

Data File : BN012218.D
Acq On : 15 Oct 2020 05:57
Operator : CG/JU
Sample : L4184-15DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AP1DL

Manual Integrations
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Quant Time: Oct 15 07:59:02 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 : Thu Oct 15 04:47:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2090	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8758	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4978	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	10701	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	8628	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	8886	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	516	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	1143	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	4817	0.191	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	1409	0.088	ng/ul	98
7) Acenaphthylene	13.98	152	4371	0.202	ng/ul	98
8) Acenaphthene	14.32	153	2450	0.134	ng/ul	98
9) Fluorene	15.31	166	3327	0.164	ng/ul#	98
11) Pentachlorophenol	16.67	266	147	0.048	ng/ul	95
12) Phenanthrene	17.05	178	61187	1.794	ng/ul	98
13) Anthracene	17.14	178	14645	0.501	ng/ul	99
15) Fluoranthene	19.07	202	141855	3.556	ng/ul	99
17) Pyrene	19.44	202	122005	3.136	ng/ul	98
18) Benzo(a)anthracene	21.19	228	70050	2.192	ng/ul	98
19) Chrysene	21.24	228	67276	1.728	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	95588m	2.663	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	32796m	0.826	ng/ul	
23) Benzo(a)pyrene	23.30	252	64105	1.836	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.58	276	48130	1.073	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	12705	0.354	ng/ul#	83
26) Benzo(g,h,i)perylene	26.25	276	45439	1.105	ng/ul	98

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

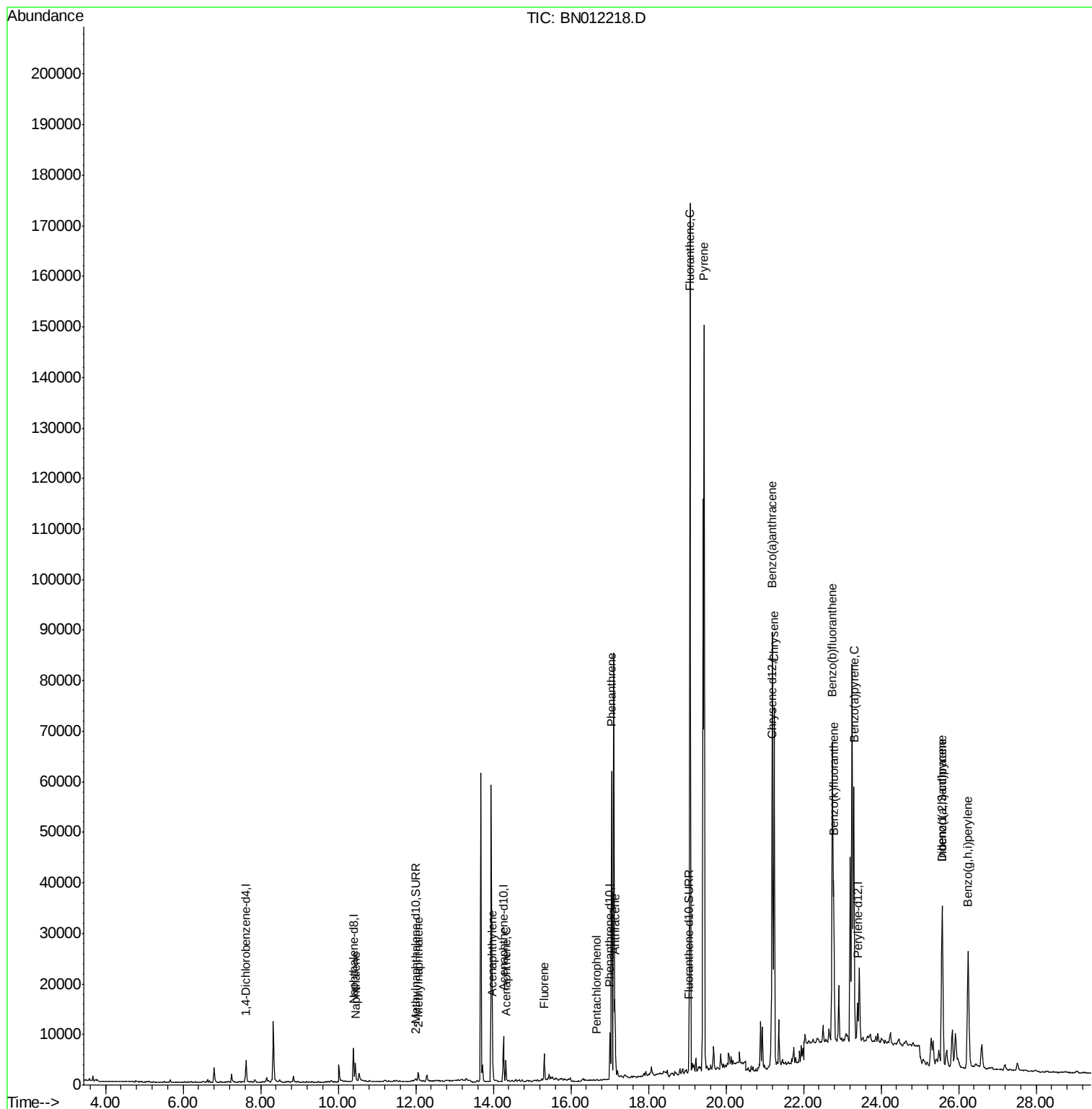
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Misc :
ALS Vial : 30 Sample Multiplier: 1

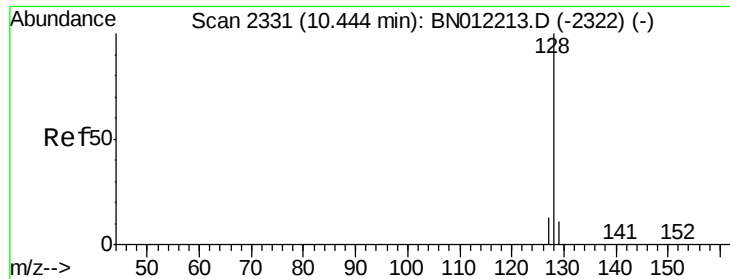
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Quant Time: Oct 15 07:59:02 2020
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#3

Naphthalene

Concen: 0.191 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

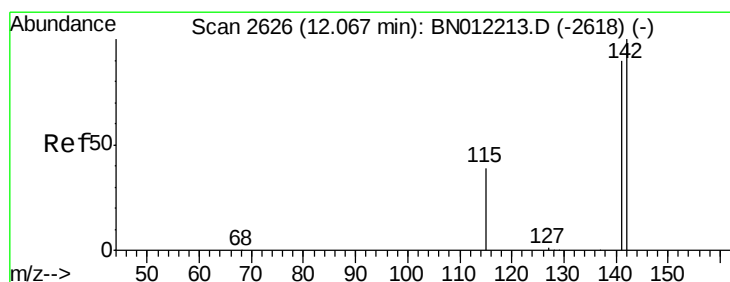
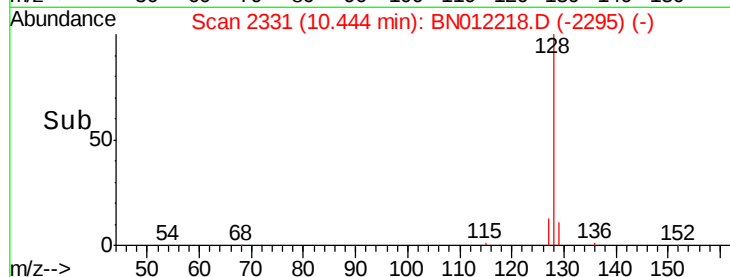
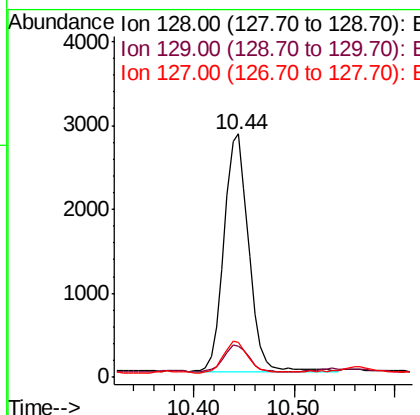
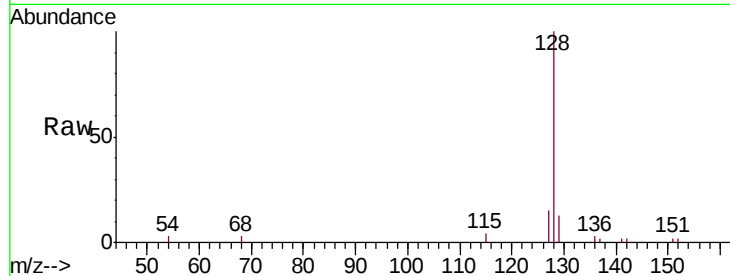
ClientSampleId :

C0AP1DL

Tgt Ion:	128	Resp:	4817
Ion Ratio	Lower	Upper	
128	100		
129	12.8	10.3	15.5
127	14.6	11.9	17.9

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#5

2-Methylnaphthalene

Concen: 0.088 ng/ul

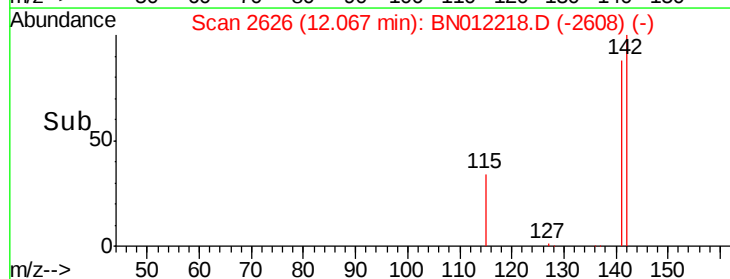
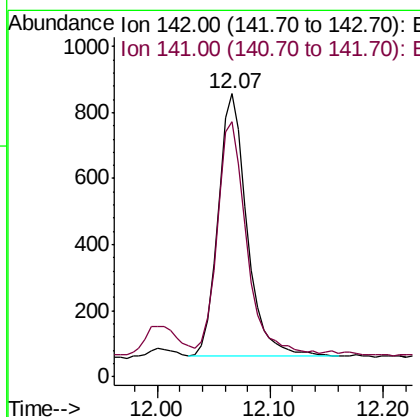
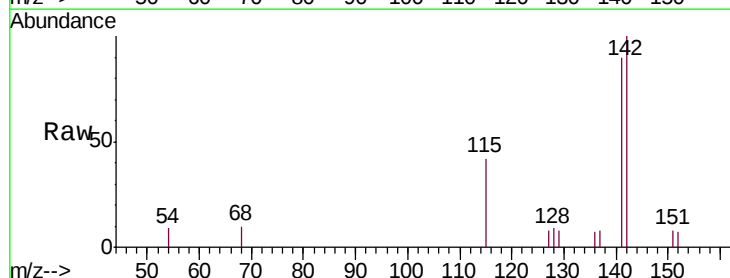
RT: 12.07 min Scan# 2626

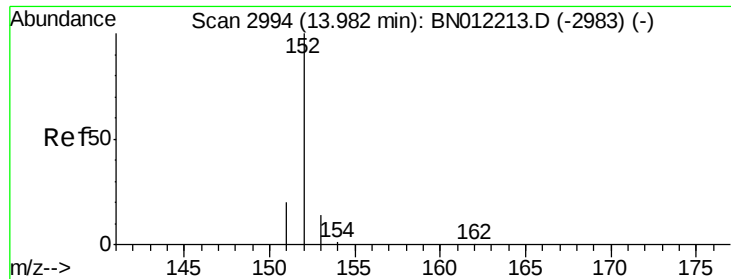
Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Tgt Ion:	142	Resp:	1409
Ion Ratio	Lower	Upper	
142	100		
141	91.4	71.7	107.5





#7

Acenaphthylene

Concen: 0.202 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

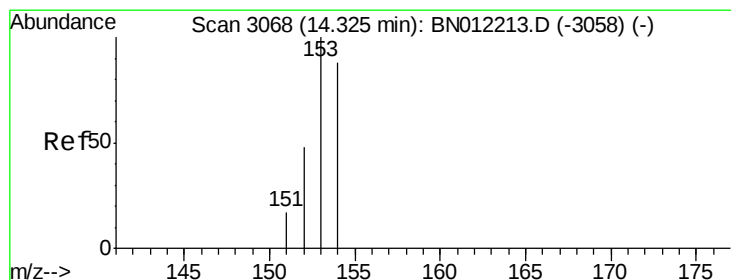
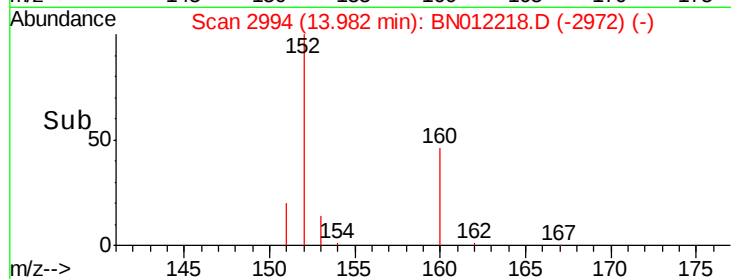
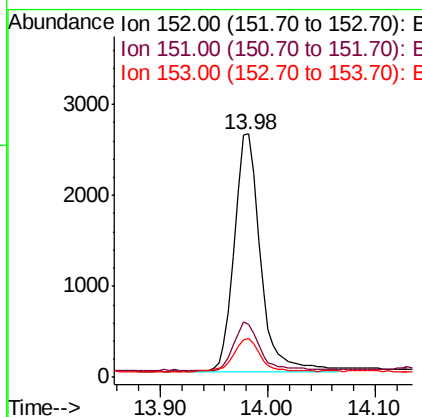
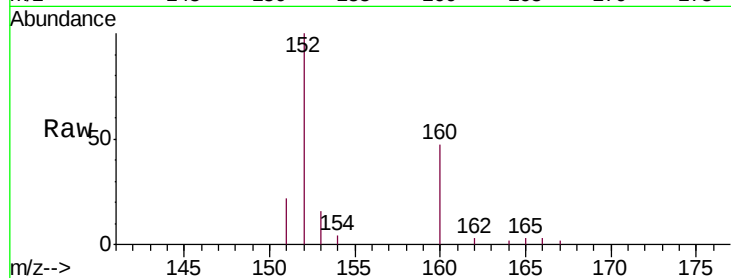
ClientSampleId :

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Tgt Ion:	152	Resp:	4371
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.7	25.1
153	15.9	11.8	17.8

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#8

Acenaphthene

Concen: 0.134 ng/ul

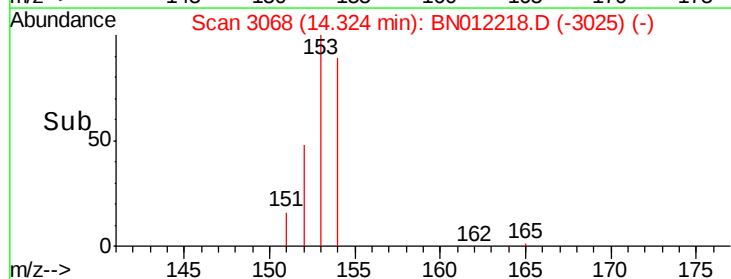
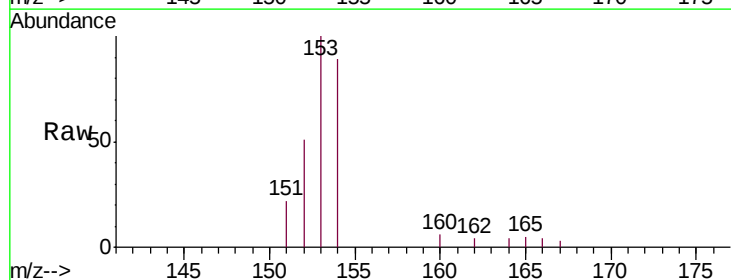
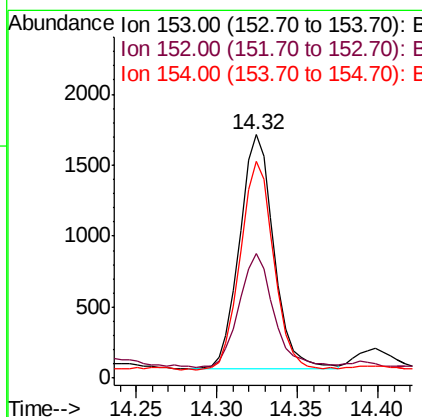
RT: 14.32 min Scan# 3068

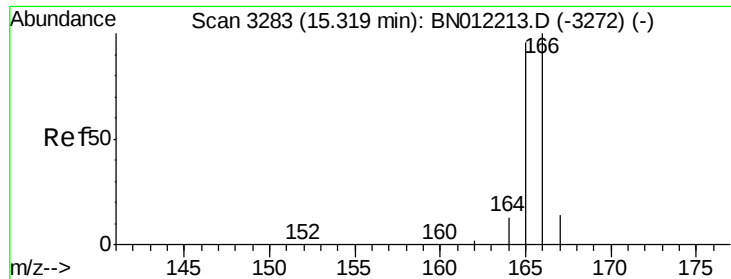
Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Tgt Ion:	153	Resp:	2450
Ion Ratio	Lower	Upper	
153	100		
152	51.3	38.2	57.2
154	88.8	71.1	106.7





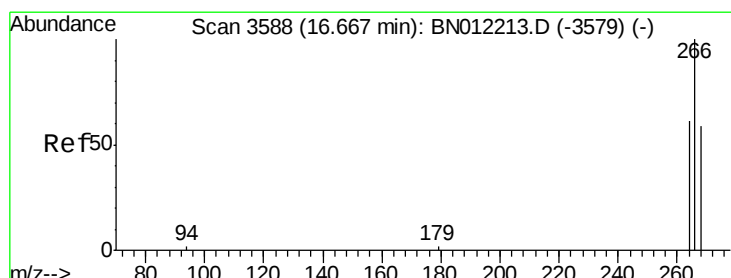
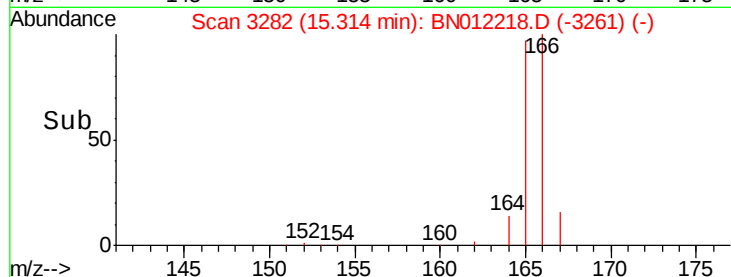
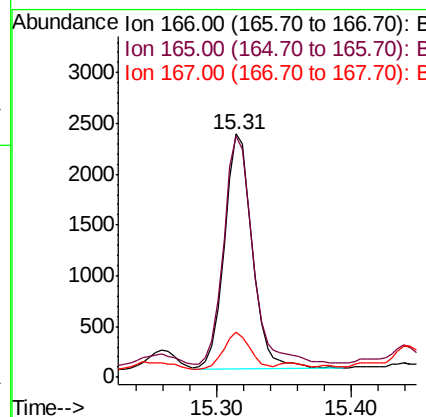
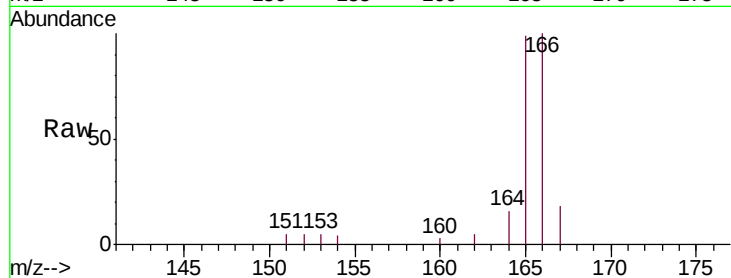
#9
Fluorene
 Concen: 0.164 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. -0.00 min
 Lab File: BN012218.D
 Acq: 15 Oct 2020 05:57

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	118.0
167	18.4	11.9	17.9

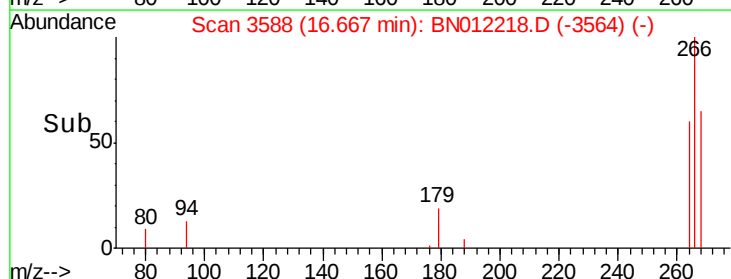
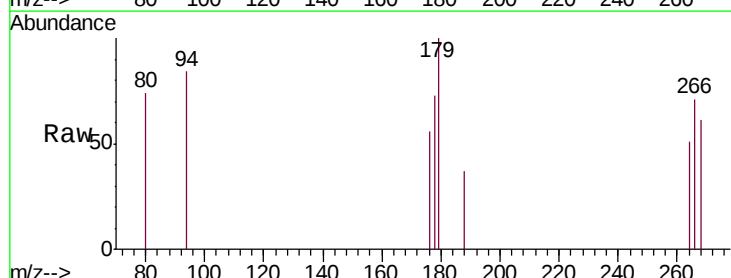
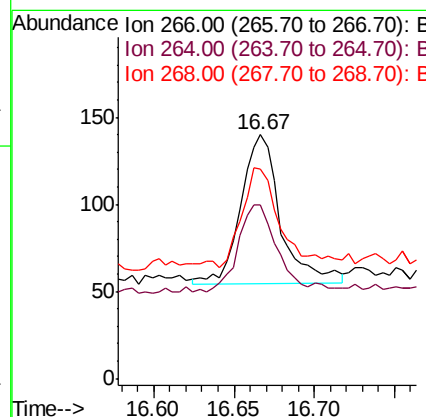
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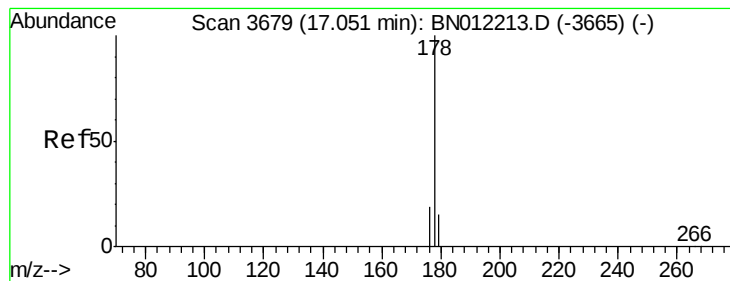
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#11
Pentachlorophenol
 Concen: 0.048 ng/ul
 RT: 16.67 min Scan# 3588
 Delta R.T. -0.00 min
 Lab File: BN012218.D
 Acq: 15 Oct 2020 05:57

Tgt Ion	Ratio	Lower	Upper
266	100		
264	57.8	50.3	75.5
268	68.0	52.4	78.6





#12

Phenanthrene

Concen: 1.794 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

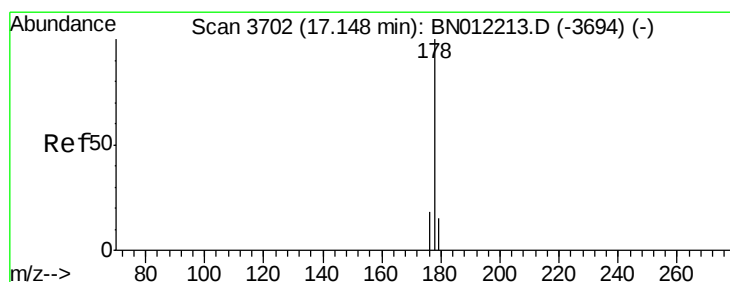
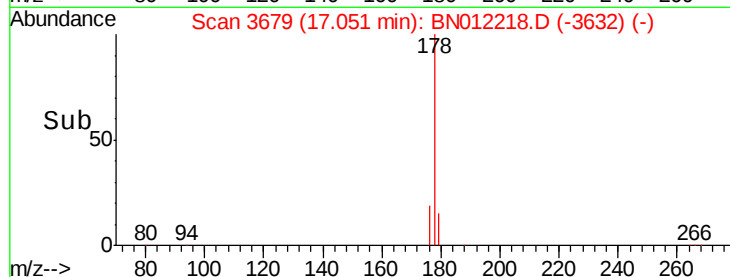
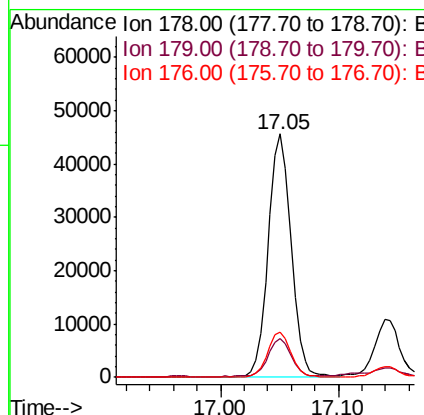
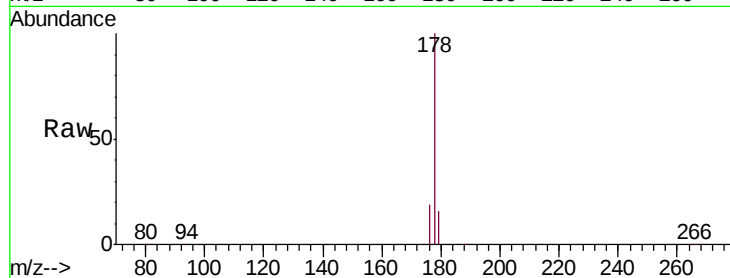
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	18.8	15.7	23.5

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#13

Anthracene

Concen: 0.501 ng/ul

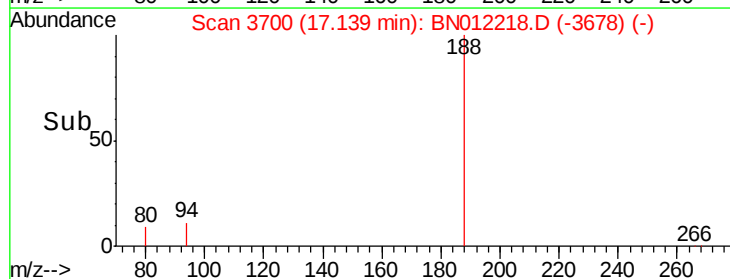
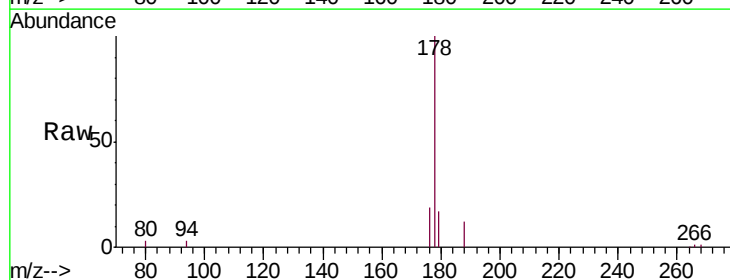
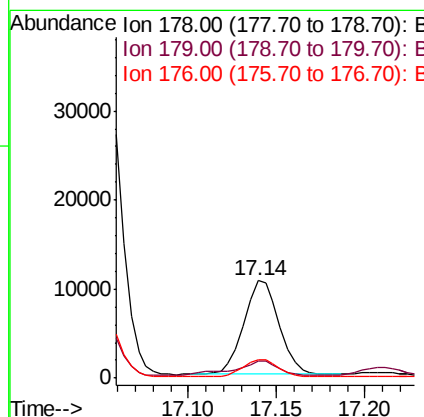
RT: 17.14 min Scan# 3700

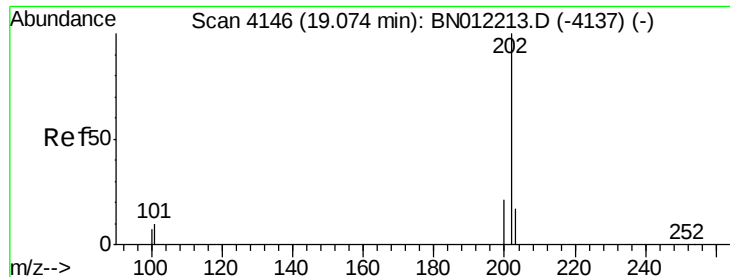
Delta R.T. -0.01 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.9	20.9
176	18.6	15.4	23.0





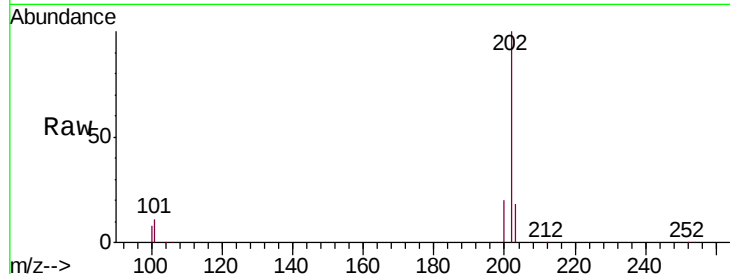
#15
Fluoranthene
Concen: 3.556 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN012218.D
Acq: 15 Oct 2020 05:57

Instrument :
BNA_N
ClientSampleId :
C0AP1DL

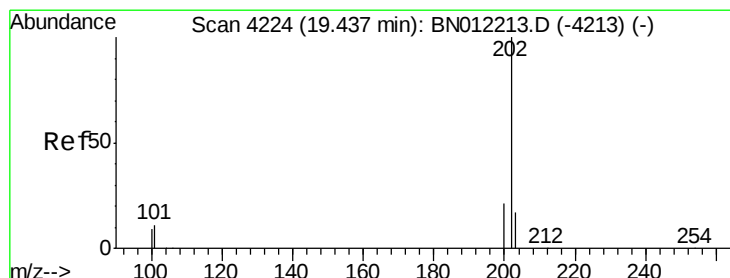
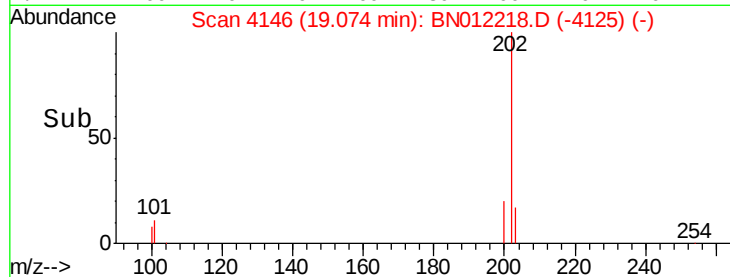
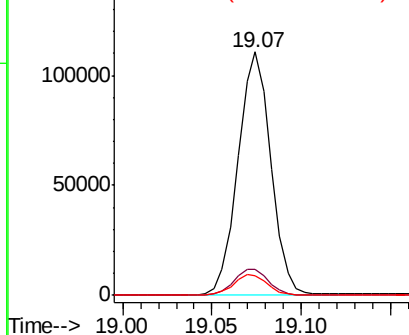
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	0.0	31.0
100	8.1	0.0	28.7

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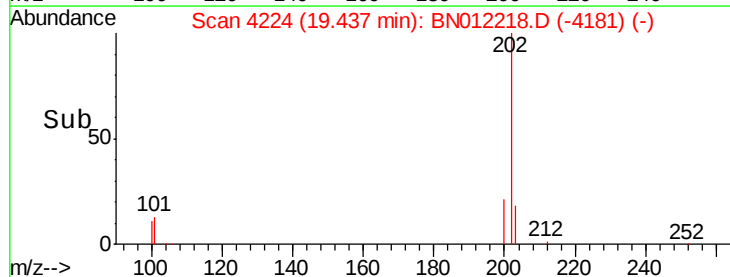
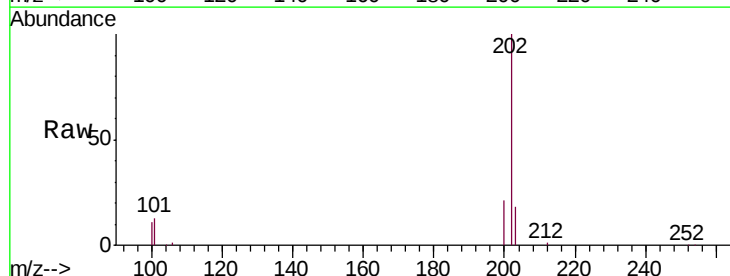
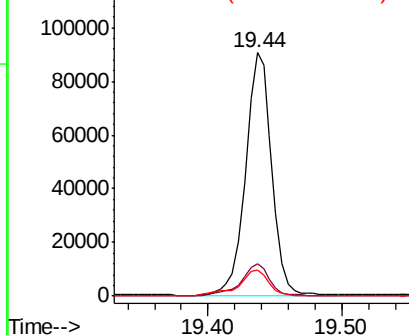
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Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

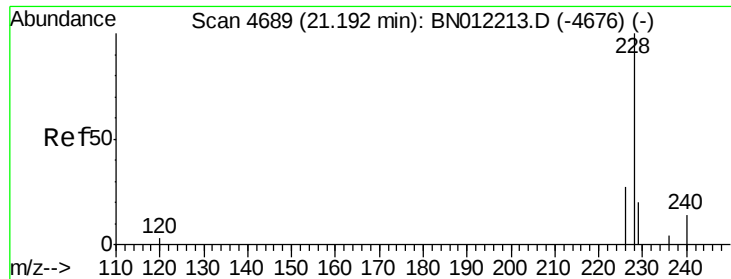


#17
Pyrene
Concen: 3.136 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012218.D
Acq: 15 Oct 2020 05:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	9.9	14.9
100	10.8	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: 2.192 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

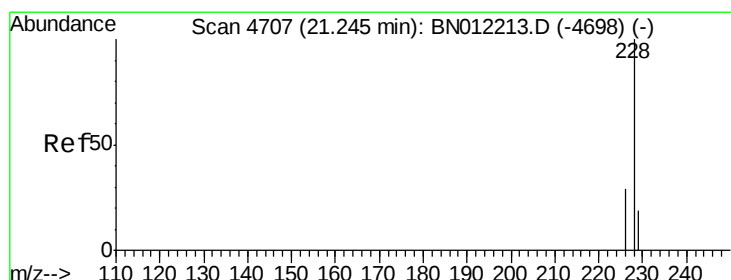
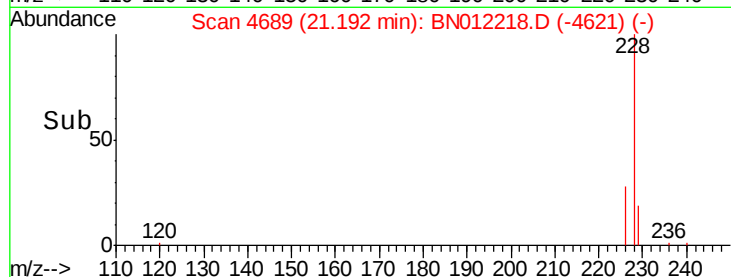
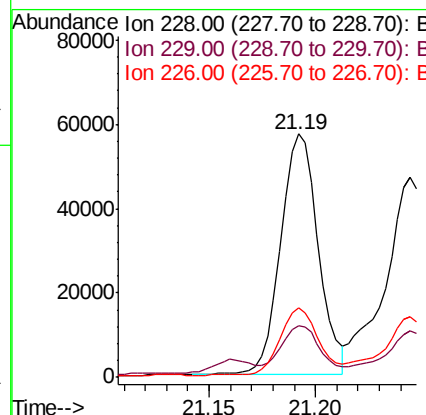
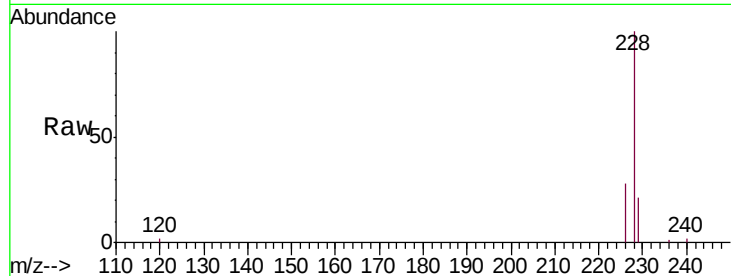
ClientSampleId :

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Tgt	Ion	228	Resp:	70050
Ion	Ratio	Lower	Upper	
228	100			
229	21.5	15.8	23.8	
226	28.4	22.6	33.8	

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#19

Chrysene

Concen: 1.728 ng/ul

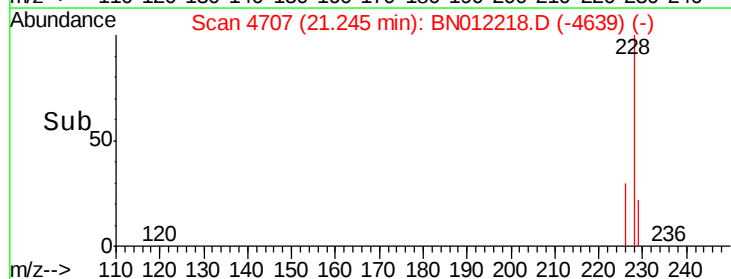
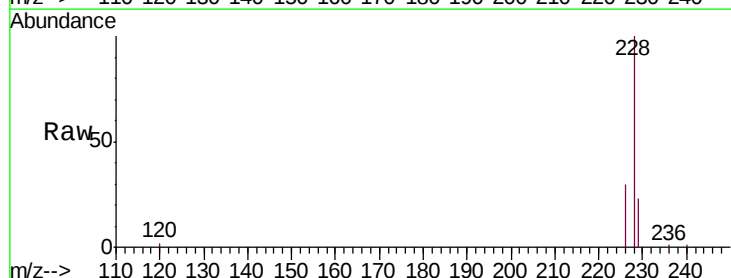
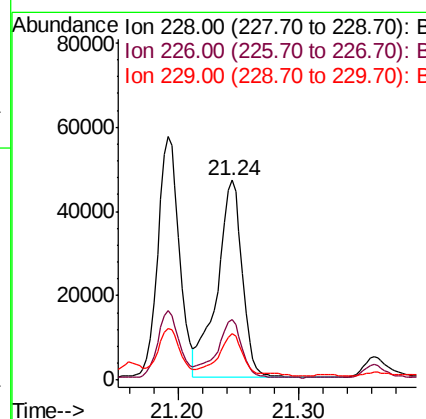
RT: 21.24 min Scan# 4707

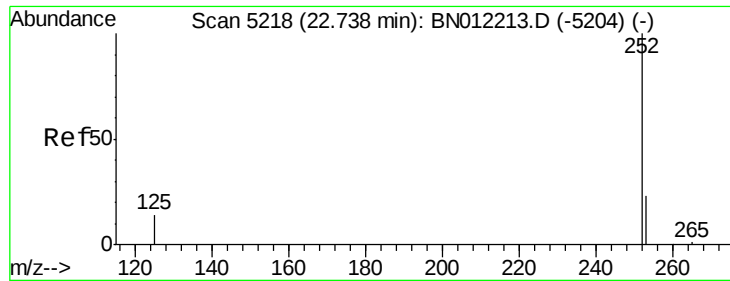
Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Tgt	Ion	228	Resp:	67276
Ion	Ratio	Lower	Upper	
228	100			
226	30.3	24.6	37.0	
229	23.3	17.0	25.6	





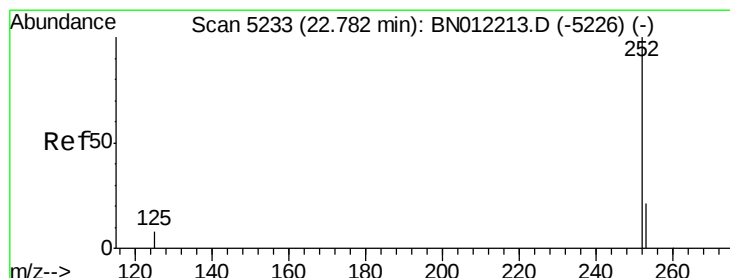
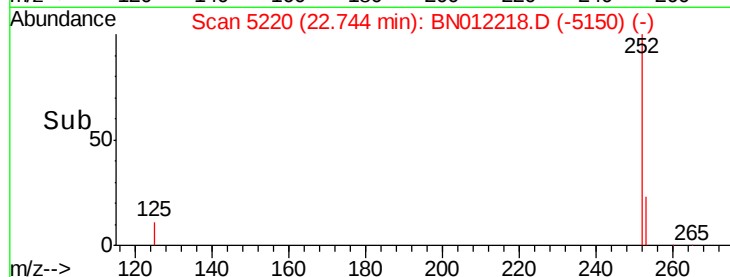
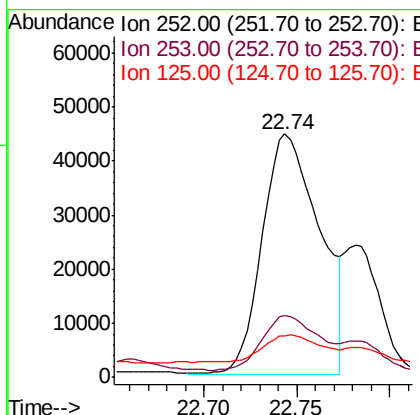
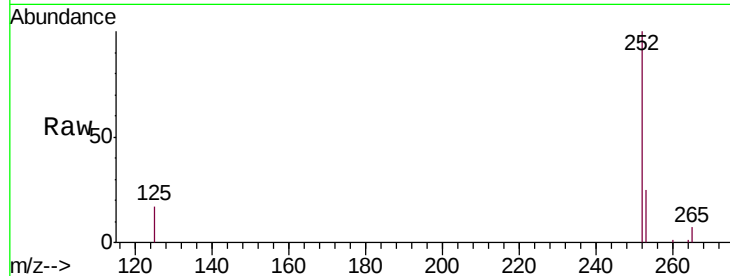
#21
Benzo(b)fluoranthene
Concen: 2.663 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. 0.01 min
Lab File: BN012218.D
Acq: 15 Oct 2020 05:57

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C0AP1DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	95588		
253	25.5	0.0	61.6	
125	17.3	0.0	36.8	

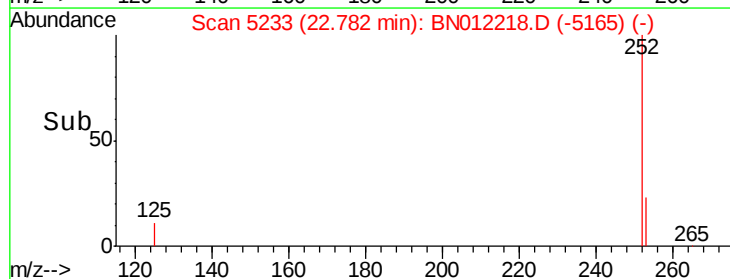
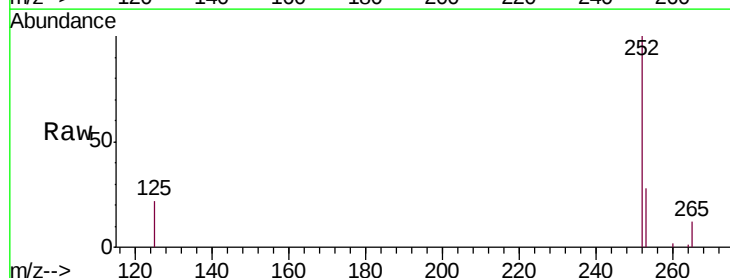
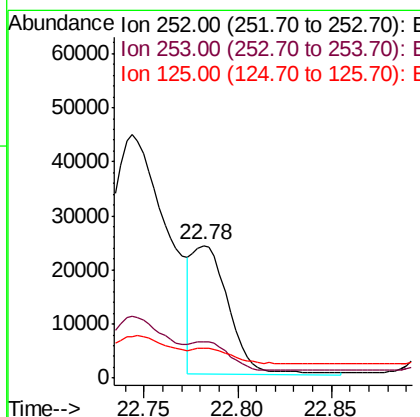
Manual Integrations
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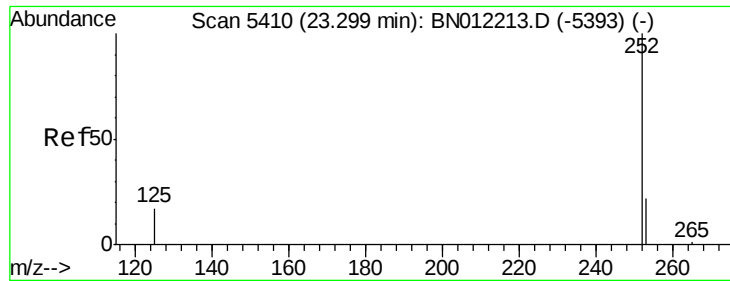
mohammad
10/19/2020 1:18:58 PM



#22
Benzo(k)fluoranthene
Concen: 0.826 ng/ul m
RT: 22.78 min Scan# 5233
Delta R.T. -0.00 min
Lab File: BN012218.D
Acq: 15 Oct 2020 05:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	32796		
253	27.6	24.4	36.6	
125	22.2	12.9	19.3	





#23

Benzo(a)pyrene

Concen: 1.836 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. -0.00 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Instrument :

BNA_N

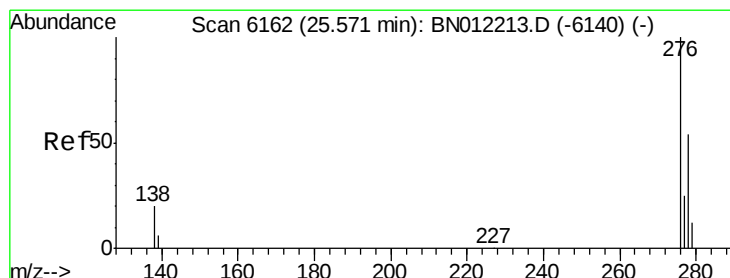
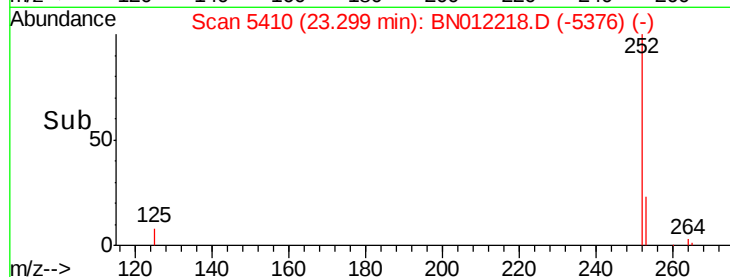
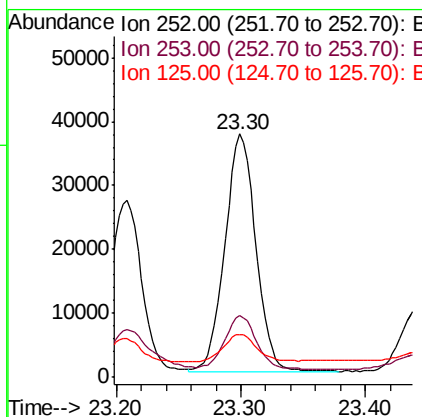
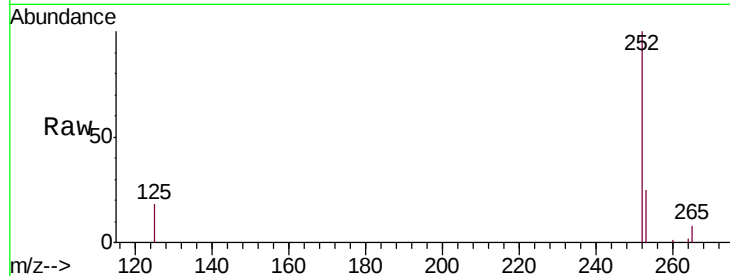
ClientSampleID :

C0AP1DL

Tgt Ion:	252	Resp:	64105
Ion Ratio	Lower	Upper	
252	100		
253	25.4	27.0	40.4#
125	17.7	18.8	28.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.073 ng/ul

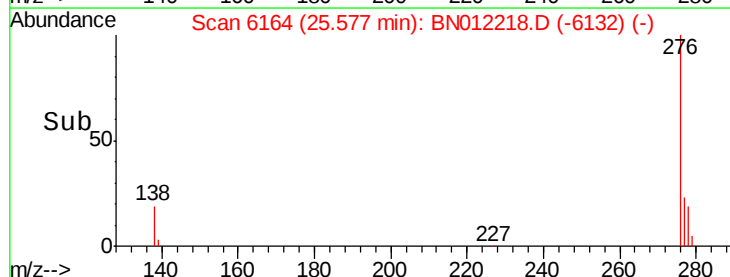
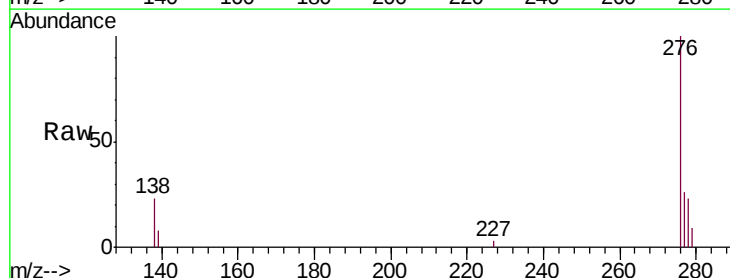
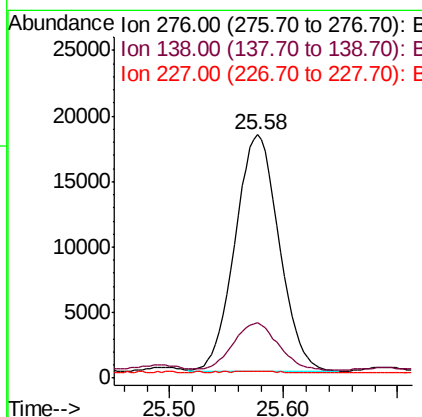
RT: 25.58 min Scan# 6164

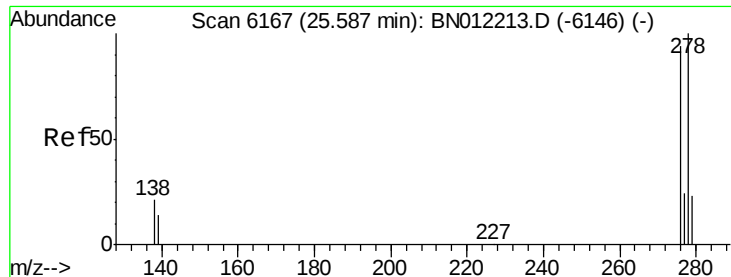
Delta R.T. 0.01 min

Lab File: BN012218.D

Acq: 15 Oct 2020 05:57

Tgt Ion:	276	Resp:	48130
Ion Ratio	Lower	Upper	
276	100		
138	20.2	0.0	0.0#
227	0.4	0.0	0.0#





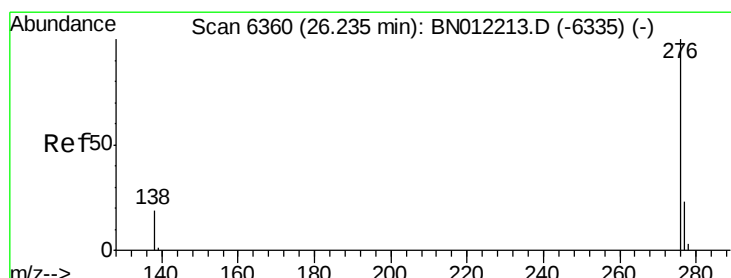
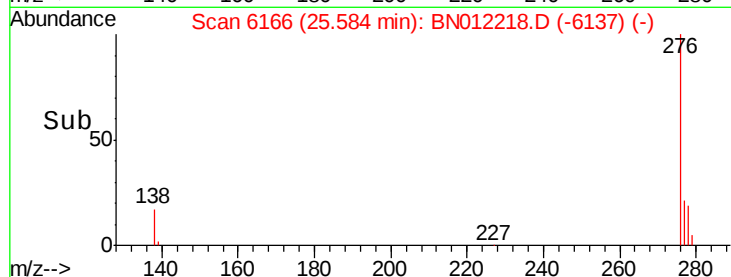
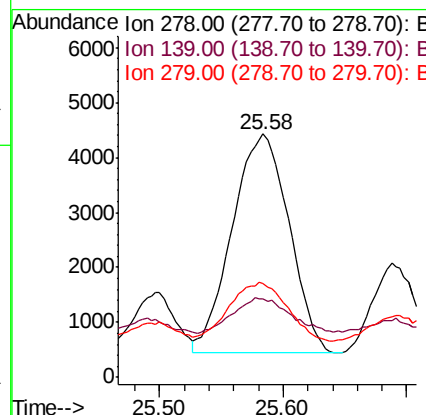
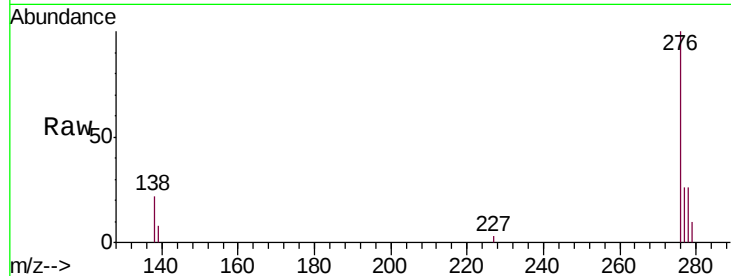
#25
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.00 min
Lab File: BN012218.D
Acq: 15 Oct 2020 05:57

Instrument :
BNA_N
ClientSampleId :
C0AP1DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.1	15.7	23.5#
279	38.4	26.0	39.0

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#26
Benzo(g,h,i)perylene
Concen: 1.105 ng/ul
RT: 26.25 min Scan# 6364
Delta R.T. 0.01 min
Lab File: BN012218.D
Acq: 15 Oct 2020 05:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	17.1	25.7
277	25.4	21.1	31.7

