

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012970.D
 Acq On : 08 Dec 2020 10:57
 Operator : CG/JU
 Sample : L4864-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B63

Manual Integrations
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mohammad
 12/9/2020 12:24:35 PM

Quant Time: Dec 08 12:09:08 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	7.39	152	1112	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4524	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2524	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5195	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4164	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3675	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1770	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	3853	0.27	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	430	0.033	ng/ul#	71
5) 2-Methylnaphthalene	11.83	142	234	0.027	ng/ul	96
7) Acenaphthylene	13.76	152	372	0.031	ng/ul#	72
8) Acenaphthene	14.11	153	465	0.047	ng/ul	94
9) Fluorene	15.11	166	620	0.055	ng/ul#	96
12) Phenanthrene	16.85	178	20153	1.157	ng/ul	97
13) Anthracene	16.94	178	3232	0.218	ng/ul	99
15) Fluoranthene	18.88	202	60782	2.937	ng/ul	97
17) Pyrene	19.25	202	51085	2.597	ng/ul	99
18) Benzo(a)anthracene	21.02	228	23108	1.341	ng/ul	98
19) Chrysene	21.07	228	30134	1.583	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	38212m	2.248	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	14610m	0.777	ng/ul	
23) Benzo(a)pyrene	23.05	252	21417	1.358	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.19	276	14868	0.717	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.20	278	3543	0.216	ng/ul#	94
26) Benzo(a,h,i)perylene	25.82	276	13420	0.716	ng/ul	98

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

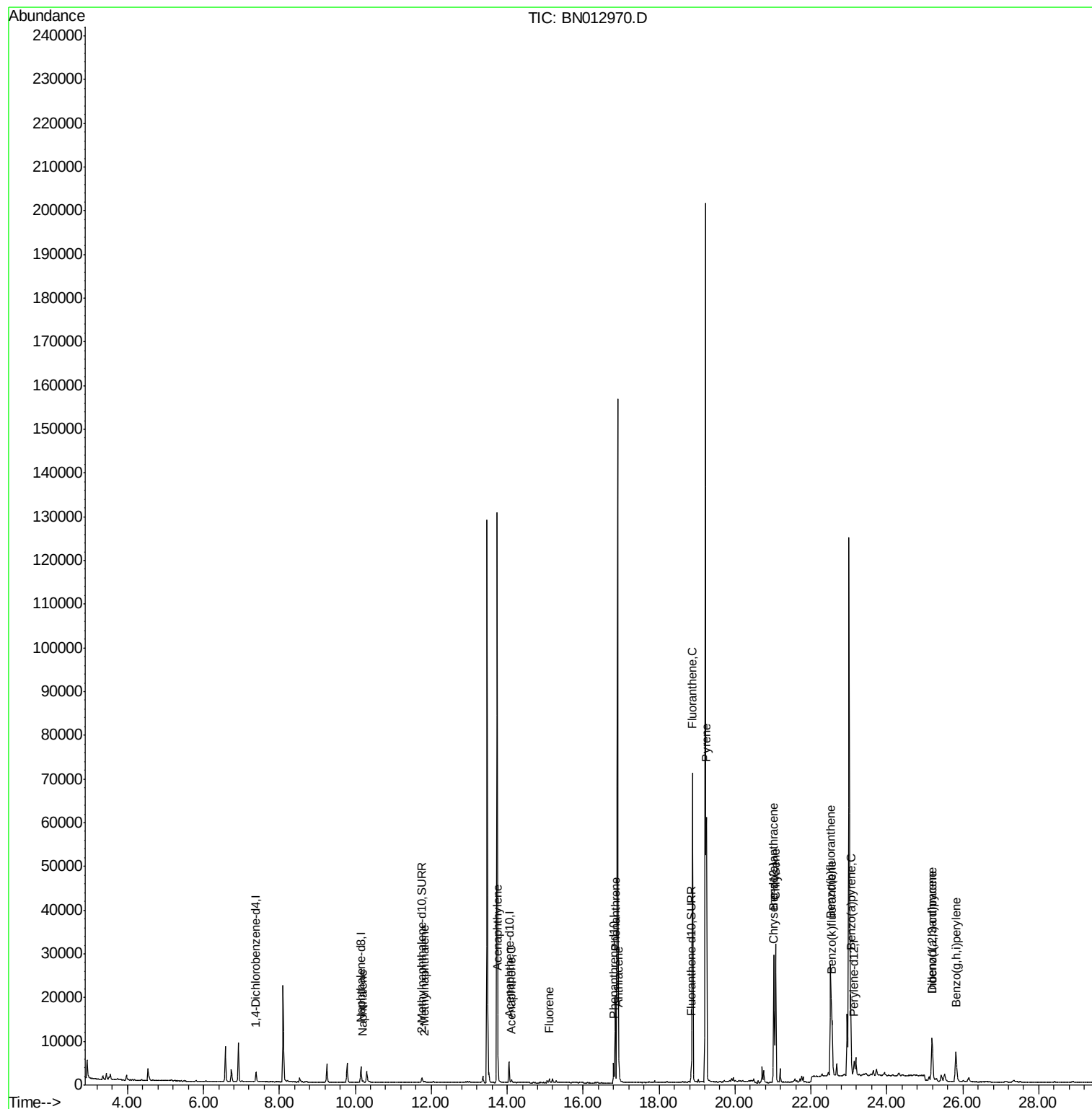
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012970.D
Acq On : 08 Dec 2020 10:57
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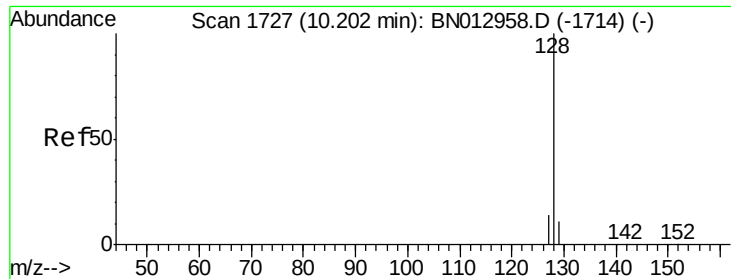
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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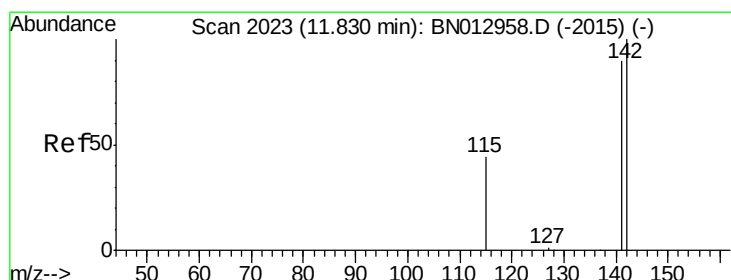
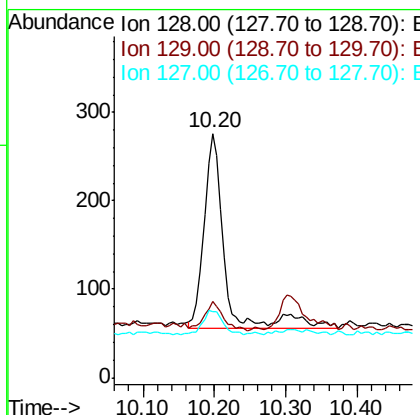
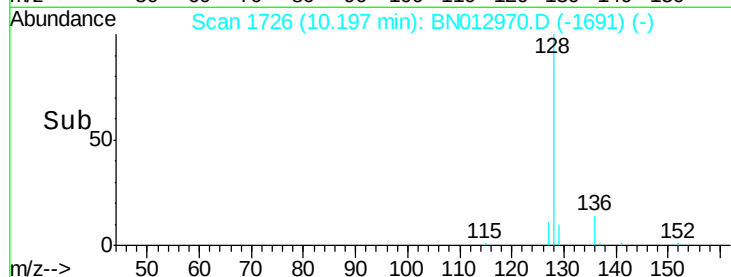
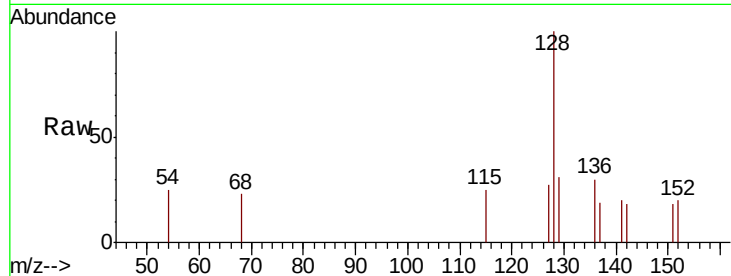
#3
Naphthalene
Concen: 0.033 ng/ul
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012970.D
Acq: 08 Dec 2020 10:57

Instrument :
BNA_N
ClientSampleId :
C0B63

Tot Ion	Ratio	Lower	Upper
128	100		
129	31.2	12.3	18.5#
127	27.2	14.2	21.4#

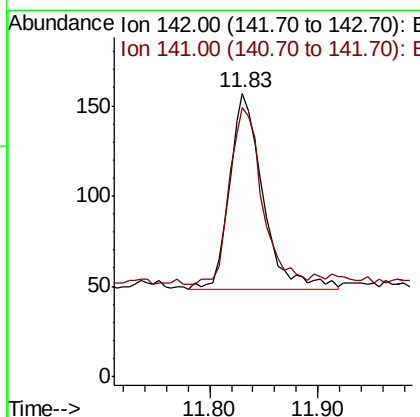
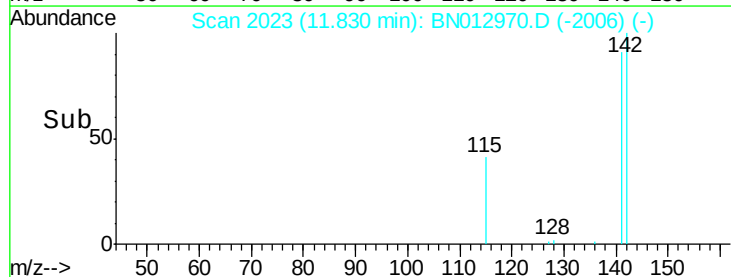
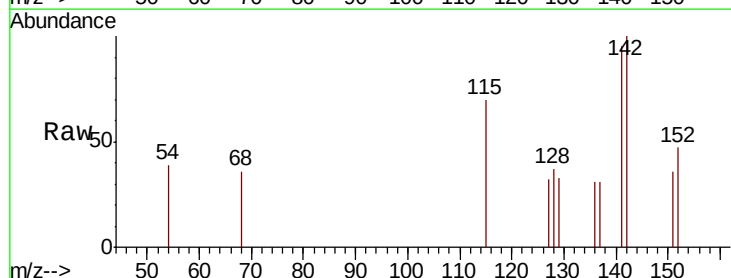
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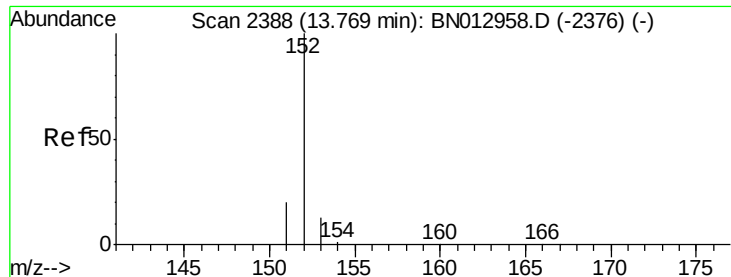
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#5
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.83 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BN012970.D
Acq: 08 Dec 2020 10:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	73.0	109.6





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Instrument :

BNA_N

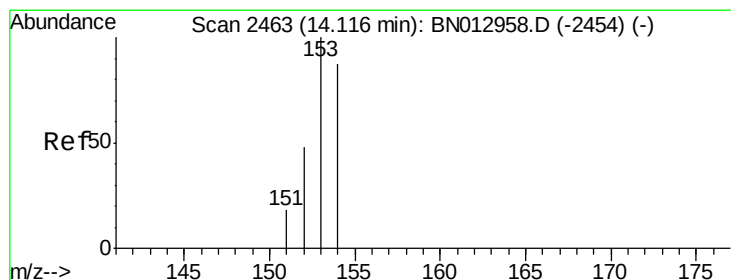
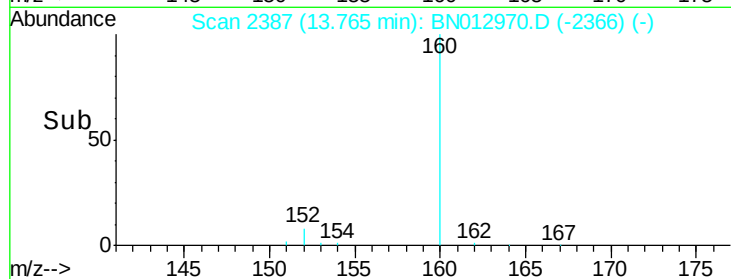
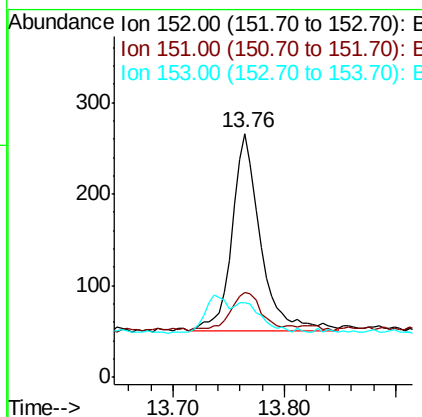
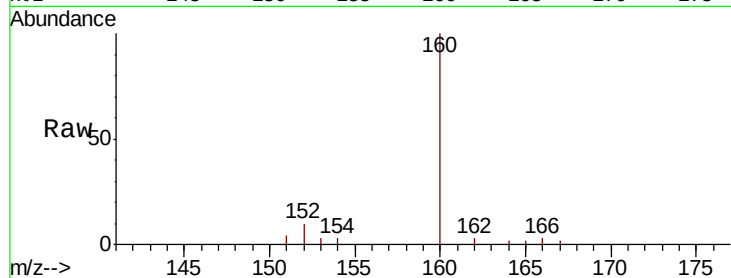
ClientSampleId :

C0B63

Tot Ion:	152	Resp:	372
Ion Ratio	Lower	Upper	
152	100		
151	35.0	18.2	27.4#
153	30.5	13.1	19.7#

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#8

Acenaphthene

Concen: 0.047 ng/ul

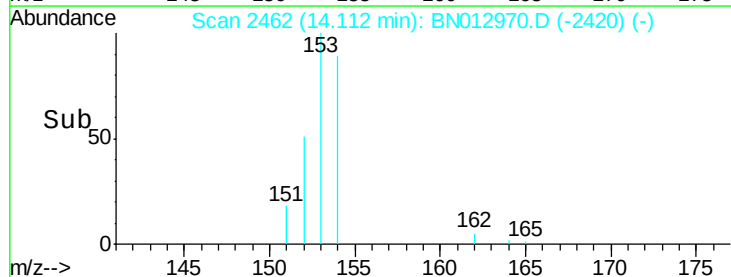
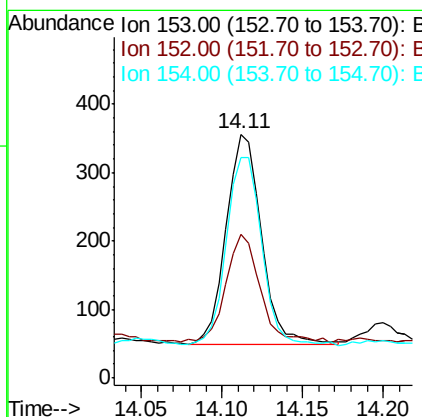
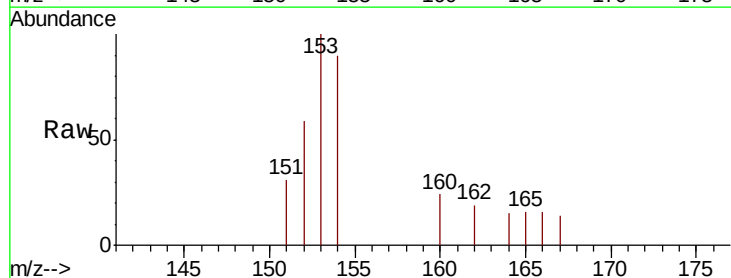
RT: 14.11 min Scan# 2462

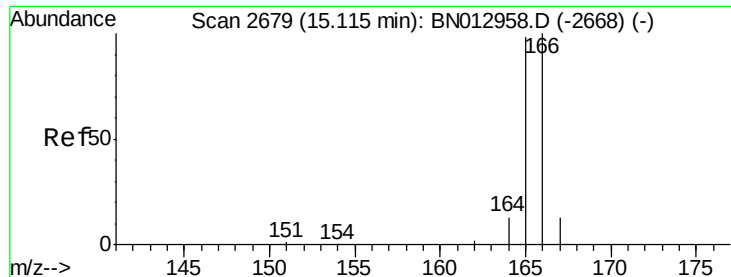
Delta R.T. -0.00 min

Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Tgt Ion:	153	Resp:	465
Ion Ratio	Lower	Upper	
153	100		
152	59.0	40.7	61.1
154	90.4	70.8	106.2





#9

Fluorene

Concen: 0.055 ng/ul

RT: 15.11 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Instrument :

BNA_N

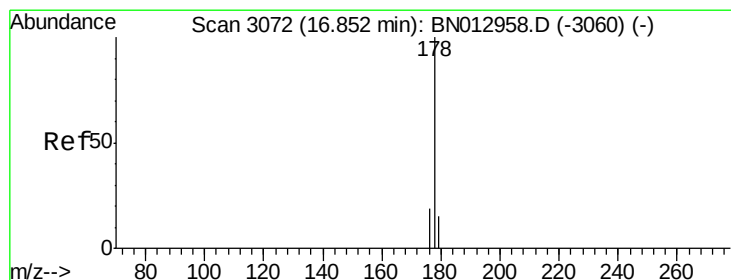
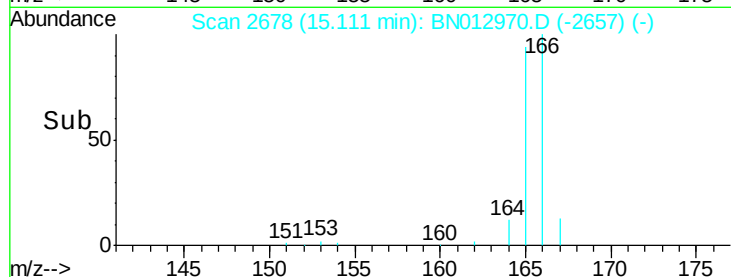
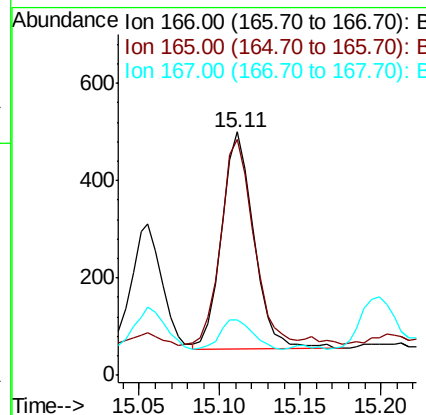
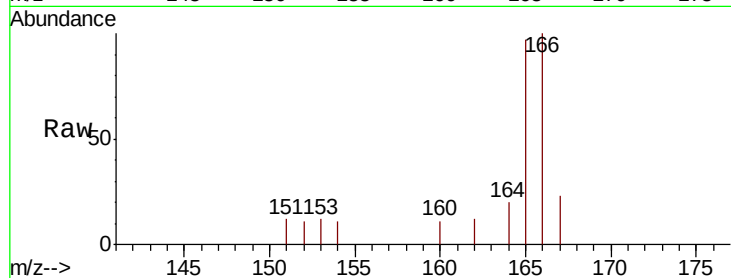
ClientSampleId :

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Tot Ion:	166	Resp:	620
Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.8	119.8
167	22.6	13.8	20.8

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#12

Phenanthrene

Concen: 1.157 ng/ul

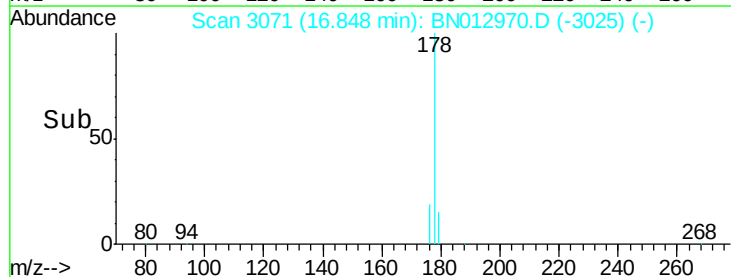
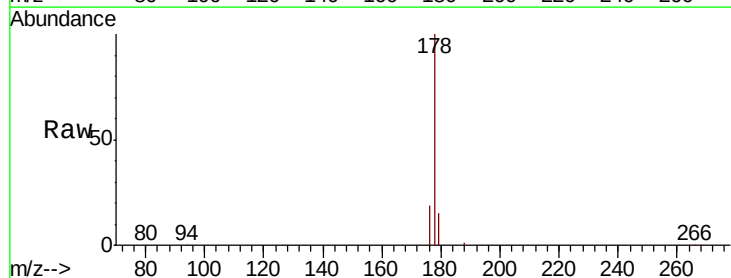
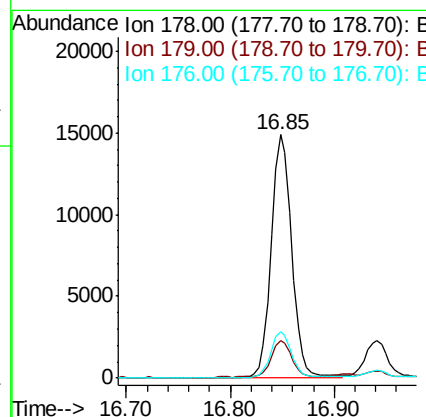
RT: 16.85 min Scan# 3071

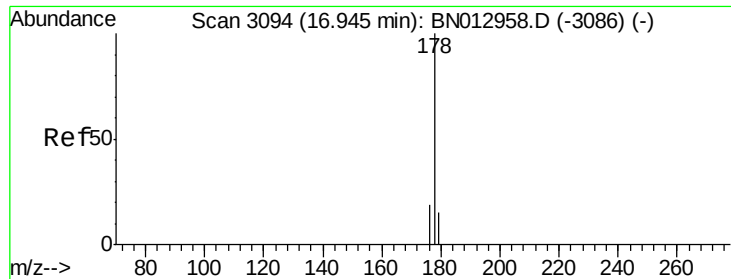
Delta R.T. -0.00 min

Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Tgt Ion:	178	Resp:	20153
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.6	20.4
176	19.2	16.4	24.6





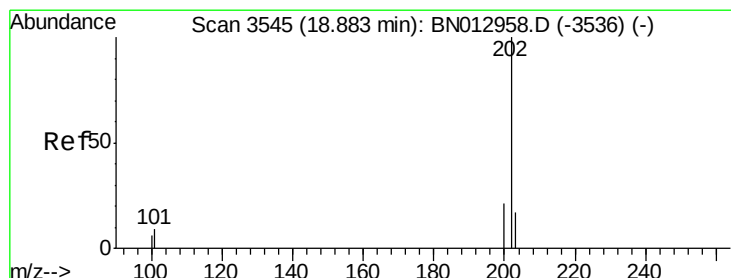
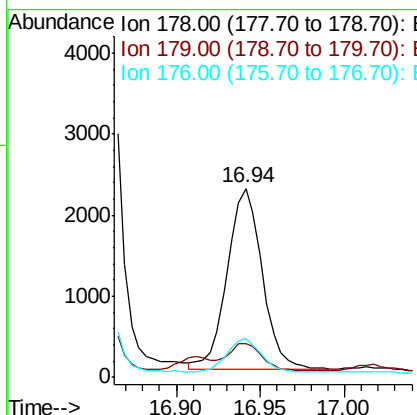
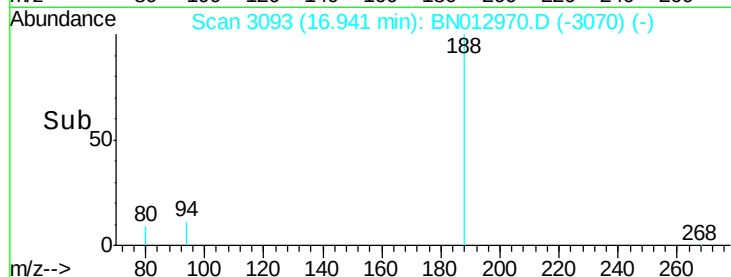
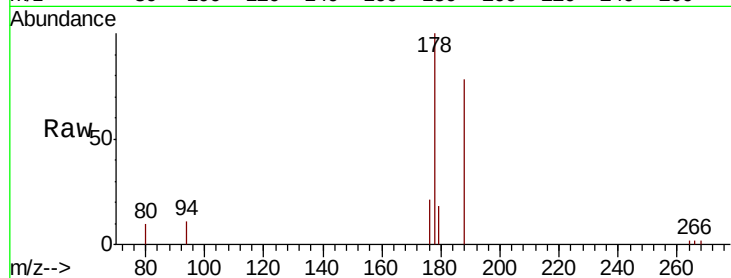
#13
 Anthracene
 Concen: 0.218 ng/ul
 RT: 16.94 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BN012970.D
 Acq: 08 Dec 2020 10:57

Instrument :
 BNA_N
 ClientSampleId :
 C0B63

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.2	14.6	21.8
176	20.8	17.1	25.7

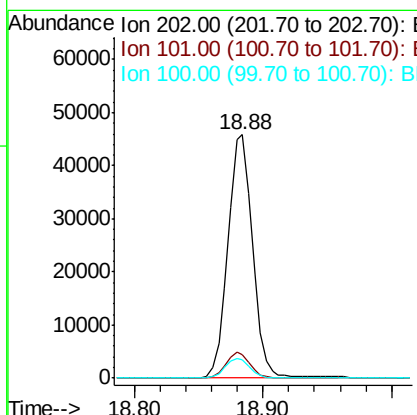
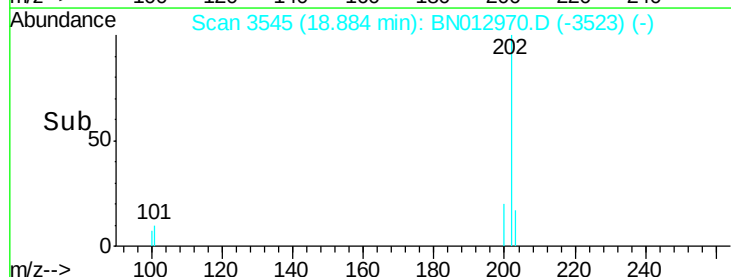
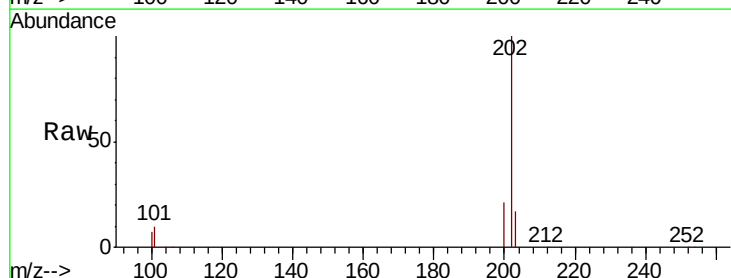
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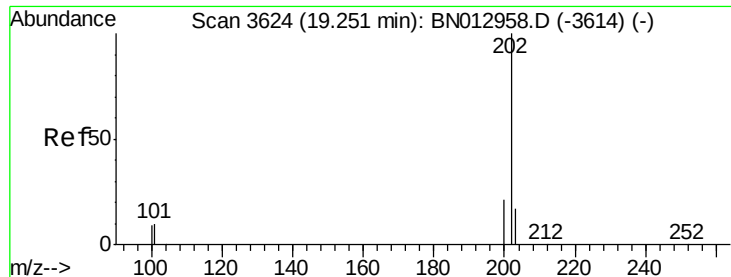
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#15
 Fluoranthene
 Concen: 2.937 ng/ul
 RT: 18.88 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: BN012970.D
 Acq: 08 Dec 2020 10:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.6
100	7.3	0.0	28.7





#17

Pvrene

Concen: 2.597 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. 0.00 min

Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Instrument :

BNA_N

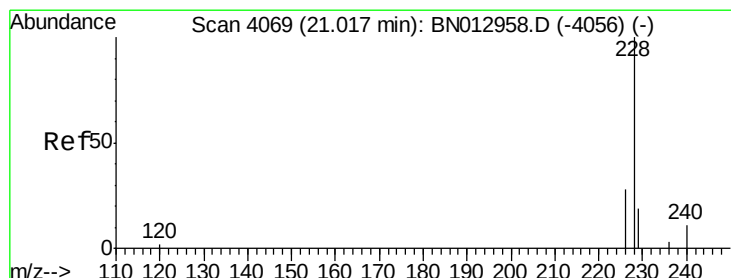
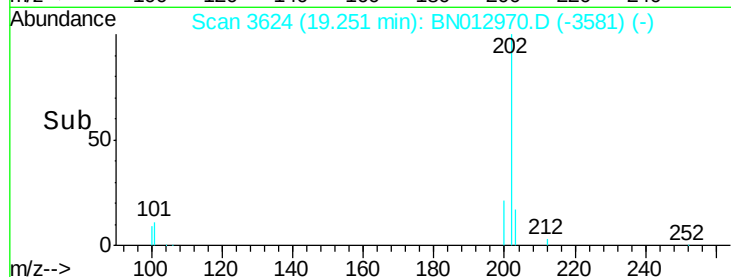
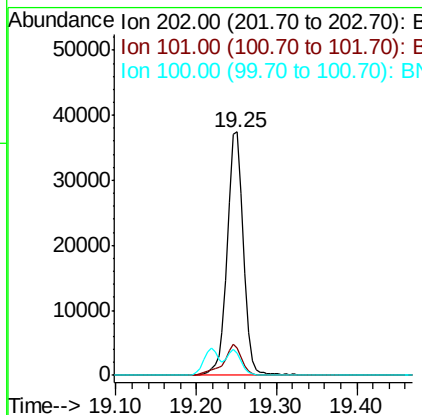
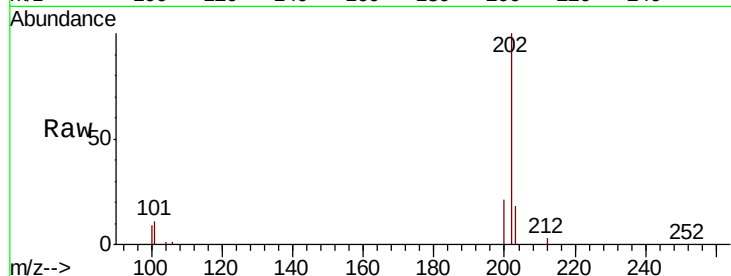
ClientSampleId :

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Tot Ion:	202	Resp:	51085
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.1	13.7
100	9.1	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 1.341 ng/ul

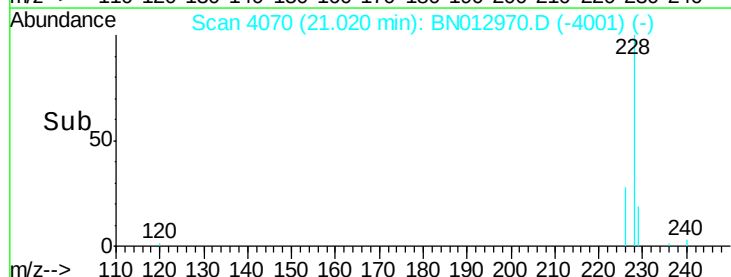
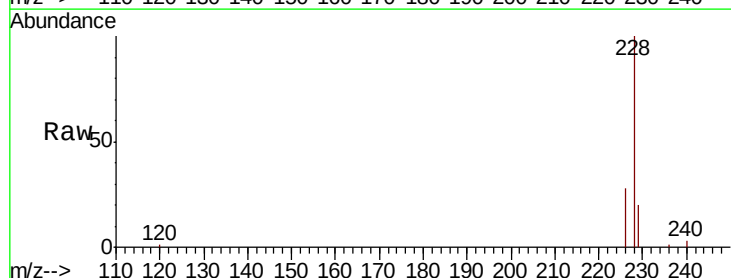
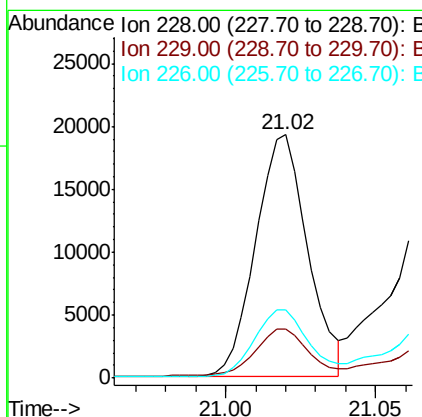
RT: 21.02 min Scan# 4070

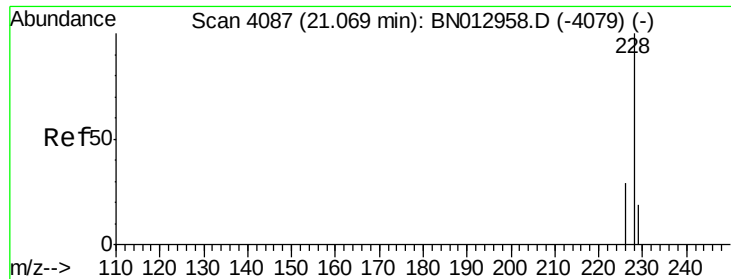
Delta R.T. 0.00 min

Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Tgt Ion:	228	Resp:	23108
Ion Ratio	Lower	Upper	
228	100		
229	19.9	16.3	24.5
226	28.1	23.4	35.2





#19

Chrysene

Concen: 1.583 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Instrument :

BNA_N

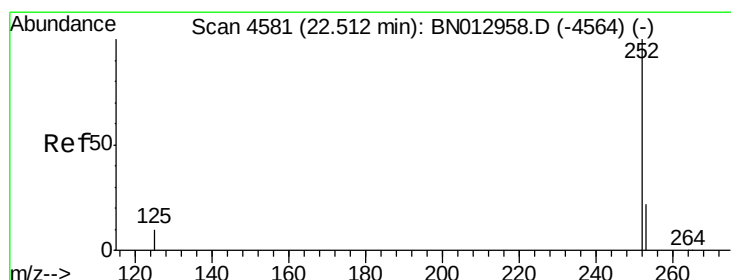
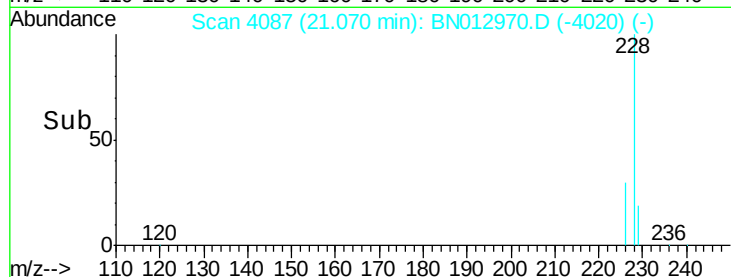
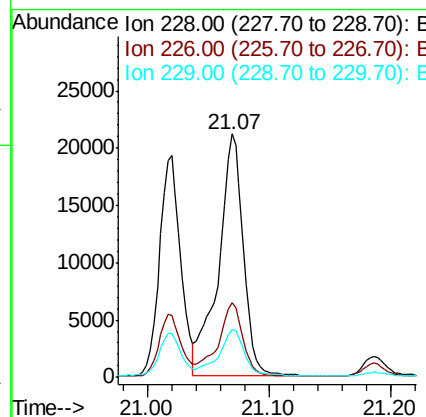
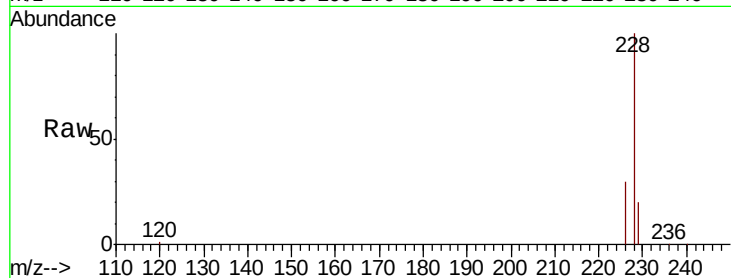
ClientSampleId :

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Tot Ion:	228	Resp:	30134
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	19.9	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 2.248 ng/ul m

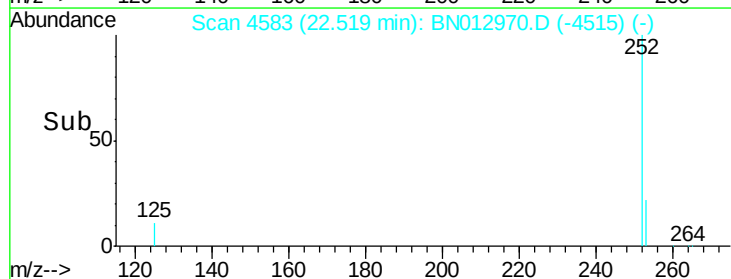
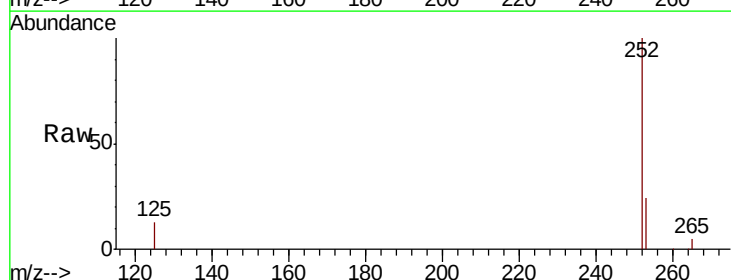
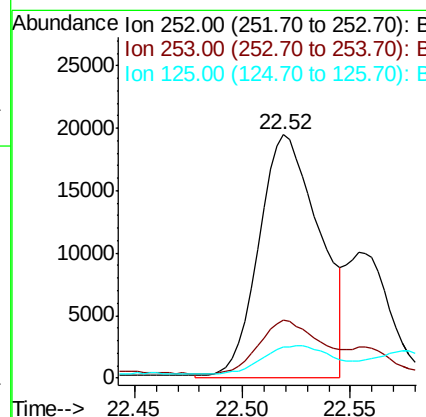
RT: 22.52 min Scan# 4583

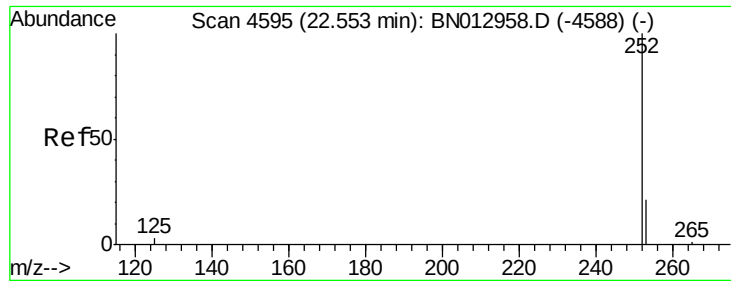
Delta R.T. 0.00 min

Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Tgt Ion:	252	Resp:	38212
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	59.6
125	12.5	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 0.777 ng/ul m

RT: 22.55 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Instrument :

BNA_N

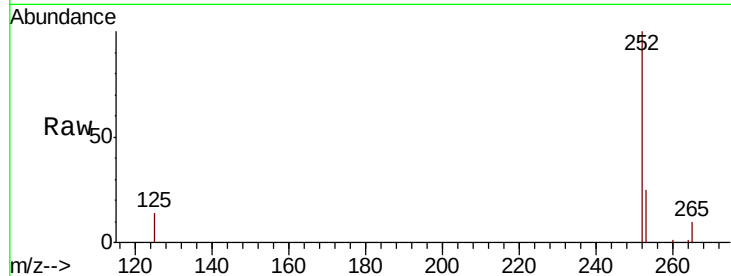
ClientSampleId :

C0B63

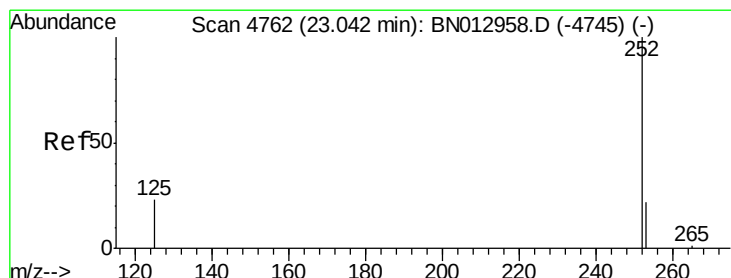
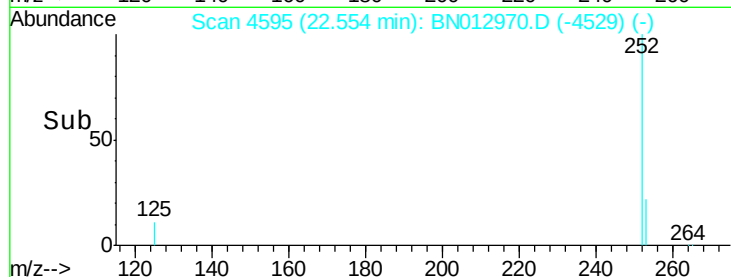
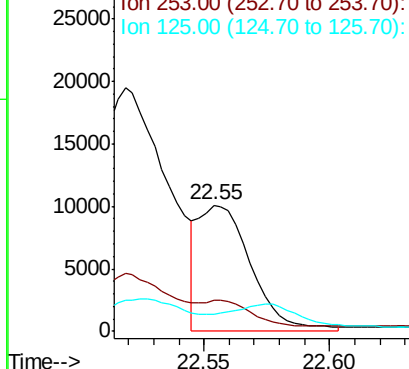
Tot Ion:	252	Resp:	14610
Ion Ratio	Lower	Upper	
252	100		
253	24.9	23.4	35.2
125	13.8	11.1	16.7

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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



#23

Benzo(a)pyrene

Concen: 1.358 ng/ul

RT: 23.05 min Scan# 4764

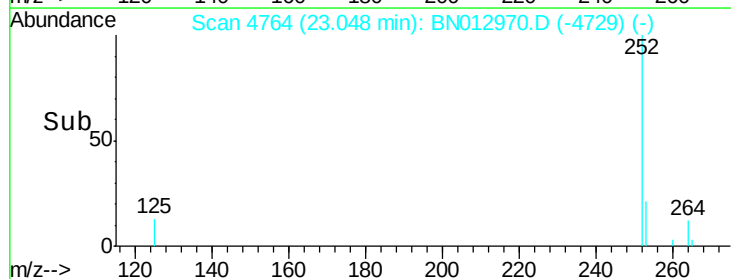
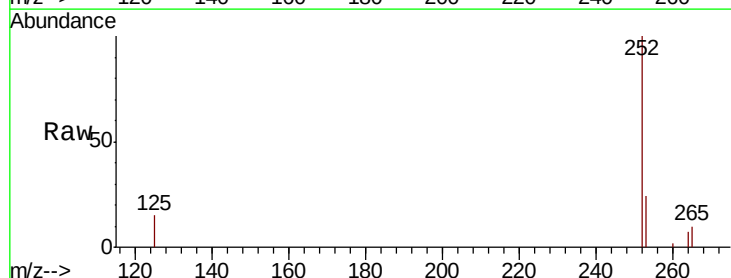
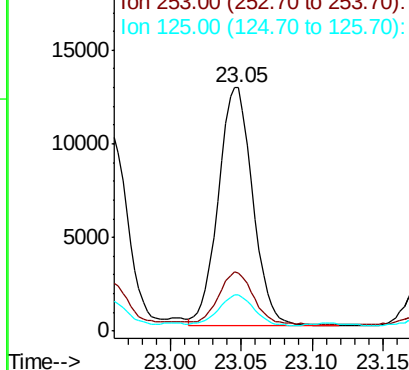
Delta R.T. 0.00 min

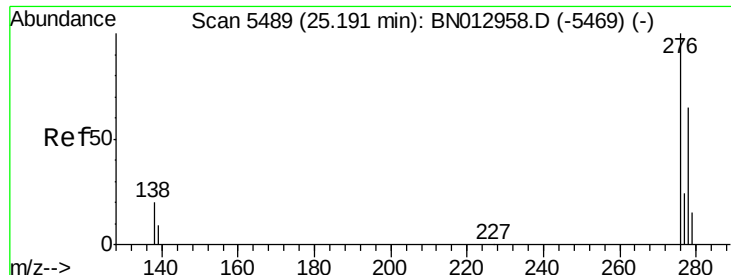
Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Tgt Ion:	252	Resp:	21417
Ion Ratio	Lower	Upper	
252	100		
253	23.7	26.5	39.7#
125	15.1	14.2	21.2

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: 0.717 ng/ul

RT: 25.19 min Scan# 5489

Delta R.T. 0.00 min

Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Instrument :

BNA_N

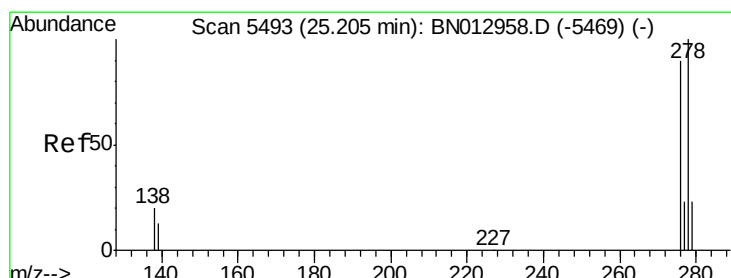
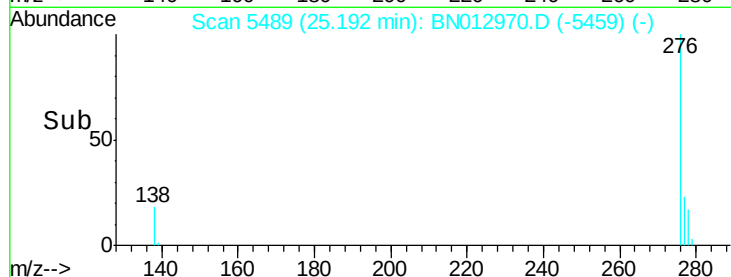
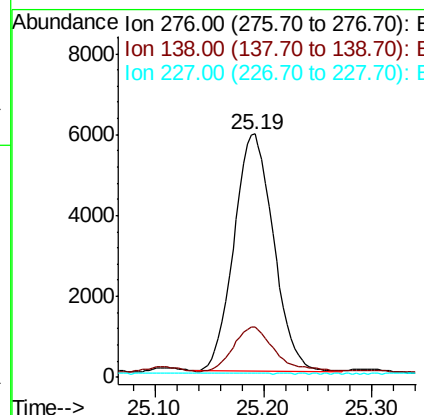
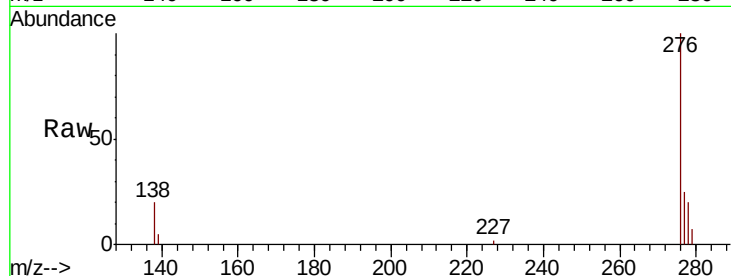
ClientSampleId :

C0B63

Tot Ion:	276	Resp:	14868
Ion Ratio	Lower	Upper	
276	100		
138	20.7	16.2	24.2
227	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
12/9/2020 12:24:35 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.216 ng/ul

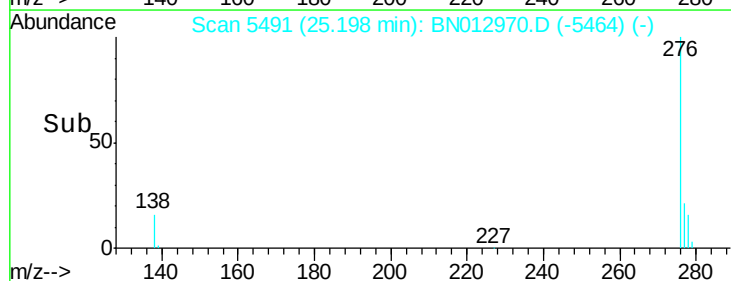
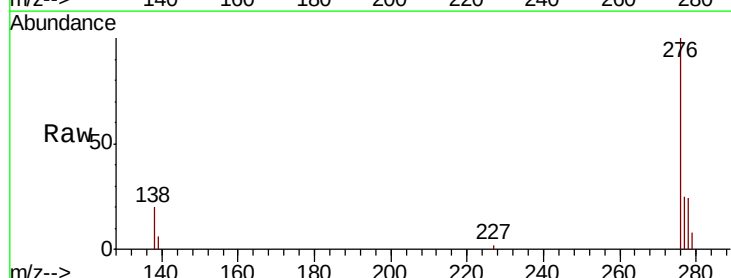
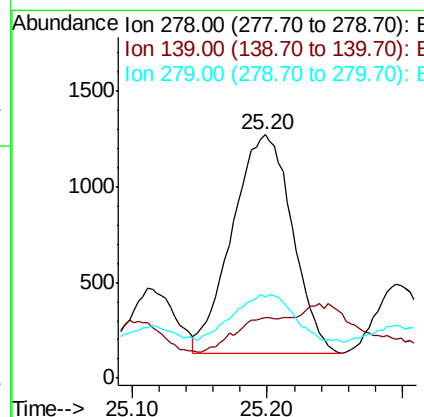
RT: 25.20 min Scan# 5491

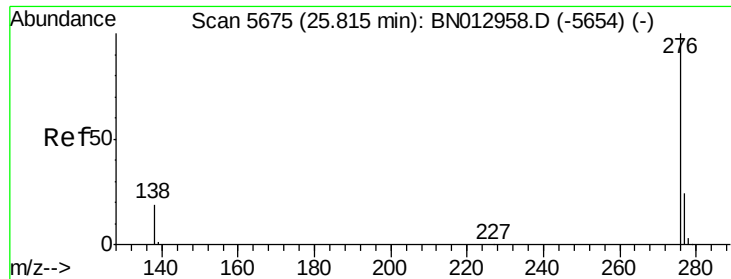
Delta R.T. -0.01 min

Lab File: BN012970.D

Acq: 08 Dec 2020 10:57

Tgt Ion:	278	Resp:	3543
Ion Ratio	Lower	Upper	
278	100		
139	24.8	14.5	21.7#
279	33.2	26.3	39.5





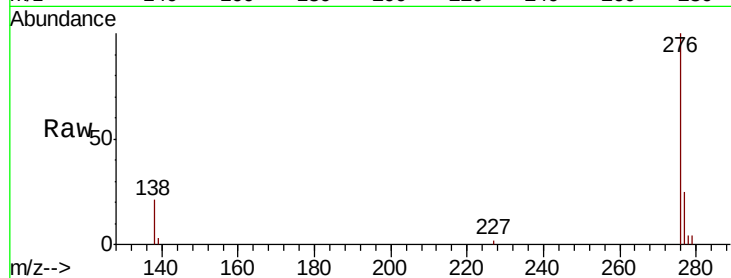
#26
 Benzo(a,h,i)perylene
 Concen: 0.716 ng/ul
 RT: 25.82 min Scan# 5676
 Delta R.T. -0.00 min
 Lab File: BN012970.D
 Acq: 08 Dec 2020 10:57

Instrument :
 BNA_N
 ClientSampleId :
 C0B63

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.3	24.5
277	25.1	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:24:35 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

