

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012928.D
 Acq On : 06 Dec 2020 21:30
 Operator : CG/JU
 Sample : L4864-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B63

Manual Integrations
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mohammad
 12/7/2020 2:12:05 PM

Quant Time: Dec 07 04:05:29 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 03:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1420	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5830	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	3298	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	6872	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	5847	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	5730	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	946	0.11	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	2134	0.11	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	454	0.027	ng/ul#	79
5) 2-Methylnaphthalene	11.84	142	271	0.024	ng/ul	100
7) Acenaphthylene	13.77	152	435	0.028	ng/ul#	73
8) Acenaphthene	14.12	153	564	0.044	ng/ul	97
9) Fluorene	15.12	166	729	0.050	ng/ul#	98
12) Phenanthrene	16.85	178	24476	1.062	ng/ul	97
13) Anthracene	16.95	178	3849	0.196	ng/ul	98
15) Fluoranthene	18.88	202	73527	2.685	ng/ul	99
17) Pyrene	19.25	202	62283	2.255	ng/ul	98
18) Benzo(a)anthracene	21.02	228	30026	1.241	ng/ul	98
19) Chrysene	21.07	228	38505	1.441	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	54401m	2.052	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	17509m	0.598	ng/ul	
23) Benzo(a)pyrene	23.04	252	30992m	1.260	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	21832	0.676	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.20	278	5220	0.204	ng/ul	94
26) Benzo(a,h,i)perylene	25.82	276	19629	0.672	ng/ul	97

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

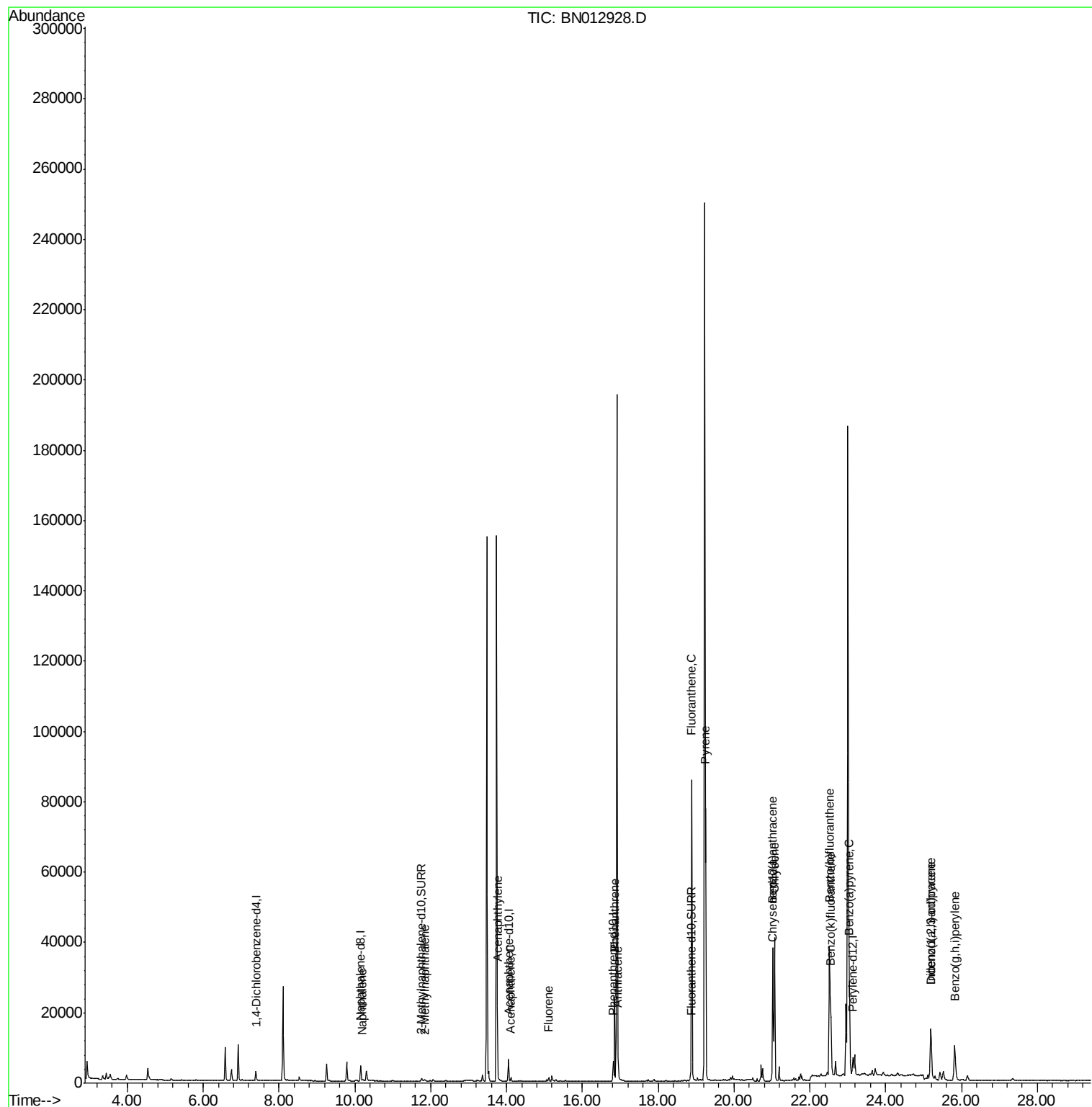
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012928.D
Acq On : 06 Dec 2020 21:30
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ALS Vial : 42 Sample Multiplier: 1

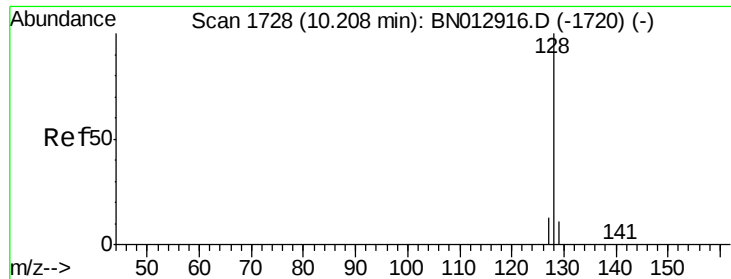
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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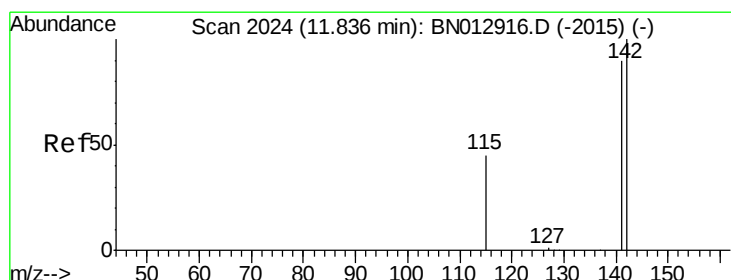
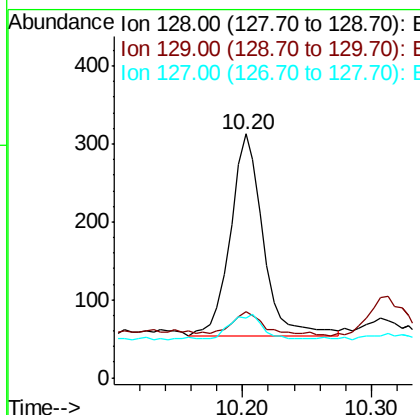
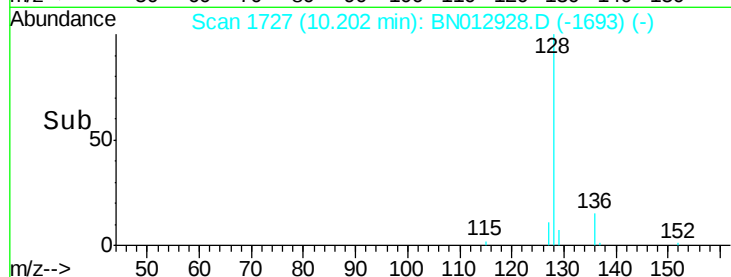
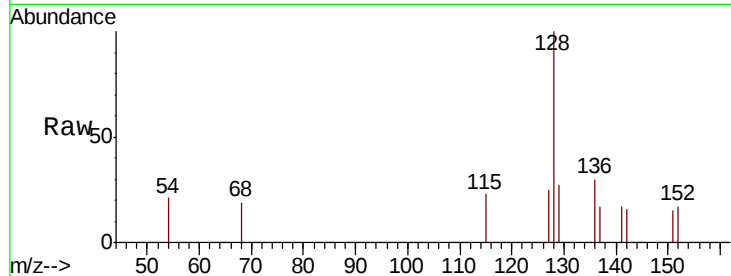
#3
Naphthalene
Concen: 0.027 ng/ul
RT: 10.20 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Instrument :
BNA_N
ClientSampleId :
C0B63

Tot Ion	Ratio	Lower	Upper
128	100		
129	26.8	12.3	18.5#
127	24.6	14.2	21.4#

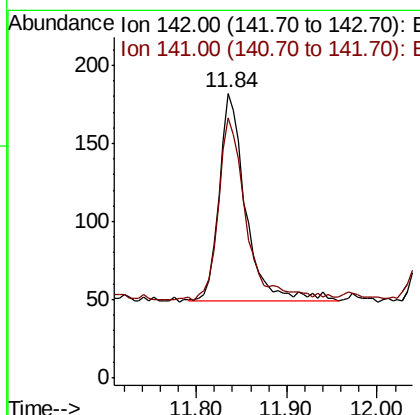
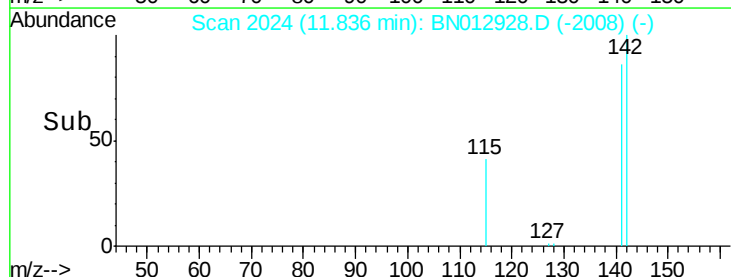
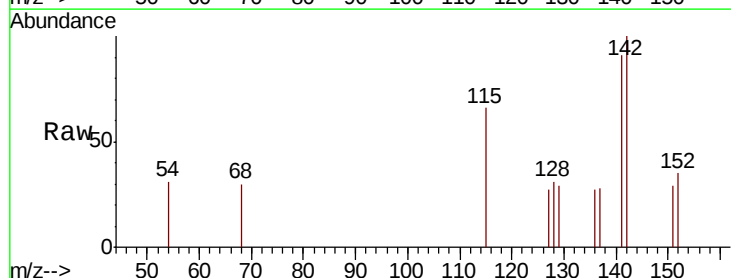
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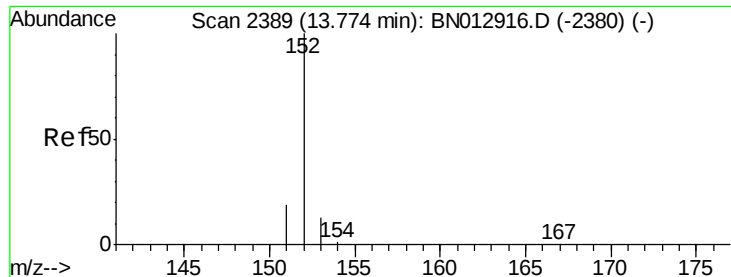
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#5
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.84 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.0	109.6





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Instrument :

BNA_N

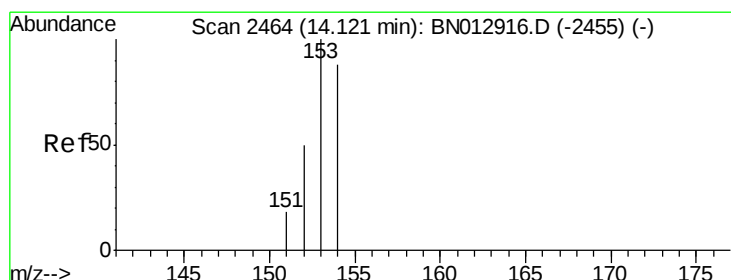
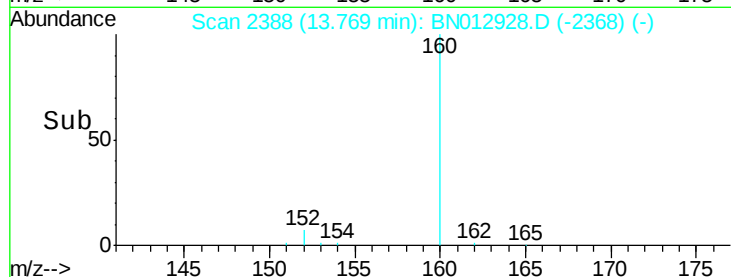
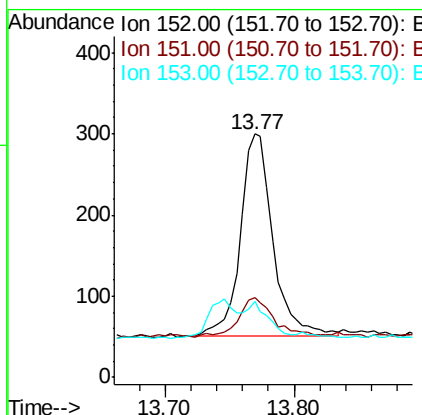
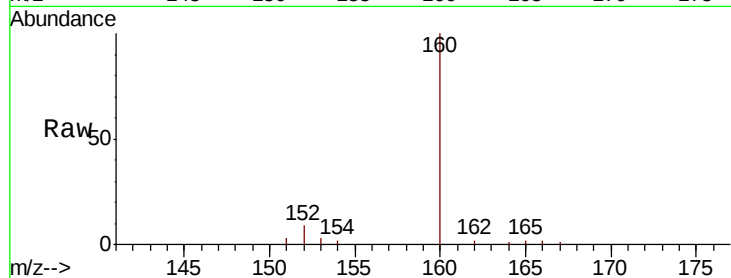
ClientSampleId :

C0B63

Tot Ion:	152	Resp:	435
Ion Ratio	Lower	Upper	
152	100		
151	33.0	18.2	27.4#
153	31.3	13.1	19.7#

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#8

Acenaphthene

Concen: 0.044 ng/ul

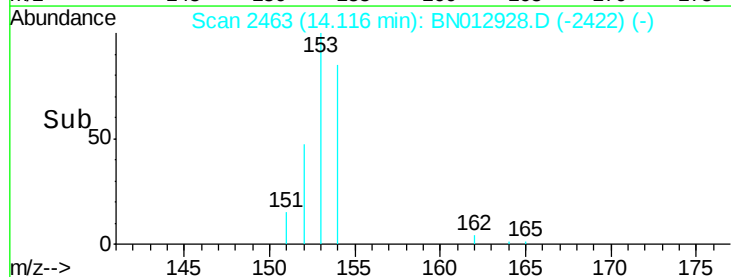
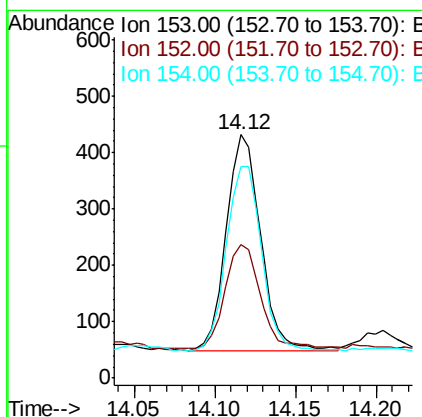
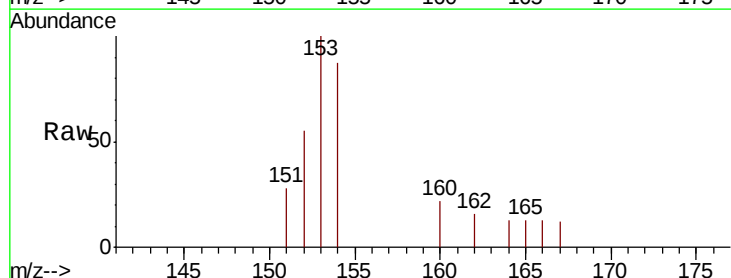
RT: 14.12 min Scan# 2463

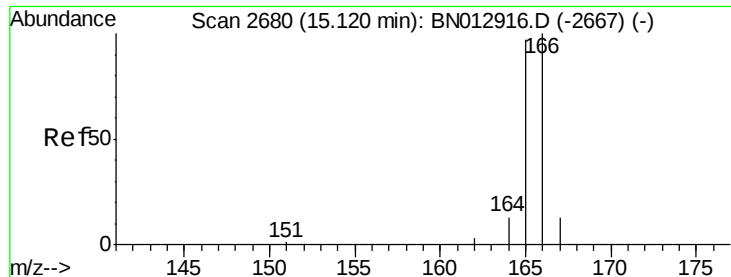
Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Tgt Ion:	153	Resp:	564
Ion Ratio	Lower	Upper	
153	100		
152	54.6	40.7	61.1
154	86.8	70.8	106.2





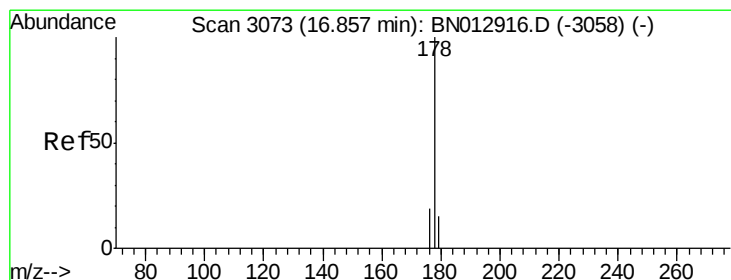
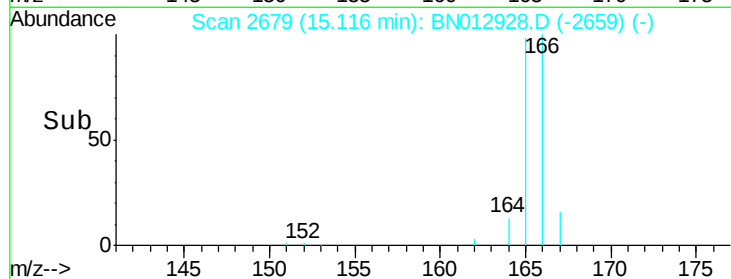
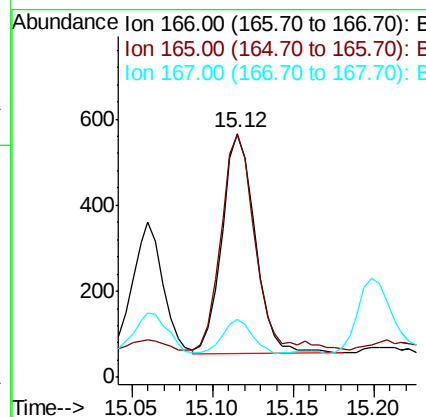
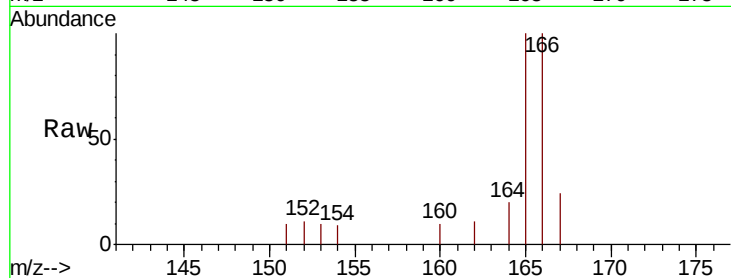
#9
Fluorene
 Concen: 0.050 ng/ul
 RT: 15.12 min Scan# 2679
 Delta R.T. -0.01 min
 Lab File: BN012928.D
 Acq: 06 Dec 2020 21:30

Instrument :
 BNA_N
 ClientSampleId :
 C0B63

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	23.9	13.8	20.8

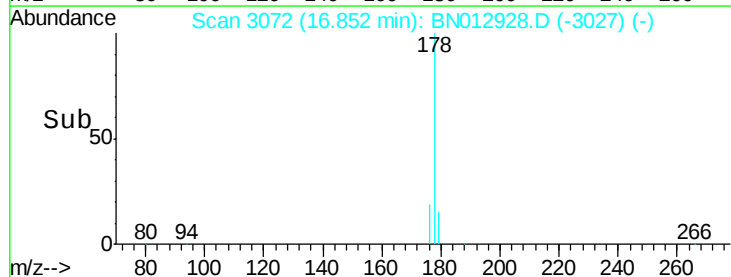
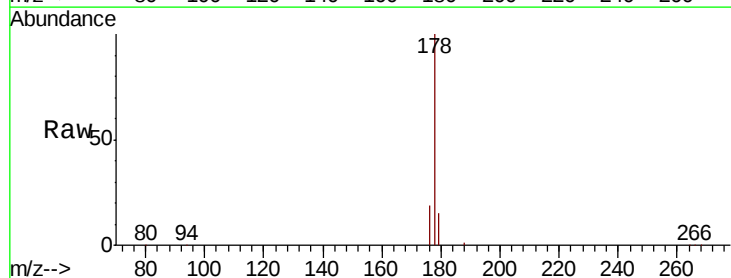
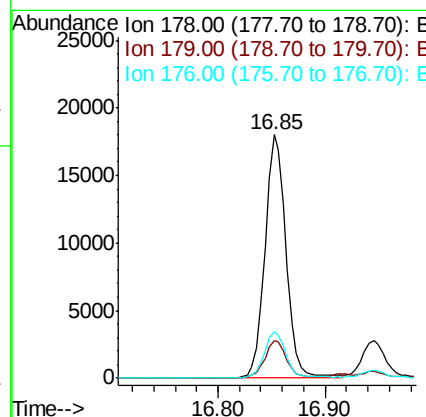
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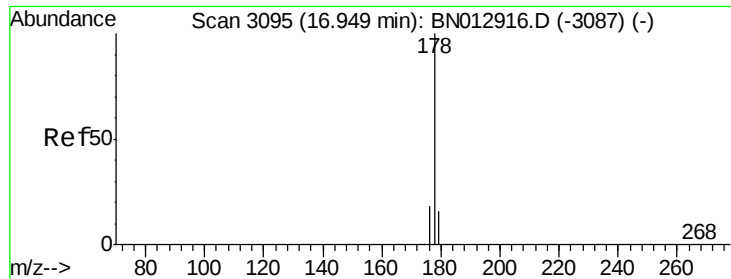
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#12
Phenanthrene
 Concen: 1.062 ng/ul
 RT: 16.85 min Scan# 3072
 Delta R.T. -0.01 min
 Lab File: BN012928.D
 Acq: 06 Dec 2020 21:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	19.2	16.4	24.6





#13

Anthracene

Concen: 0.196 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Instrument :

BNA_N

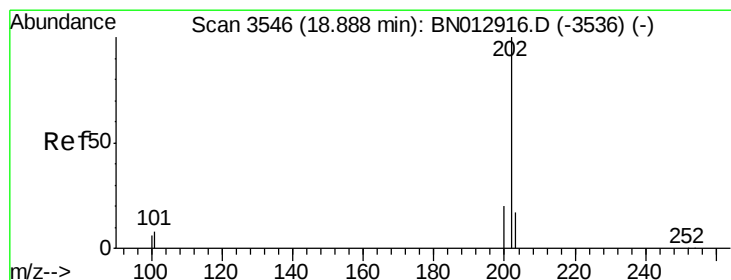
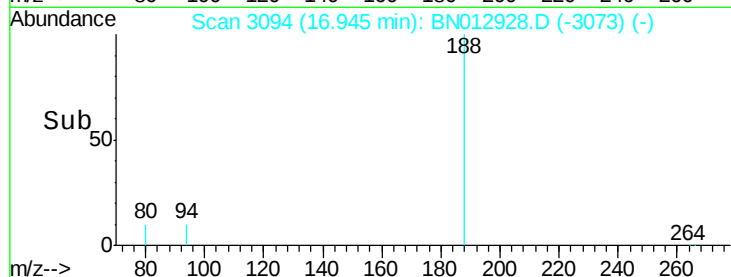
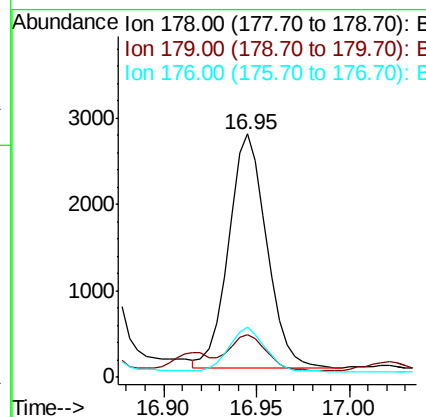
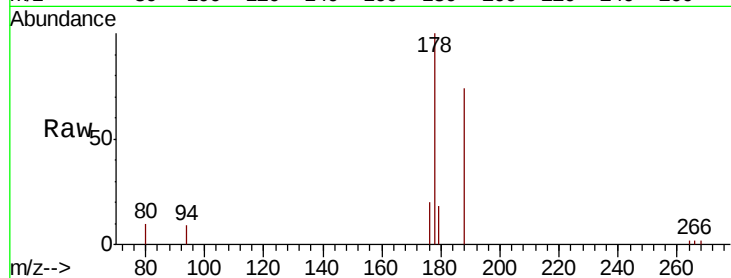
ClientSampleId :

C0B63

Tot Ion:	178	Resp:	3849
Ion Ratio	Lower	Upper	
178	100		
179	17.6	14.6	21.8
176	20.4	17.1	25.7

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#15

Fluoranthene

Concen: 2.685 ng/ul

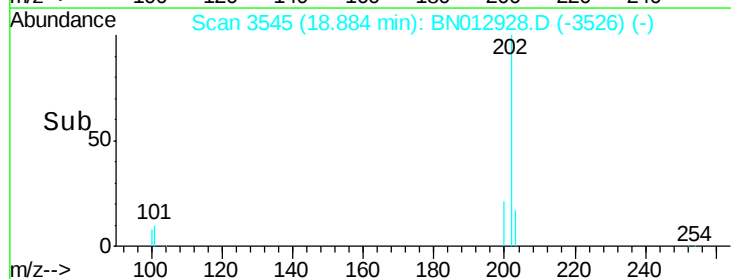
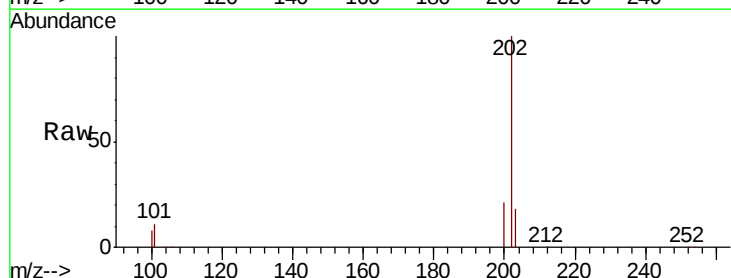
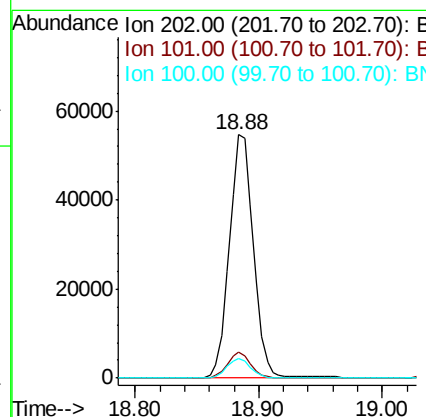
RT: 18.88 min Scan# 3545

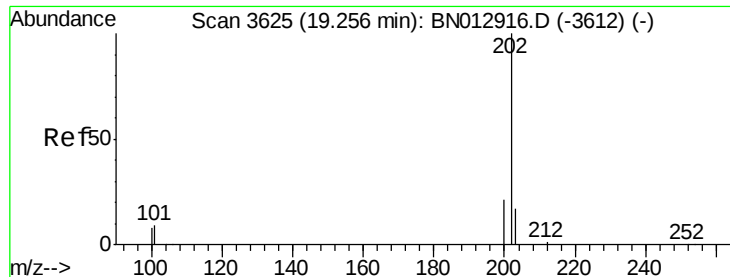
Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Tgt Ion:	202	Resp:	73527
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.6
100	8.2	0.0	28.7





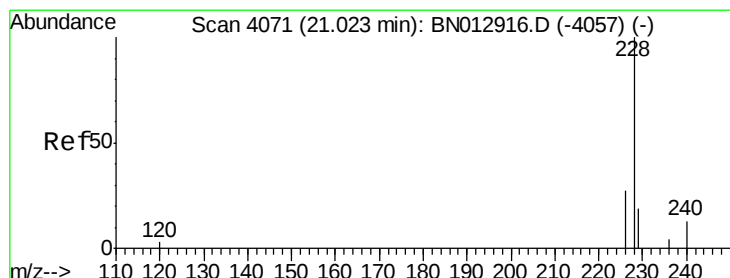
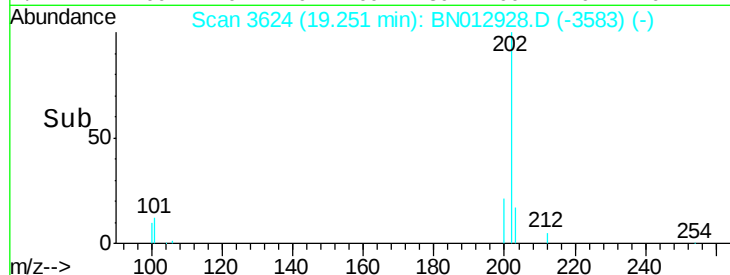
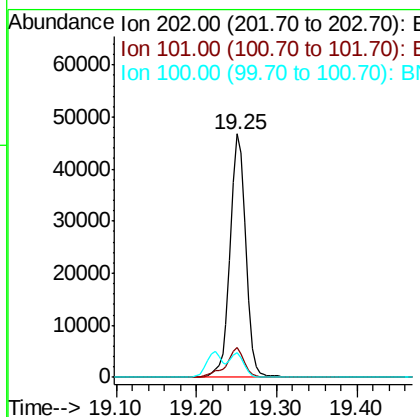
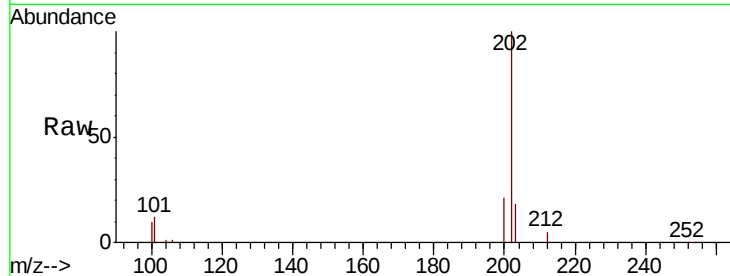
#17
Pvrene
Concen: 2.255 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Instrument :
BNA_N
ClientSampleId :
C0B63

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.1	9.1	13.7
100	10.1	7.5	11.3

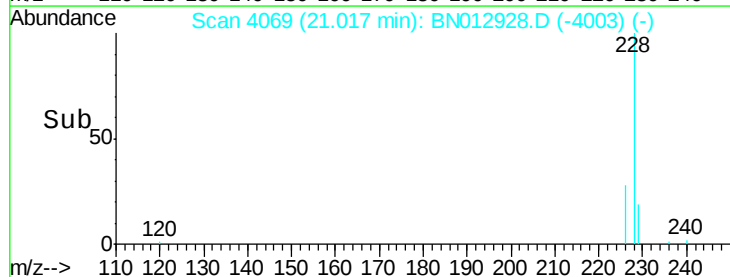
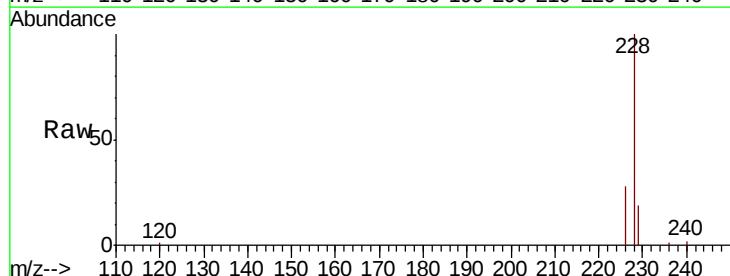
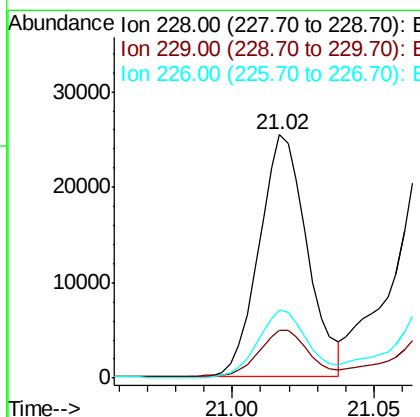
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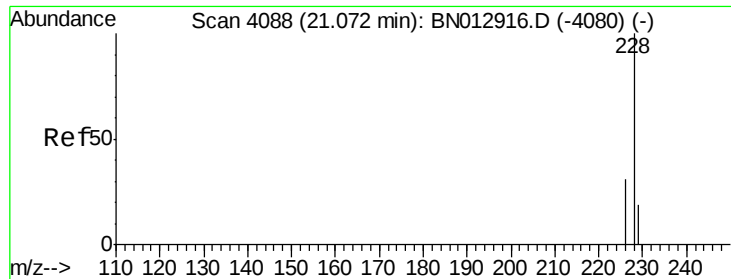
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#18
Benzo(a)anthracene
Concen: 1.241 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.01 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.4	16.3	24.5
226	27.9	23.4	35.2





#19

Chrysene

Concen: 1.441 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.01 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Instrument :

BNA_N

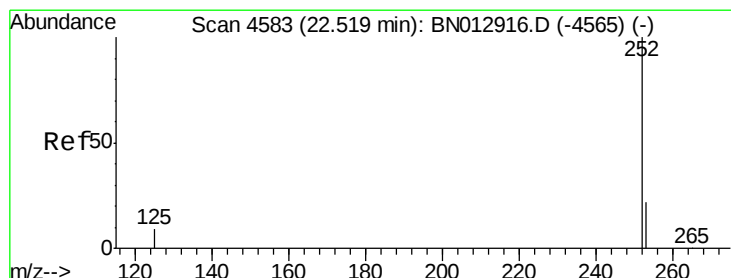
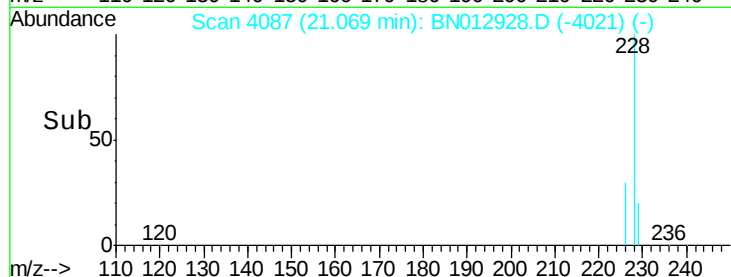
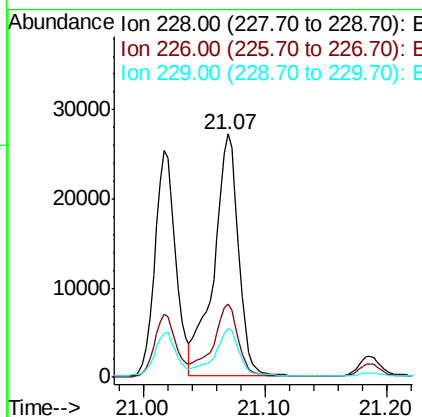
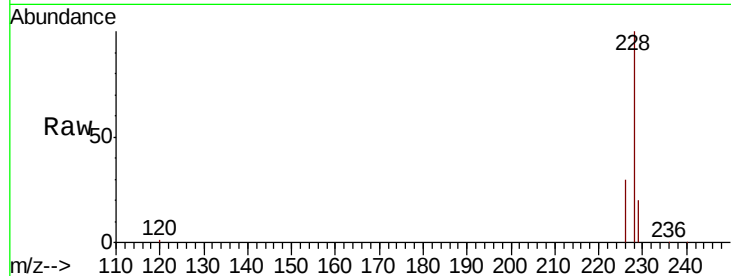
ClientSampleId :

C0B63

Tot Ion:	228	Resp:	38505
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	20.1	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 2.052 ng/ul m

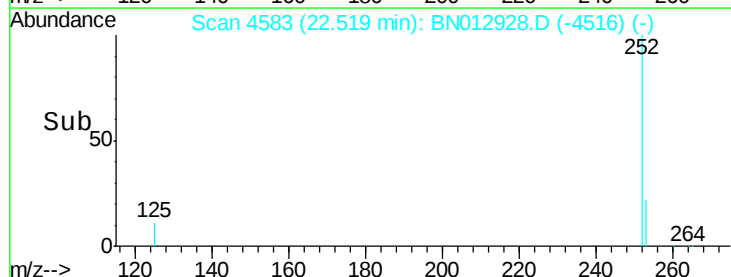
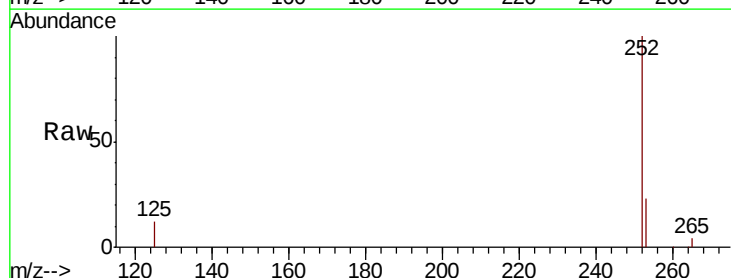
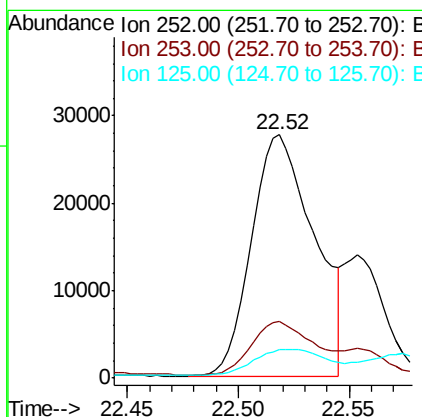
RT: 22.52 min Scan# 4583

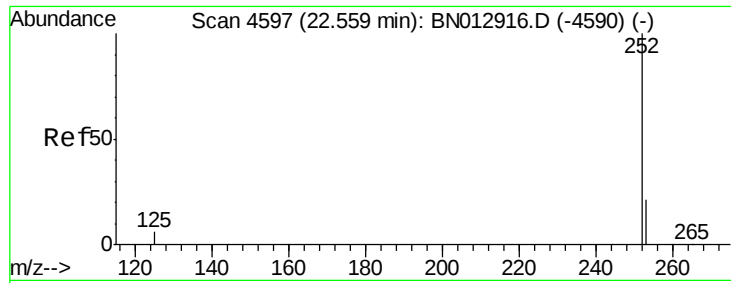
Delta R.T. -0.00 min

Lab File: BN012928.D

Acq: 06 Dec 2020 21:30

Tgt Ion:	252	Resp:	54401
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	59.6
125	11.6	0.0	26.0





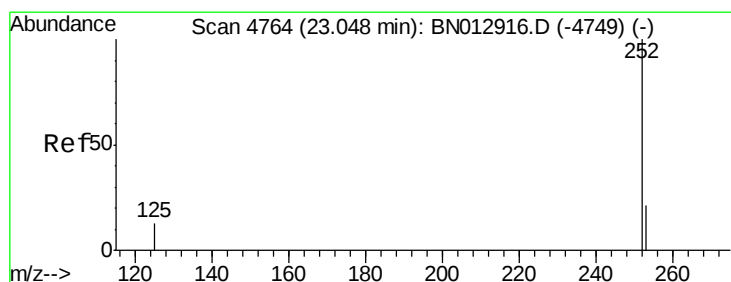
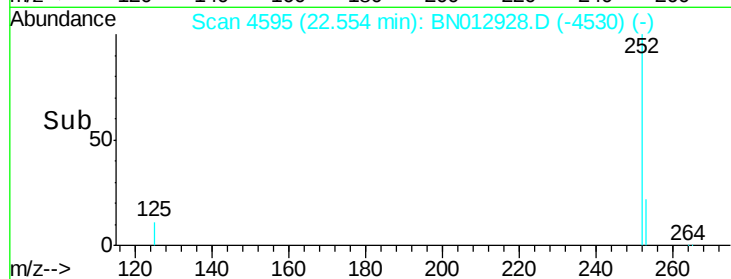
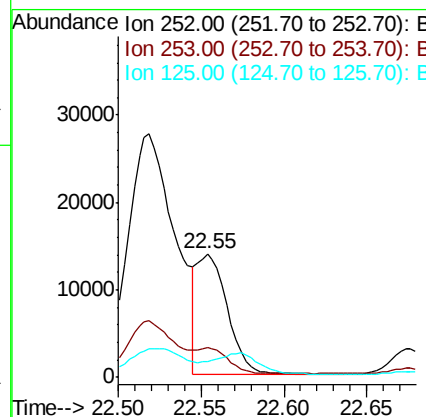
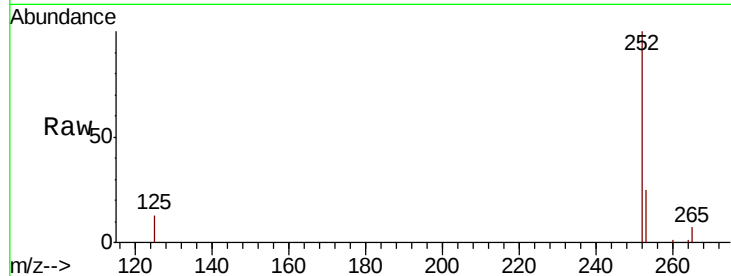
#22
Benzo(k)fluoranthene
Concen: 0.598 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Instrument :
BNA_N
ClientSampleId :
C0B63

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	23.4	35.2
125	12.9	11.1	16.7

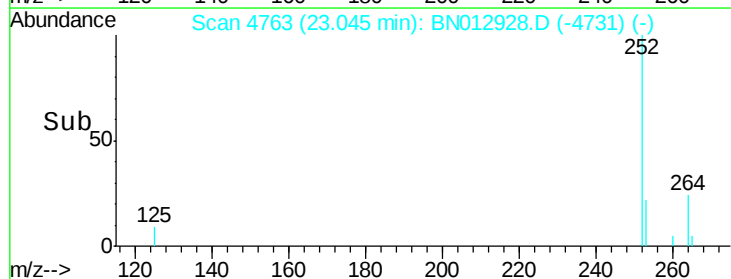
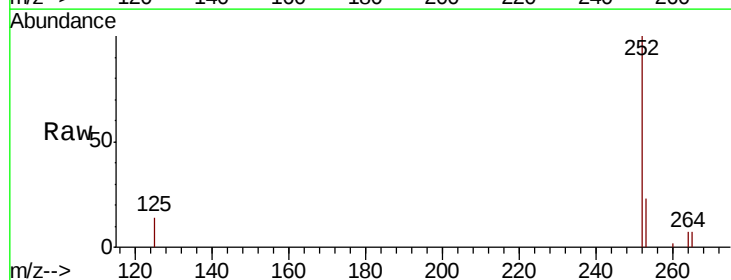
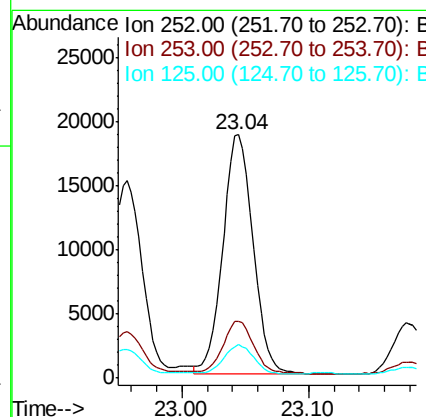
Manual Integrations
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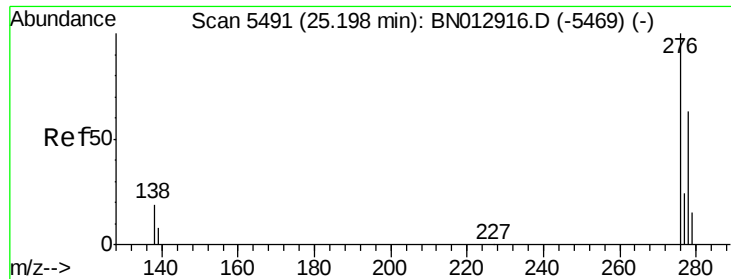
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#23
Benzo(a)pyrene
Concen: 1.260 ng/ul m
RT: 23.04 min Scan# 4763
Delta R.T. -0.01 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	26.5	39.7#
125	13.6	14.2	21.2#





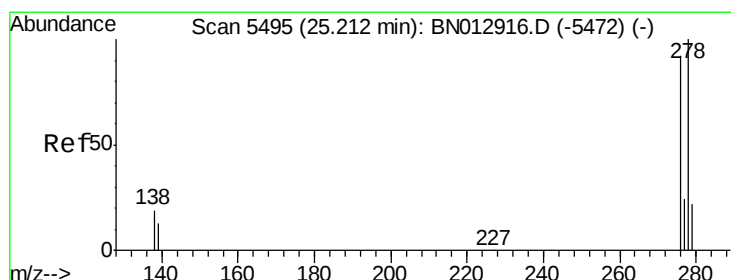
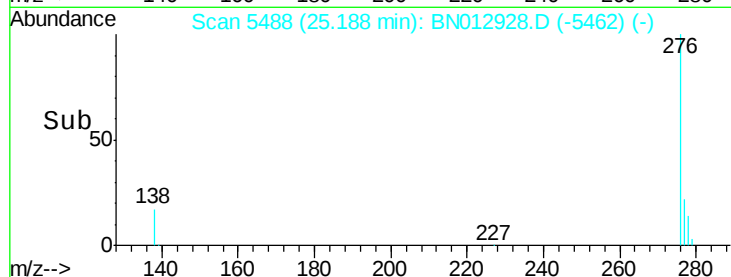
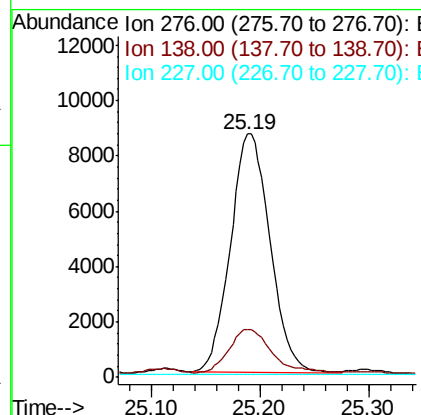
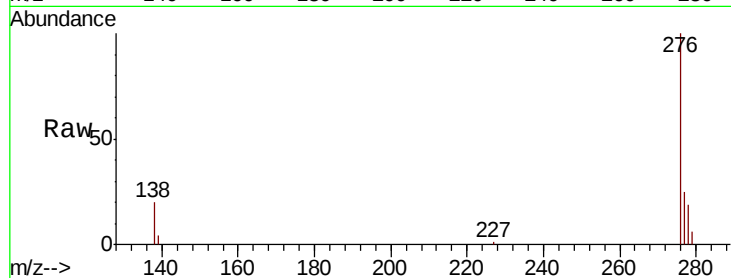
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.676 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.01 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Instrument :
BNA_N
ClientSampleId :
C0B63

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.2	24.2
227	0.1	0.0	0.0

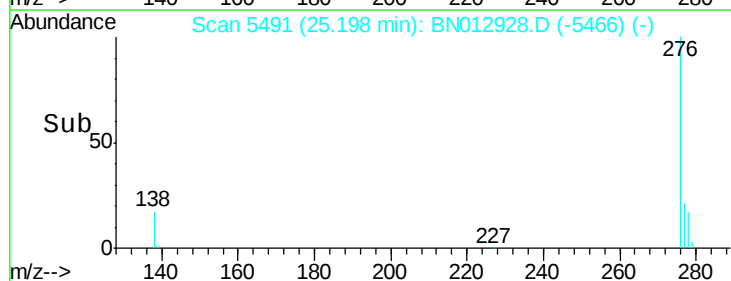
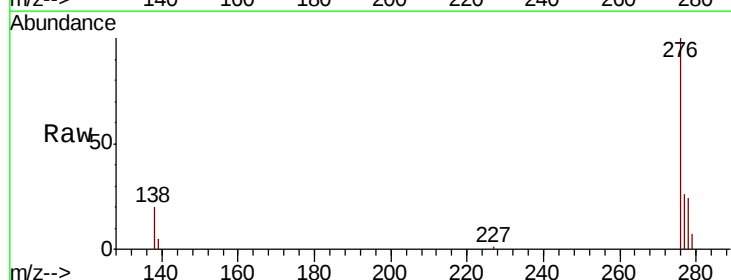
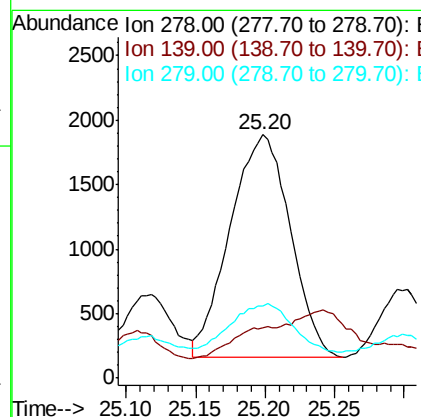
Manual Integrations
APPROVED

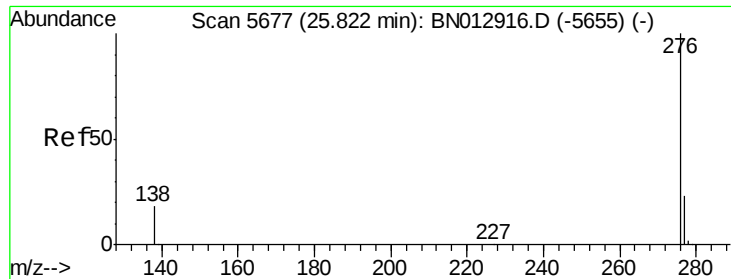
mohammad
12/7/2020 2:12:05 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.204 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.02 min
Lab File: BN012928.D
Acq: 06 Dec 2020 21:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	14.5	21.7
279	29.4	26.3	39.5





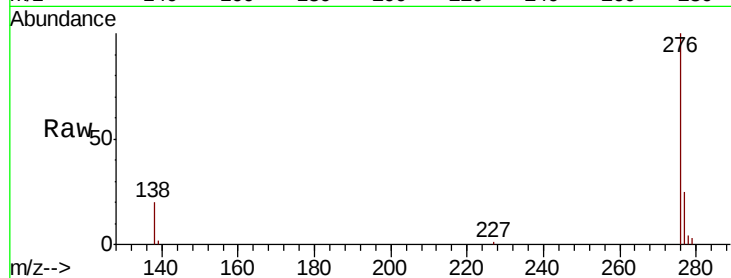
#26
 Benzo(a,h,i)perylene
 Concen: 0.672 ng/ul
 RT: 25.82 min Scan# 5677
 Delta R.T. -0.01 min
 Lab File: BN012928.D
 Acq: 06 Dec 2020 21:30

Instrument :
 BNA_N
 ClientSampleId :
 C0B63

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.3	24.5
277	24.8	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:12:05 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

