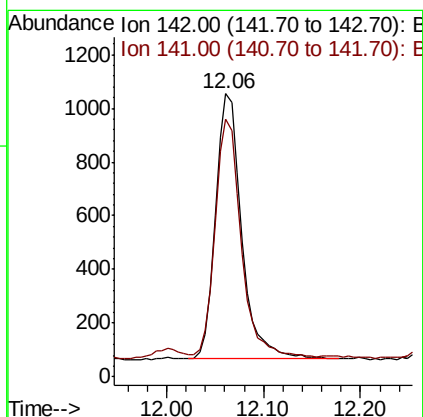
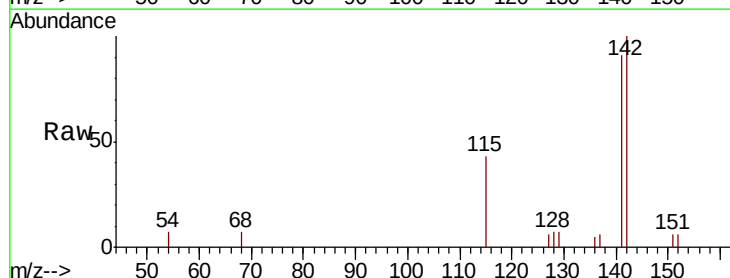
RT: 12.06 min Scan# 2625

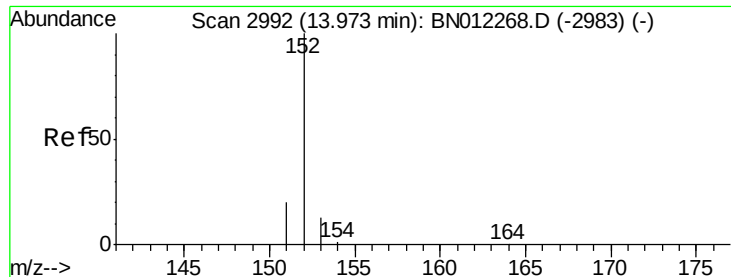
Delta R.T. -0.00 min

Lab File: BN012278.D

Acq: 16 Oct 2020 21:52

Tgt Ion:	142	Resp:	1839
Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.7	107.5





#7

Acenaphthylene

Concen: 0.236 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012278.D

Acq: 16 Oct 2020 21:52

Instrument :

BNA_N

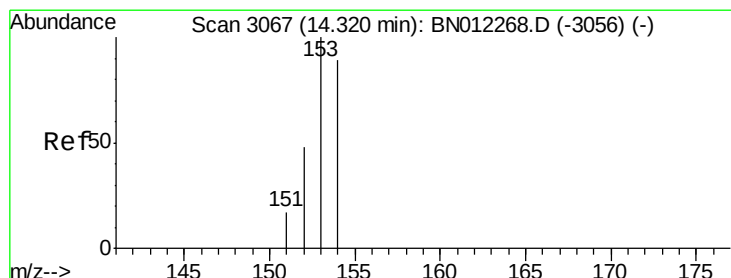
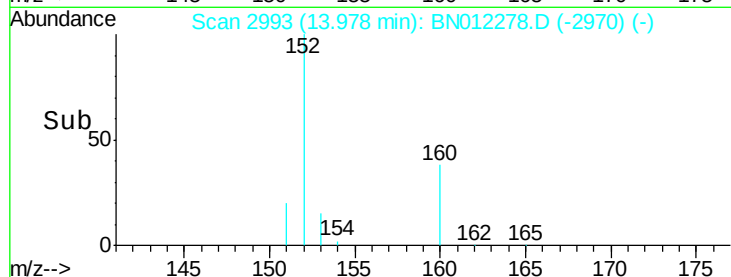
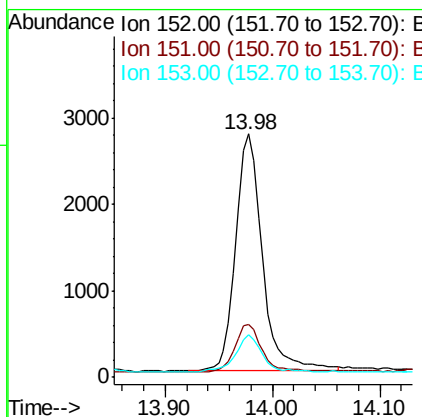
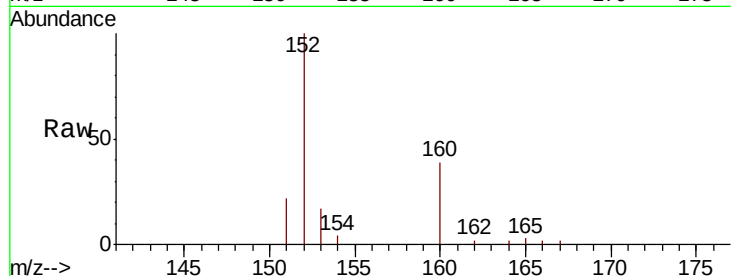
ClientSampleId :

C0AP3DL

Tot Ion:	152	Resp:	4737
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.7	25.1
153	17.4	11.8	17.8

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#8

Acenaphthene

Concen: 1.388 ng/ul

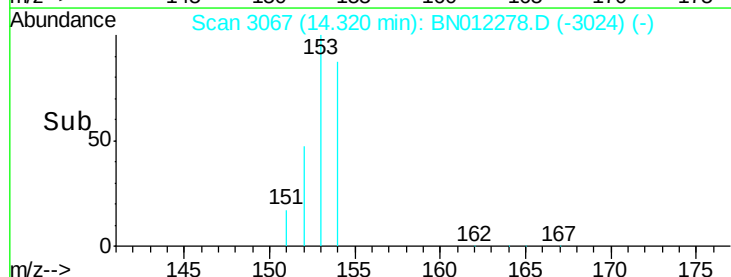
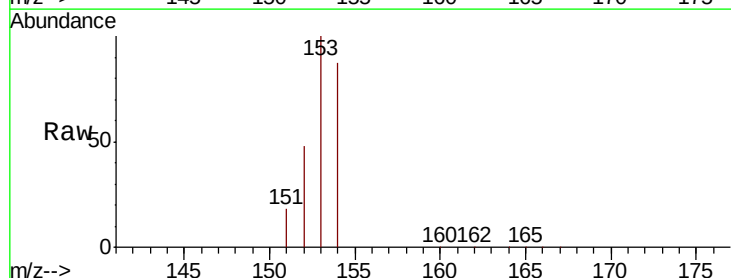
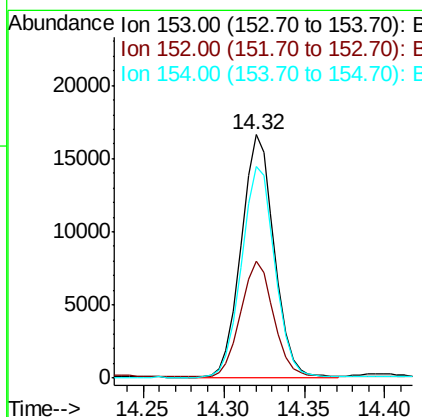
RT: 14.32 min Scan# 3067

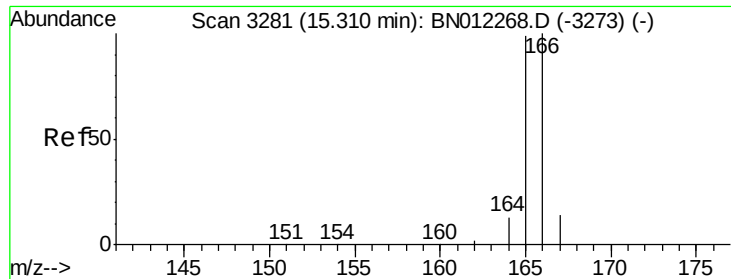
Delta R.T. -0.00 min

Lab File: BN012278.D

Acq: 16 Oct 2020 21:52

Tgt Ion:	153	Resp:	23528
Ion Ratio	Lower	Upper	
153	100		
152	47.8	38.2	57.2
154	87.0	71.1	106.7





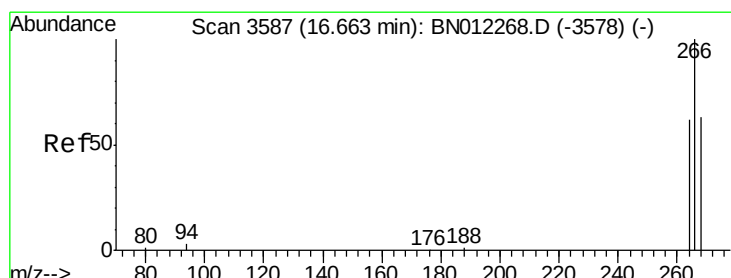
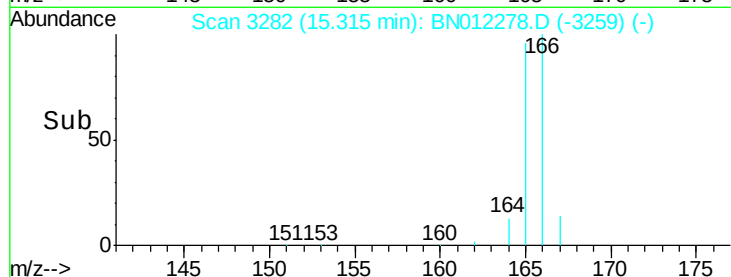
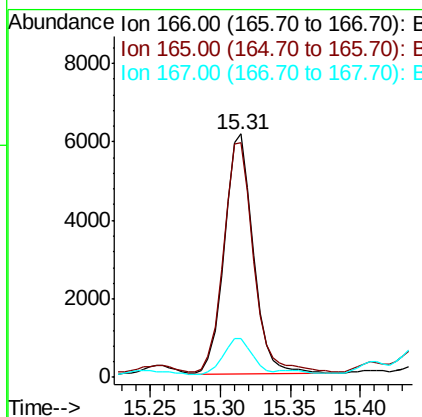
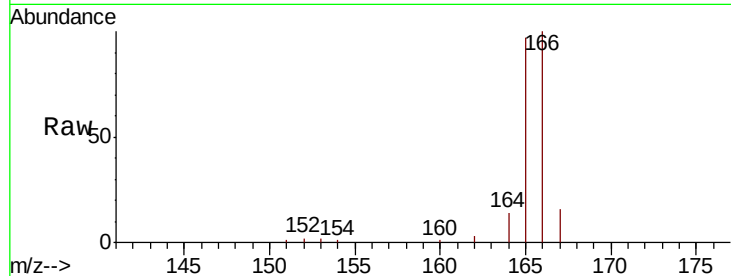
#9
Fluorene
 Concen: 0.464 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. 0.00 min
 Lab File: BN012278.D
 Acq: 16 Oct 2020 21:52

Instrument :
 BNA_N
 ClientSampleId :
 C0AP3DL

Tot Ion:	166	Resp:	8762
Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.6	118.0
167	15.9	11.9	17.9

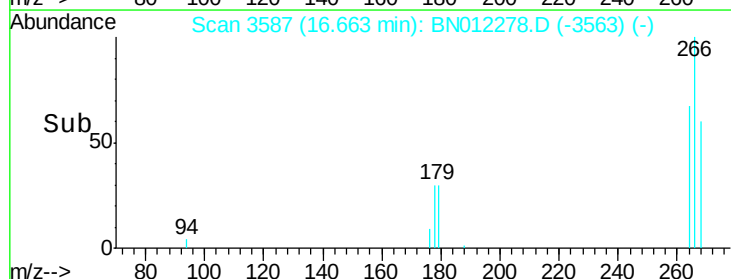
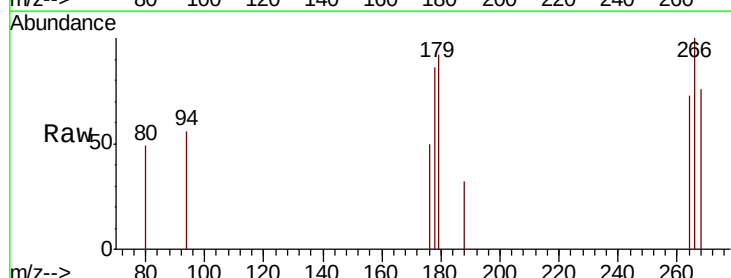
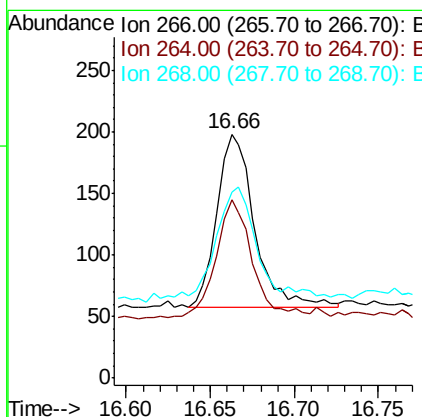
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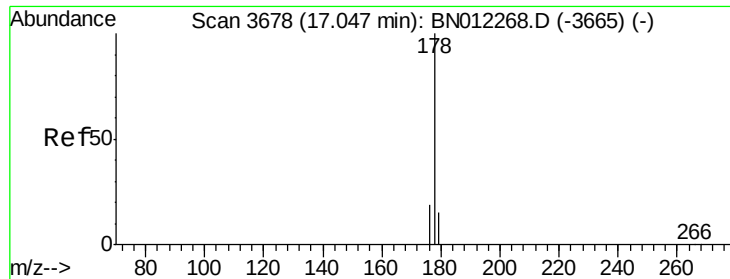
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#11
Pentachlorophenol
 Concen: 0.081 ng/ul
 RT: 16.66 min Scan# 3587
 Delta R.T. -0.00 min
 Lab File: BN012278.D
 Acq: 16 Oct 2020 21:52

Tgt Ion:	266	Resp:	221
Ion	Ratio	Lower	Upper
266	100		
264	67.4	50.3	75.5
268	70.6	52.4	78.6





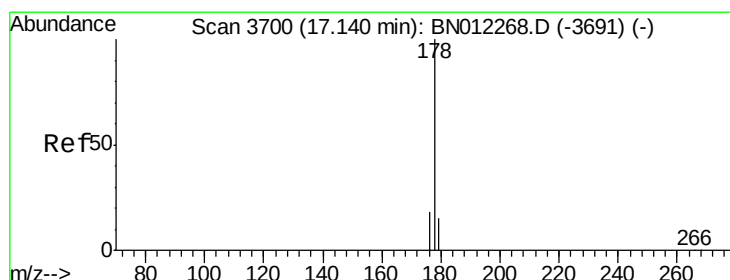
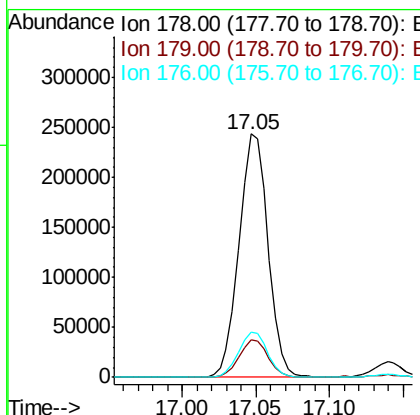
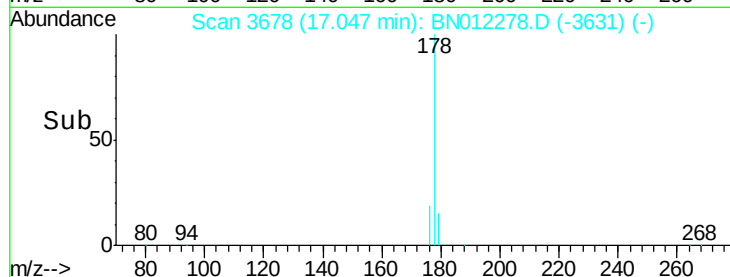
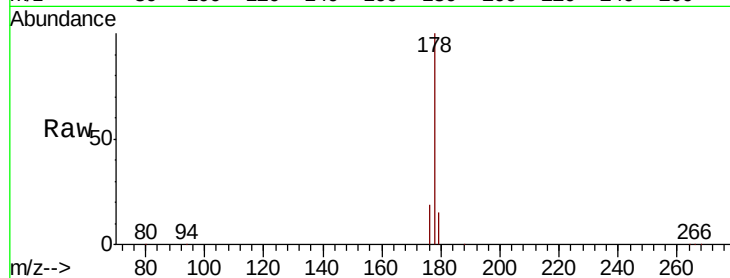
#12
Phenanthrene
Concen: 11.032 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN012278.D
Acq: 16 Oct 2020 21:52

Instrument :
BNA_N
ClientSampleId :
C0AP3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	18.7	15.7	23.5

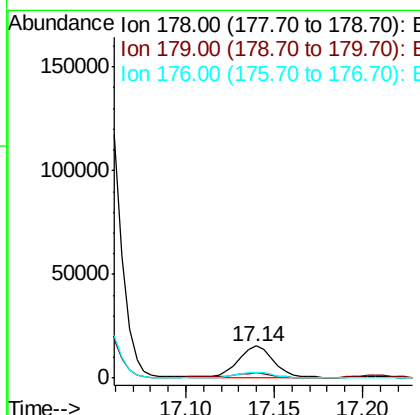
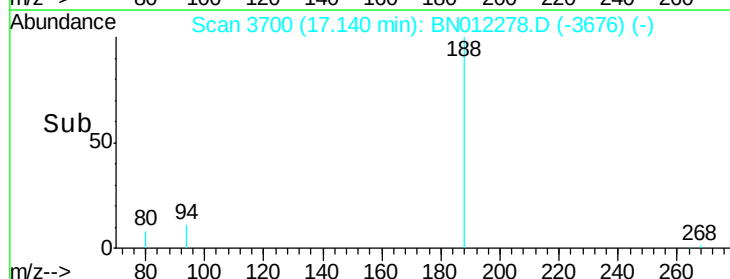
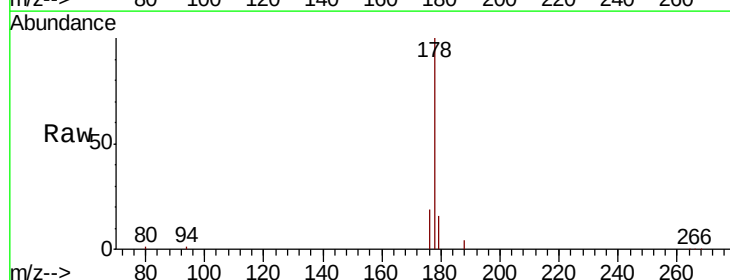
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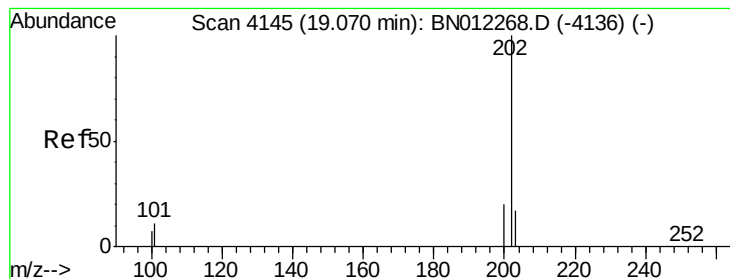
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#13
Anthracene
Concen: 0.807 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN012278.D
Acq: 16 Oct 2020 21:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.9	20.9
176	18.7	15.4	23.0





#15

Fluoranthene

Concen: 13.263 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN012278.D

Acq: 16 Oct 2020 21:52

Instrument :

BNA_N

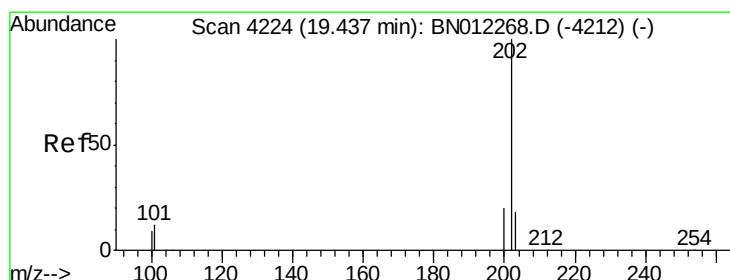
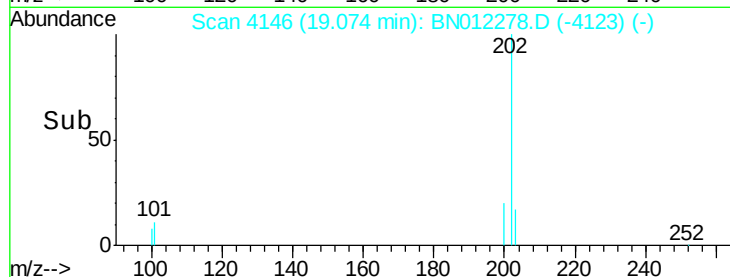
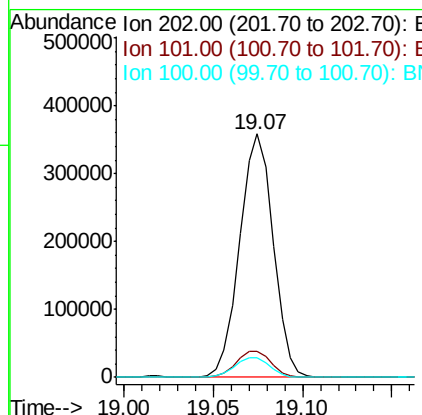
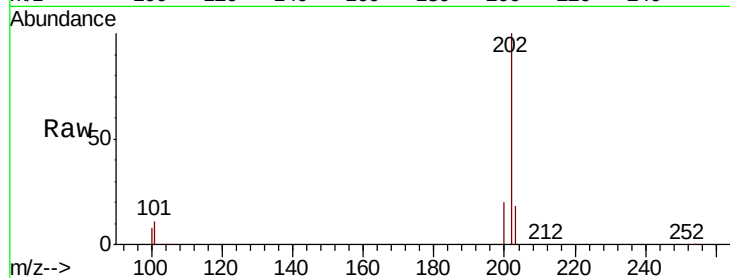
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		467585		
101	10.9	0.0	31.0		
100	8.2	0.0	28.7		

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#17

Pyrene

Concen: 21.074 ng/ul

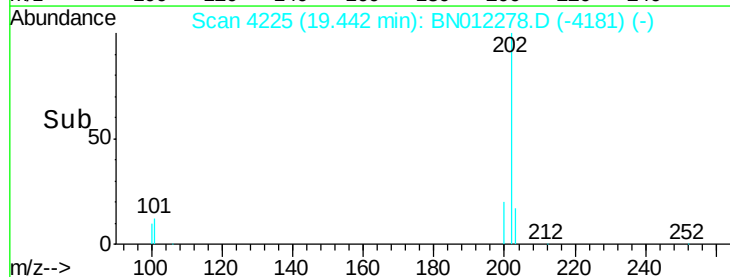
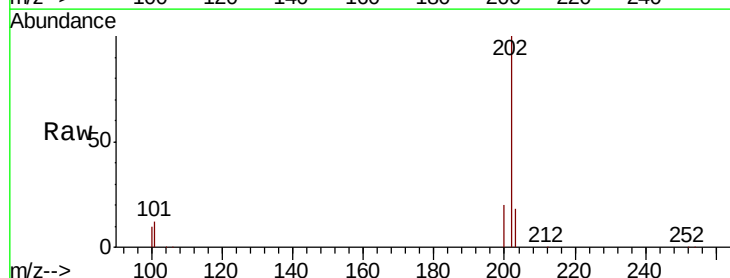
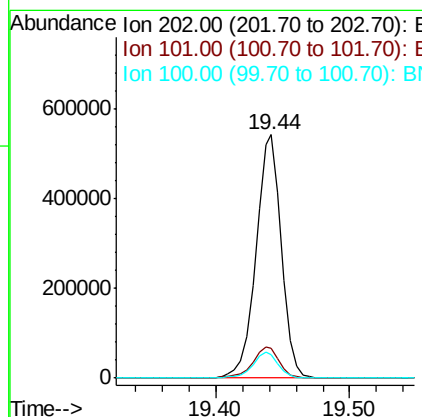
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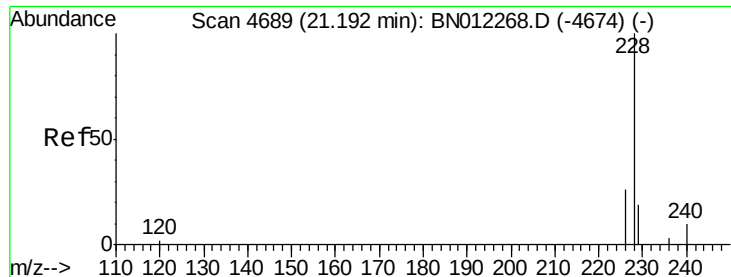
Delta R.T. 0.00 min

Lab File: BN012278.D

Acq: 16 Oct 2020 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		714498		
101	12.1	9.9	14.9		
100	9.8	8.0	12.0		





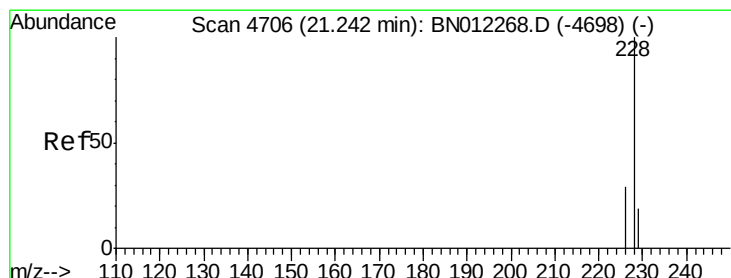
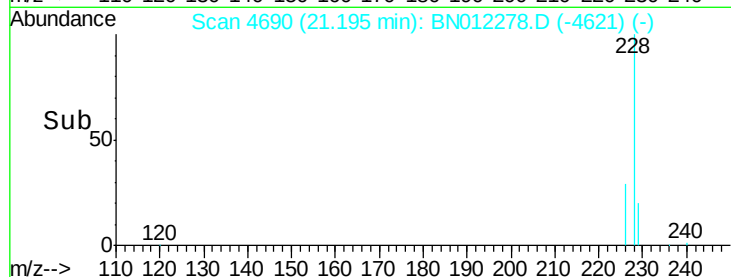
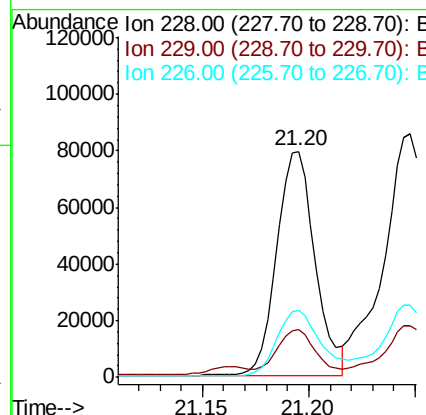
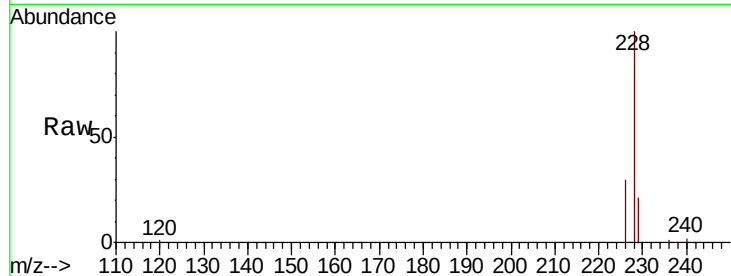
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Benzo(a)anthracene
Concen: 3.562 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. 0.00 min
Lab File: BN012278.D
Acq: 16 Oct 2020 21:52

Instrument :
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ClientSampleId :
C0AP3DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	29.5	22.6	33.8

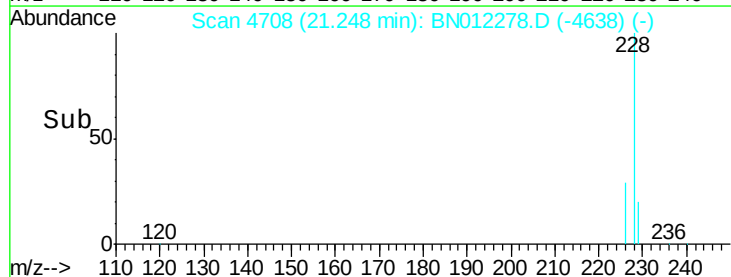
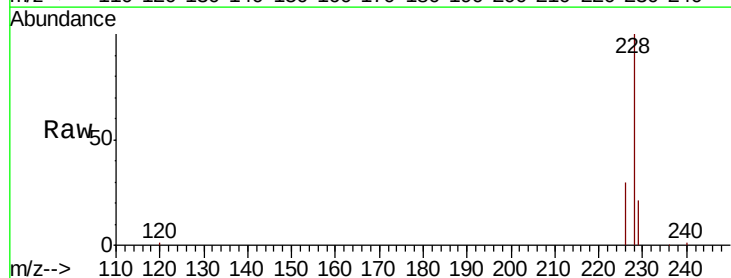
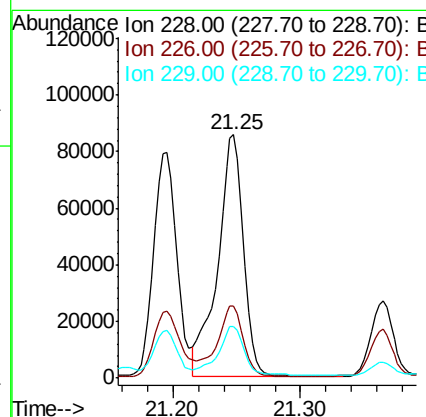
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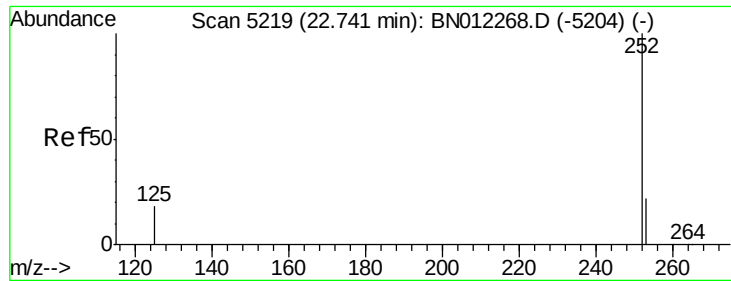
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#19
Chrysene
Concen: 3.546 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. 0.01 min
Lab File: BN012278.D
Acq: 16 Oct 2020 21:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	37.0
229	21.5	17.0	25.6





#21

Benzo(b)fluoranthene

Concen: 4.954 ng/ul m

RT: 22.75 min Scan# 5222

Delta R.T. 0.01 min

Lab File: BN012278.D

Acq: 16 Oct 2020 21:52

Instrument :

BNA_N

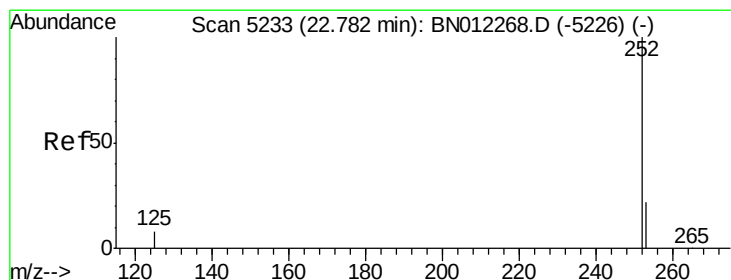
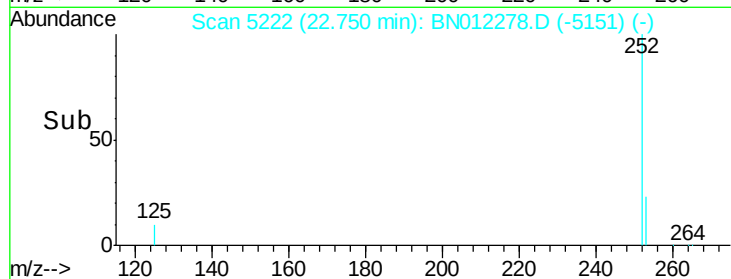
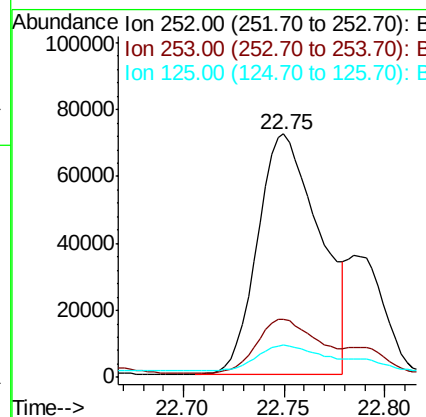
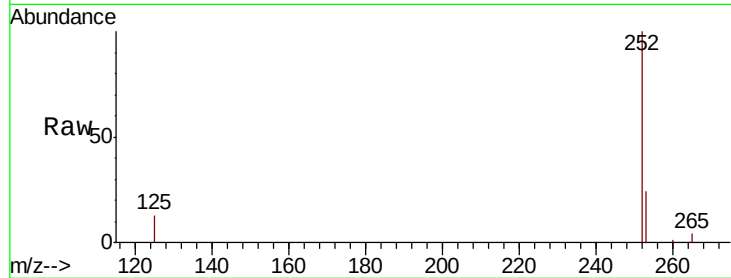
ClientSampleId :

C0AP3DL

Tot Ion:	252	Resp:	154500
Ion Ratio	Lower	Upper	
252	100		
253	24.1	0.0	61.6
125	13.1	0.0	36.8

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#22

Benzo(k)fluoranthene

Concen: 1.312 ng/ul m

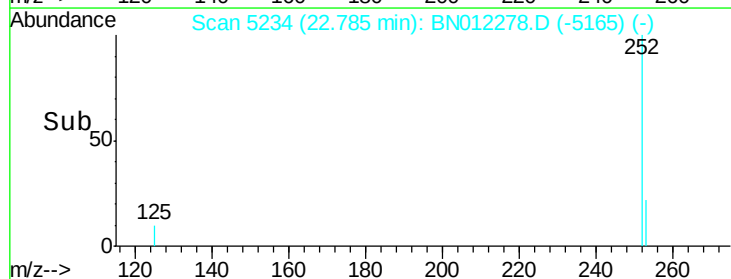
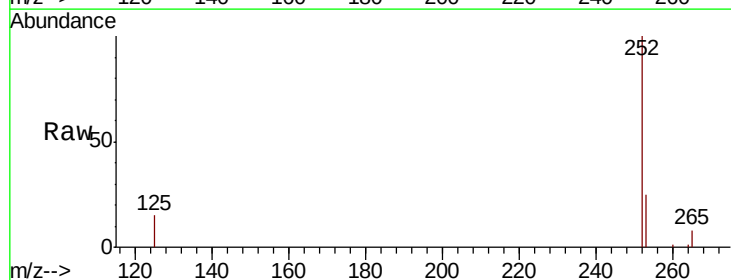
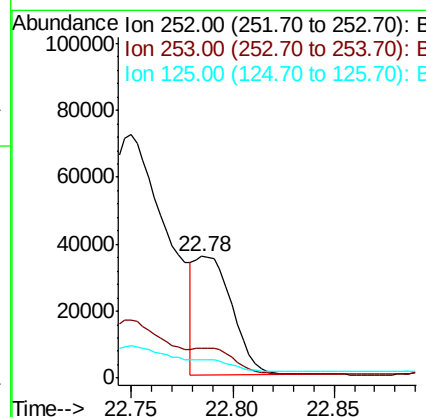
RT: 22.78 min Scan# 5234

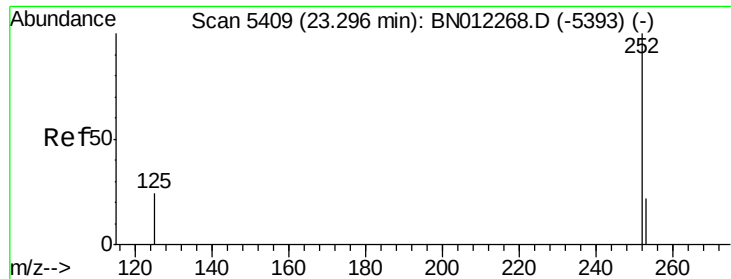
Delta R.T. 0.00 min

Lab File: BN012278.D

Acq: 16 Oct 2020 21:52

Tgt Ion:	252	Resp:	45301
Ion Ratio	Lower	Upper	
252	100		
253	24.7	24.4	36.6
125	15.2	12.9	19.3





#23

Benzo(a)pyrene

Concen: 4.103 ng/ul

RT: 23.31 min Scan# 5412

Delta R.T. 0.01 min

Lab File: BN012278.D

Acq: 16 Oct 2020 21:52

Instrument :

BNA_N

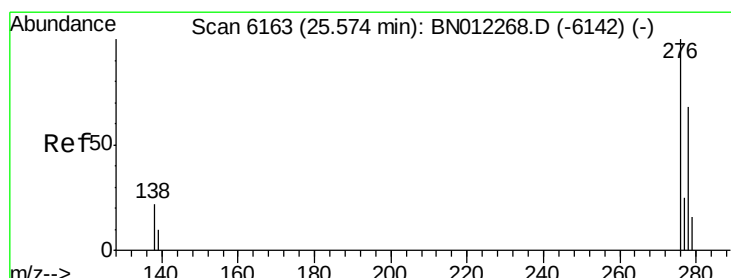
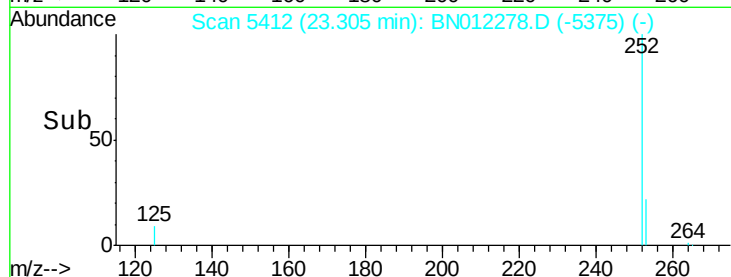
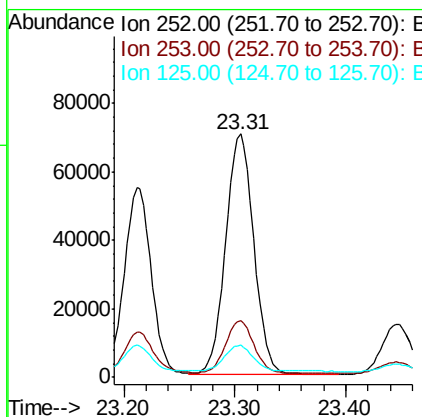
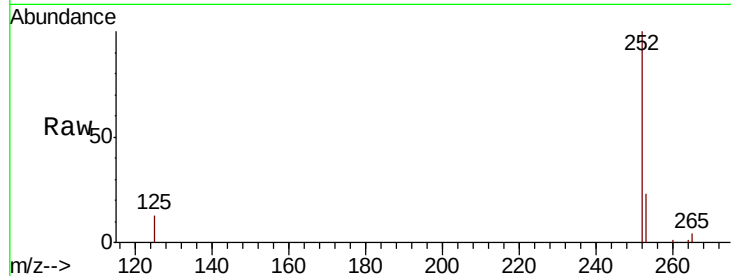
ClientSampleId :

C0AP3DL

Tot Ion:	252	Resp:	124488
Ion Ratio	Lower	Upper	
252	100		
253	23.4	27.0	40.4#
125	13.1	18.8	28.2#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:22:02 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.684 ng/ul

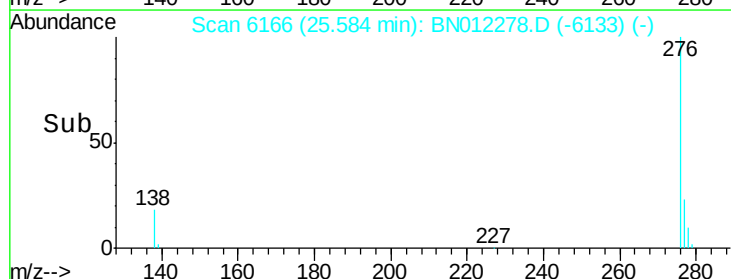
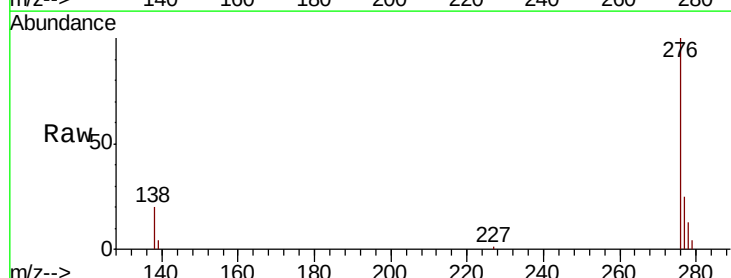
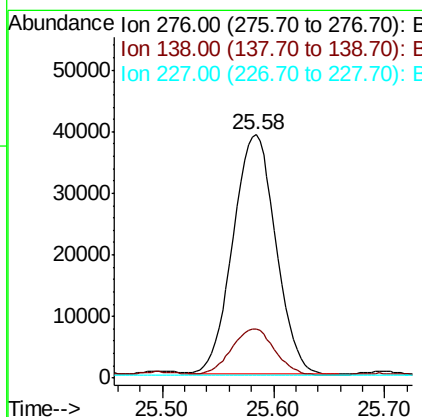
RT: 25.58 min Scan# 6166

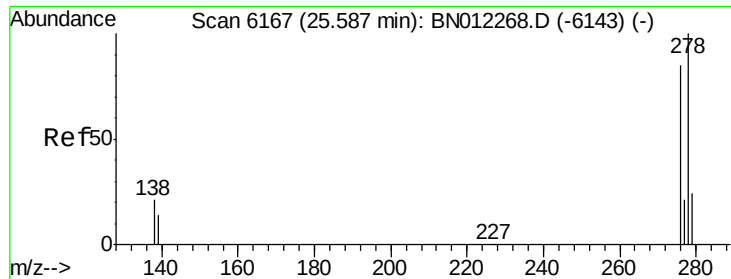
Delta R.T. 0.01 min

Lab File: BN012278.D

Acq: 16 Oct 2020 21:52

Tgt Ion:	276	Resp:	104594
Ion Ratio	Lower	Upper	
276	100		
138	19.4	0.0	0.0#
227	0.2	0.0	0.0#





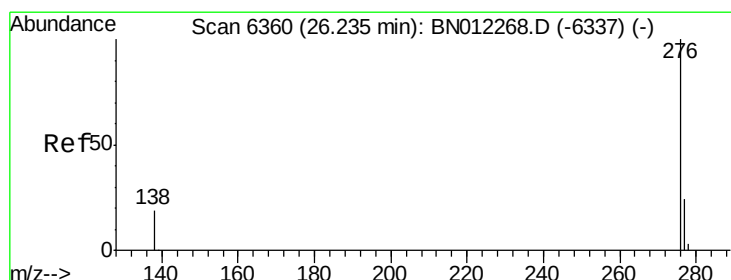
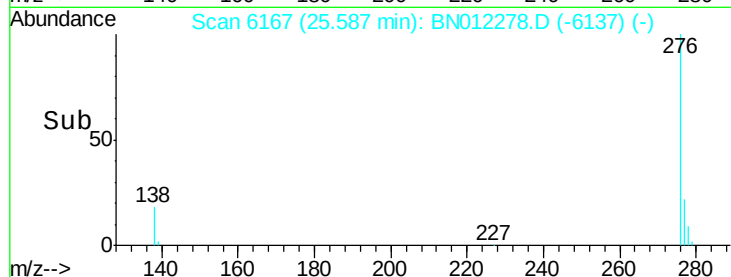
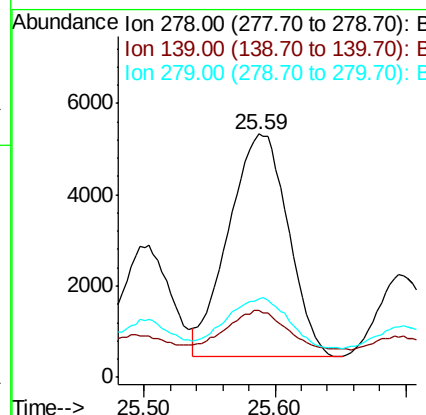
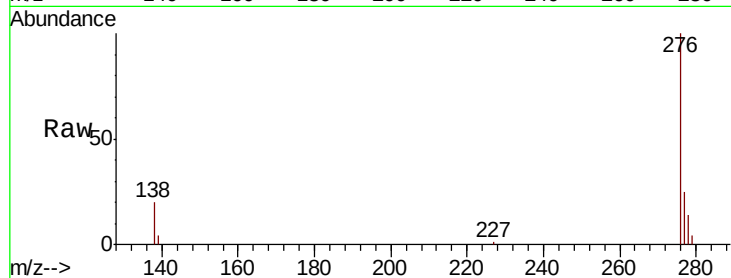
#25
Dibenzo(a,h)anthracene
Concen: 0.495 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.00 min
Lab File: BN012278.D
Acq: 16 Oct 2020 21:52

Instrument :
BNA_N
ClientSampleId :
C0AP3DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.3	15.7	23.5#
279	32.4	26.0	39.0

Manual Integrations
APPROVED

mohammad
10/19/2020 1:22:02 PM



#26
Benzo(g,h,i)perylene
Concen: 4.505 ng/ul
RT: 26.25 min Scan# 6366
Delta R.T. 0.02 min
Lab File: BN012278.D
Acq: 16 Oct 2020 21:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.1	25.7
277	24.0	21.1	31.7

