

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012939.D
 Acq On : 07 Dec 2020 15:05
 Operator : CG/JU
 Sample : L4864-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B00

Manual Integrations
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Quant Time: Dec 07 15:49:14 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	1027	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4253	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2456	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5186	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4429	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4571	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	870	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	2074	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	459	0.037	ng/ul#	75
5) 2-Methylnaphthalene	11.84	142	211	0.026	ng/ul	94
7) Acenaphthylene	13.77	152	356	0.031	ng/ul#	72
8) Acenaphthene	14.12	153	473	0.050	ng/ul	96
9) Fluorene	15.12	166	546	0.050	ng/ul#	94
12) Phenanthrene	16.85	178	8908	0.512	ng/ul	97
13) Anthracene	16.94	178	1883	0.127	ng/ul	98
15) Fluoranthene	18.88	202	12666	0.613	ng/ul	99
17) Pyrene	19.25	202	11699	0.559	ng/ul	99
18) Benzo(a)anthracene	21.02	228	5584	0.305	ng/ul	98
19) Chrysene	21.07	228	5632	0.278	ng/ul	97
21) Benzo(b)fluoranthene	22.52	252	7935m	0.375	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	3119m	0.133	ng/ul	
23) Benzo(a)pyrene	23.04	252	5403m	0.275	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	3192	0.124	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	851	0.042	ng/ul#	44
26) Benzo(a,h,i)perylene	25.82	276	3097	0.133	ng/ul#	91

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

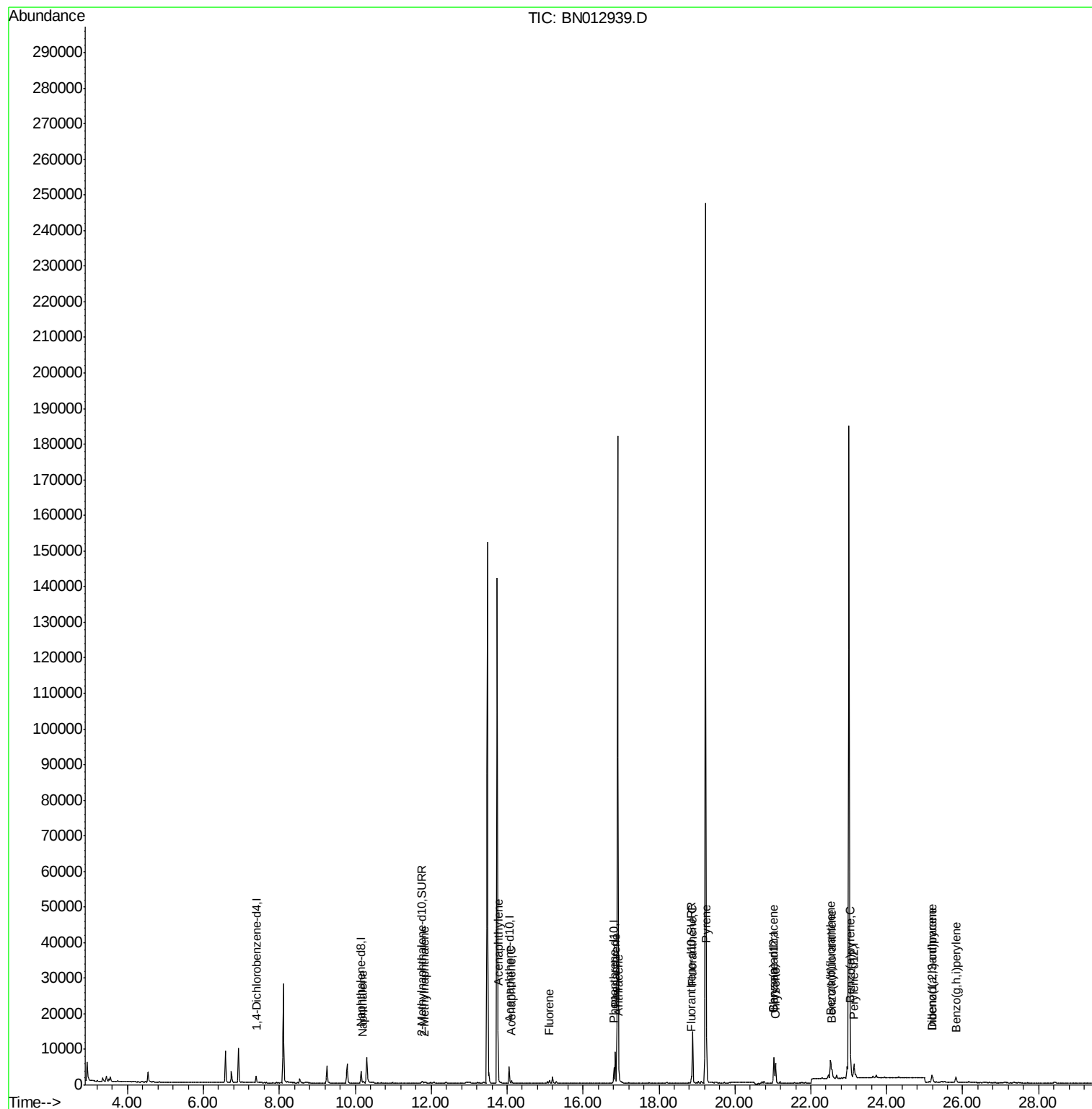
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012939.D
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ALS Vial : 9 Sample Multiplier: 1

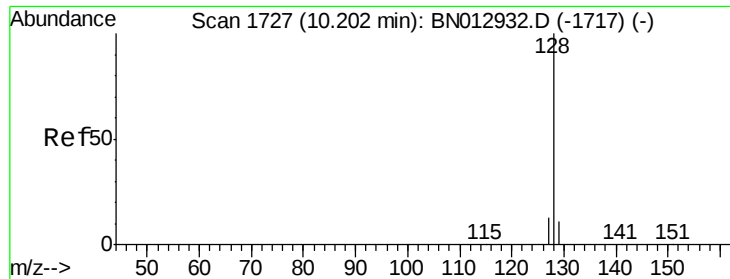
Instrument :
BNA_N
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Quant Time: Dec 07 15:49:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:24:06 2020
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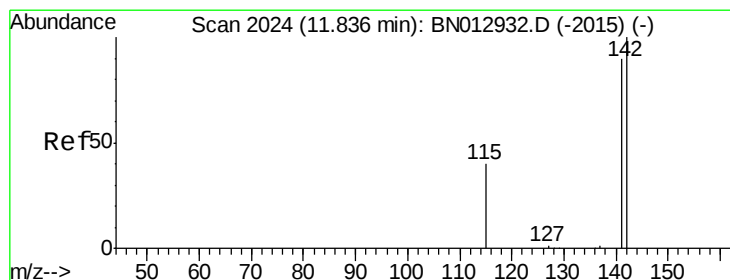
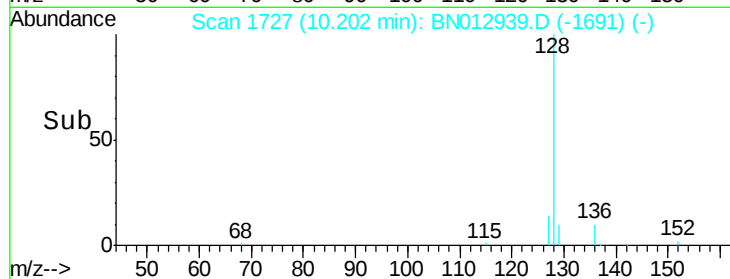
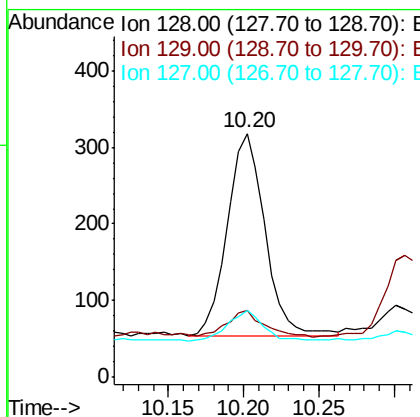
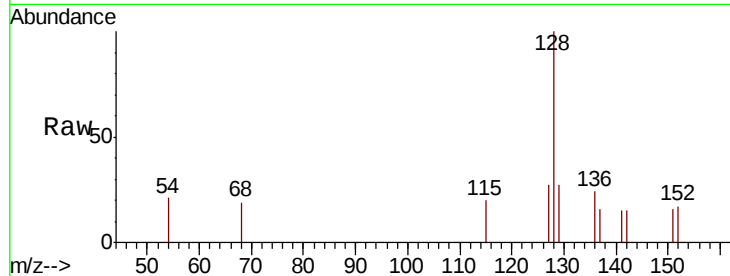
#3
Naphthalene
Concen: 0.037 ng/ul
RT: 10.20 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BN012939.D
Acq: 07 Dec 2020 15:05

Instrument :
BNA_N
ClientSampleId :
C0B00

Tot Ion	Ratio	Lower	Upper
128	100		
129	27.4	12.3	18.5#
127	27.4	14.2	21.4#

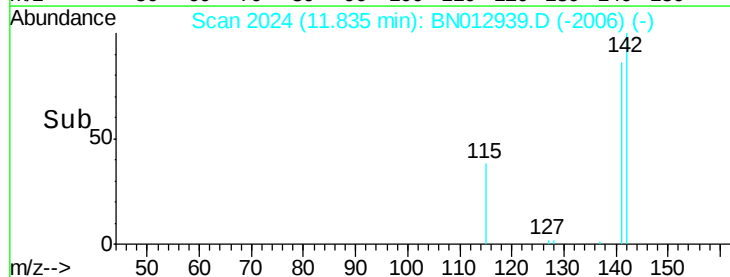
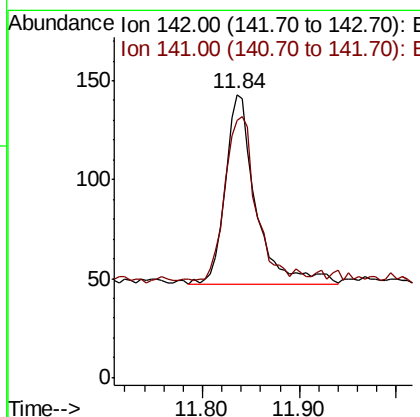
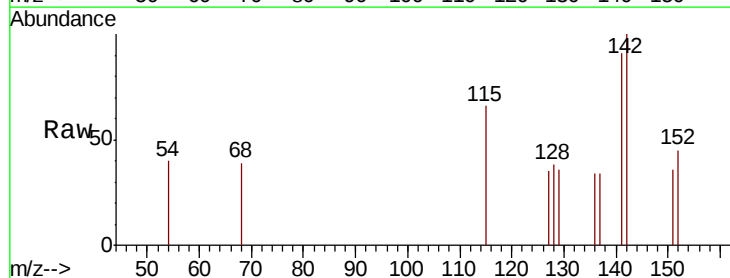
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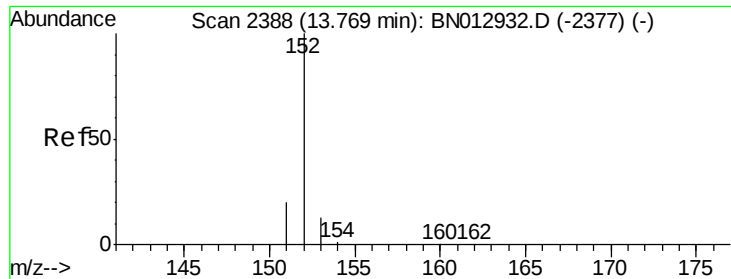
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#5
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.84 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BN012939.D
Acq: 07 Dec 2020 15:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.8	73.0	109.6





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BN012939.D

Acq: 07 Dec 2020 15:05

Instrument :

BNA_N

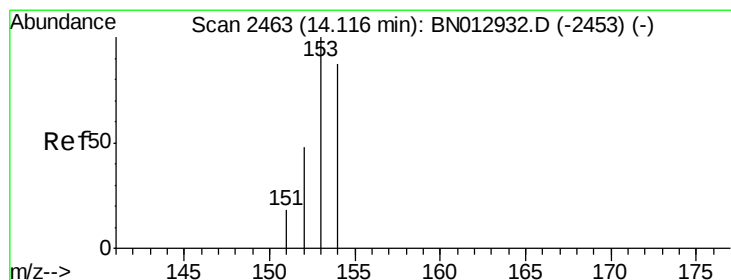
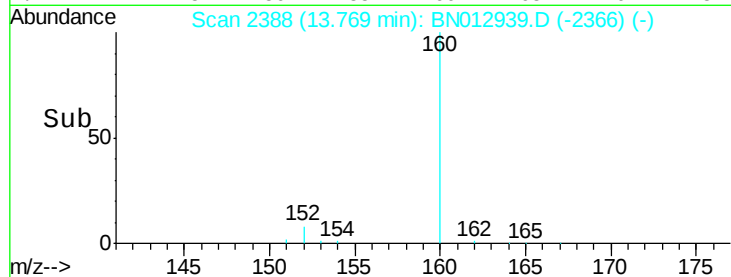
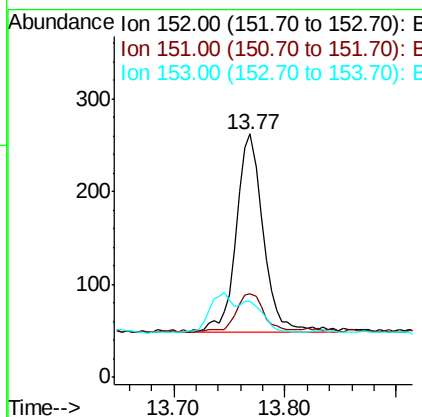
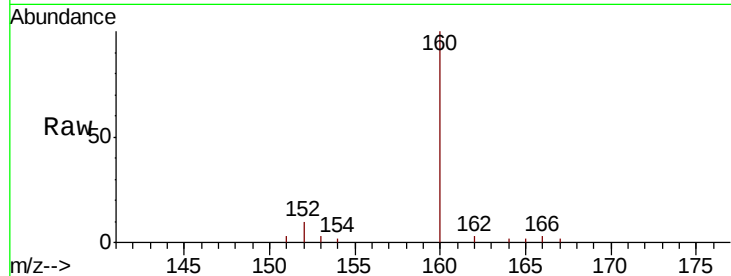
ClientSampleId :

C0B00

Tot Ion:	152	Resp:	356
Ion Ratio	Lower	Upper	
152	100		
151	34.4	18.2	27.4#
153	31.3	13.1	19.7#

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#8

Acenaphthene

Concen: 0.050 ng/ul

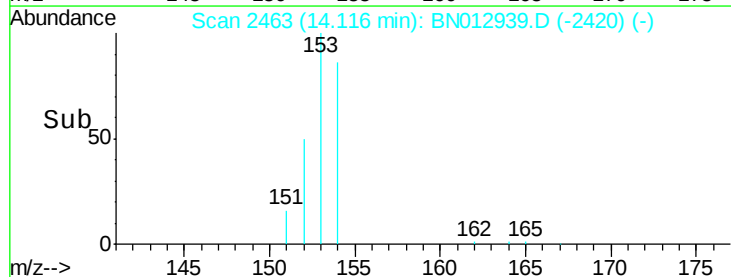
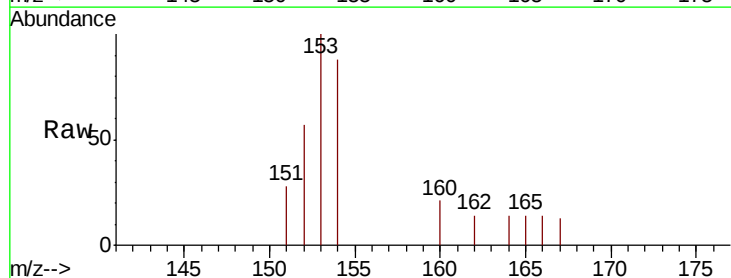
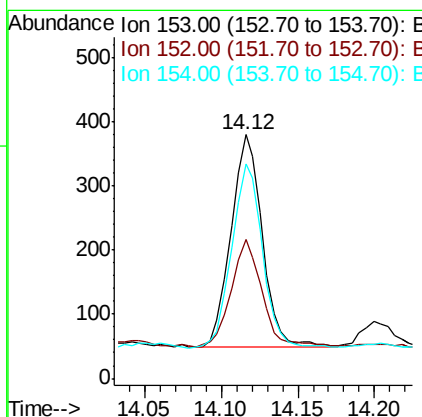
RT: 14.12 min Scan# 2463

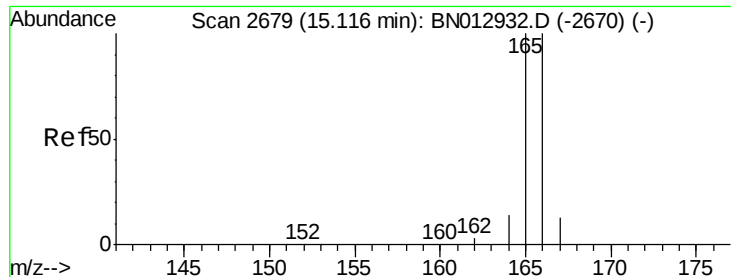
Delta R.T. -0.00 min

Lab File: BN012939.D

Acq: 07 Dec 2020 15:05

Tgt Ion:	153	Resp:	473
Ion Ratio	Lower	Upper	
153	100		
152	57.1	40.7	61.1
154	87.9	70.8	106.2





#9

Fluorene

Concen: 0.050 ng/ul

RT: 15.12 min Scan# 2679

Delta R.T. -0.00 min

Lab File: BN012939.D

Acq: 07 Dec 2020 15:05

Instrument :

BNA_N

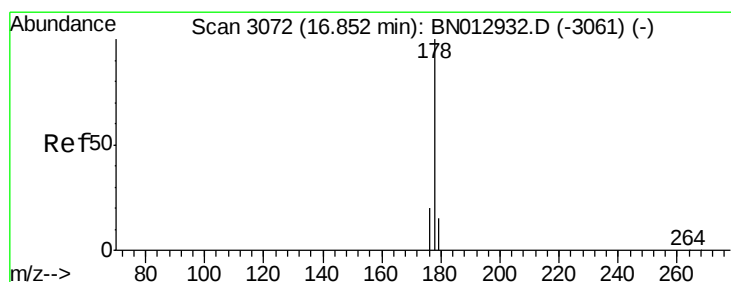
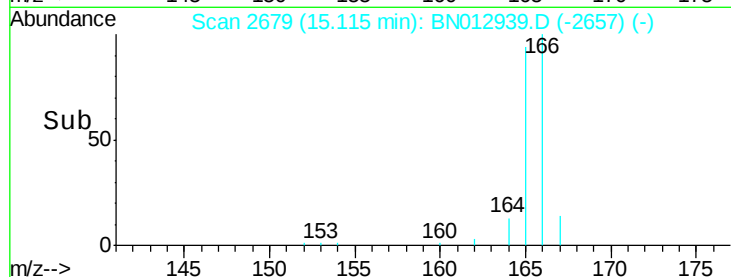
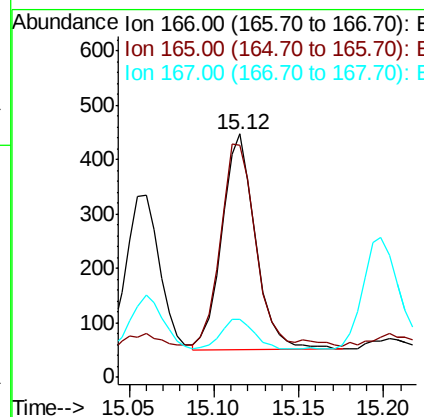
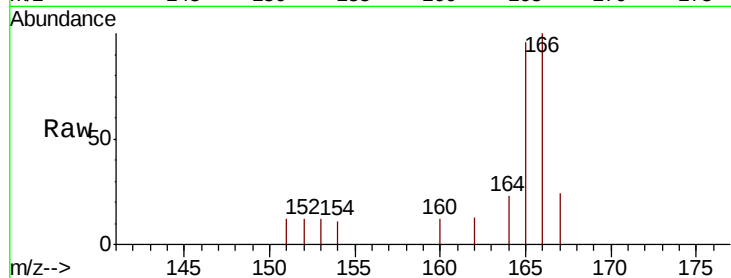
ClientSampleId :

C0B00

Tot Ion:	166	Resp:	546
Ion Ratio	Lower	Upper	
166	100		
165	95.5	79.8	119.8
167	24.2	13.8	20.8

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#12

Phenanthrene

Concen: 0.512 ng/ul

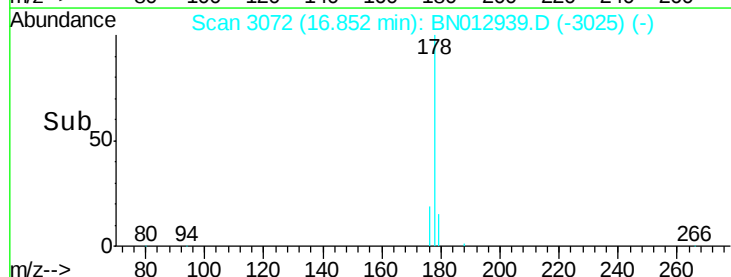
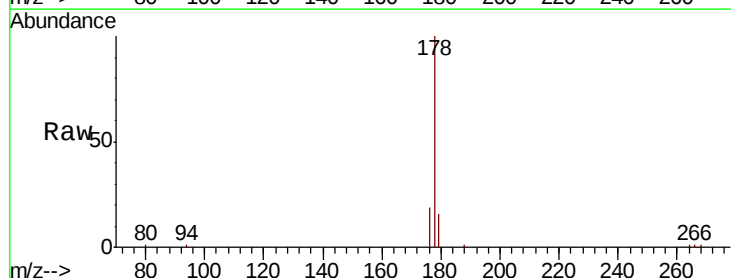
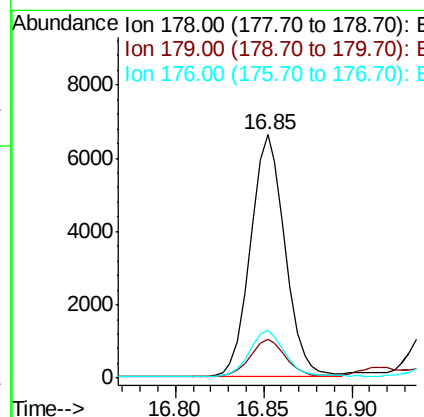
RT: 16.85 min Scan# 3072

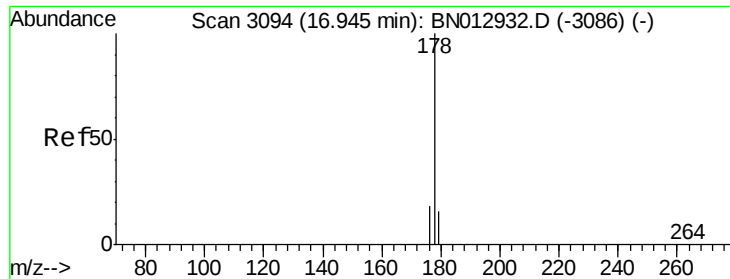
Delta R.T. -0.00 min

Lab File: BN012939.D

Acq: 07 Dec 2020 15:05

Tgt Ion:	178	Resp:	8908
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.6	20.4
176	19.4	16.4	24.6





#13

Anthracene

Concen: 0.127 ng/ul

RT: 16.94 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BN012939.D

Acq: 07 Dec 2020 15:05

Instrument :

BNA_N

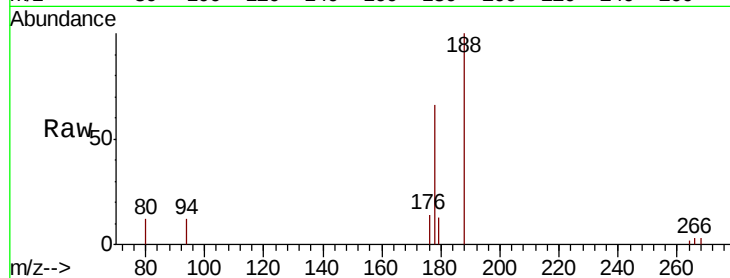
ClientSampleId :

C0B00

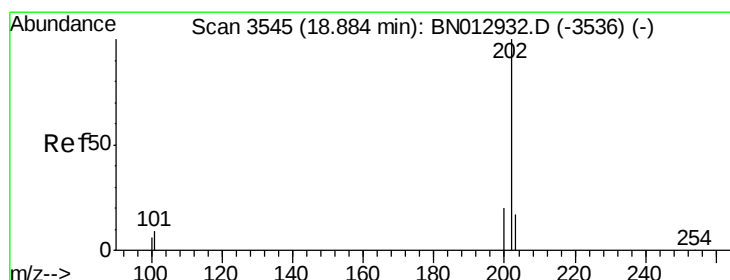
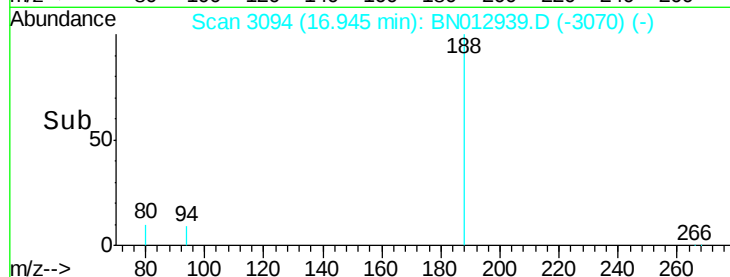
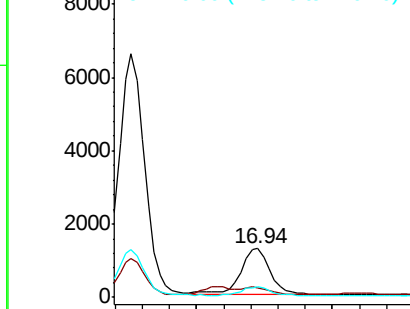
Tot Ion:	178	Resp:	1883
Ion Ratio	Lower	Upper	
178	100		
179	20.0	14.6	21.8
176	21.7	17.1	25.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.613 ng/ul

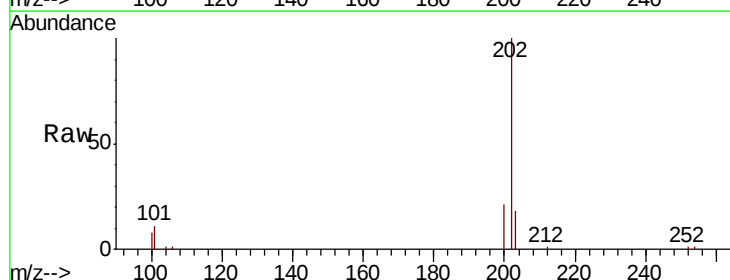
RT: 18.88 min Scan# 3545

Delta R.T. -0.00 min

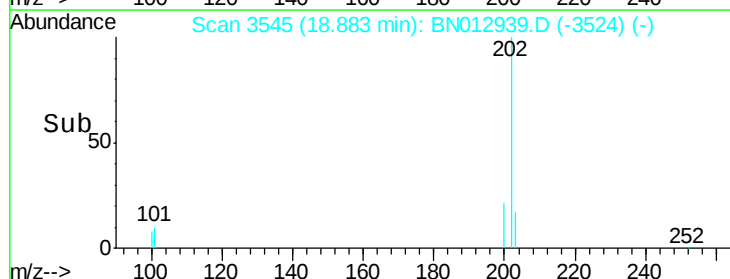
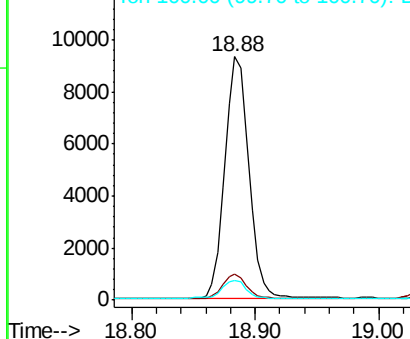
Lab File: BN012939.D

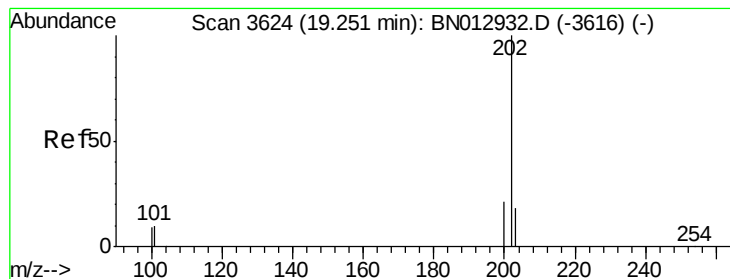
Acq: 07 Dec 2020 15:05

Tgt Ion:	202	Resp:	12666
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.6
100	8.1	0.0	28.7



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





#17

Pvrene

Concen: 0.559 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN012939.D

Acq: 07 Dec 2020 15:05

Instrument :

BNA_N

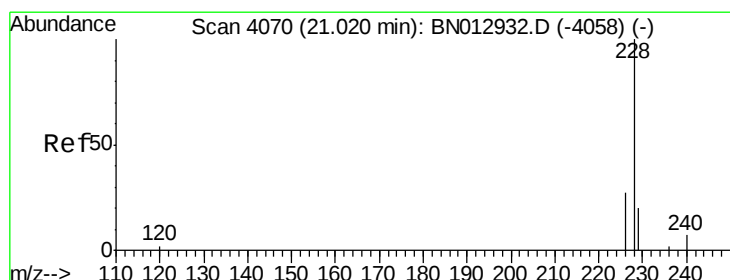
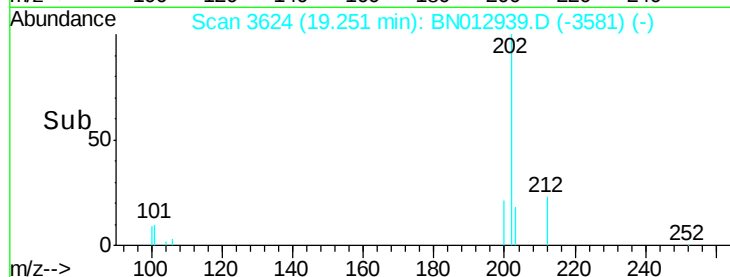
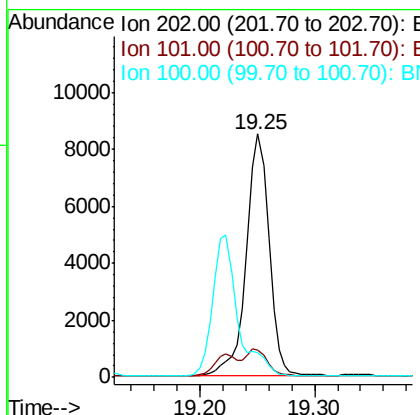
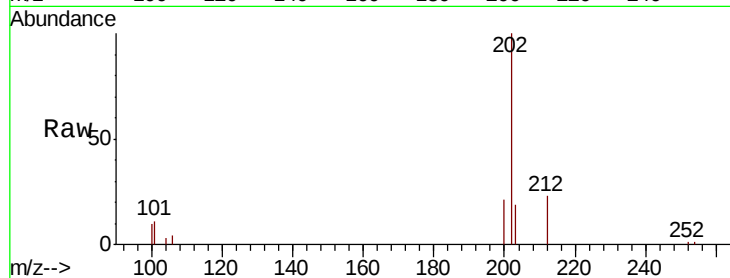
ClientSampled :

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Tot Ion:	202	Resp:	11699
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.1	13.7
100	10.0	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 0.305 ng/ul

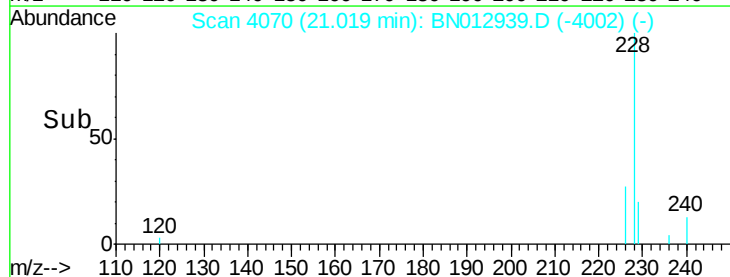
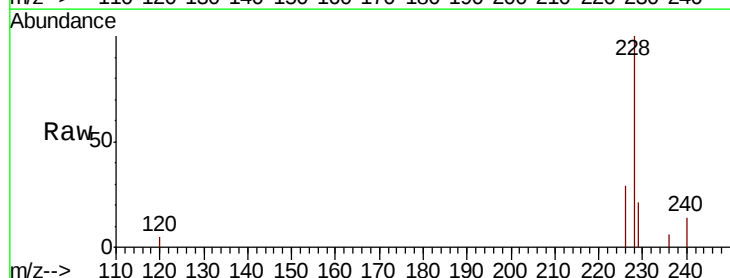
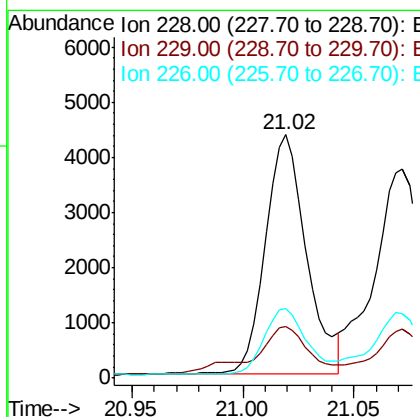
RT: 21.02 min Scan# 4070

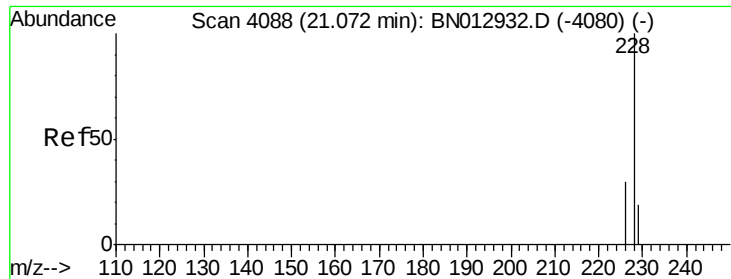
Delta R.T. -0.00 min

Lab File: BN012939.D

Acq: 07 Dec 2020 15:05

Tgt Ion:	228	Resp:	5584
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.3	24.5
226	28.6	23.4	35.2





#19

Chrysene

Concen: 0.278 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012939.D

Acq: 07 Dec 2020 15:05

Instrument :

BNA_N

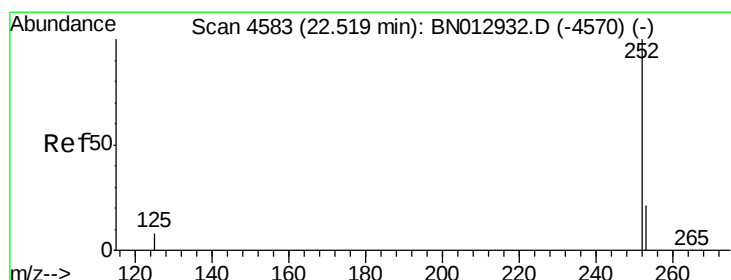
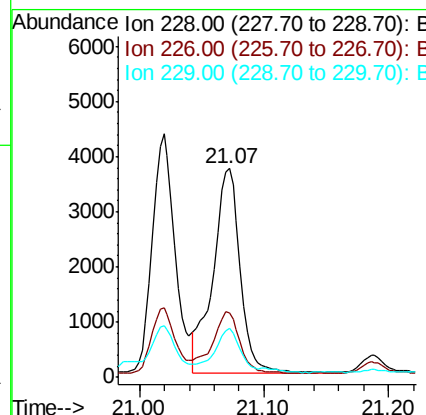
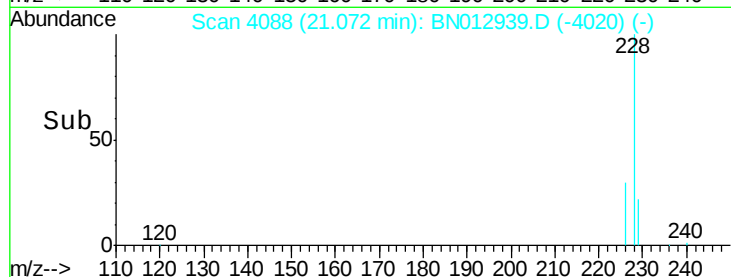
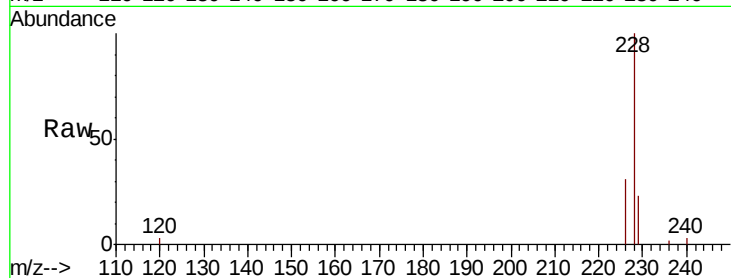
ClientSampleId :

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Tot Ion:	228	Resp:	5632
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	23.4	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 0.375 ng/ul m

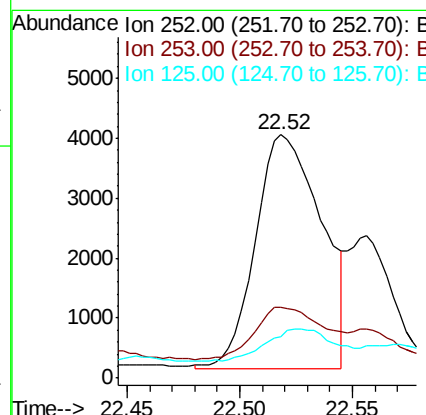
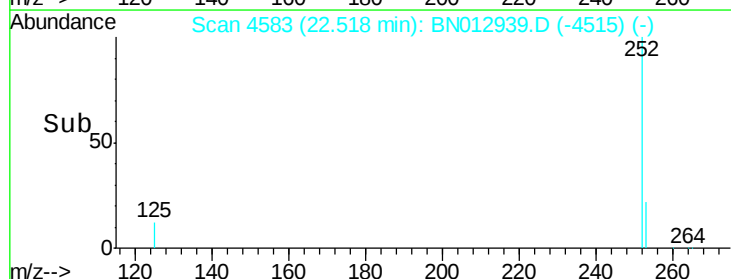
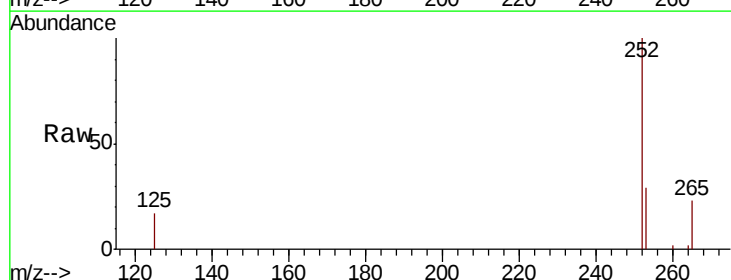
RT: 22.52 min Scan# 4583

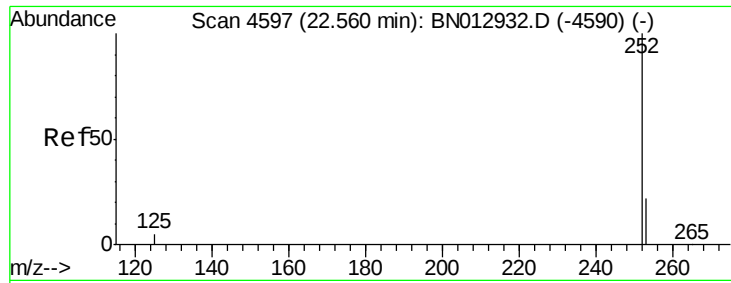
Delta R.T. -0.00 min

Lab File: BN012939.D

Acq: 07 Dec 2020 15:05

Tgt Ion:	252	Resp:	7935
Ion Ratio	Lower	Upper	
252	100		
253	29.0	0.0	59.6
125	17.0	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 0.133 ng/ul m

RT: 22.56 min Scan# 4596

Delta R.T. -0.00 min

Lab File: BN012939.D

Acq: 07 Dec 2020 15:05

Instrument :

BNA_N

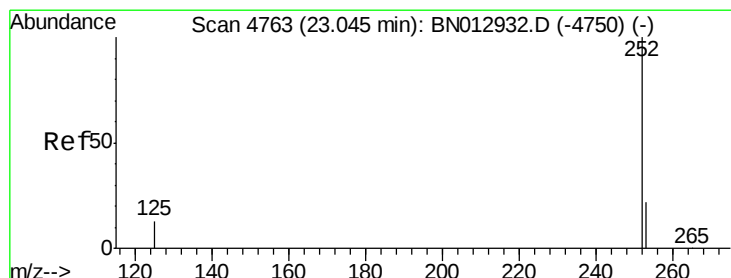
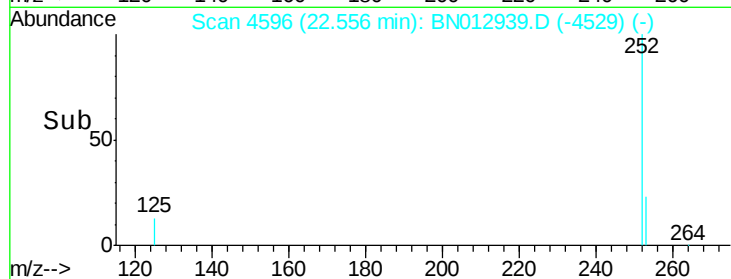
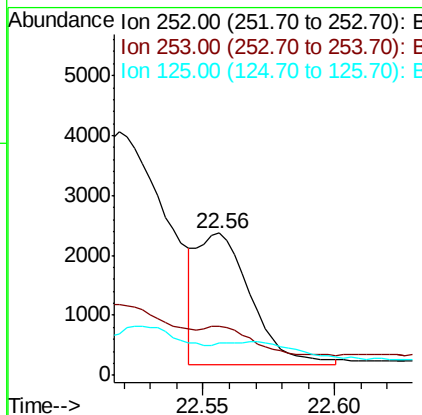
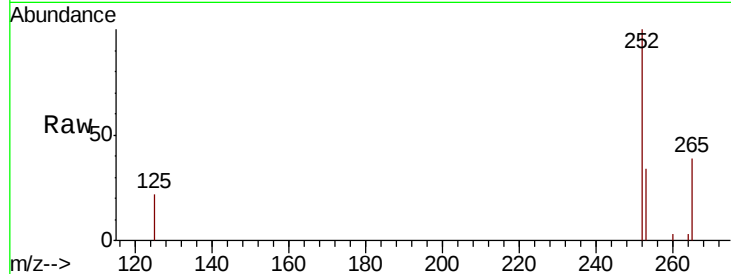
ClientSampleId :

C0B00

Tot Ion:	252	Resp:	3119
Ion Ratio	Lower	Upper	
252	100		
253	34.3	23.4	35.2
125	22.5	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 0.275 ng/ul m

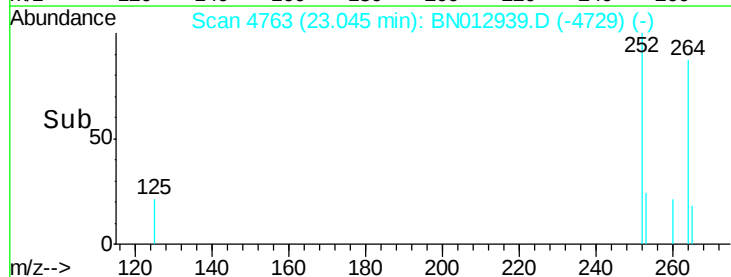
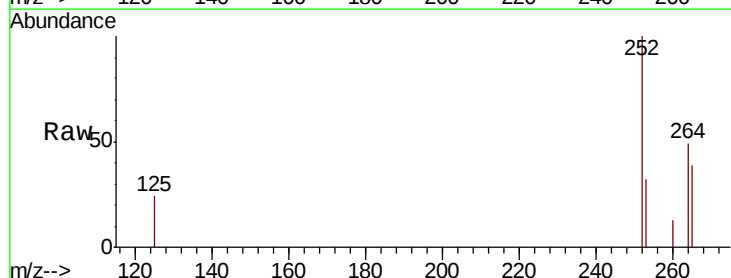
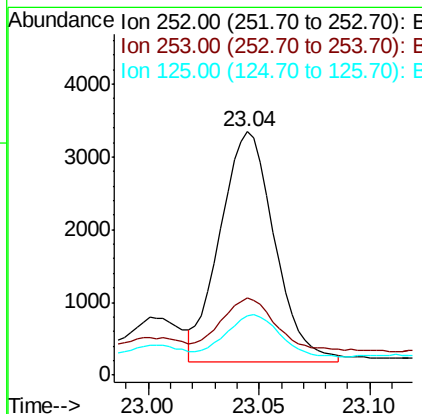
RT: 23.04 min Scan# 4763

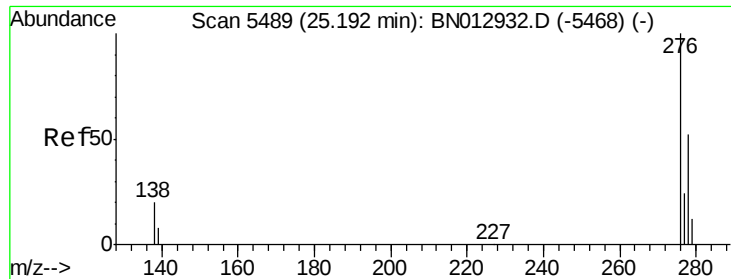
Delta R.T. -0.00 min

Lab File: BN012939.D

Acq: 07 Dec 2020 15:05

Tgt Ion:	252	Resp:	5403
Ion Ratio	Lower	Upper	
252	100		
253	31.5	26.5	39.7
125	24.3	14.2	21.2#





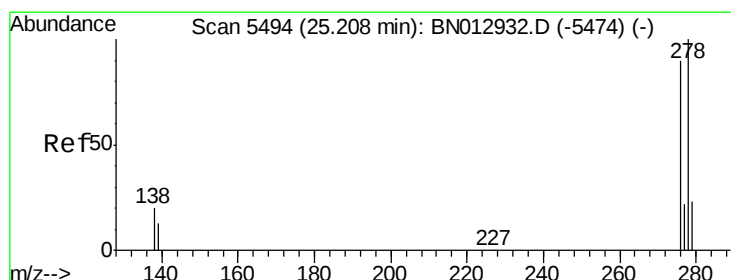
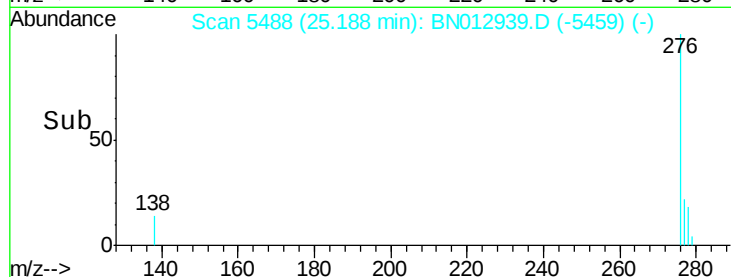
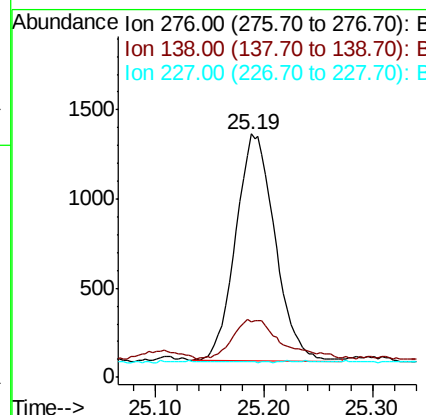
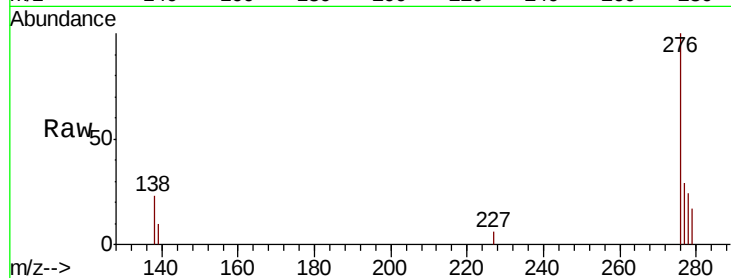
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.124 ng/u1
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012939.D
Acq: 07 Dec 2020 15:05

Instrument :
BNA_N
ClientSampleId :
C0B00

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.2	24.2
227	0.1	0.0	0.0#

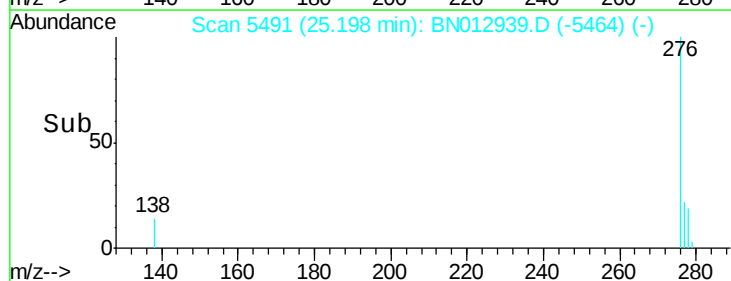
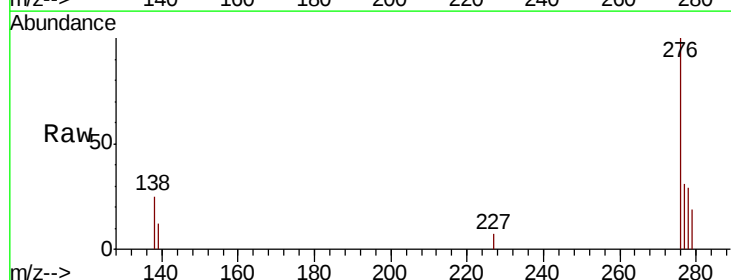
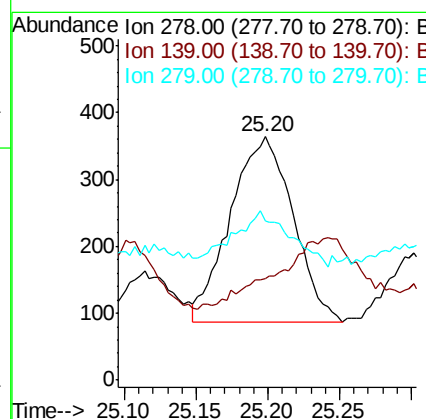
Manual Integrations
APPROVED

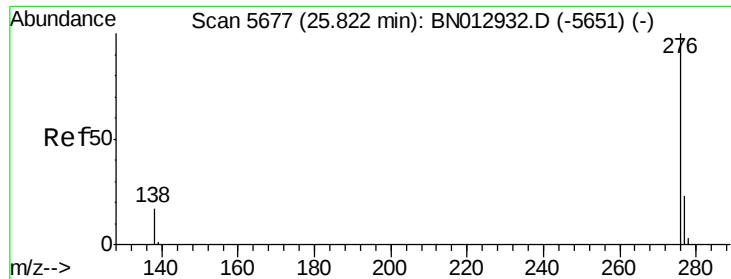
mohammad
12/9/2020 12:21:01 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.042 ng/u1
RT: 25.20 min Scan# 5491
Delta R.T. -0.01 min
Lab File: BN012939.D
Acq: 07 Dec 2020 15:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.5	14.5	21.7#
279	65.4	26.3	39.5#





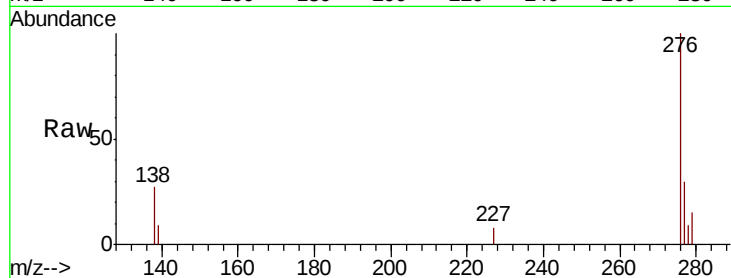
#26
Benzo(a,h,i)perylene
Concen: 0.133 ng/ul
RT: 25.82 min Scan# 5676
Delta R.T. -0.00 min
Lab File: BN012939.D
Acq: 07 Dec 2020 15:05

Instrument :
BNA_N
ClientSampleId :
C0B00

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	16.3	24.5#
277	29.9	21.8	32.6

Manual Integrations
APPROVED

mohammad
12/9/2020 12:21:01 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

