

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012991.D
 Acq On : 09 Dec 2020 01:05
 Operator : CG/JU
 Sample : L4942-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B60

Manual Integrations
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Quant Time: Dec 09 03:42:00 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 : Wed Dec 09 03:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	893	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	3557	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2051	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4288	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3654	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	3248	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	847	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	1949	0.17	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	647	0.063	ng/ul#	87
5) 2-Methylnaphthalene	11.83	142	674	0.100	ng/ul	98
7) Acenaphthylene	13.76	152	878	0.090	ng/ul#	90
8) Acenaphthene	14.11	153	3635	0.456	ng/ul	98
9) Fluorene	15.11	166	2495	0.273	ng/ul	100
12) Phenanthrene	16.84	178	40793	2.837	ng/ul	97
13) Anthracene	16.94	178	6833	0.558	ng/ul	96
15) Fluoranthene	18.88	202	137305	8.037	ng/ul	96
17) Pyrene	19.25	202	119873	6.945	ng/ul	98
18) Benzo(a)anthracene	21.01	228	60610	4.009	ng/ul	98
19) Chrysene	21.06	228	67099	4.017	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	90086m	5.995	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	28987m	1.745	ng/ul	
23) Benzo(a)pyrene	23.03	252	55117	3.953	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.18	276	37011	2.021	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.18	278	8616	0.595	ng/ul	95
26) Benzo(a,h,i)perylene	25.80	276	31952	1.929	ng/ul	96

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

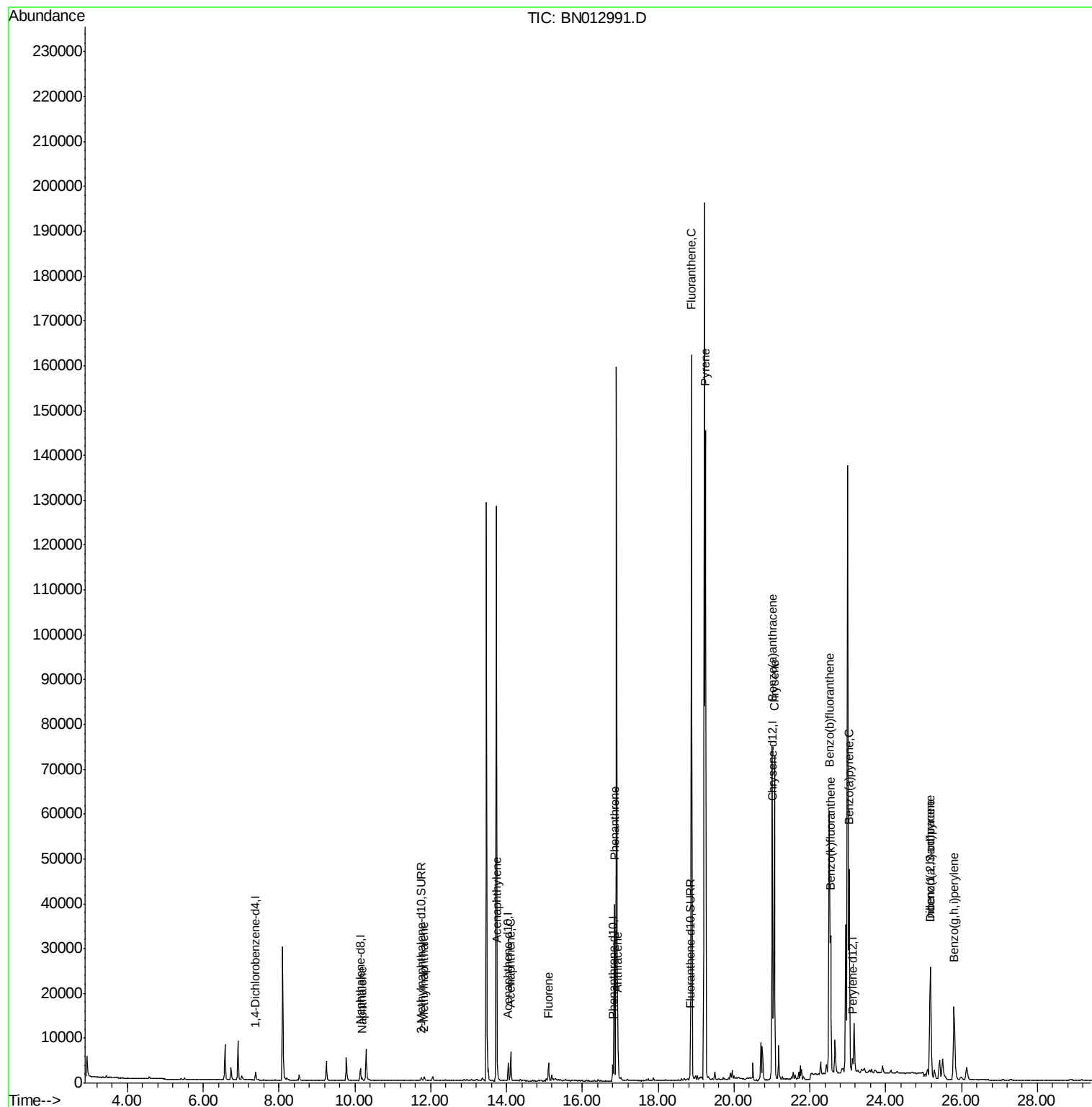
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012991.D
Acq On : 09 Dec 2020 01:05
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ALS Vial : 61 Sample Multiplier: 1

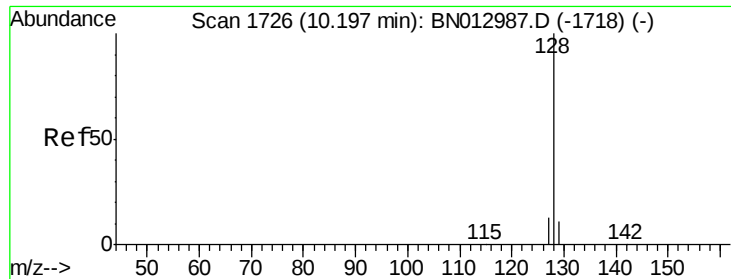
Instrument :
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Quant Time: Dec 09 03:42:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Wed Dec 09 03:31:51 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.063 ng/ul

RT: 10.19 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BN012991.D

Acq: 09 Dec 2020 01:05

Instrument :

BNA_N

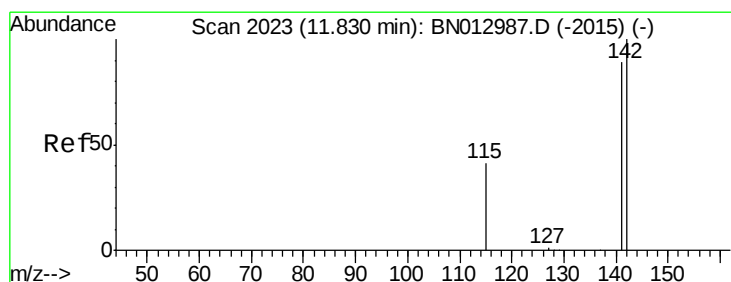
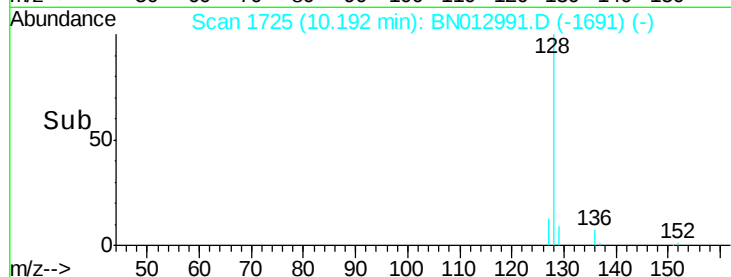
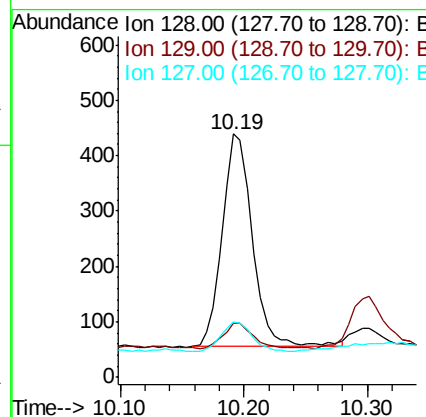
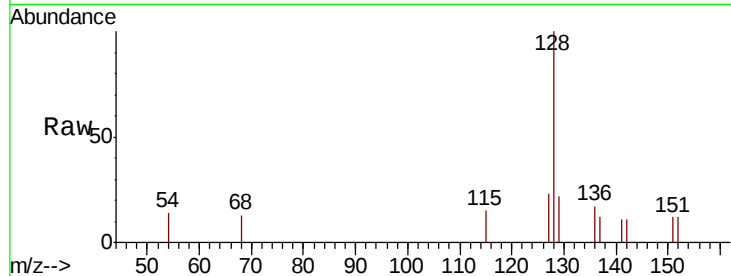
ClientSampleId :

C0B60

Tot Ion:	128	Resp:	647
Ion	Ratio	Lower	Upper
128	100		
129	22.1	12.3	18.5#
127	22.8	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 0.100 ng/ul

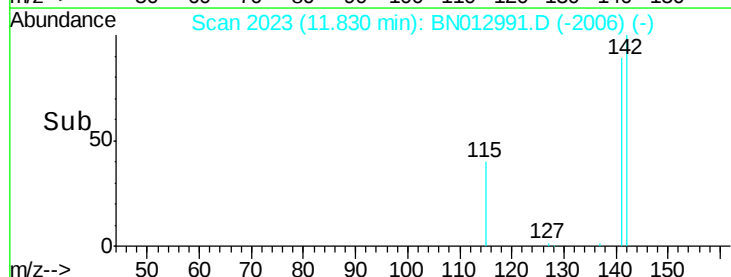
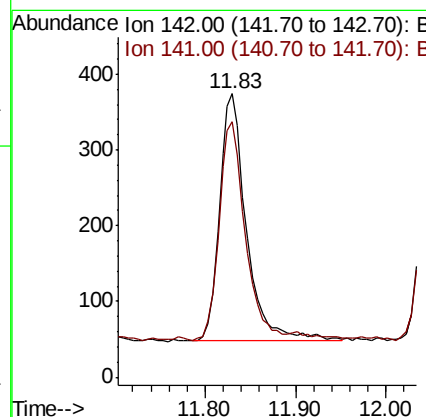
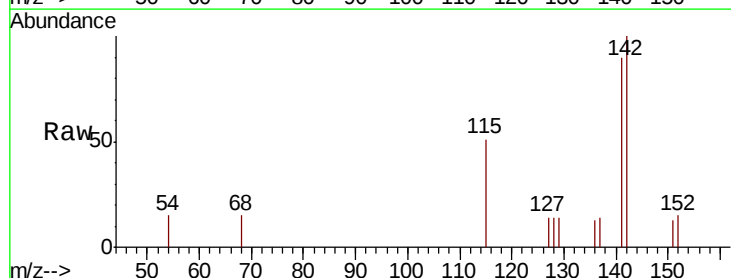
RT: 11.83 min Scan# 2023

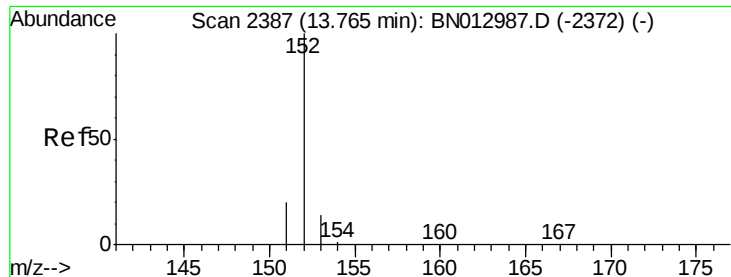
Delta R.T. -0.01 min

Lab File: BN012991.D

Acq: 09 Dec 2020 01:05

Tgt Ion:	142	Resp:	674
Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.0	109.6





#7

Acenaphthylene

Concen: 0.090 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN012991.D

Acq: 09 Dec 2020 01:05

Instrument :

BNA_N

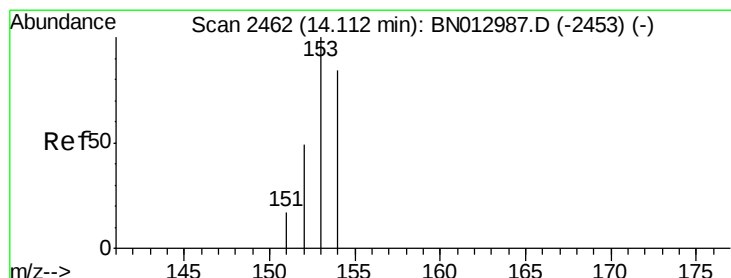
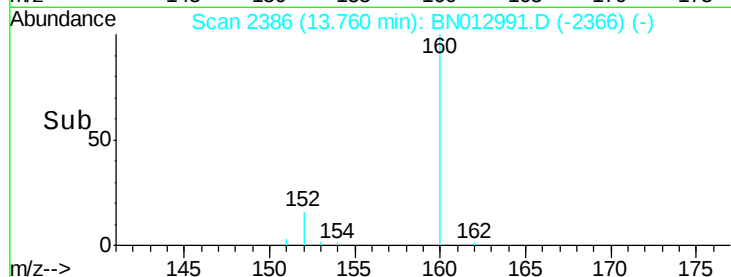
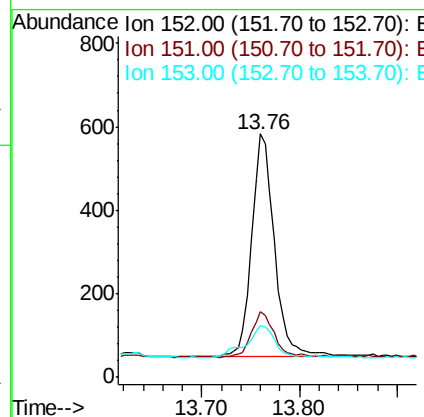
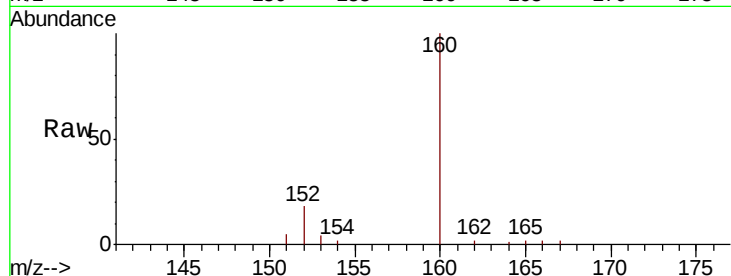
ClientSampleId :

C0B60

Tot Ion:	152	Resp:	878
Ion Ratio	Lower	Upper	
152	100		
151	26.9	18.2	27.4
153	21.3	13.1	19.7

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#8

Acenaphthene

Concen: 0.456 ng/ul

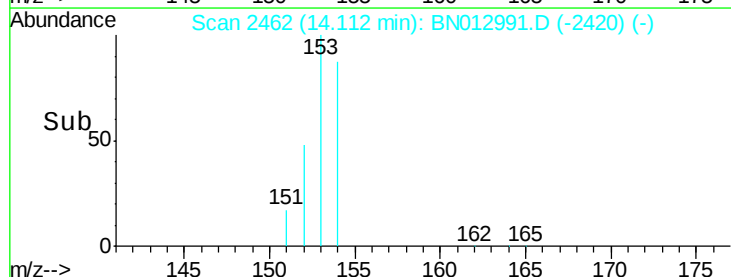
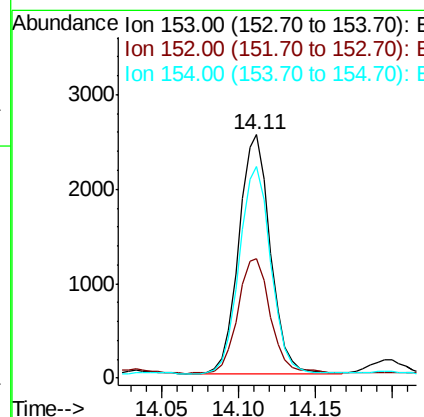
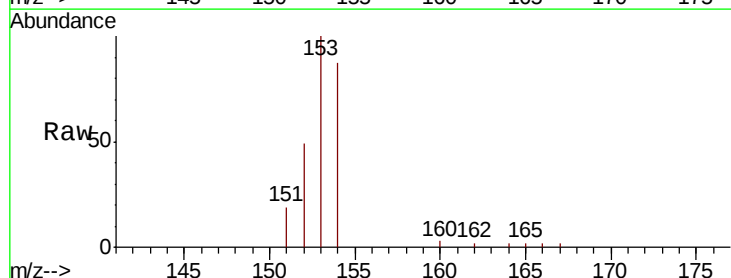
RT: 14.11 min Scan# 2462

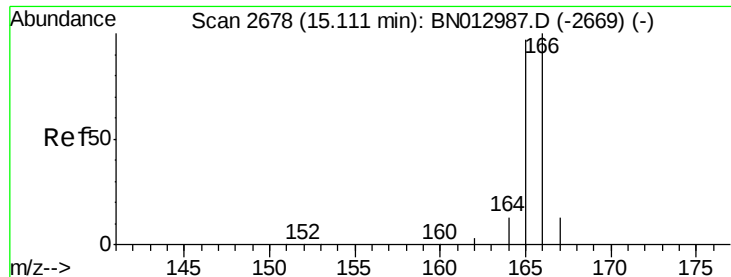
Delta R.T. -0.00 min

Lab File: BN012991.D

Acq: 09 Dec 2020 01:05

Tgt Ion:	153	Resp:	3635
Ion Ratio	Lower	Upper	
153	100		
152	49.3	40.7	61.1
154	86.9	70.8	106.2





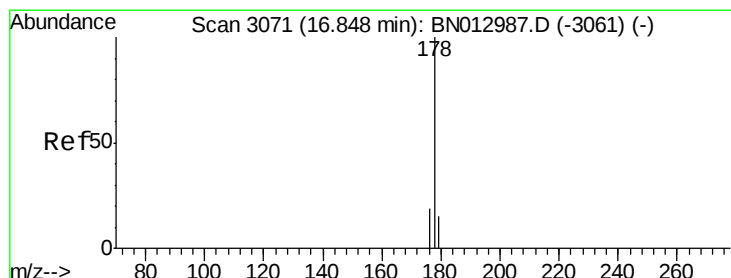
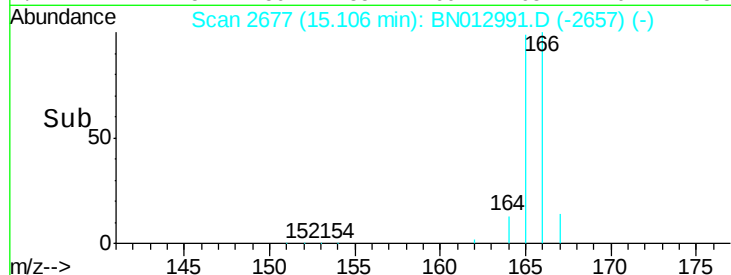
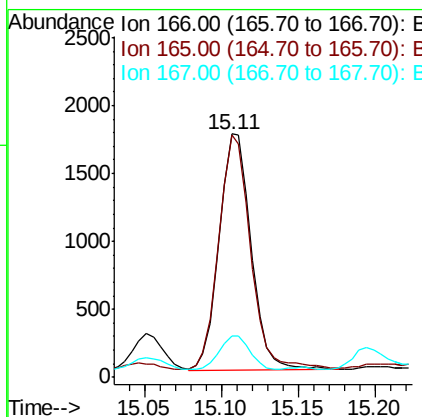
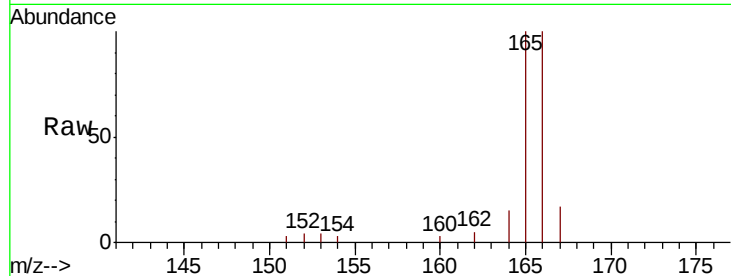
#9
Fluorene
 Concen: 0.273 ng/ul
 RT: 15.11 min Scan# 2677
 Delta R.T. -0.01 min
 Lab File: BN012991.D
 Acq: 09 Dec 2020 01:05

Instrument :
 BNA_N
 ClientSampleId :
 C0B60

Tot Ion:	166	Resp:	2495
Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	16.9	13.8	20.8

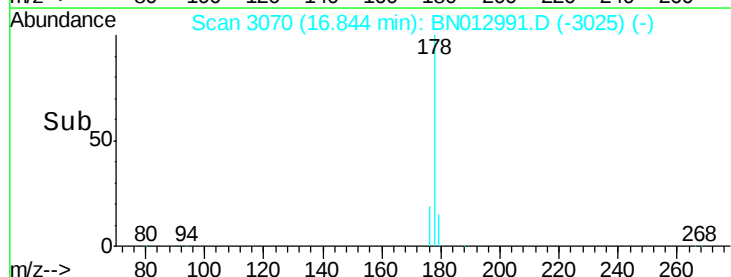
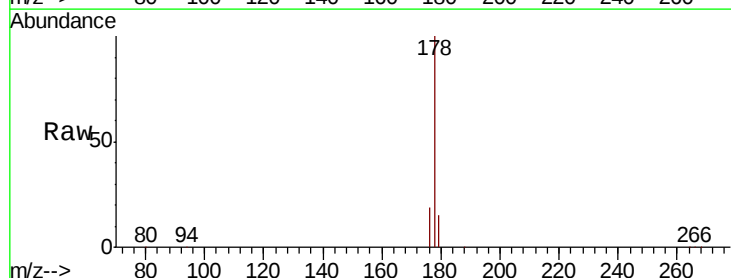
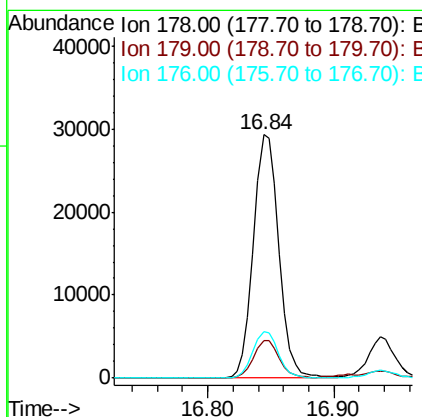
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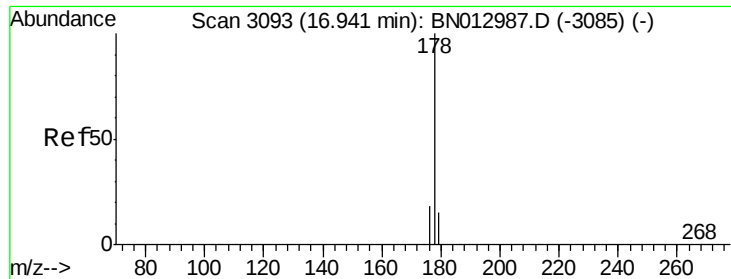
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#12
Phenanthrene
 Concen: 2.837 ng/ul
 RT: 16.84 min Scan# 3070
 Delta R.T. -0.01 min
 Lab File: BN012991.D
 Acq: 09 Dec 2020 01:05

Tgt Ion:	178	Resp:	40793
Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	19.3	16.4	24.6





#13

Anthracene

Concen: 0.558 ng/ul

RT: 16.94 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN012991.D

Acq: 09 Dec 2020 01:05

Instrument :

BNA_N

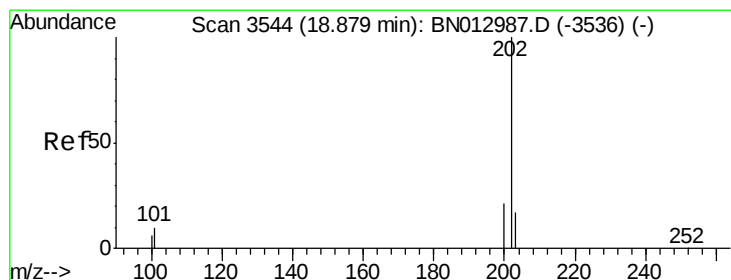
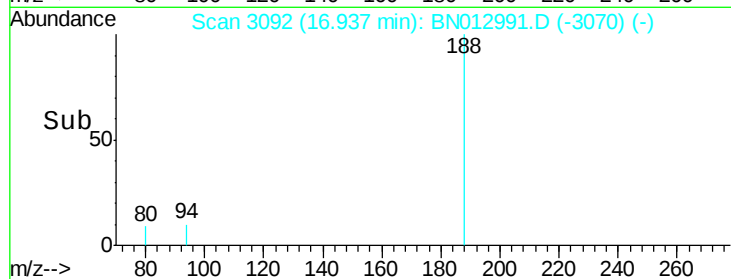
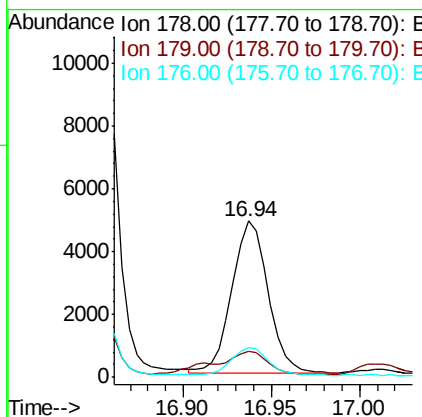
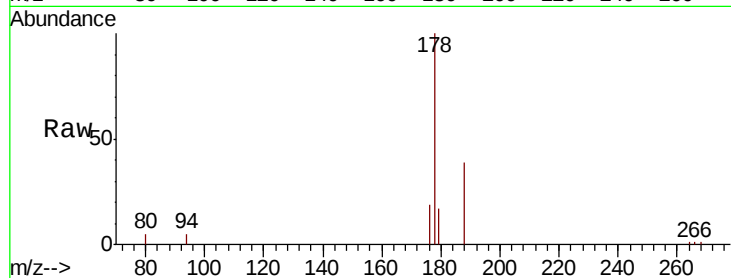
ClientSampleId :

C0B60

Tot Ion:	178	Resp:	6833
Ion Ratio	Lower	Upper	
178	100		
179	16.9	14.6	21.8
176	19.4	17.1	25.7

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#15

Fluoranthene

Concen: 8.037 ng/ul

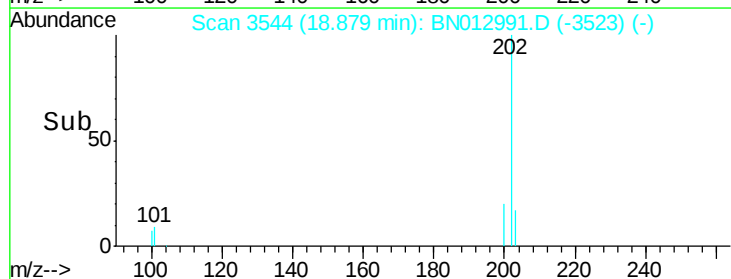
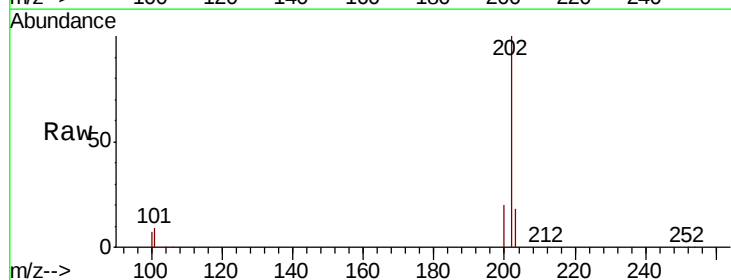
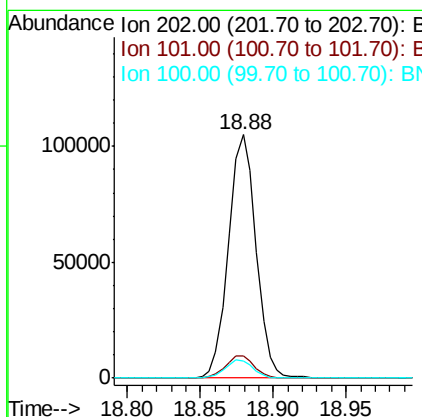
RT: 18.88 min Scan# 3544

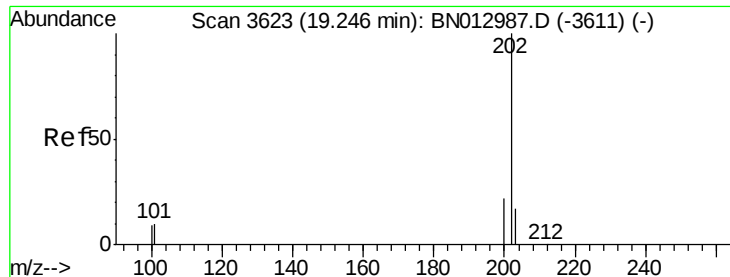
Delta R.T. -0.00 min

Lab File: BN012991.D

Acq: 09 Dec 2020 01:05

Tgt Ion:	202	Resp:	137305
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	30.6
100	7.1	0.0	28.7





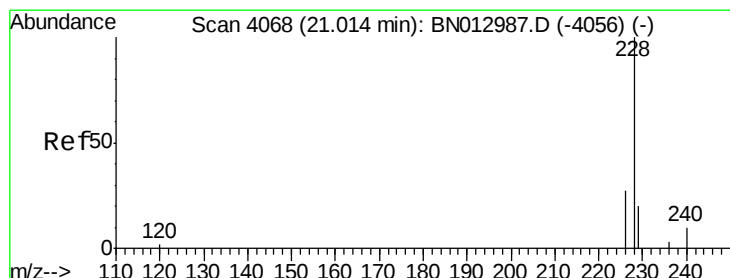
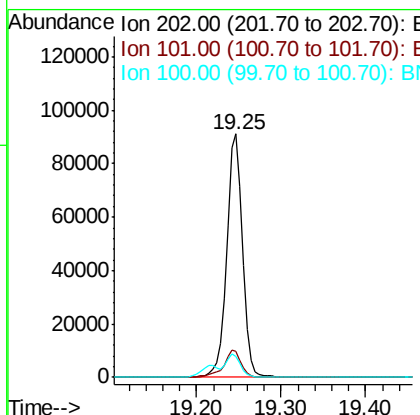
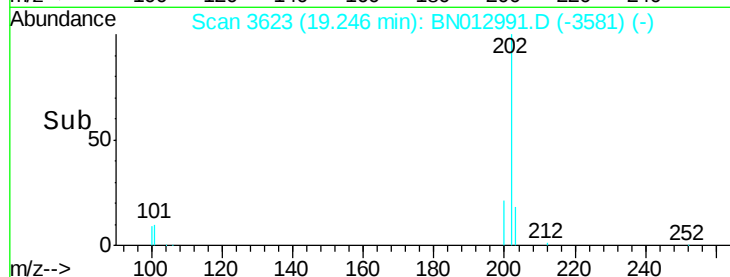
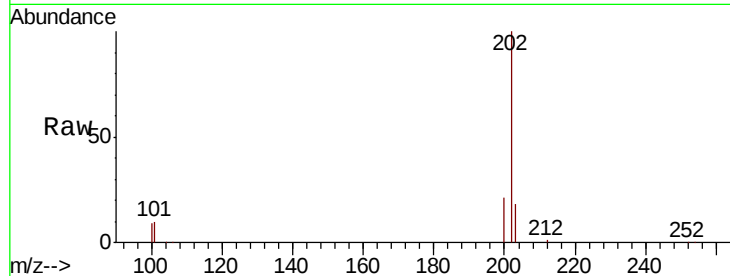
#17
Pvrene
Concen: 6.945 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN012991.D
Acq: 09 Dec 2020 01:05

Instrument :
BNA_N
ClientSampleId :
C0B60

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	9.1	13.7
100	8.7	7.5	11.3

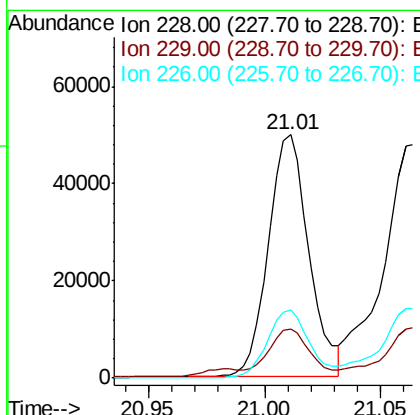
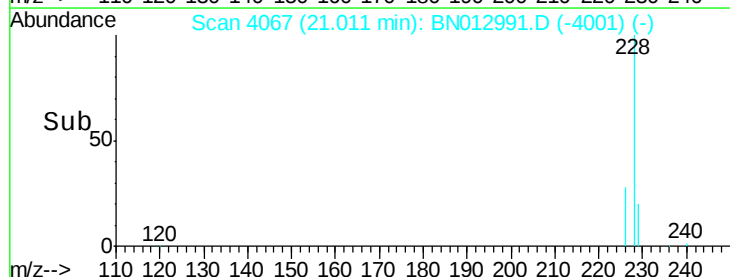
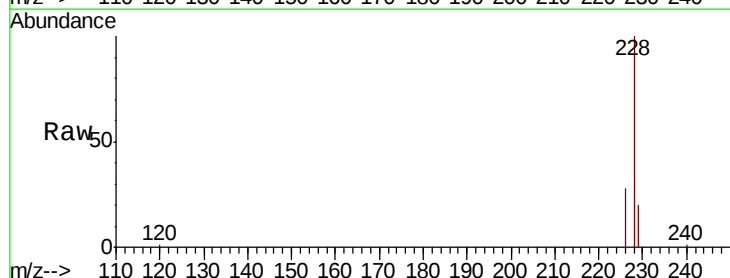
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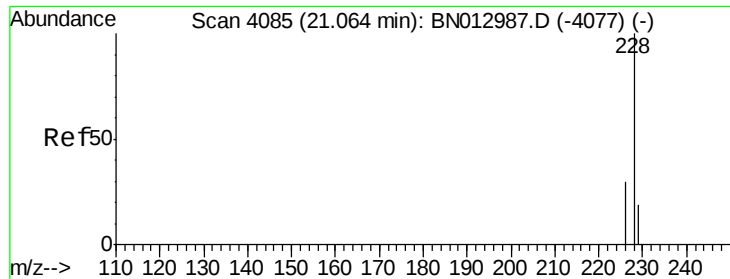
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#18
Benzo(a)anthracene
Concen: 4.009 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN012991.D
Acq: 09 Dec 2020 01:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	16.3	24.5
226	28.0	23.4	35.2





#19

Chrysene

Concen: 4.017 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.01 min

Lab File: BN012991.D

Acq: 09 Dec 2020 01:05

Instrument :

BNA_N

ClientSampleId :

C0B60

Tot Ion:228 Resp: 67099

Ion Ratio Lower Upper

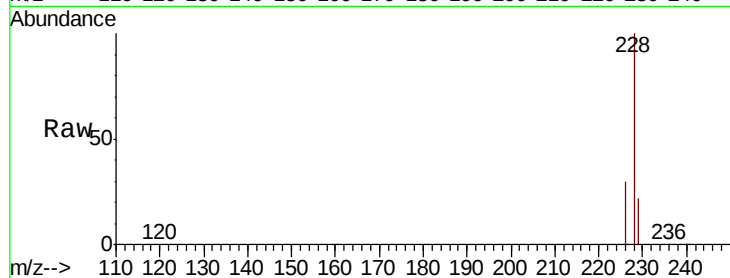
228 100

226 30.0 25.0 37.6

229 21.5 16.4 24.6

Manual Integrations
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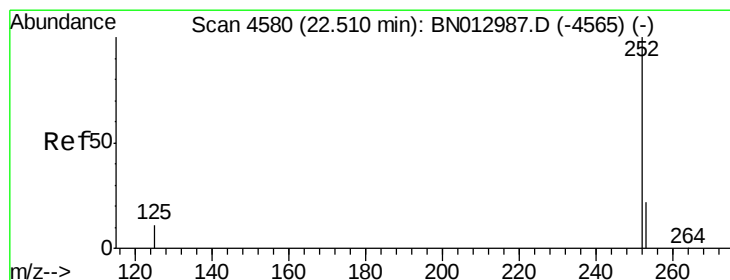
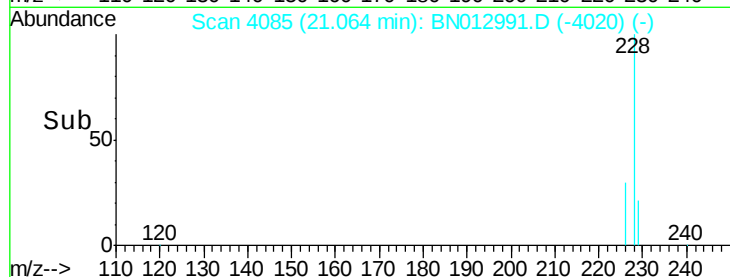
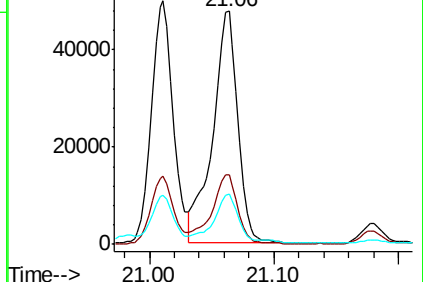
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 5.995 ng/ul m

RT: 22.51 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BN012991.D

Acq: 09 Dec 2020 01:05

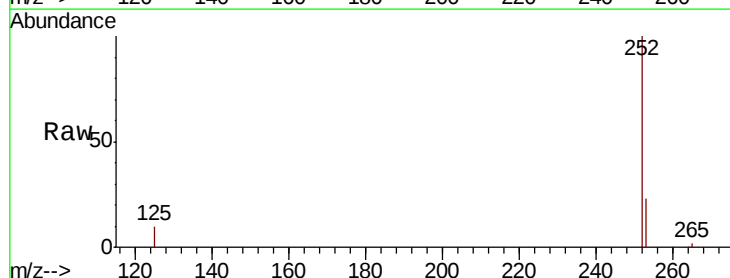
Tgt Ion:252 Resp: 90086

Ion Ratio Lower Upper

252 100

253 22.7 0.0 59.6

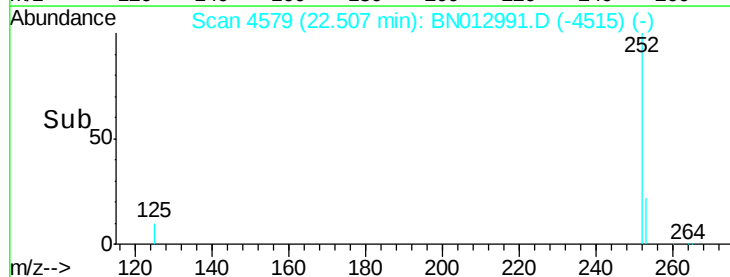
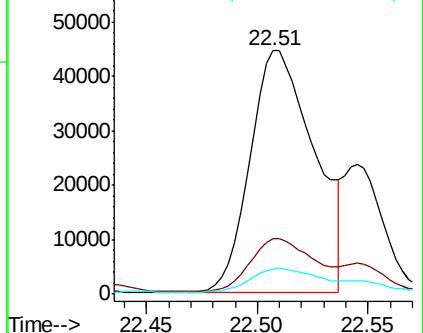
125 10.2 0.0 26.0

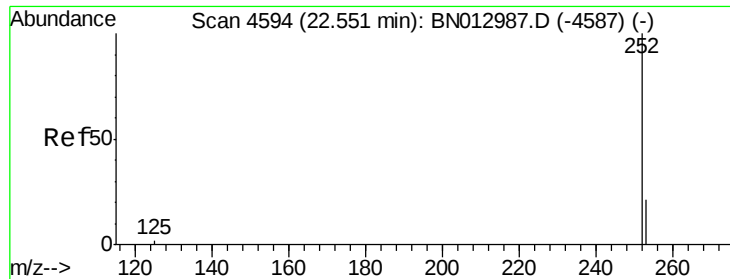


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





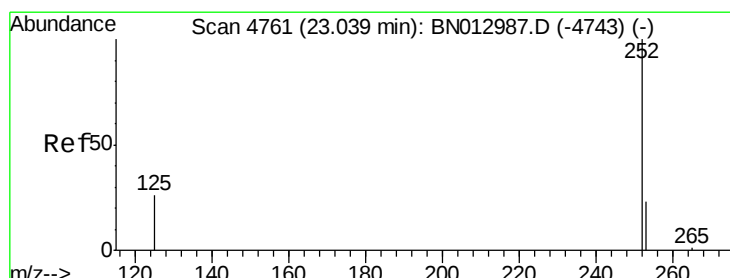
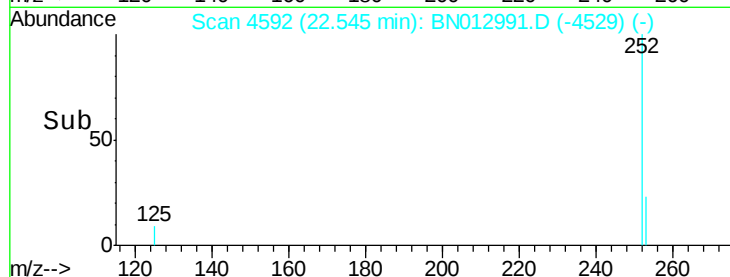
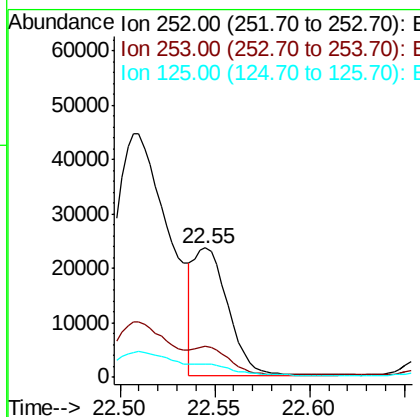
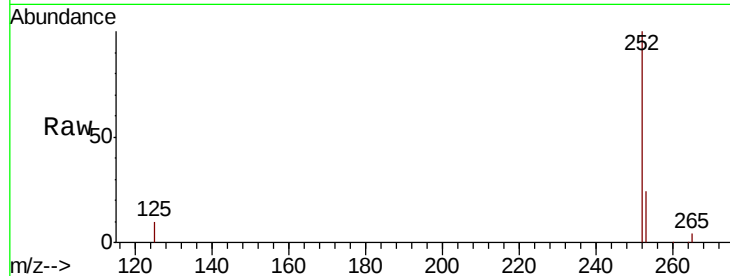
#22
Benzo(k)fluoranthene
Concen: 1.745 ng/ul
RT: 22.55 min Scan# 4592
Delta R.T. -0.01 min
Lab File: BN012991.D
Acq: 09 Dec 2020 01:05

Instrument :
BNA_N
ClientSampleId :
C0B60

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	23.4	35.2
125	10.4	11.1	16.7

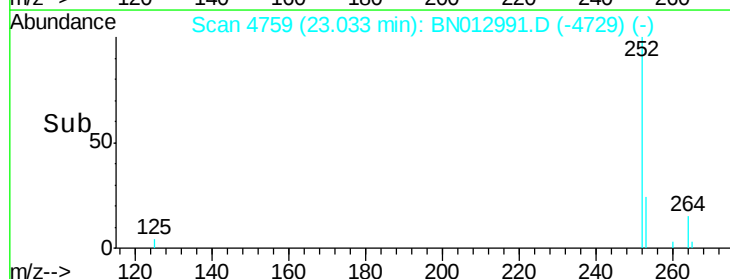
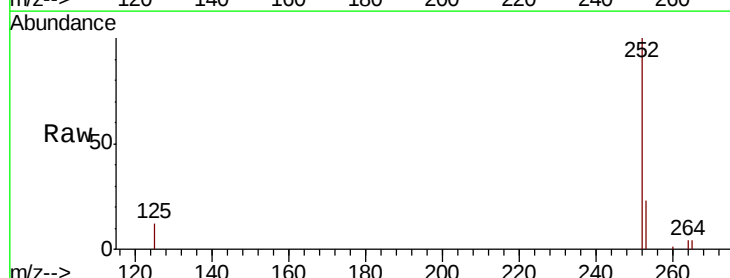
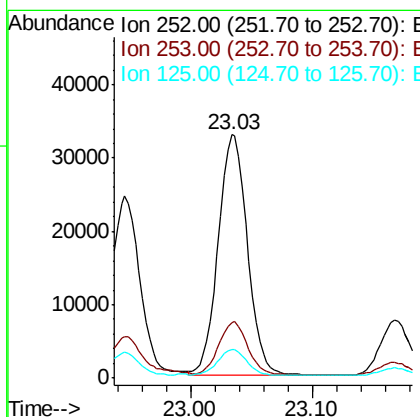
Manual Integrations
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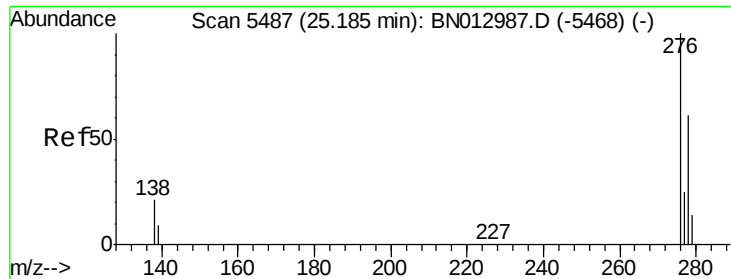
mohammad
12/9/2020 12:25:46 PM



#23
Benzo(a)pyrene
Concen: 3.953 ng/ul
RT: 23.03 min Scan# 4759
Delta R.T. -0.01 min
Lab File: BN012991.D
Acq: 09 Dec 2020 01:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	26.5	39.7
125	11.7	14.2	21.2





#24

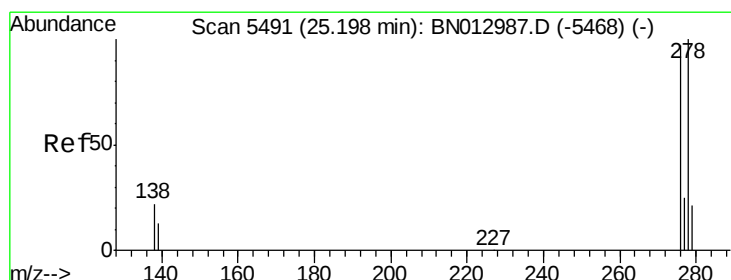
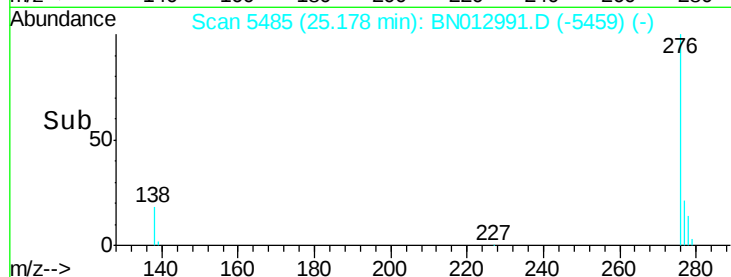
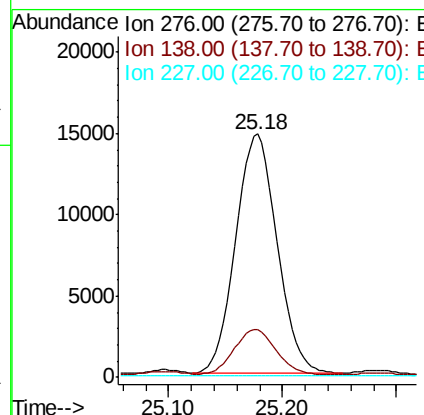
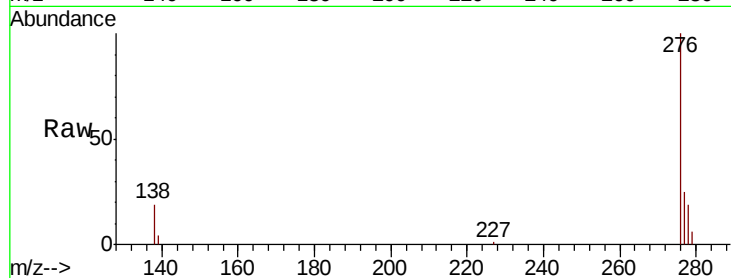
Indeno(1,2,3-cd)pyrene
Concen: 2.021 ng/u1
RT: 25.18 min Scan# 5485
Delta R.T. -0.01 min
Lab File: BN012991.D
Acq: 09 Dec 2020 01:05

Instrument :
BNA_N
ClientSampleId :
C0B60

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.1	0.0	0.0

Manual Integrations
APPROVED

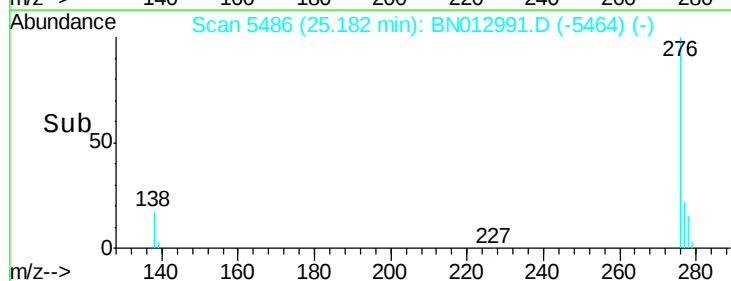
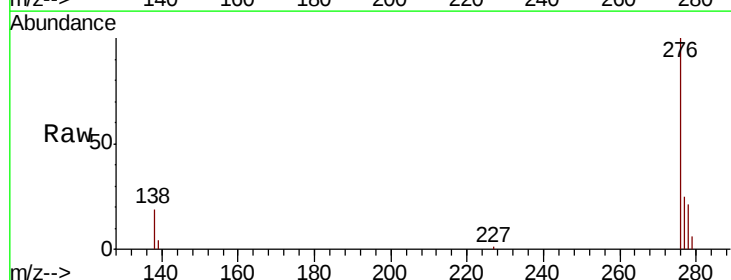
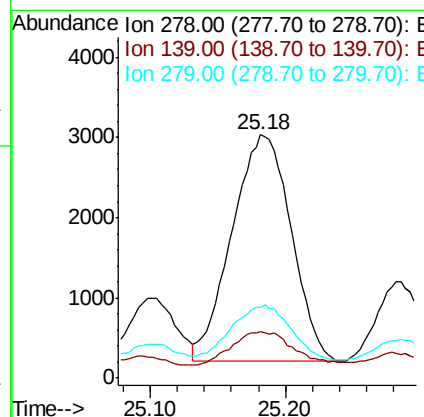
mohammad
12/9/2020 12:25:46 PM

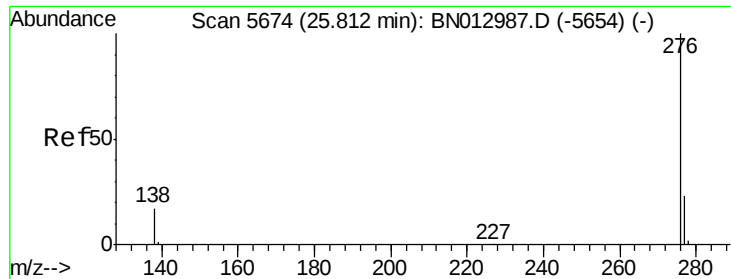


#25

Dibenzo(a,h)anthracene
Concen: 0.595 ng/u1
RT: 25.18 min Scan# 5486
Delta R.T. -0.03 min
Lab File: BN012991.D
Acq: 09 Dec 2020 01:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	14.5	21.7
279	29.1	26.3	39.5





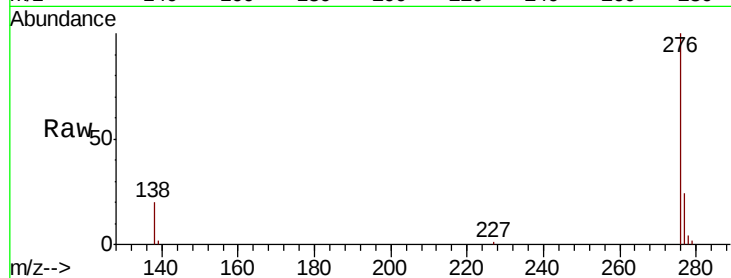
#26
 Benzo(a,h,i)perylene
 Concen: 1.929 ng/ul
 RT: 25.80 min Scan# 5671
 Delta R.T. -0.02 min
 Lab File: BN012991.D
 Acq: 09 Dec 2020 01:05

Instrument :
 BNA_N
 ClientSampleId :
 C0B60

Tot Ion:	276	Resp:	31952
Ion Ratio	Lower	Upper	
276	100		
138	19.9	16.3	24.5
277	24.3	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:25:46 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 15000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

