

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012963.D
 Acq On : 08 Dec 2020 06:08
 Operator : CG/JU
 Sample : L4862-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ3

Manual Integrations
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Quant Time: Dec 08 07:08:22 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 : Tue Dec 08 06:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1026	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4148	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2469	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5209m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4618	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3960	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2500	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	5675	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	2097	0.175	ng/ul	98
5) 2-Methylnaphthalene	11.83	142	1213	0.154	ng/ul	97
7) Acenaphthylene	13.77	152	1373	0.117	ng/ul	97
8) Acenaphthene	14.11	153	1515	0.158	ng/ul	98
9) Fluorene	15.11	166	1945	0.177	ng/ul	97
12) Phenanthrene	16.85	178	49577	2.839	ng/ul	96
13) Anthracene	16.94	178	11816	0.795	ng/ul	96
15) Fluoranthene	18.88	202	114064	5.496	ng/ul	97
17) Pyrene	19.25	202	93220	4.274	ng/ul	100
18) Benzo(a)anthracene	21.02	228	54540	2.855	ng/ul	99
19) Chrysene	21.07	228	56861	2.694	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	78195m	4.268	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	24147m	1.192	ng/ul	
23) Benzo(a)pyrene	23.04	252	47437m	2.791	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	31482	1.410	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	7770	0.440	ng/ul	96
26) Benzo(a,h,i)perylene	25.81	276	30029	1.487	ng/ul	97

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

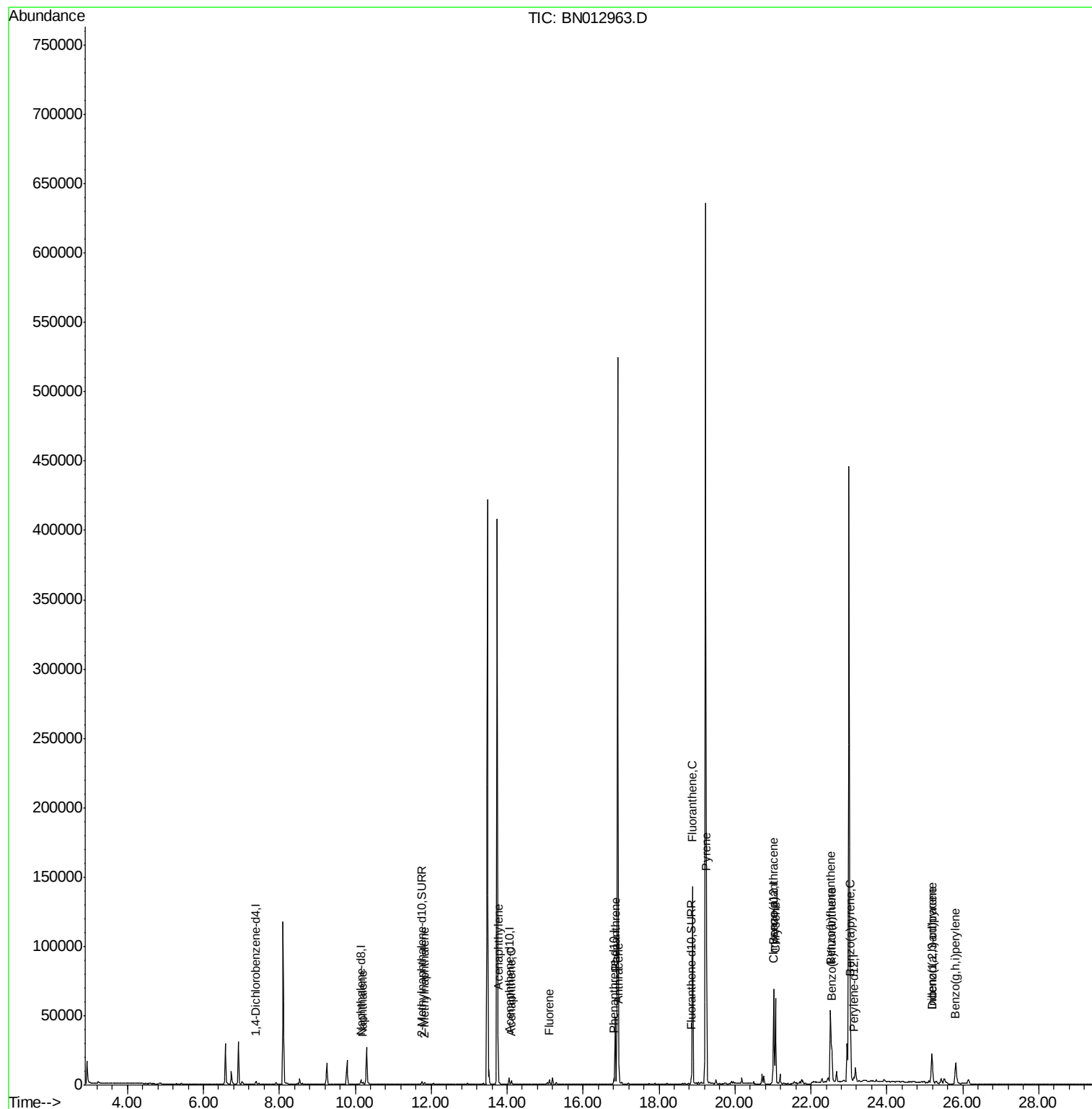
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012963.D
Acq On : 08 Dec 2020 06:08
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ALS Vial : 32 Sample Multiplier: 1

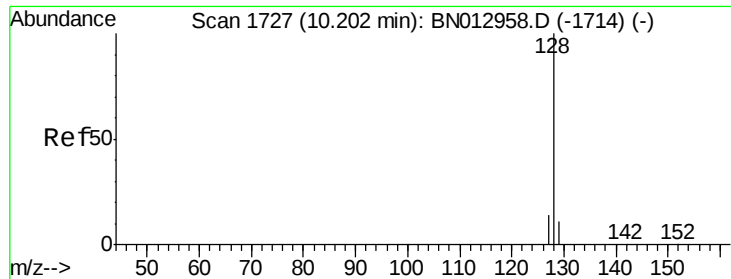
Instrument :
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Quant Time: Dec 08 07:08:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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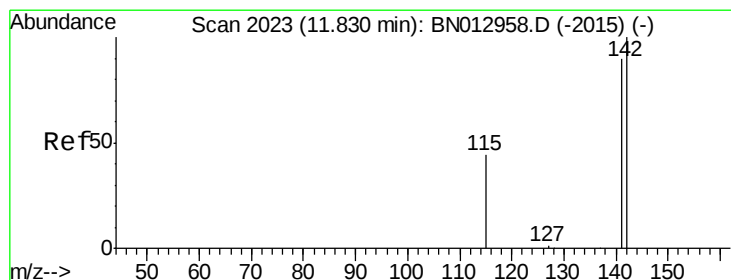
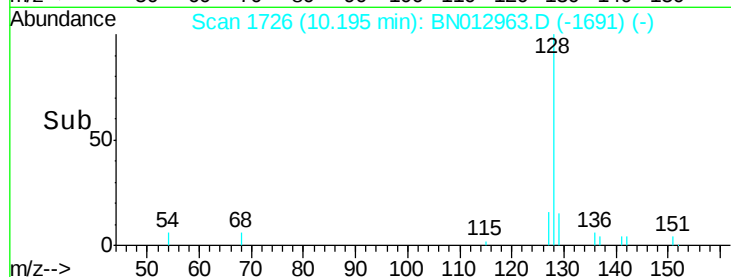
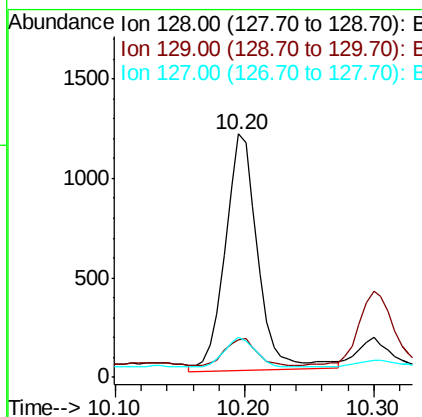
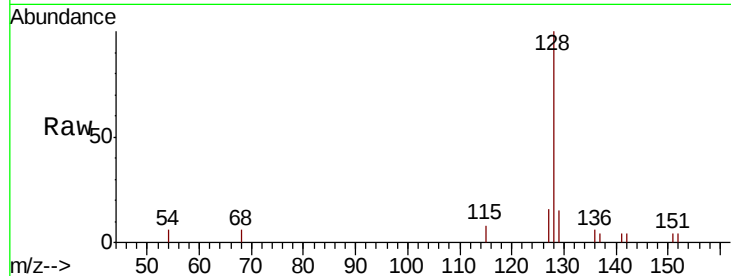
#3
Naphthalene
Concen: 0.175 ng/ul
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012963.D
Acq: 08 Dec 2020 06:08

Instrument :
BNA_N
ClientSampleId :
C0AZ3

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.4	12.3	18.5
127	16.3	14.2	21.4

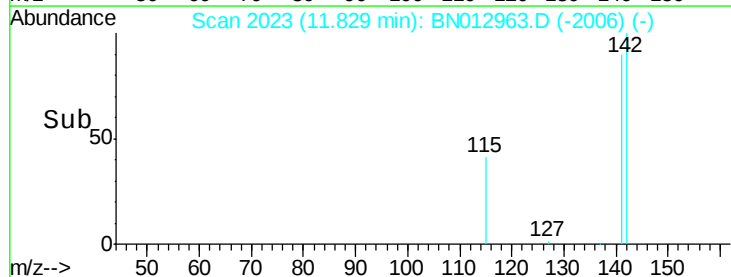
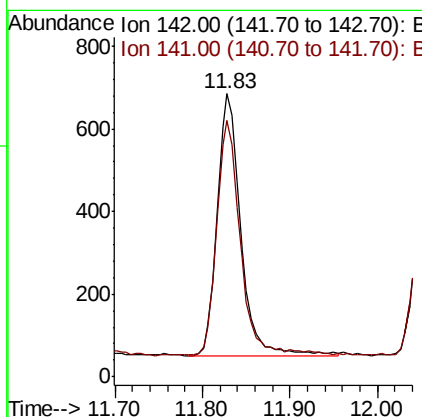
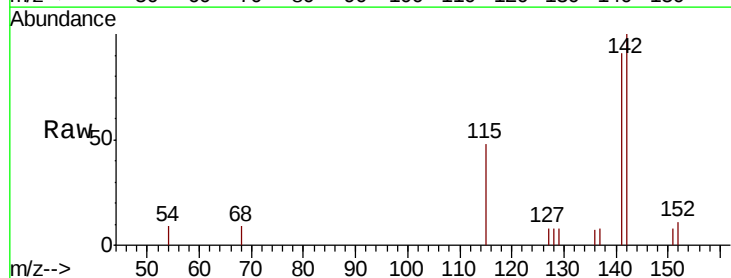
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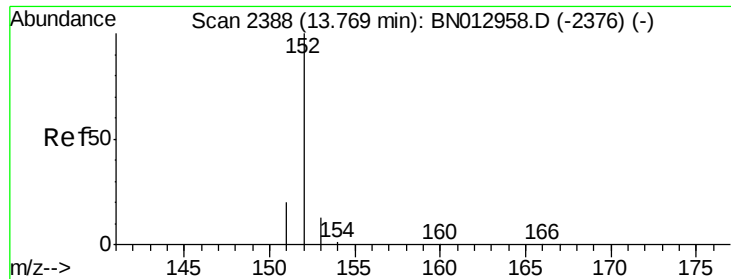
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#5
2-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 11.83 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BN012963.D
Acq: 08 Dec 2020 06:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.0	109.6





#7

Acenaphthylene

Concen: 0.117 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BN012963.D

Acq: 08 Dec 2020 06:08

Instrument :

BNA_N

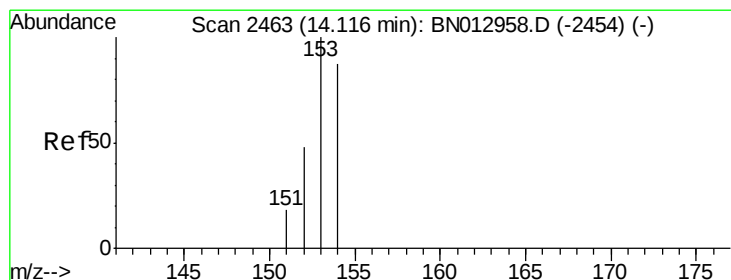
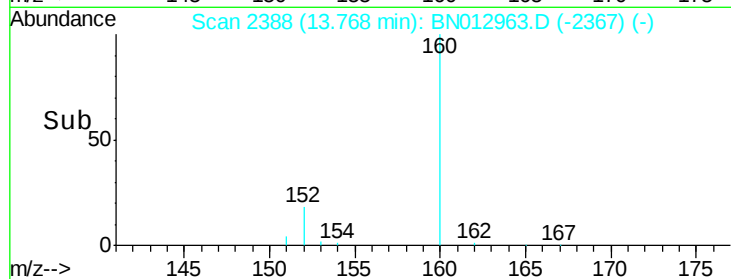
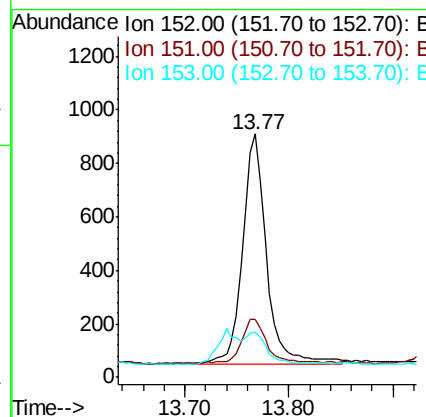
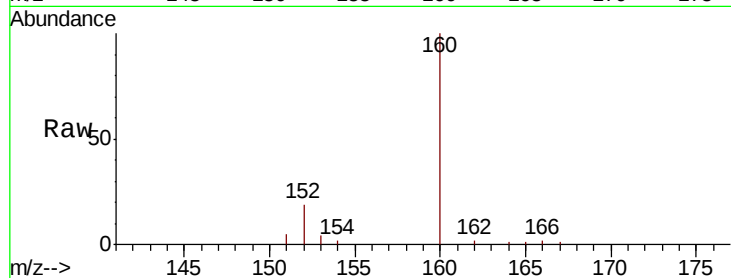
ClientSampleId :

C0AZ3

Tot Ion:	152	Resp:	1373
Ion Ratio	Lower	Upper	
152	100		
151	23.8	18.2	27.4
153	18.6	13.1	19.7

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#8

Acenaphthene

Concen: 0.158 ng/ul

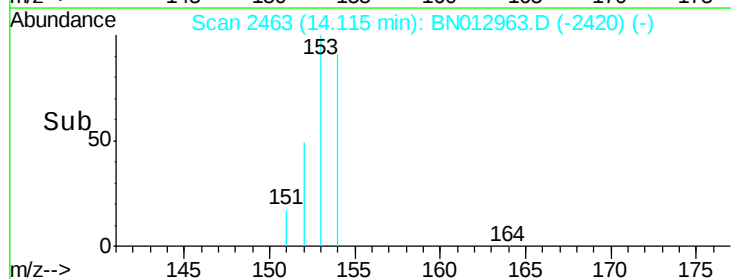
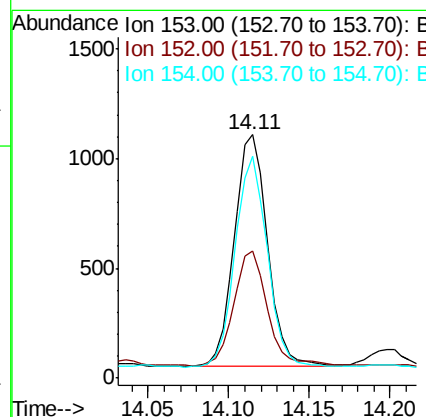
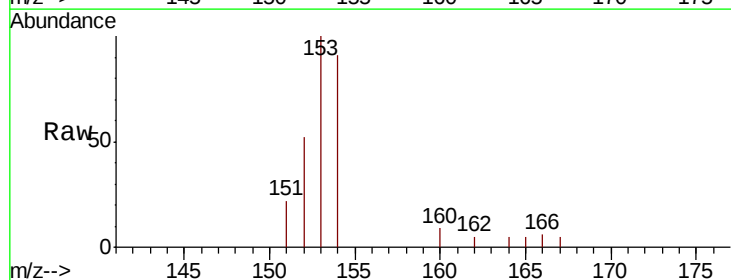
RT: 14.11 min Scan# 2463

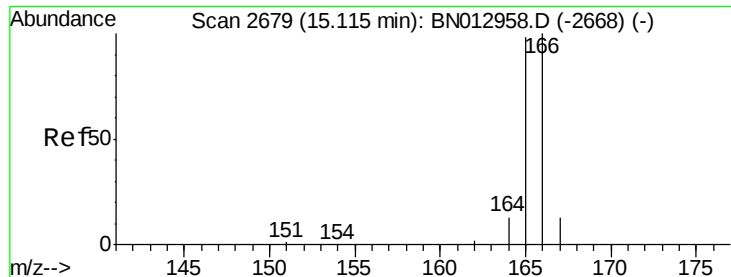
Delta R.T. -0.00 min

Lab File: BN012963.D

Acq: 08 Dec 2020 06:08

Tgt Ion:	153	Resp:	1515
Ion Ratio	Lower	Upper	
153	100		
152	52.1	40.7	61.1
154	91.2	70.8	106.2





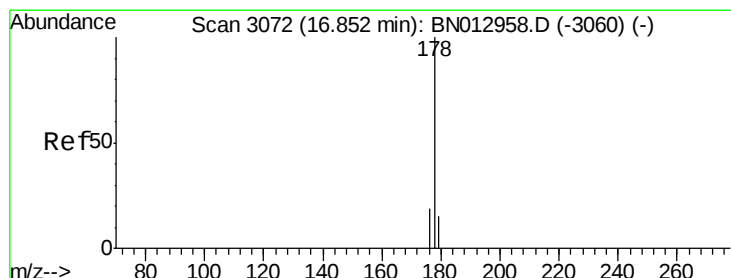
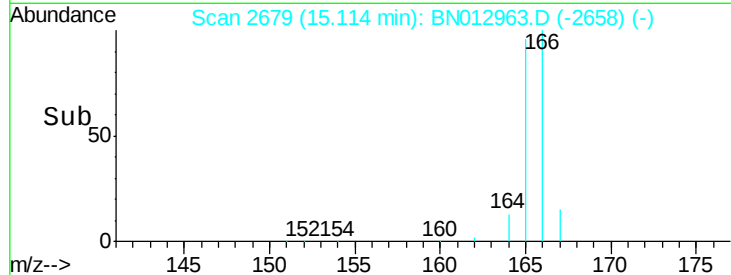
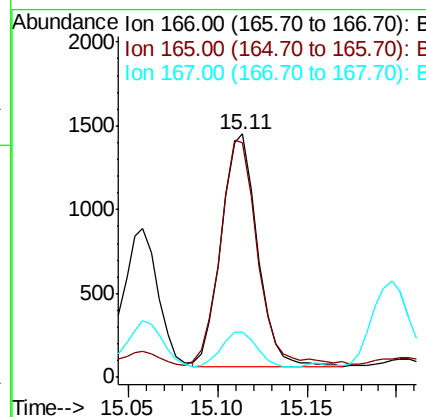
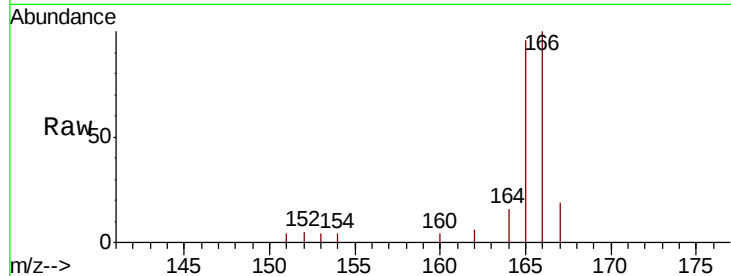
#9
Fluorene
 Concen: 0.177 ng/ul
 RT: 15.11 min Scan# 2679
 Delta R.T. -0.00 min
 Lab File: BN012963.D
 Acq: 08 Dec 2020 06:08

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ3

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.8	119.8
167	18.7	13.8	20.8

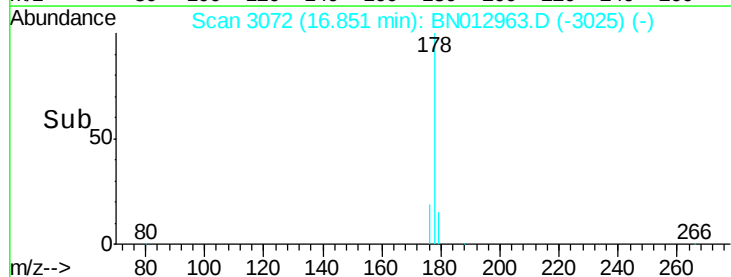
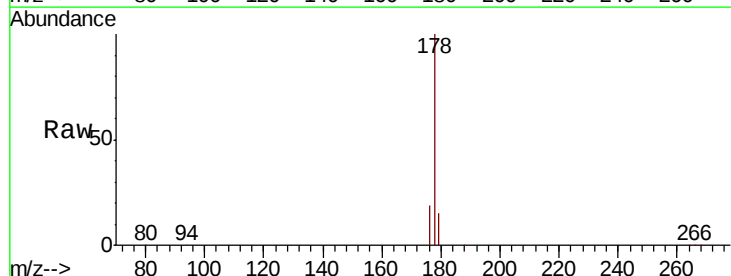
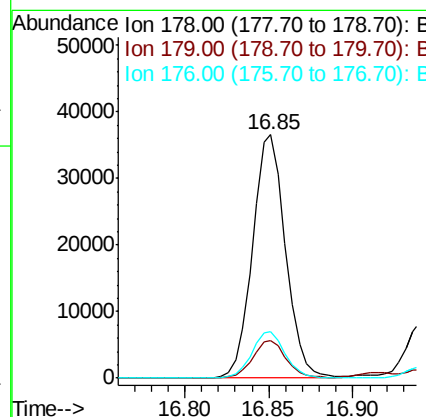
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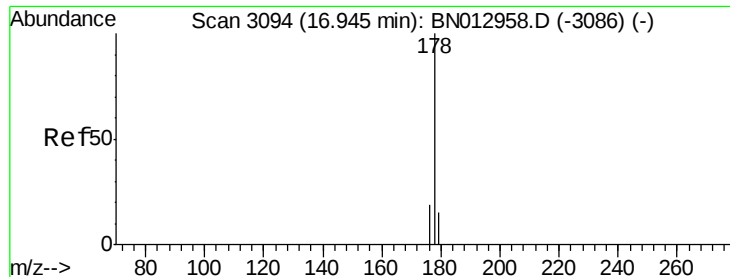
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#12
Phenanthrene
 Concen: 2.839 ng/ul
 RT: 16.85 min Scan# 3072
 Delta R.T. -0.00 min
 Lab File: BN012963.D
 Acq: 08 Dec 2020 06:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.6	20.4
176	18.9	16.4	24.6





#13

Anthracene

Concen: 0.795 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BN012963.D

Acq: 08 Dec 2020 06:08

Instrument :

BNA_N

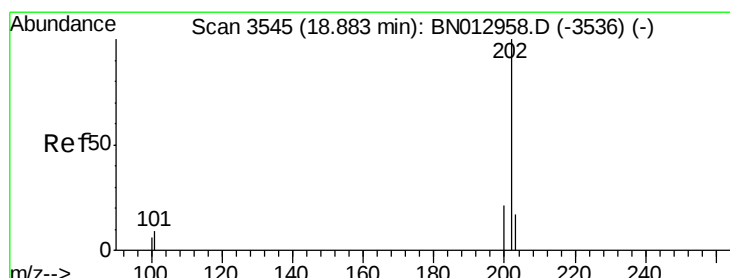
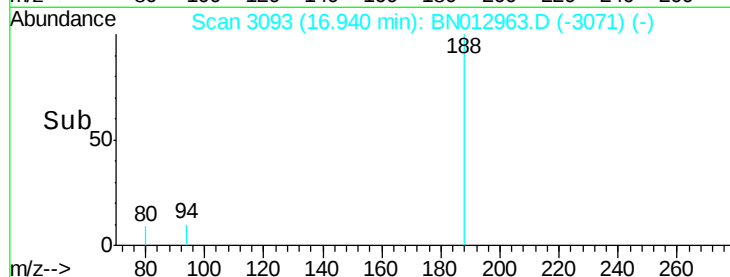
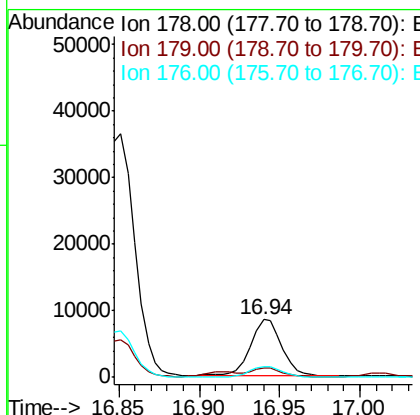
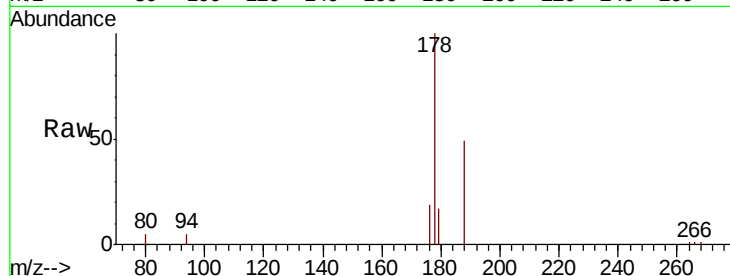
ClientSampleId :

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Tot Ion:	178	Resp:	11816
Ion Ratio	Lower	Upper	
178	100		
179	16.5	14.6	21.8
176	19.0	17.1	25.7

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#15

Fluoranthene

Concen: 5.496 ng/ul

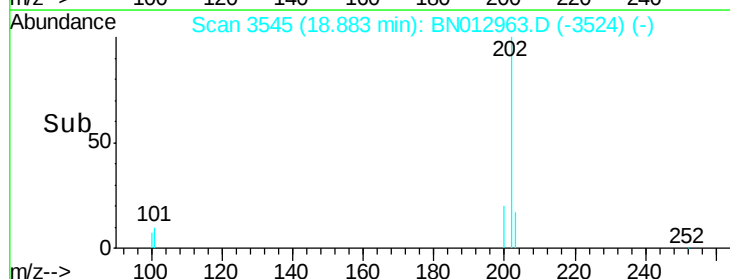
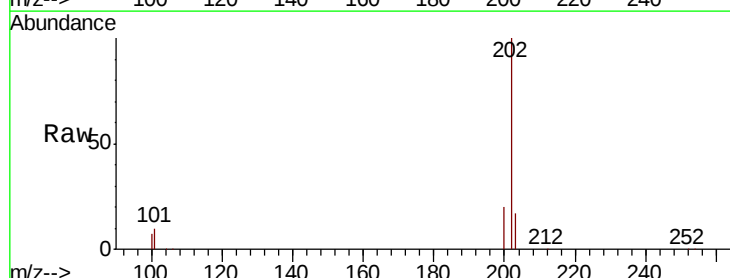
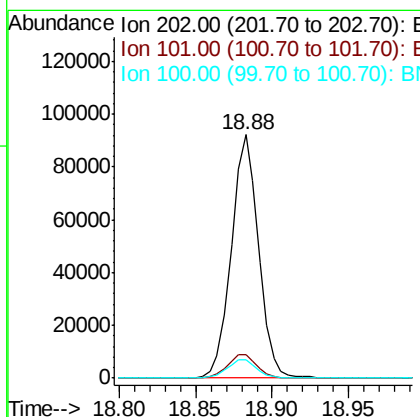
RT: 18.88 min Scan# 3545

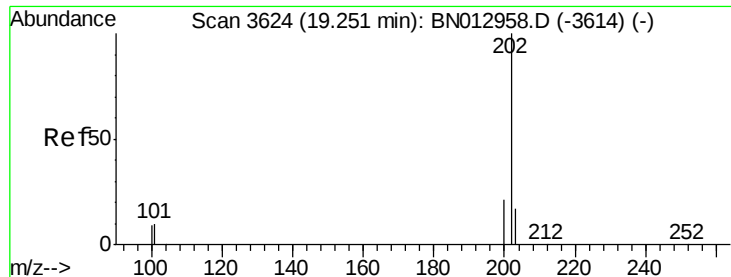
Delta R.T. -0.00 min

Lab File: BN012963.D

Acq: 08 Dec 2020 06:08

Tgt Ion:	202	Resp:	114064
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.6
100	7.4	0.0	28.7





#17

Pvrene

Concen: 4.274 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN012963.D

Acq: 08 Dec 2020 06:08

Instrument :

BNA_N

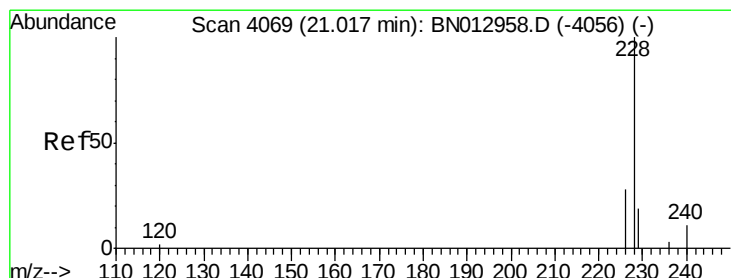
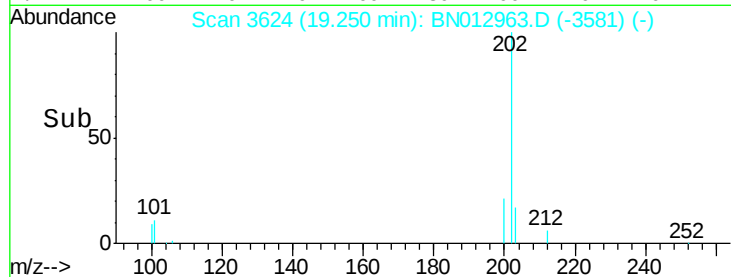
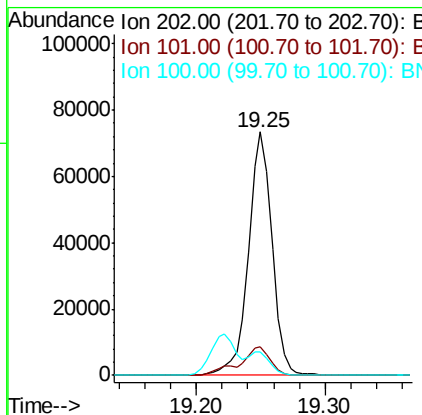
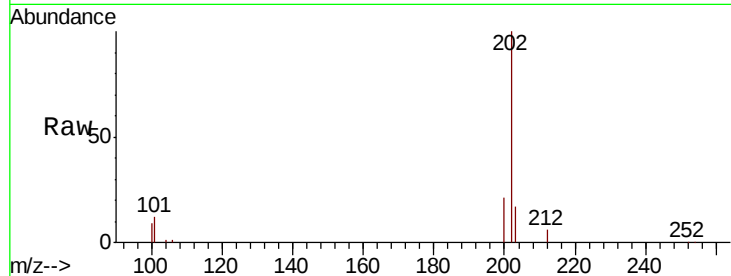
ClientSampleId :

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Tot Ion:	202	Resp:	93220
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.1	13.7
100	9.4	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 2.855 ng/ul

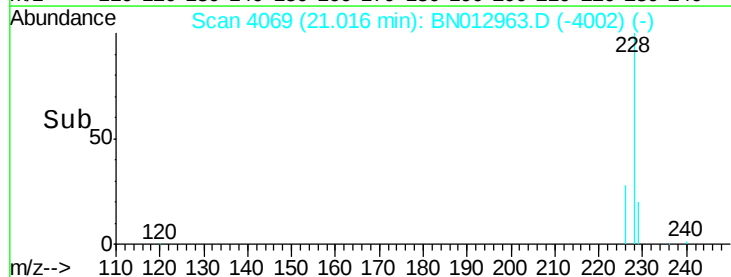
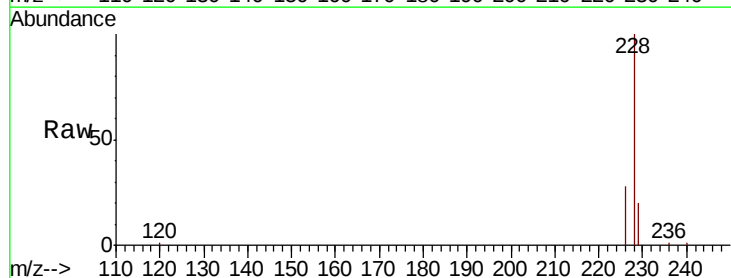
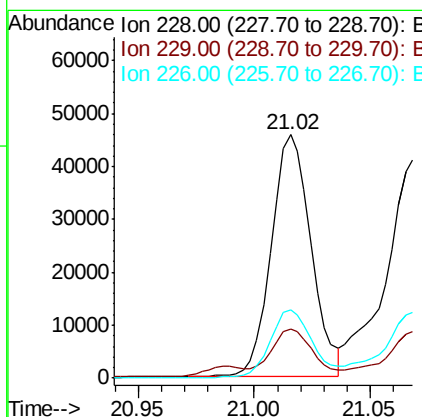
RT: 21.02 min Scan# 4069

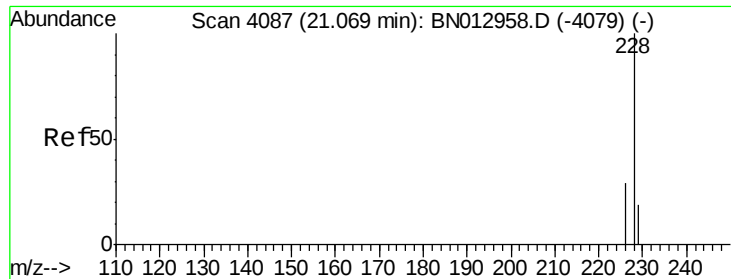
Delta R.T. -0.00 min

Lab File: BN012963.D

Acq: 08 Dec 2020 06:08

Tgt Ion:	228	Resp:	54540
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.3	24.5
226	28.3	23.4	35.2





#19

Chrysene

Concen: 2.694 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012963.D

Acq: 08 Dec 2020 06:08

Instrument :

BNA_N

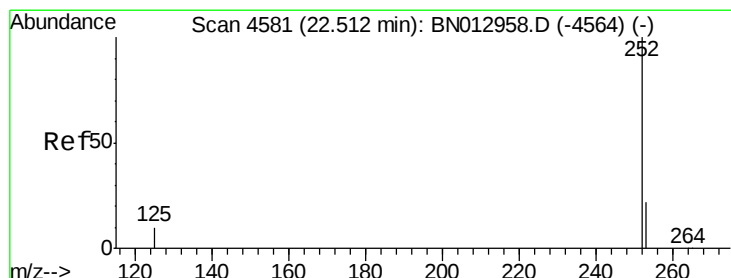
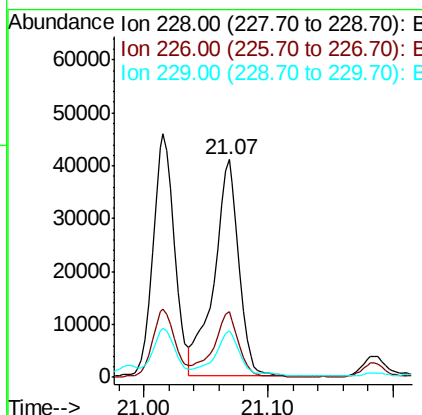
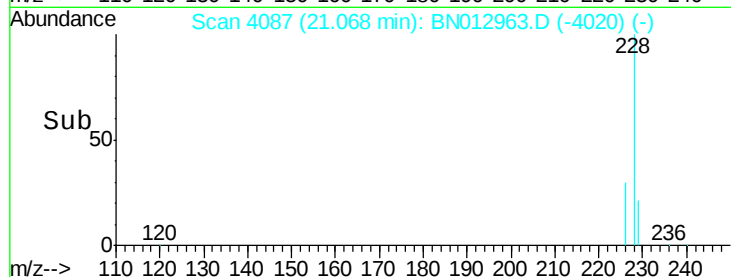
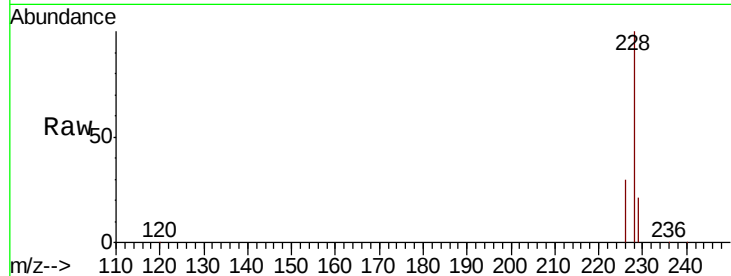
ClientSampleId :

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Tot Ion:	228	Resp:	56861
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	21.5	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 4.268 ng/ul m

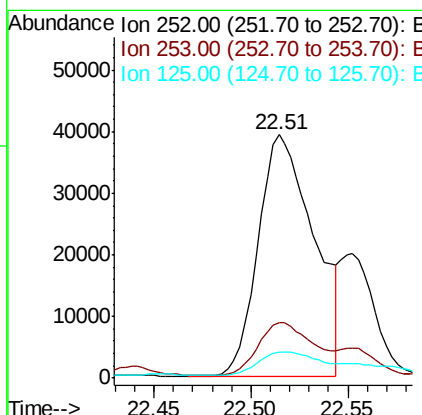
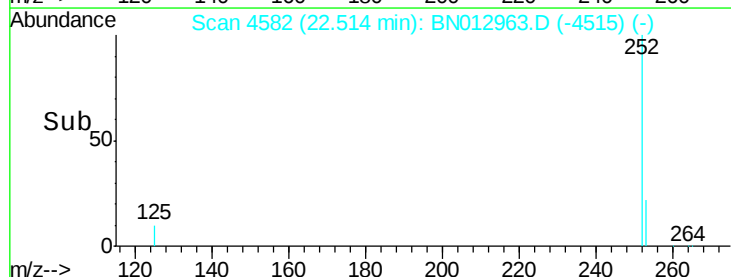
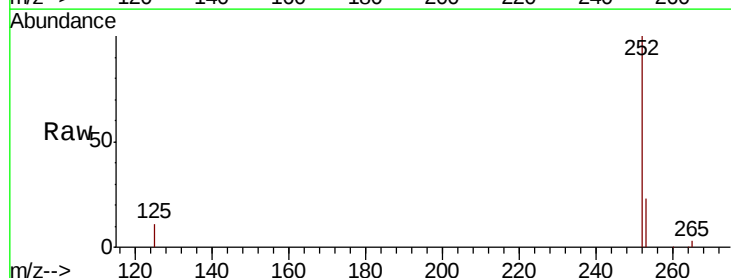
RT: 22.51 min Scan# 4582

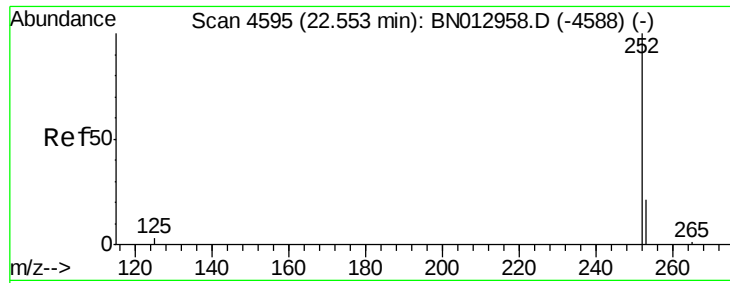
Delta R.T. -0.00 min

Lab File: BN012963.D

Acq: 08 Dec 2020 06:08

Tgt Ion:	252	Resp:	78195
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	59.6
125	10.8	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 1.192 ng/ul m

RT: 22.55 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BN012963.D

Acq: 08 Dec 2020 06:08

Instrument :

BNA_N

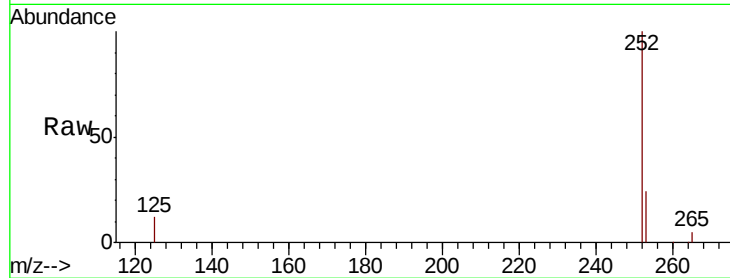
ClientSampleId :

C0AZ3

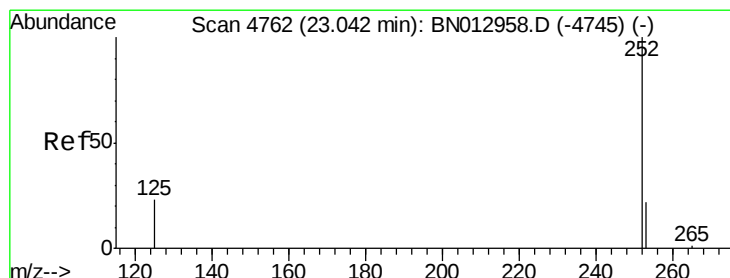
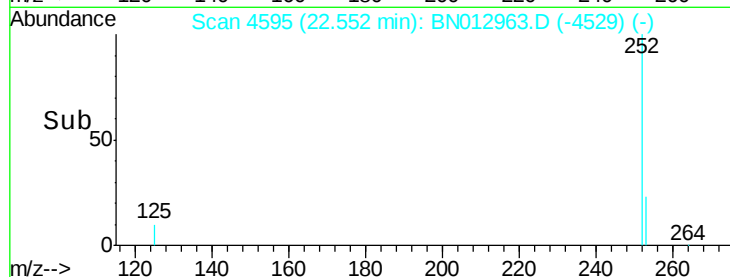
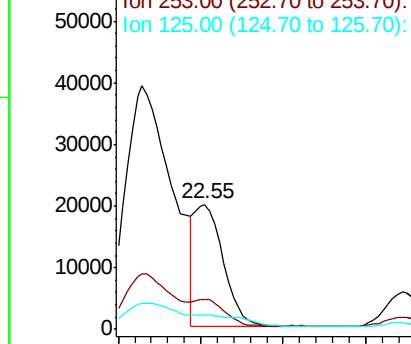
Tot Ion:	252	Resp:	24147
Ion Ratio	Lower	Upper	
252	100		
253	24.3	23.4	35.2
125	11.7	11.1	16.7

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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: 2.791 ng/ul m

RT: 23.04 min Scan# 4763

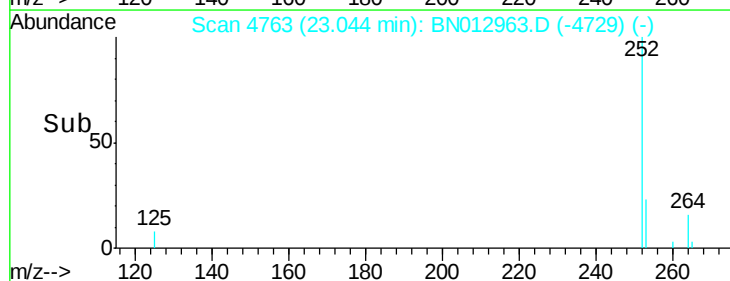
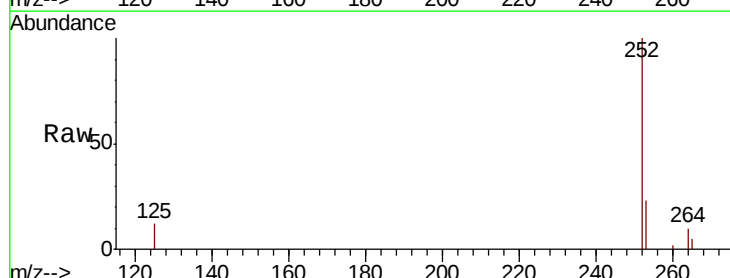
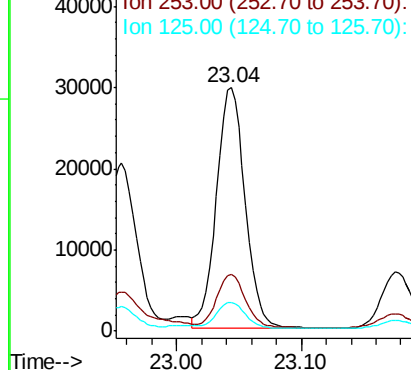
Delta R.T. -0.00 min

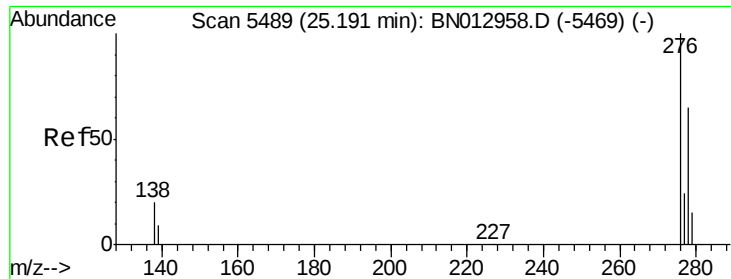
Lab File: BN012963.D

Acq: 08 Dec 2020 06:08

Tgt Ion:	252	Resp:	47437
Ion Ratio	Lower	Upper	
252	100		
253	23.5	26.5	39.7#
125	11.8	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





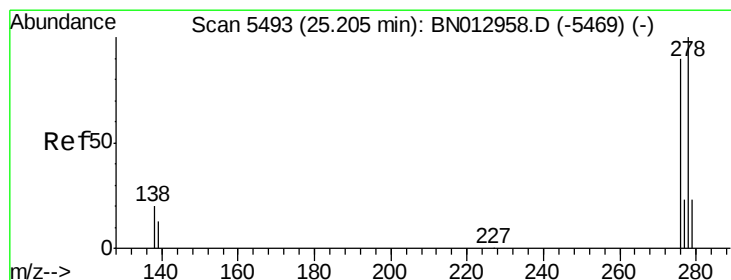
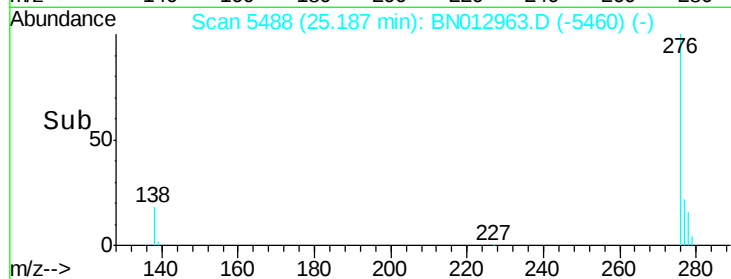
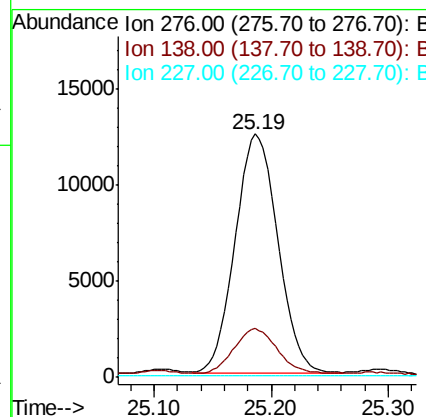
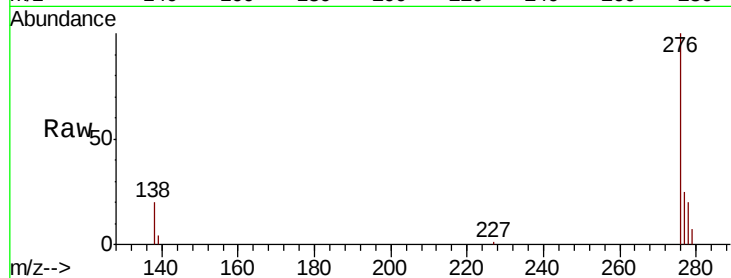
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.410 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.01 min
Lab File: BN012963.D
Acq: 08 Dec 2020 06:08

Instrument :
BNA_N
ClientSampleId :
C0AZ3

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.2	24.2
227	0.1	0.0	0.0

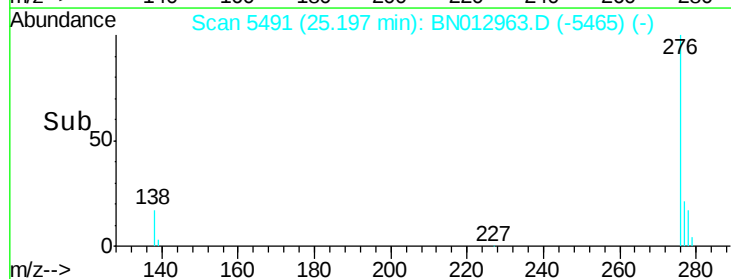
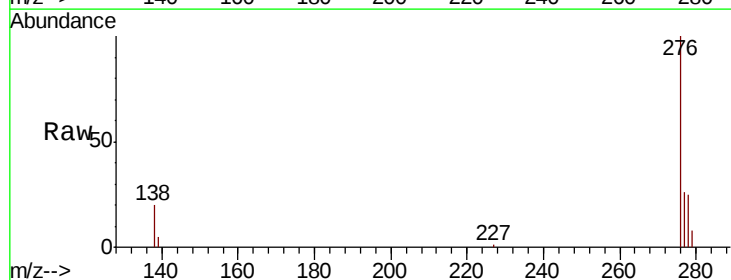
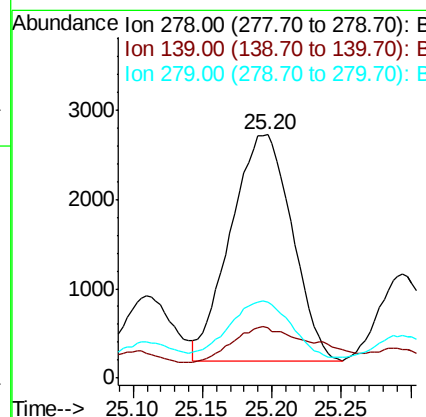
Manual Integrations
APPROVED

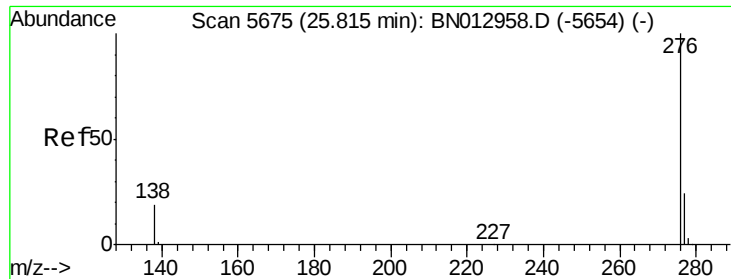
mohammad
12/9/2020 12:23:34 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.440 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.01 min
Lab File: BN012963.D
Acq: 08 Dec 2020 06:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	14.5	21.7
279	31.1	26.3	39.5





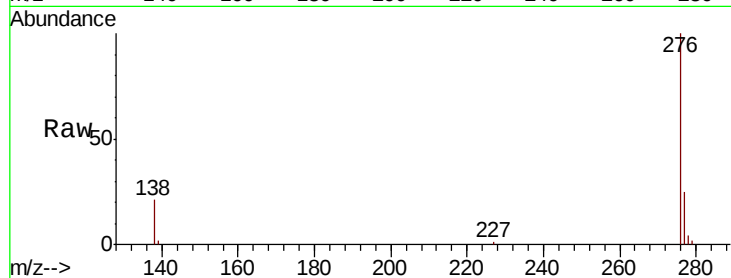
#26
Benzo(a,h,i)perylene
Concen: 1.487 ng/ul
RT: 25.81 min Scan# 5675
Delta R.T. -0.01 min
Lab File: BN012963.D
Acq: 08 Dec 2020 06:08

Instrument :
BNA_N
ClientSampleId :
C0AZ3

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.3	24.5
277	24.7	21.8	32.6

Manual Integrations
APPROVED

mohammad
12/9/2020 12:23:34 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

