

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012969.D
 Acq On : 08 Dec 2020 10:21
 Operator : CG/JU
 Sample : L4859-17
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B95

Manual Integrations
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mohammad
 12/9/2020 12:24:32 PM

Quant Time: Dec 08 12:07:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:24:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1126	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4667	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2572	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5384	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4323	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3711	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	2579	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	5551	0.38	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	1745	0.129	ng/ul	98
5) 2-Methylnaphthalene	11.83	142	535	0.060	ng/ul	98
7) Acenaphthylene	13.76	152	3318	0.273	ng/ul	99
8) Acenaphthene	14.11	153	514	0.051	ng/ul	95
9) Fluorene	15.11	166	668	0.058	ng/ul#	95
12) Phenanthrene	16.85	178	20022	1.109	ng/ul	97
13) Anthracene	16.94	178	4025	0.262	ng/ul	98
15) Fluoranthene	18.88	202	68083	3.174	ng/ul	98
17) Pyrene	19.25	202	62691	3.070	ng/ul	100
18) Benzo(a)anthracene	21.02	228	33513	1.874	ng/ul	100
19) Chrysene	21.07	228	35421	1.792	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	47300m	2.755	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	17728m	0.934	ng/ul	
23) Benzo(a)pyrene	23.04	252	28734	1.804	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.19	276	19148	0.915	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	4754	0.287	ng/ul#	95
26) Benzo(a,h,i)perylene	25.82	276	16781	0.887	ng/ul	97

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

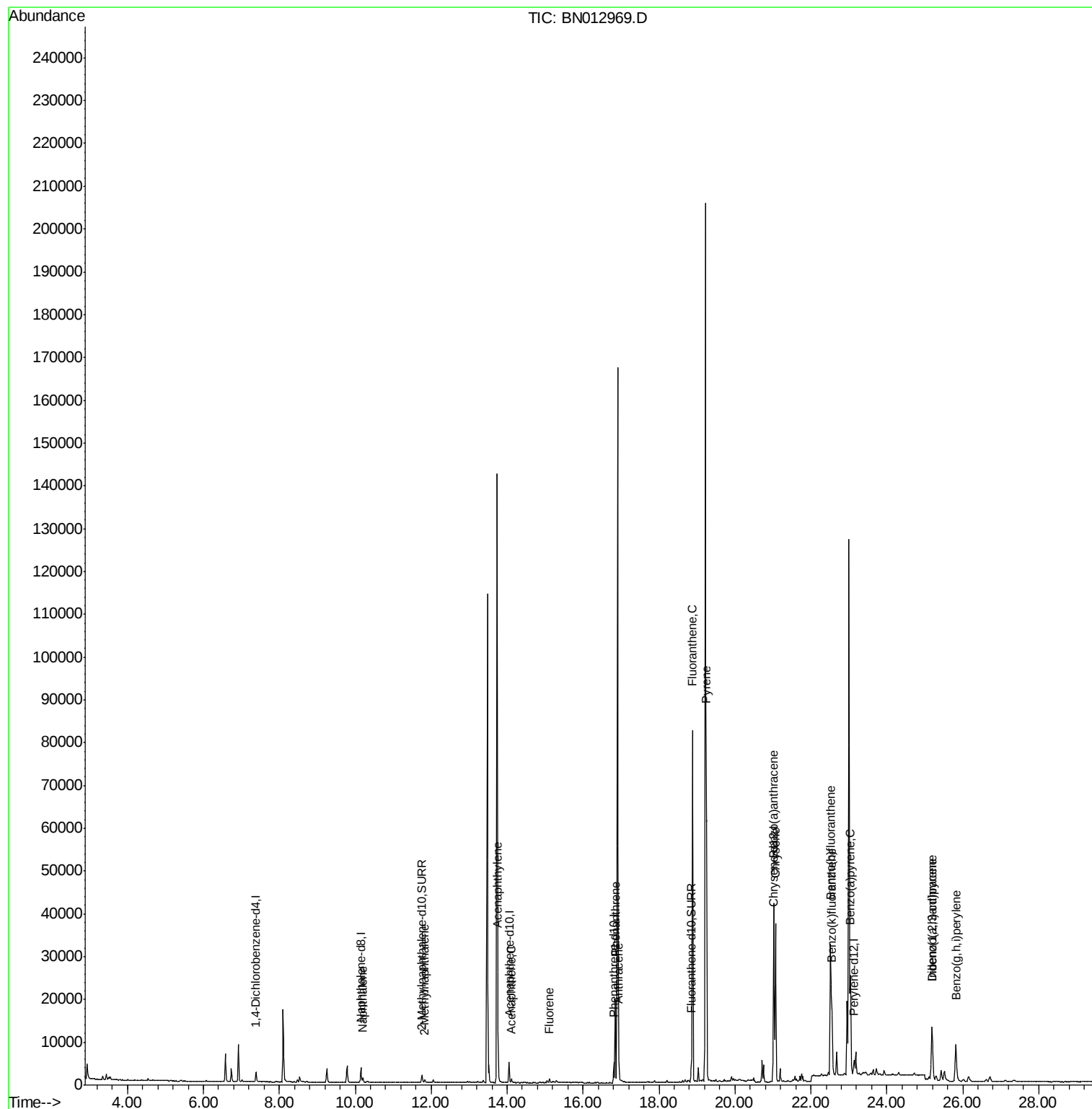
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012969.D
Acq On : 08 Dec 2020 10:21
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Sample : L4859-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

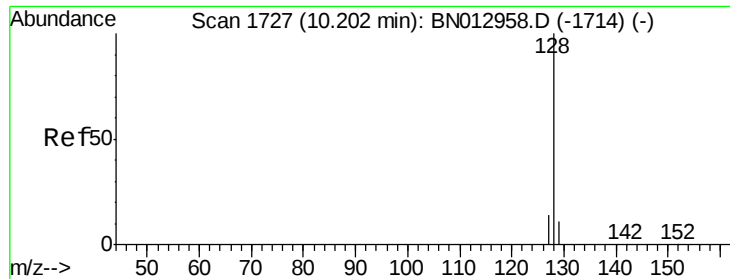
Instrument :
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C0B95

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Mon Dec 07 12:24:06 2020
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#3

Naphthalene

Concen: 0.129 ng/ul

RT: 10.20 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BN012969.D

Acq: 08 Dec 2020 10:21

Instrument :

BNA_N

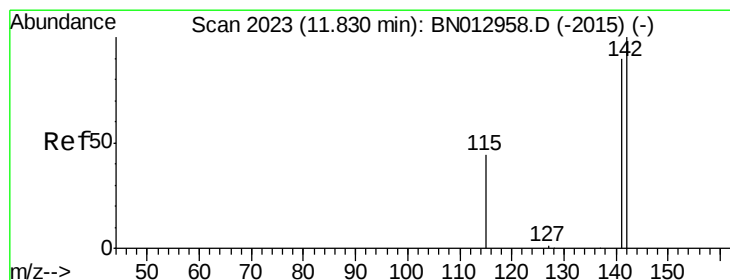
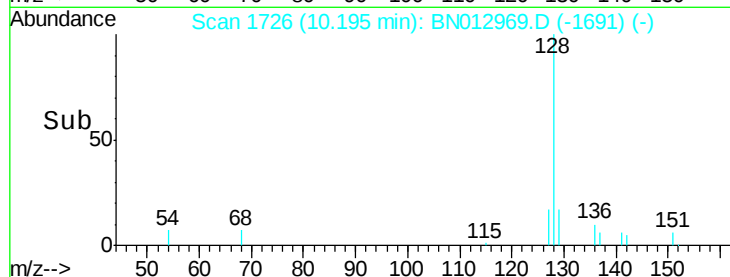
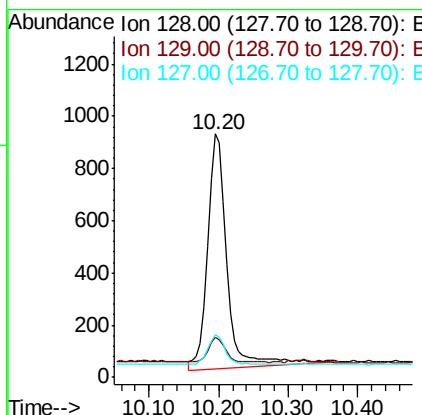
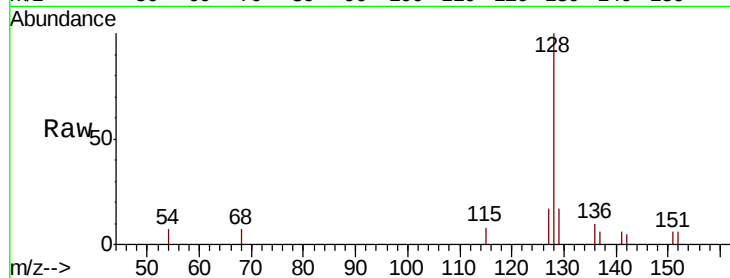
ClientSampleId :

C0B95

Tot Ion:	128	Resp:	1745
Ion	Ratio	Lower	Upper
128	100		
129	16.6	12.3	18.5
127	17.3	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 0.060 ng/ul

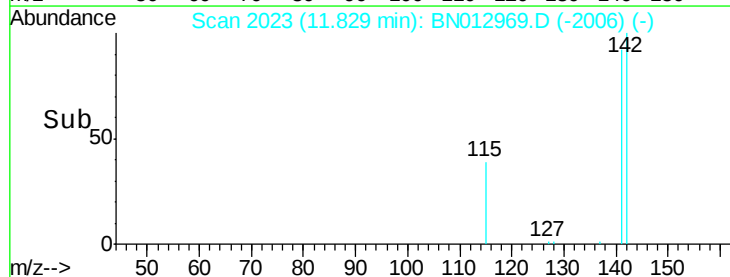
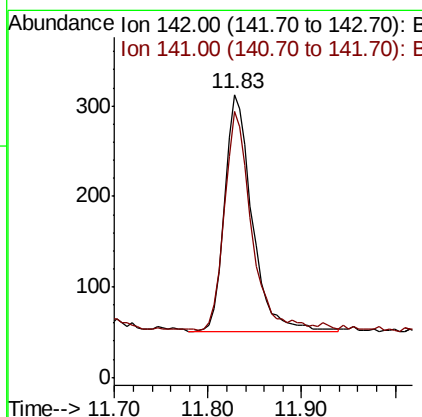
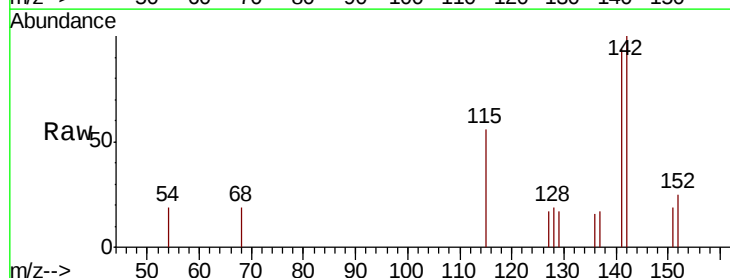
RT: 11.83 min Scan# 2023

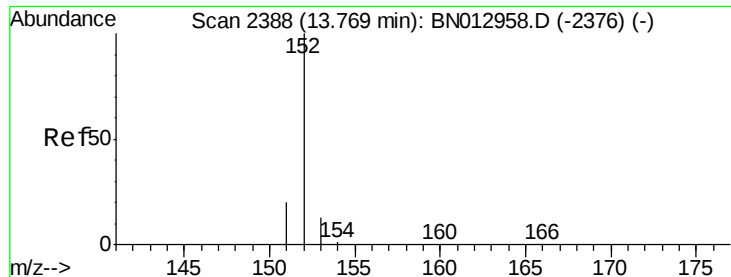
Delta R.T. -0.01 min

Lab File: BN012969.D

Acq: 08 Dec 2020 10:21

Tgt Ion:	142	Resp:	535
Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.0	109.6





#7

Acenaphthylene

Concen: 0.273 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BN012969.D

Acq: 08 Dec 2020 10:21

Instrument :

BNA_N

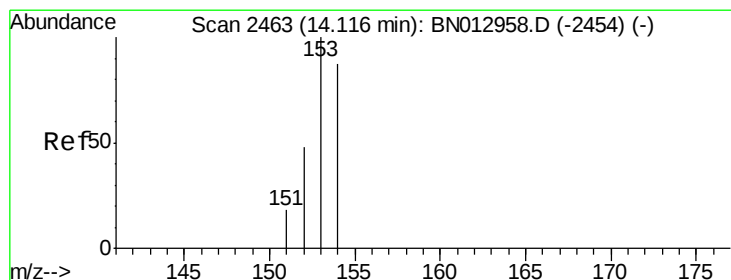
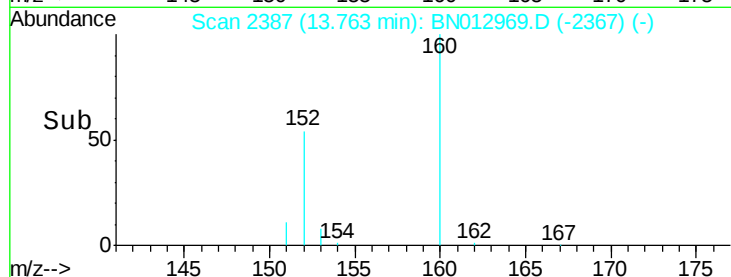
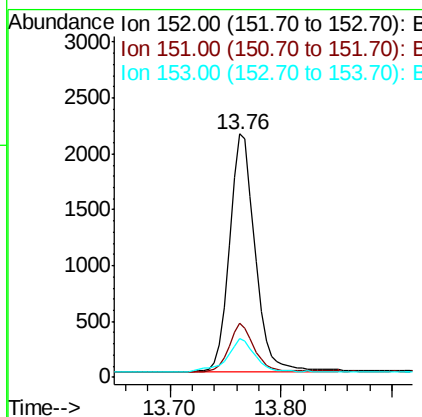
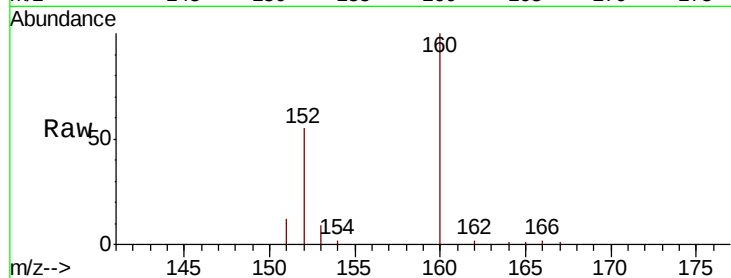
ClientSampleId :

C0B95

Tot Ion:	152	Resp:	3318
Ion Ratio	Lower	Upper	
152	100		
151	22.2	18.2	27.4
153	16.1	13.1	19.7

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#8

Acenaphthene

Concen: 0.051 ng/ul

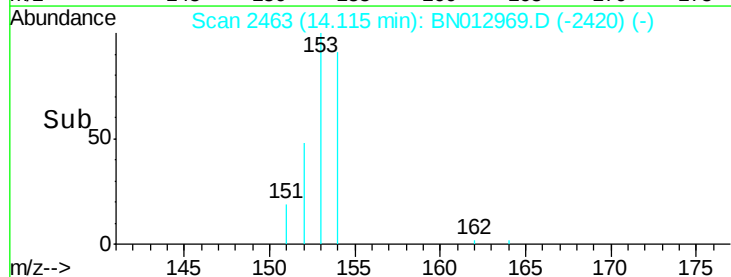
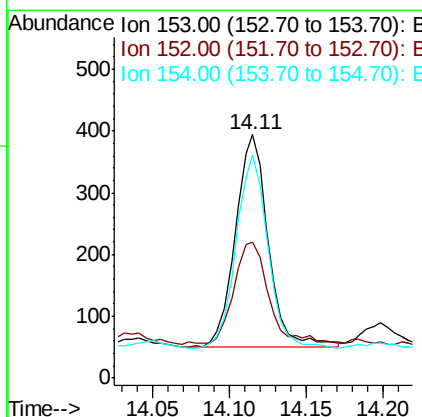
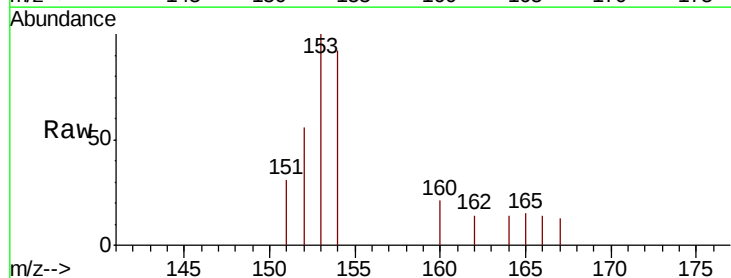
RT: 14.11 min Scan# 2463

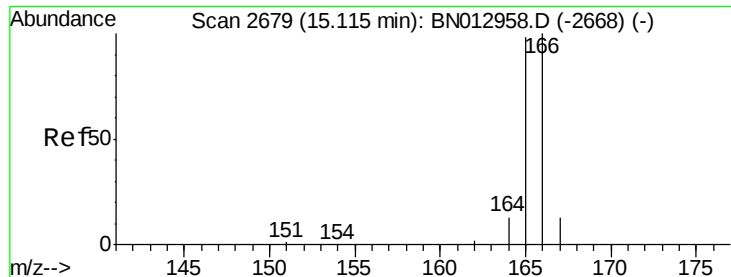
Delta R.T. -0.00 min

Lab File: BN012969.D

Acq: 08 Dec 2020 10:21

Tgt Ion:	153	Resp:	514
Ion Ratio	Lower	Upper	
153	100		
152	55.8	40.7	61.1
154	91.6	70.8	106.2





#9

Fluorene

Concen: 0.058 ng/ul

RT: 15.11 min Scan# 2679

Delta R.T. -0.00 min

Lab File: BN012969.D

Acq: 08 Dec 2020 10:21

Instrument :

BNA_N

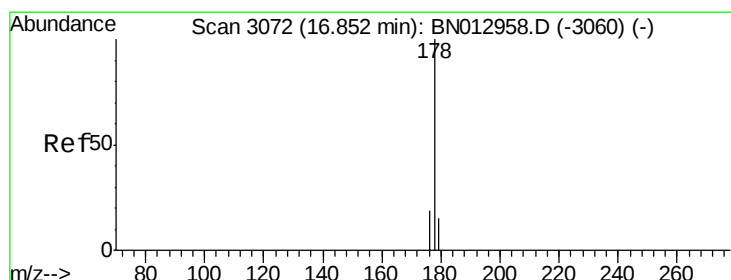
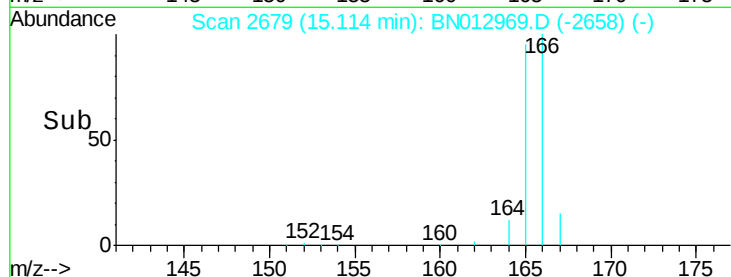
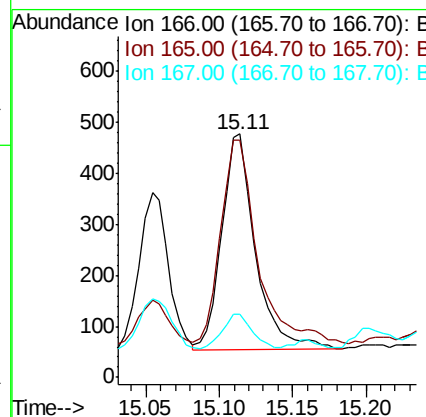
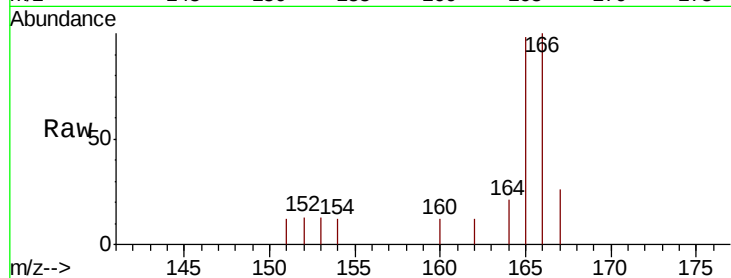
ClientSampleId :

C0B95

Tot Ion:	166	Resp:	668
Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	25.8	13.8	20.8

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#12

Phenanthrene

Concen: 1.109 ng/ul

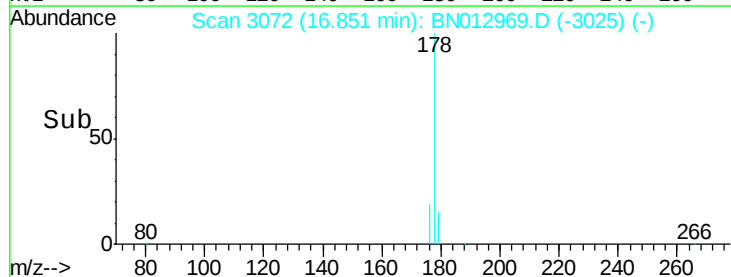
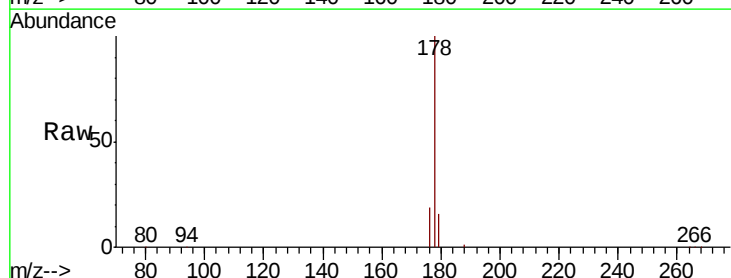
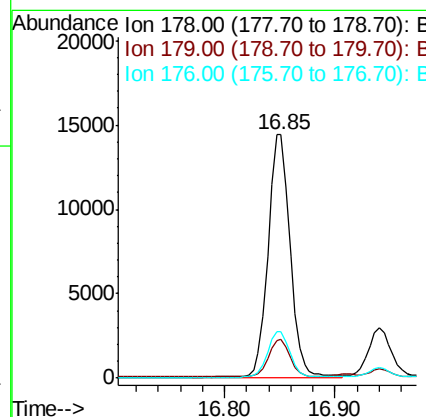
RT: 16.85 min Scan# 3072

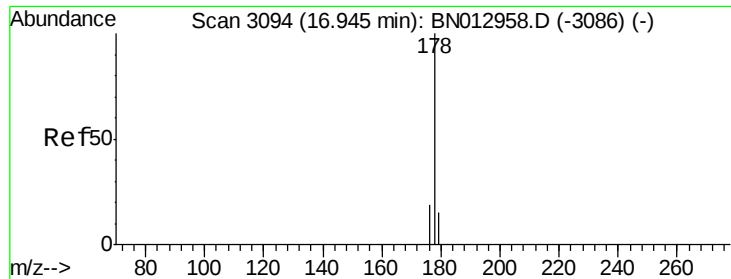
Delta R.T. -0.00 min

Lab File: BN012969.D

Acq: 08 Dec 2020 10:21

Tgt Ion:	178	Resp:	20022
Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.6	20.4
176	18.9	16.4	24.6





#13

Anthracene

Concen: 0.262 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BN012969.D

Acq: 08 Dec 2020 10:21

Instrument :

BNA_N

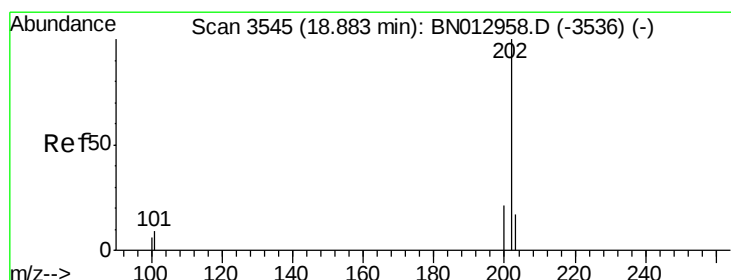
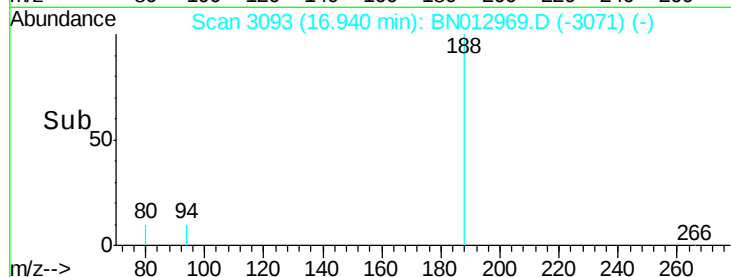
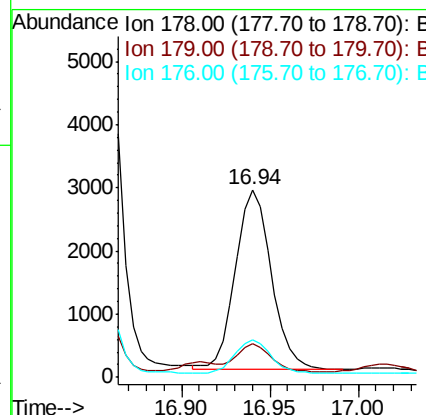
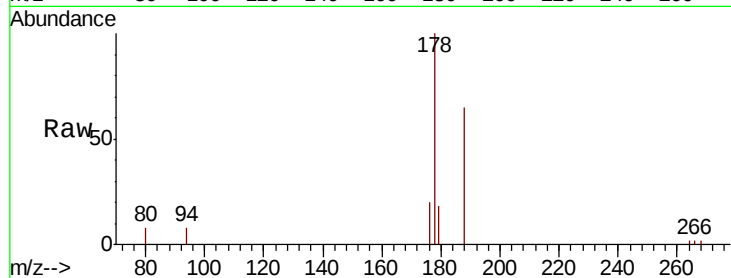
ClientSampled :

C0B95

Tot Ion:	178	Resp:	4025
Ion Ratio	Lower	Upper	
178	100		
179	17.7	14.6	21.8
176	20.0	17.1	25.7

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#15

Fluoranthene

Concen: 3.174 ng/ul

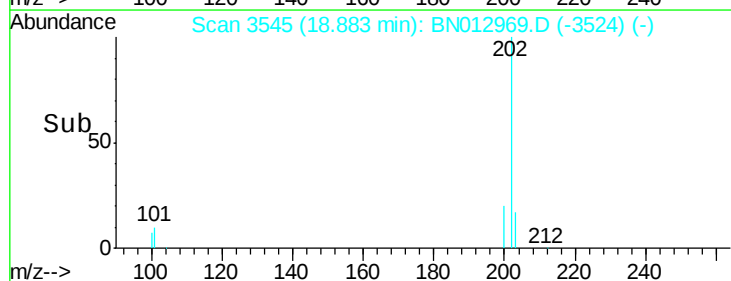
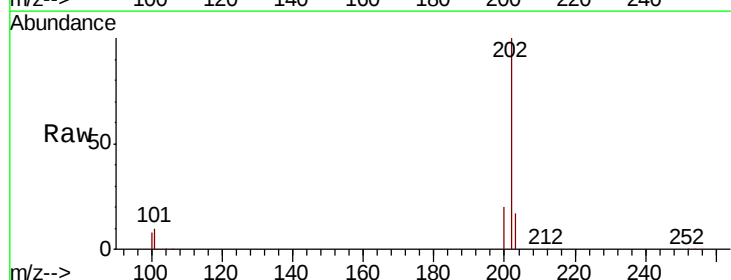
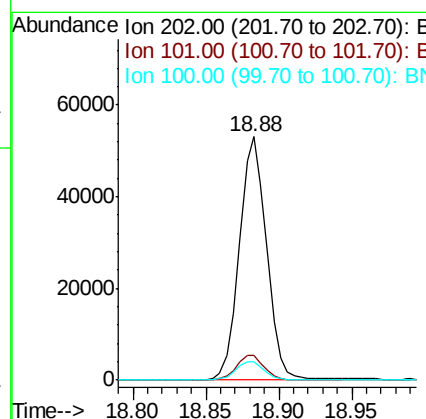
RT: 18.88 min Scan# 3545

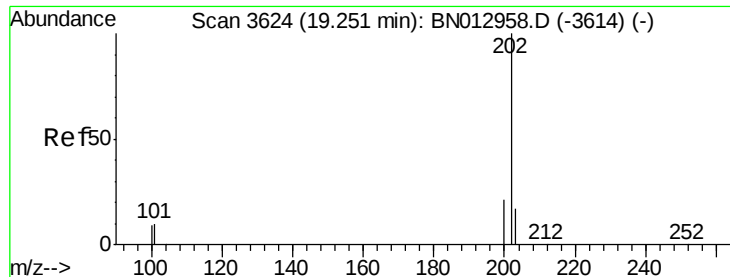
Delta R.T. -0.00 min

Lab File: BN012969.D

Acq: 08 Dec 2020 10:21

Tgt Ion:	202	Resp:	68083
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.6
100	7.5	0.0	28.7





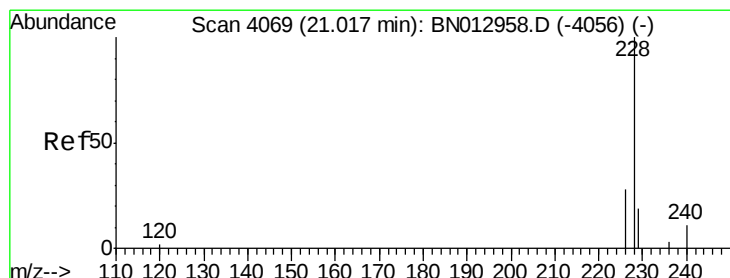
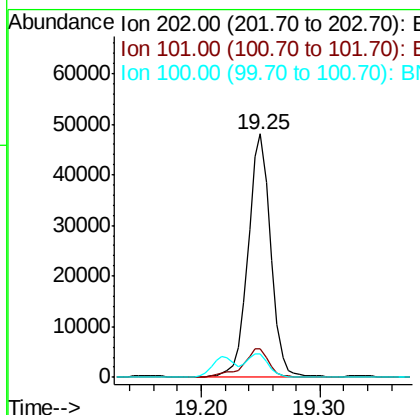
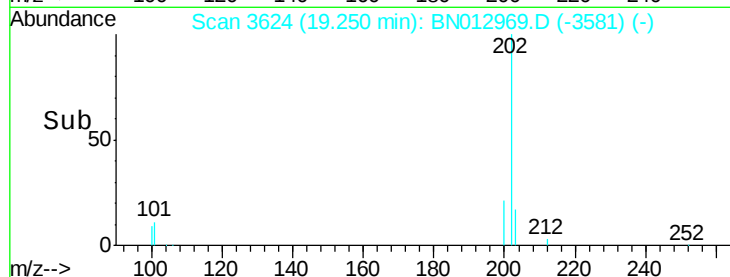
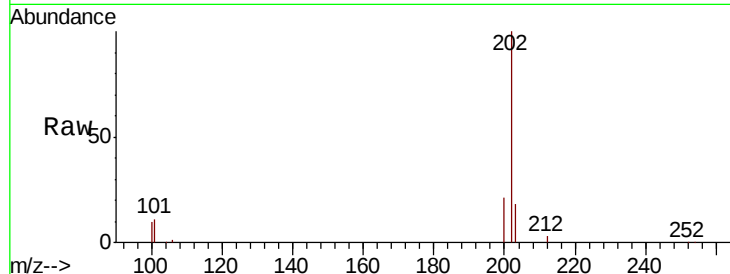
#17
Pvrene
Concen: 3.070 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.00 min
Lab File: BN012969.D
Acq: 08 Dec 2020 10:21

Instrument :
BNA_N
ClientSampleId :
C0B95

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
100	9.5	7.5	11.3

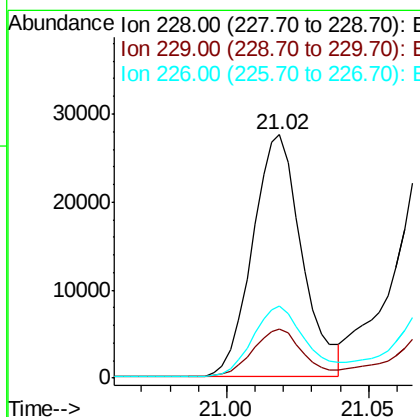
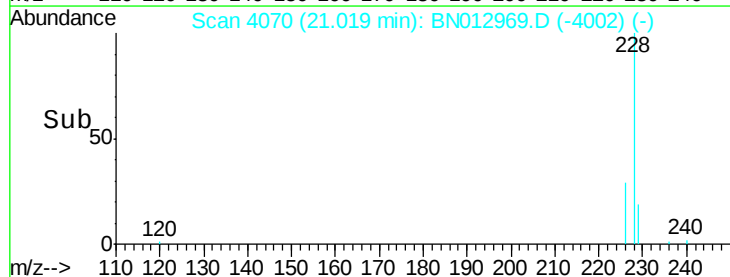
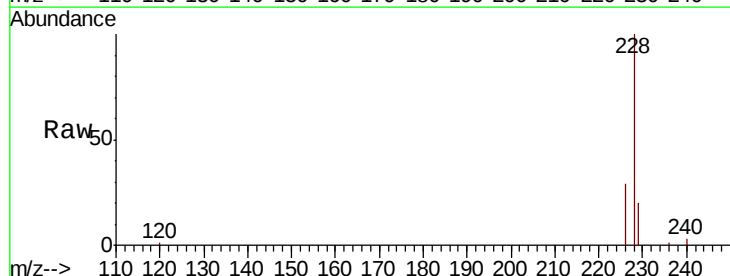
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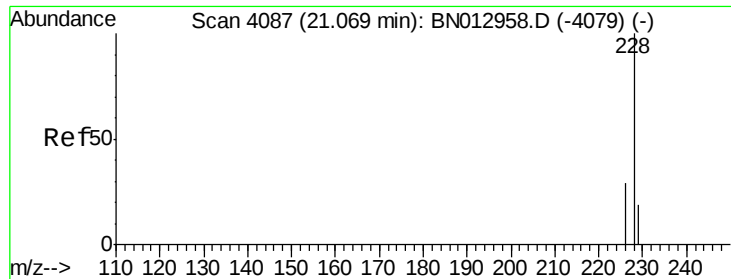
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#18
Benzo(a)anthracene
Concen: 1.874 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012969.D
Acq: 08 Dec 2020 10:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.3	24.5
226	29.4	23.4	35.2





#19

Chrysene

Concen: 1.792 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012969.D

Acq: 08 Dec 2020 10:21

Instrument :

BNA_N

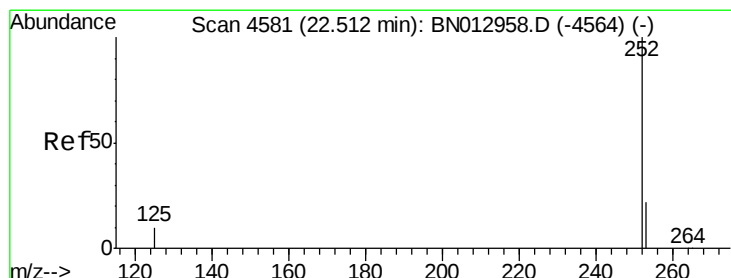
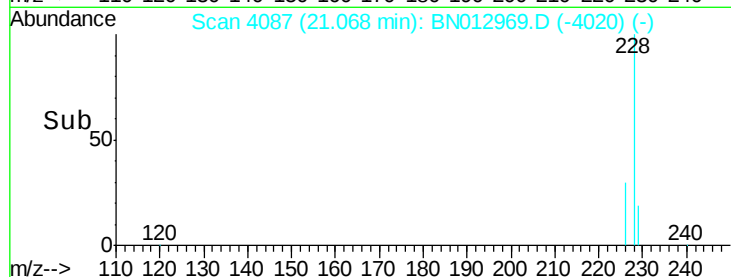
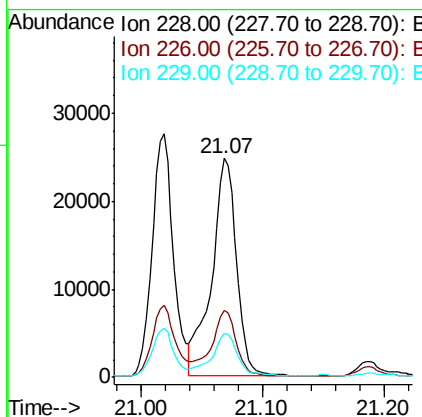
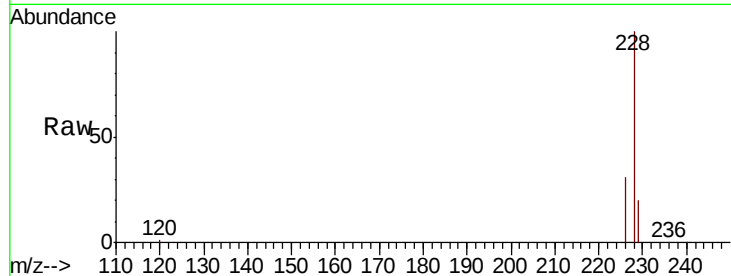
ClientSampleId :

C0B95

Tot Ion:	228	Resp:	35421
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	19.8	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 2.755 ng/ul m

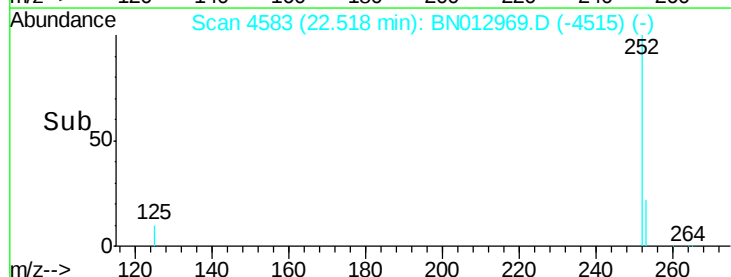
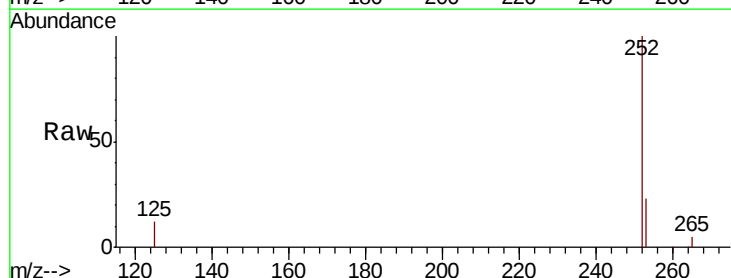
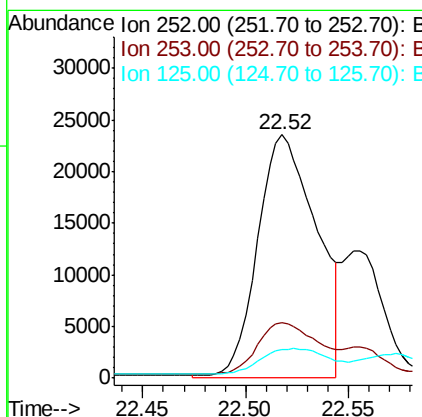
RT: 22.52 min Scan# 4583

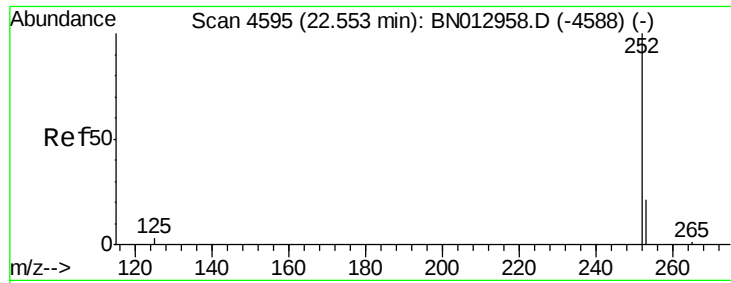
Delta R.T. -0.00 min

Lab File: BN012969.D

Acq: 08 Dec 2020 10:21

Tgt Ion:	252	Resp:	47300
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	59.6
125	11.9	0.0	26.0





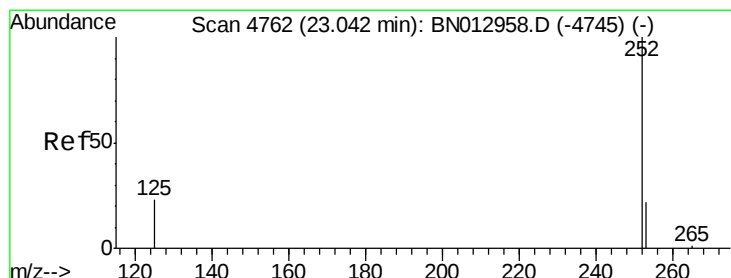
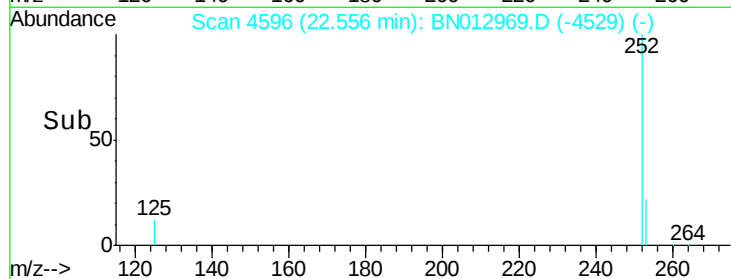
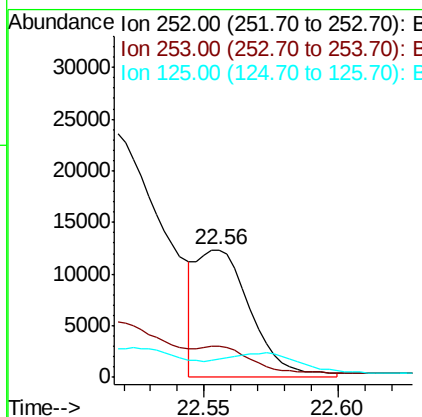
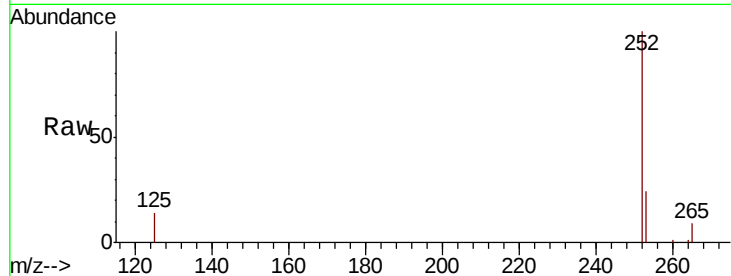
#22
Benzo(k)fluoranthene
Concen: 0.934 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012969.D
Acq: 08 Dec 2020 10:21

Instrument :
BNA_N
ClientSampleId :
C0B95

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	23.4	35.2
125	14.4	11.1	16.7

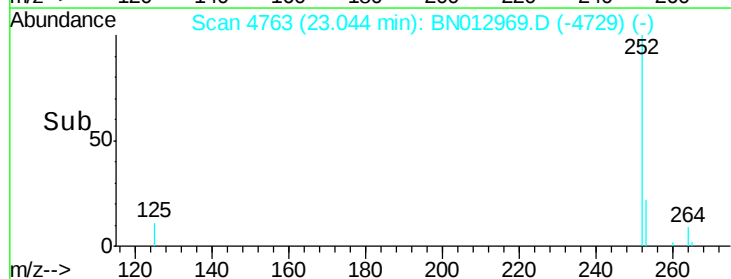
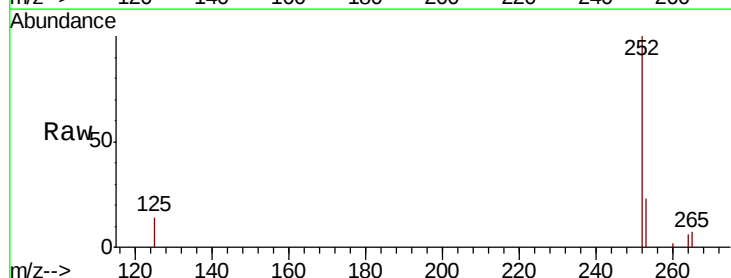
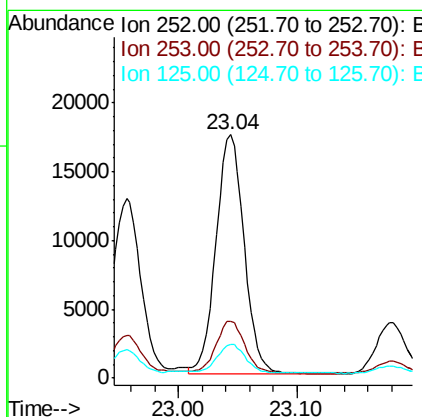
Manual Integrations
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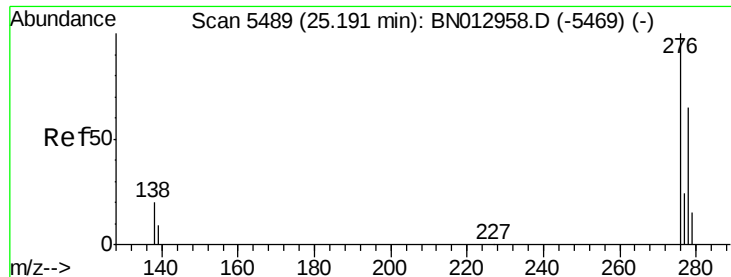
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#23
Benzo(a)pyrene
Concen: 1.804 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN012969.D
Acq: 08 Dec 2020 10:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	26.5	39.7#
125	13.9	14.2	21.2#





#24

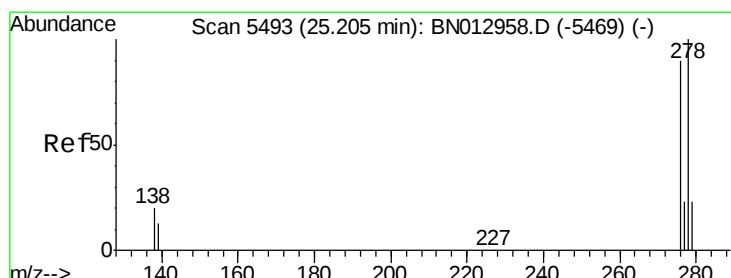
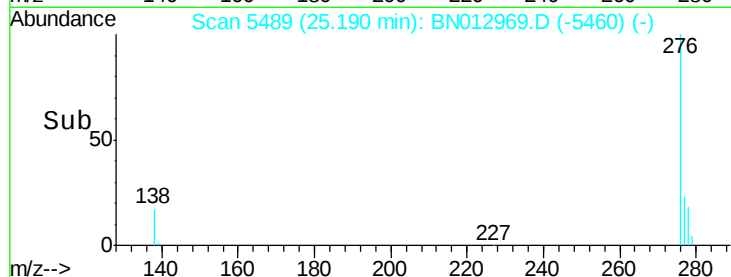
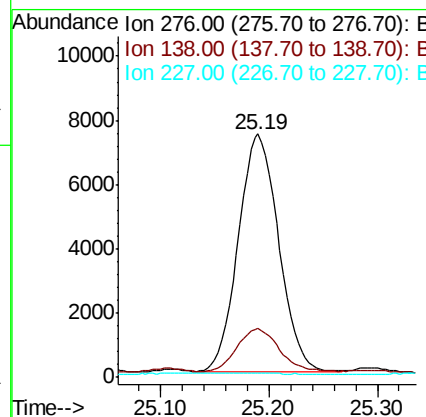
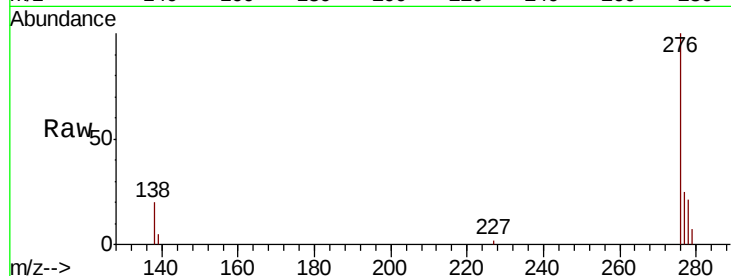
Indeno(1,2,3-cd)pyrene
Concen: 0.915 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.00 min
Lab File: BN012969.D
Acq: 08 Dec 2020 10:21

Instrument :
BNA_N
ClientSampleId :
C0B95

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.2	24.2
227	0.0	0.0	0.0

Manual Integrations
APPROVED

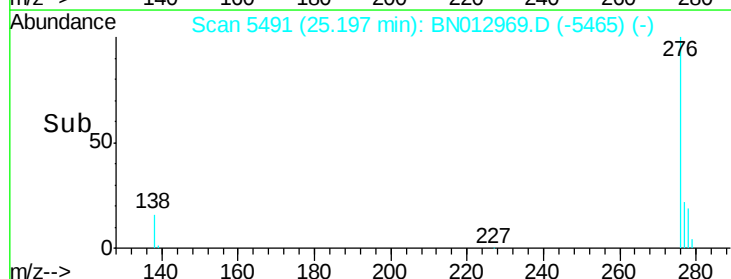
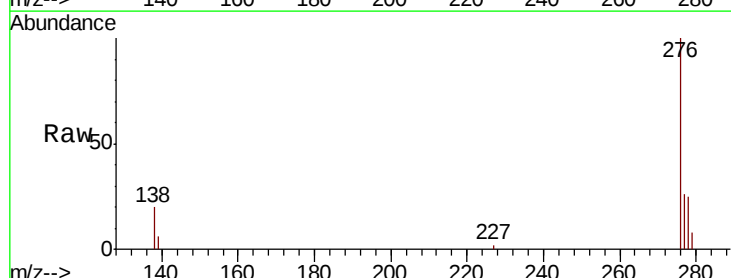
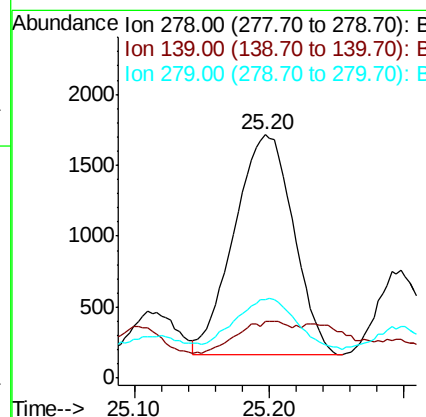
mohammad
12/9/2020 12:24:32 PM

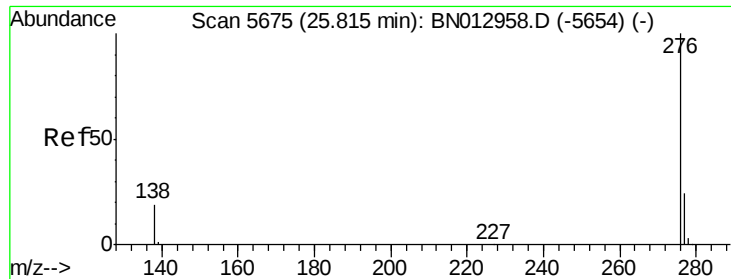


#25

Dibenzo(a,h)anthracene
Concen: 0.287 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.01 min
Lab File: BN012969.D
Acq: 08 Dec 2020 10:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	14.5	21.7#
279	32.3	26.3	39.5





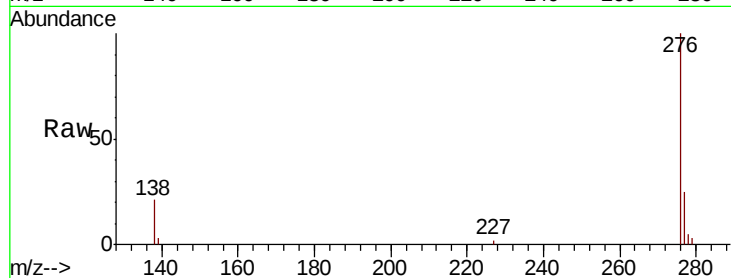
#26
 Benzo(a,h,i)perylene
 Concen: 0.887 ng/ul
 RT: 25.82 min Scan# 5677
 Delta R.T. -0.00 min
 Lab File: BN012969.D
 Acq: 08 Dec 2020 10:21

Instrument :
 BNA_N
 ClientSampleId :
 C0B95

Tot Ion	Ion	Ratio	Lower	Upper
16781	276	100		
	138	21.0	16.3	24.5
	277	24.7	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:24:32 PM



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

