

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012967.D
 Acq On : 08 Dec 2020 09:09
 Operator : CG/JU
 Sample : L4859-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B94

Manual Integrations
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Quant Time: Dec 08 12:04:29 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 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	1168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4619	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2499	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5236	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4192	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3686	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	736	0.11	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	1643	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	1075	0.080	ng/ul	95
5) 2-Methylnaphthalene	11.83	142	551	0.063	ng/ul	100
7) Acenaphthylene	13.76	152	3478	0.294	ng/ul	98
8) Acenaphthene	14.11	153	1948	0.201	ng/ul	99
9) Fluorene	15.11	166	2439	0.219	ng/ul	99
12) Phenanthrene	16.85	178	66521	3.789	ng/ul	97
13) Anthracene	16.94	178	14827	0.992	ng/ul	95
15) Fluoranthene	18.88	202	211724	10.149	ng/ul	97
17) Pyrene	19.25	202	180271	9.104	ng/ul	99
18) Benzo(a)anthracene	21.02	228	104321	6.015	ng/ul	99
19) Chrysene	21.07	228	108547	5.664	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	135059m	7.920	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	46647m	2.475	ng/ul	
23) Benzo(a)pyrene	23.04	252	85543	5.406	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.19	276	57252	2.755	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	14176	0.862	ng/ul	94
26) Benzo(a,h,i)perylene	25.82	276	48486	2.579	ng/ul	97

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

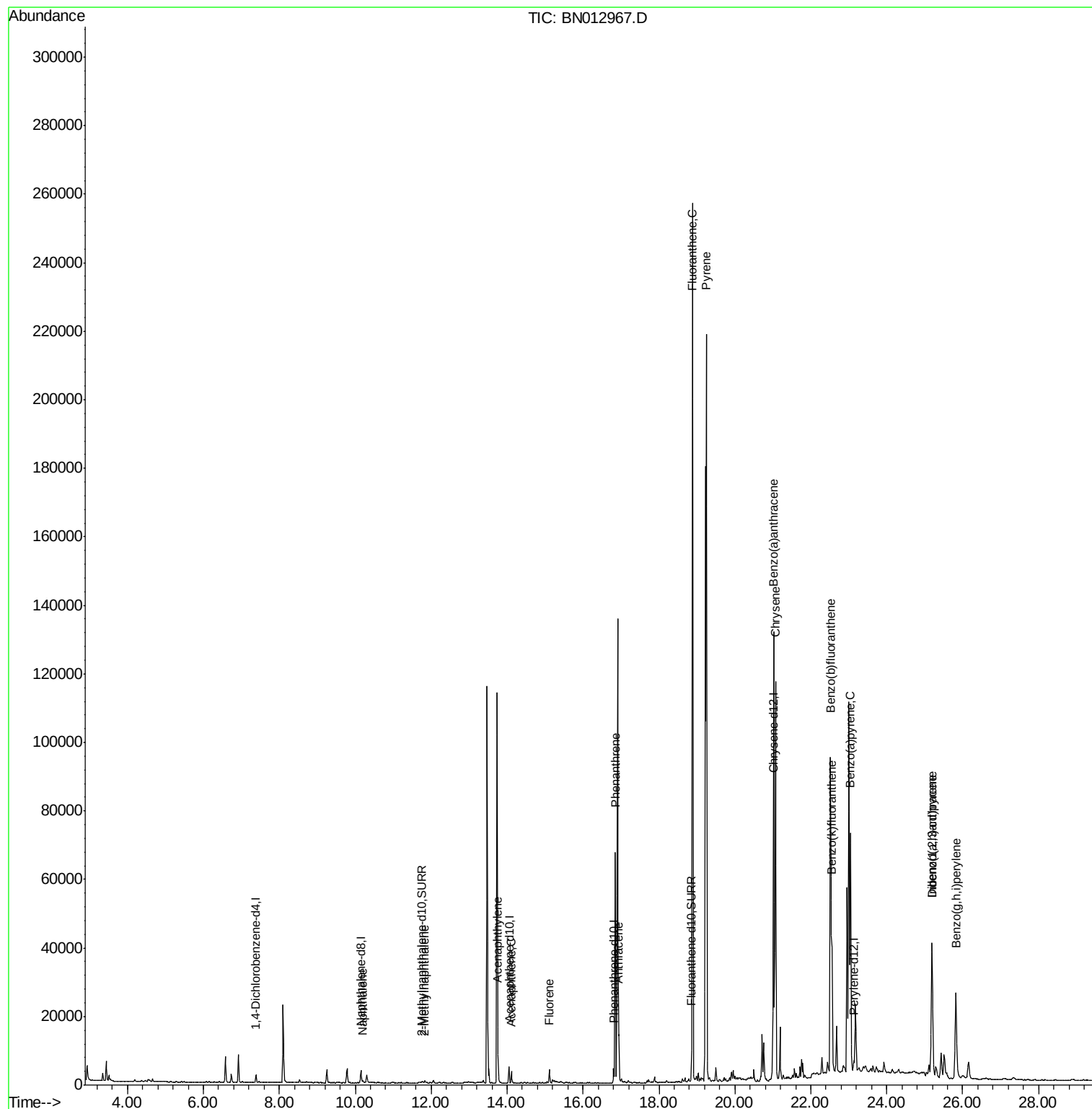
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012967.D
Acq On : 08 Dec 2020 09:09
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ALS Vial : 37 Sample Multiplier: 1

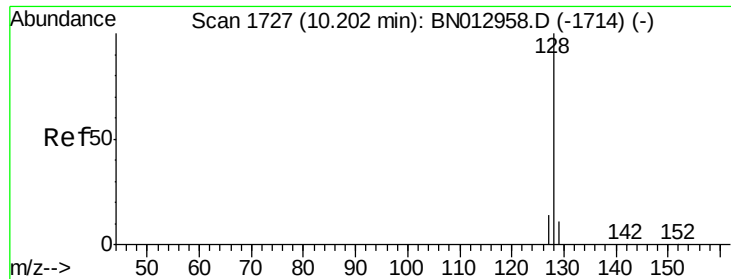
Instrument :
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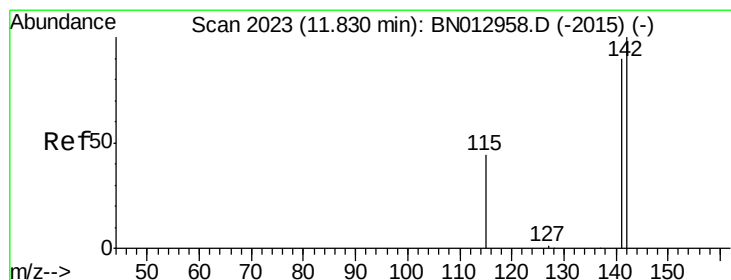
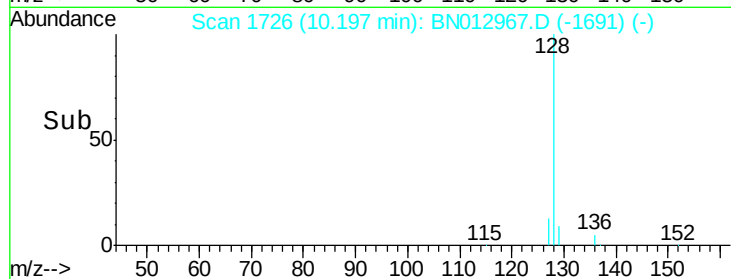
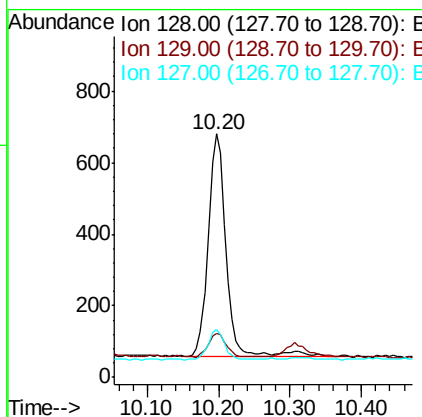
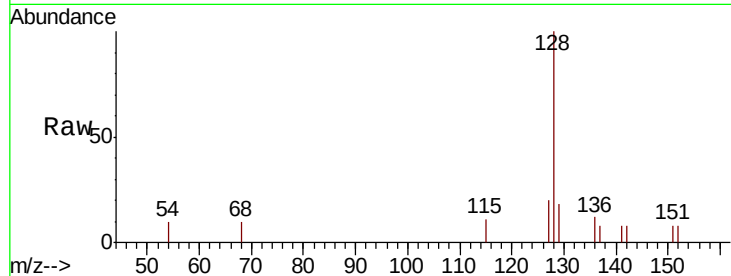
#3
Naphthalene
Concen: 0.080 ng/ul
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012967.D
Acq: 08 Dec 2020 09:09

Instrument :
BNA_N
ClientSampleId :
C0B94

Tot Ion:128	Resp:	1075
Ion Ratio	Lower	Upper
128	100	
129	18.1	12.3 18.5
127	19.7	14.2 21.4

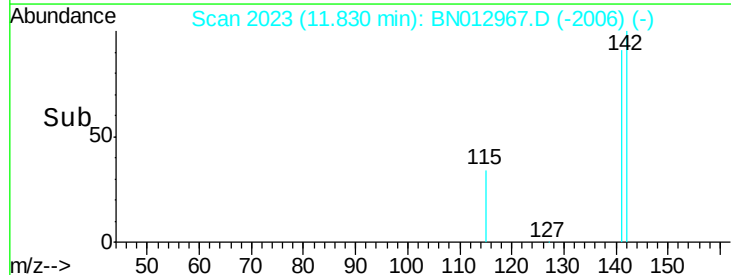
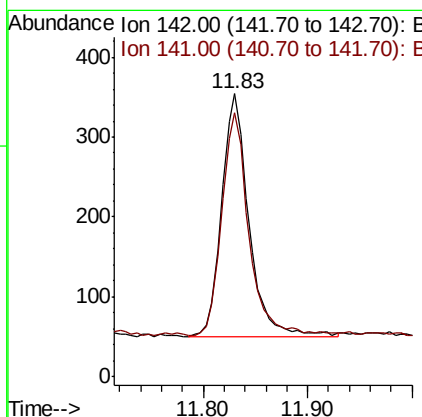
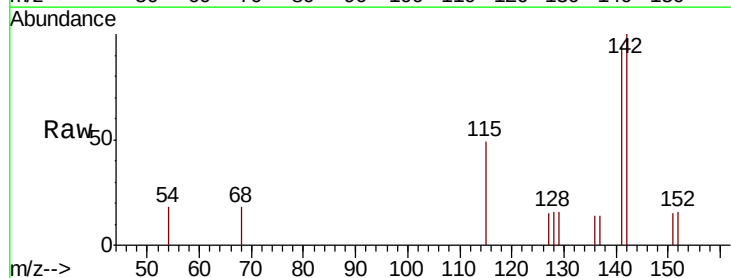
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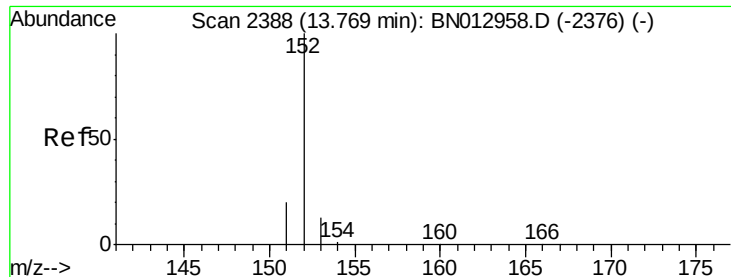
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#5
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 11.83 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BN012967.D
Acq: 08 Dec 2020 09:09

Tgt Ion:142	Resp:	551
Ion Ratio	Lower	Upper
142	100	
141	90.9	73.0 109.6





#7

Acenaphthylene

Concen: 0.294 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN012967.D

Acq: 08 Dec 2020 09:09

Instrument :

BNA_N

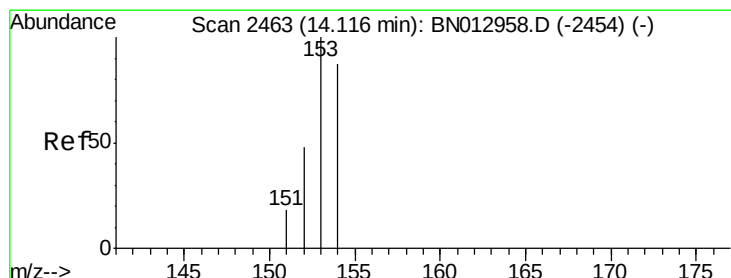
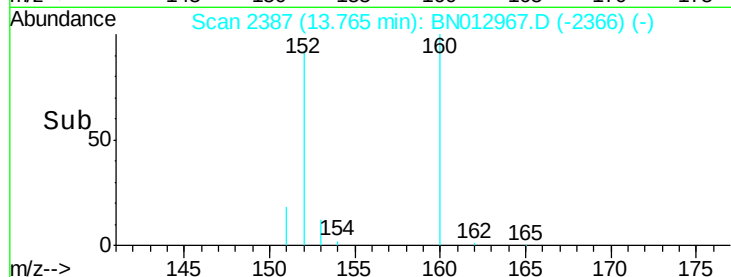
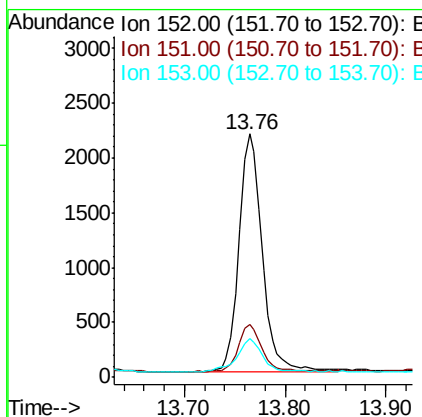
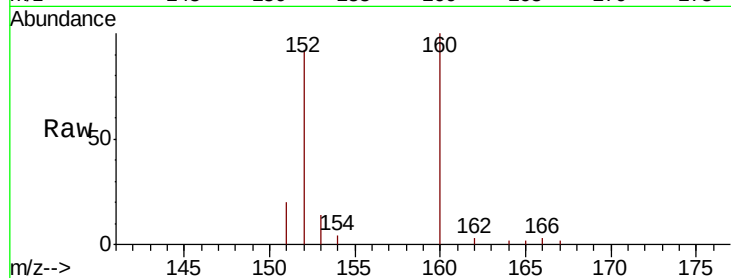
ClientSampleId :

C0B94

Tot Ion:	152	Resp:	3478
Ion Ratio	Lower	Upper	
152	100		
151	21.7	18.2	27.4
153	15.8	13.1	19.7

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#8

Acenaphthene

Concen: 0.201 ng/ul

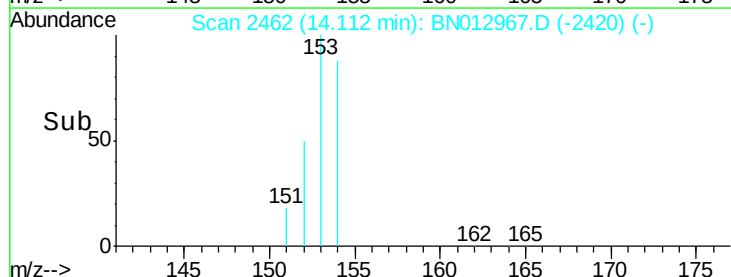
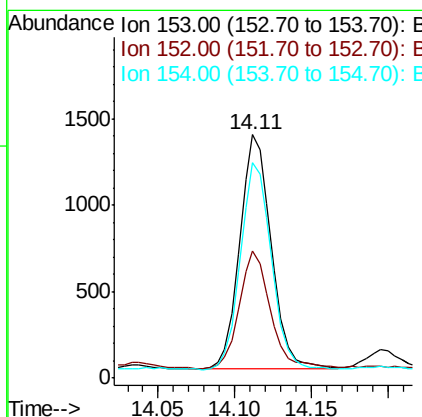
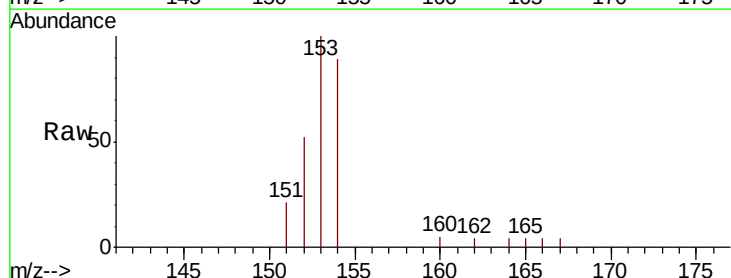
RT: 14.11 min Scan# 2462

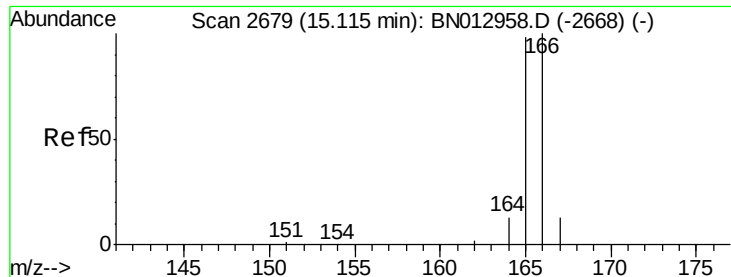
Delta R.T. -0.00 min

Lab File: BN012967.D

Acq: 08 Dec 2020 09:09

Tgt Ion:	153	Resp:	1948
Ion Ratio	Lower	Upper	
153	100		
152	52.3	40.7	61.1
154	88.6	70.8	106.2





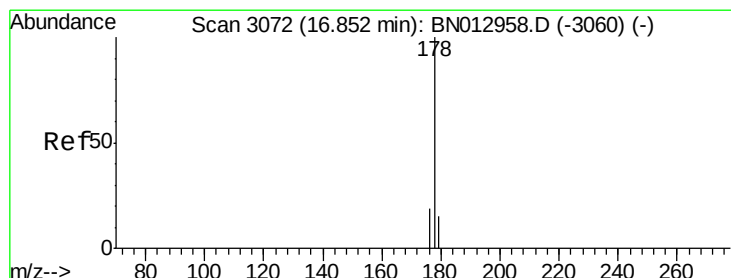
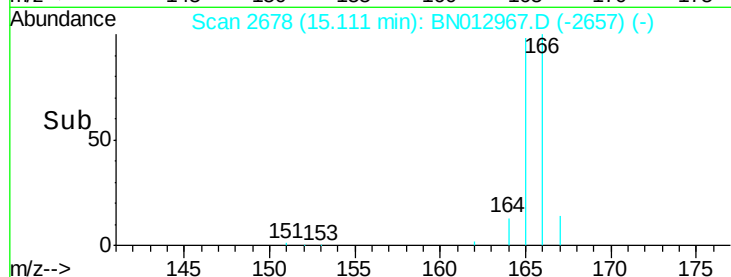
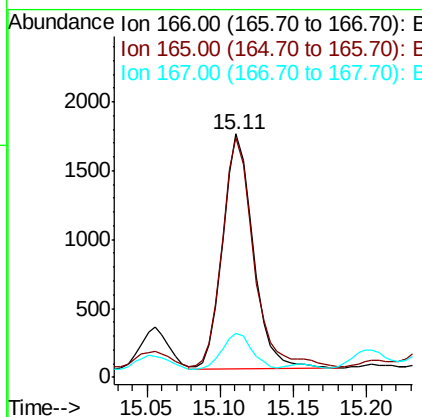
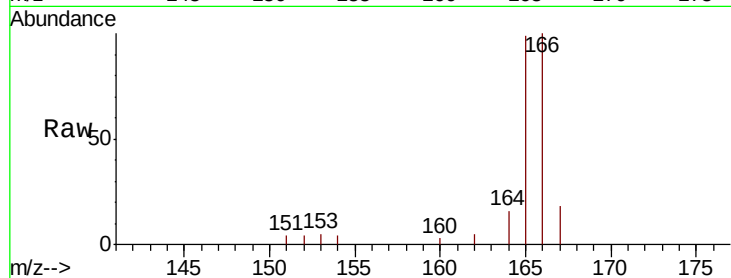
#9
Fluorene
 Concen: 0.219 ng/ul
 RT: 15.11 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: BN012967.D
 Acq: 08 Dec 2020 09:09

Instrument :
 BNA_N
 ClientSampleId :
 C0B94

Tot Ion:	166	Resp:	2439
Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	18.3	13.8	20.8

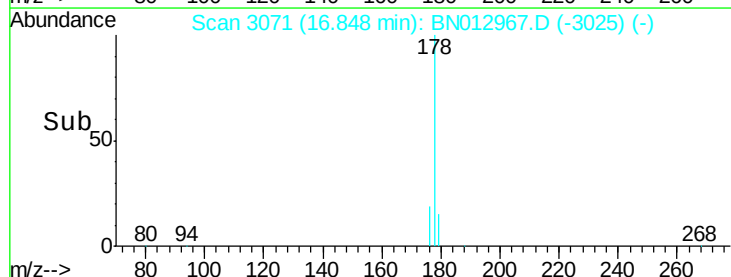
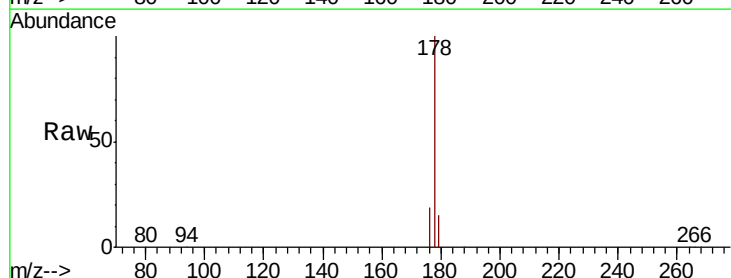
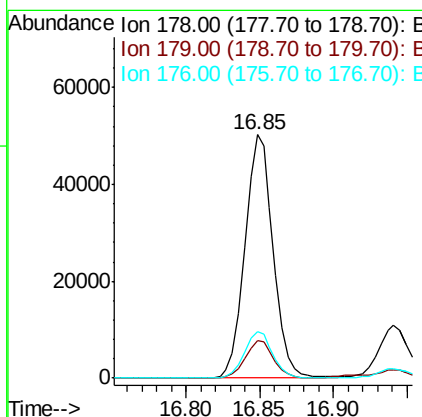
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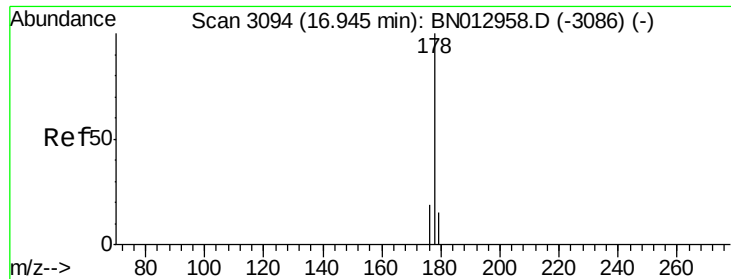
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#12
Phenanthrene
 Concen: 3.789 ng/ul
 RT: 16.85 min Scan# 3071
 Delta R.T. -0.00 min
 Lab File: BN012967.D
 Acq: 08 Dec 2020 09:09

Tgt Ion:	178	Resp:	66521
Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	19.3	16.4	24.6





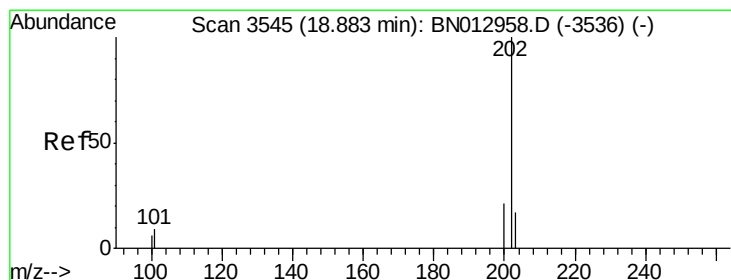
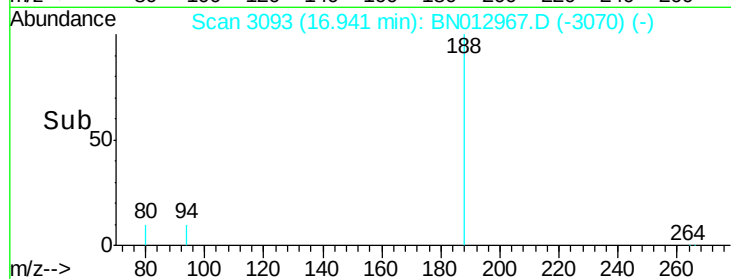
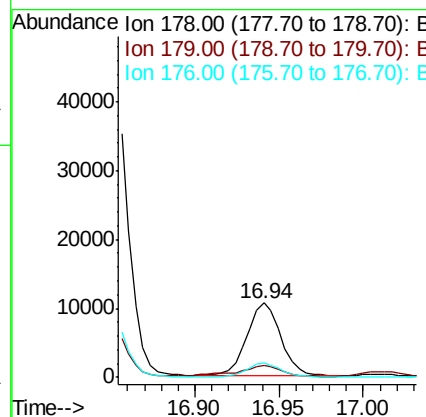
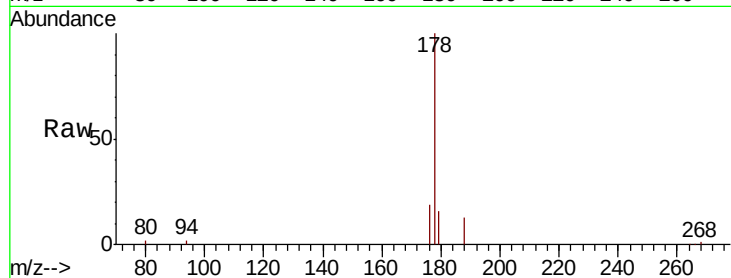
#13
 Anthracene
 Concen: 0.992 ng/ul
 RT: 16.94 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BN012967.D
 Acq: 08 Dec 2020 09:09

Instrument :
 BNA_N
 ClientSampleId :
 C0B94

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	14.6	21.8
176	18.9	17.1	25.7

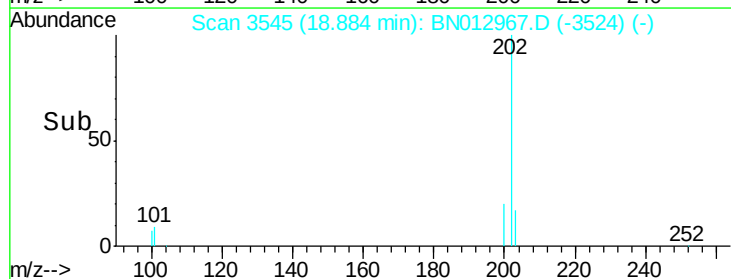
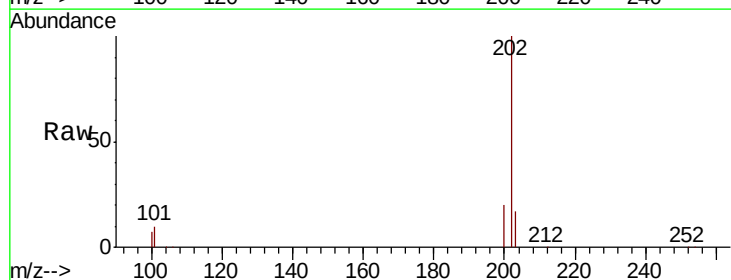
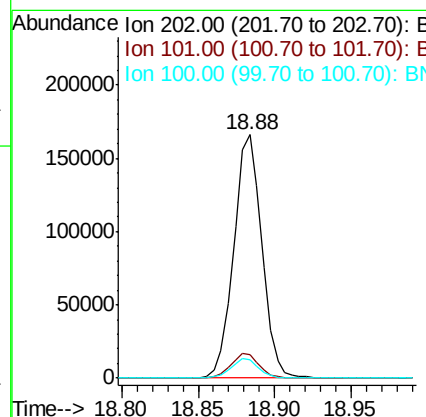
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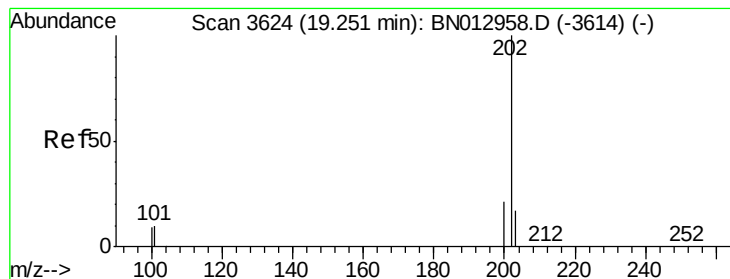
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#15
 Fluoranthene
 Concen: 10.149 ng/ul
 RT: 18.88 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: BN012967.D
 Acq: 08 Dec 2020 09:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.6
100	7.3	0.0	28.7





#17

Pvrene

Concen: 9.104 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN012967.D

Acq: 08 Dec 2020 09:09

Instrument :

BNA_N

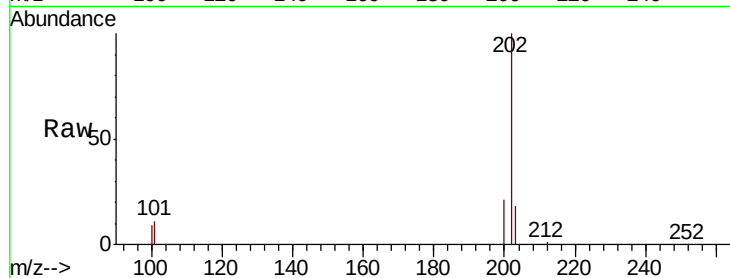
ClientSampleId :

C0B94

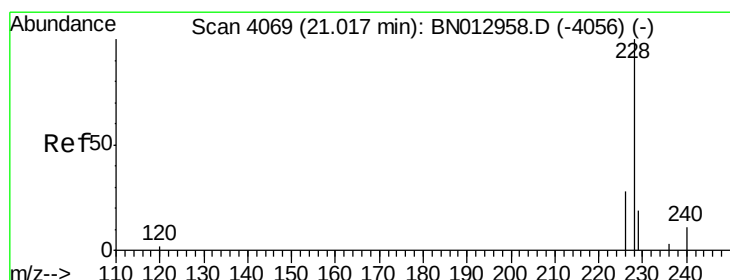
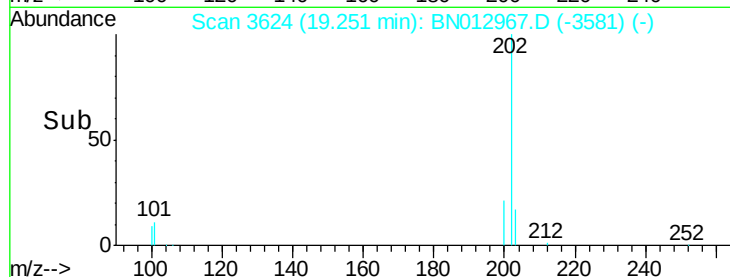
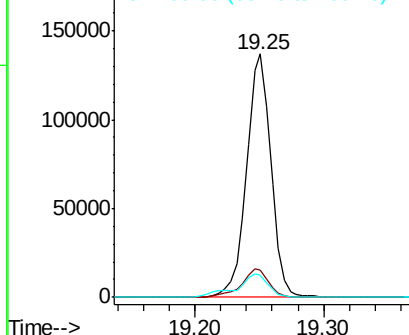
Tot Ion:	202	Resp:	180271
Ion Ratio		Lower	Upper
202	100		
101	11.2	9.1	13.7
100	9.2	7.5	11.3

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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



#18

Benzo(a)anthracene

Concen: 6.015 ng/ul

RT: 21.02 min Scan# 4069

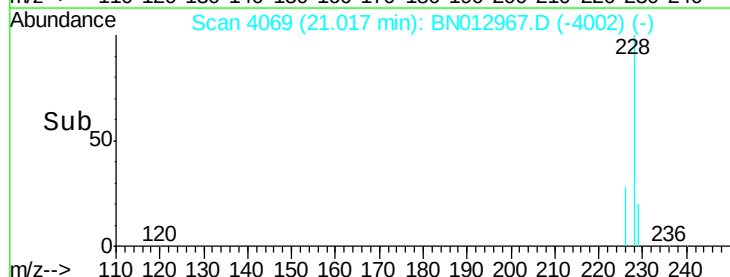
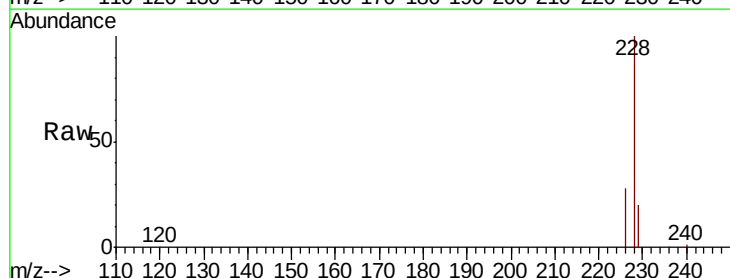
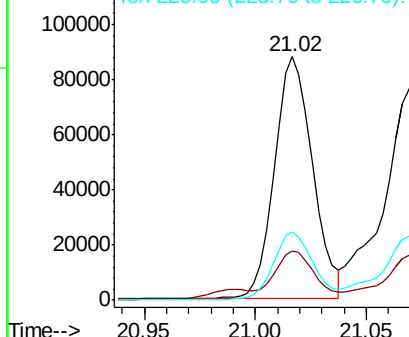
Delta R.T. -0.00 min

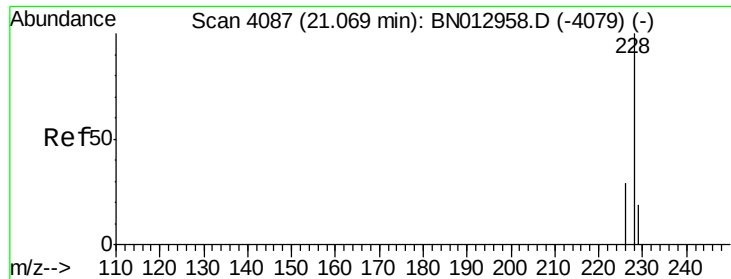
Lab File: BN012967.D

Acq: 08 Dec 2020 09:09

Tgt Ion:	228	Resp:	104321
Ion Ratio		Lower	Upper
228	100		
229	20.3	16.3	24.5
226	28.2	23.4	35.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 5.664 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012967.D

Acq: 08 Dec 2020 09:09

Instrument :

BNA_N

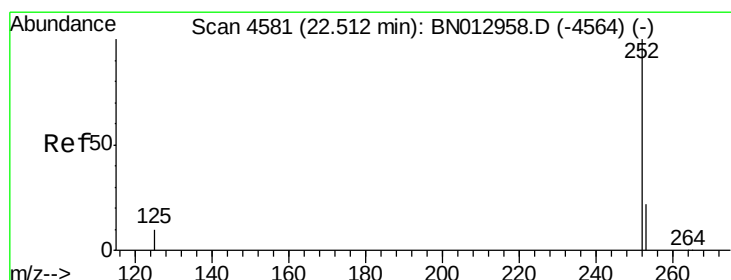
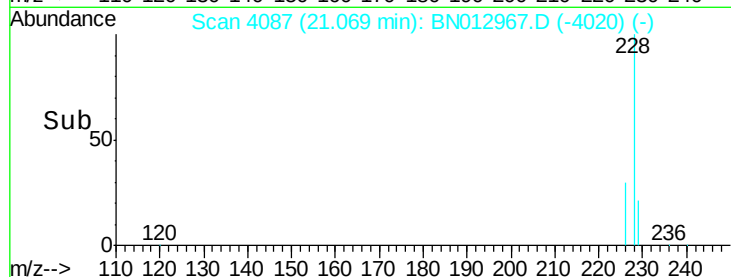
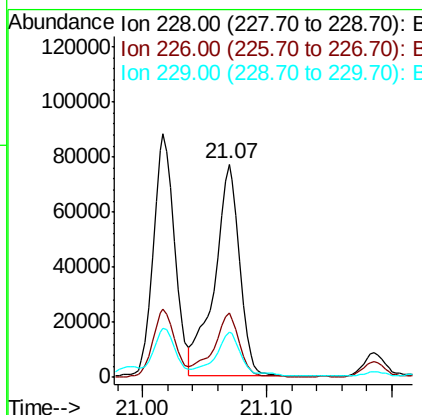
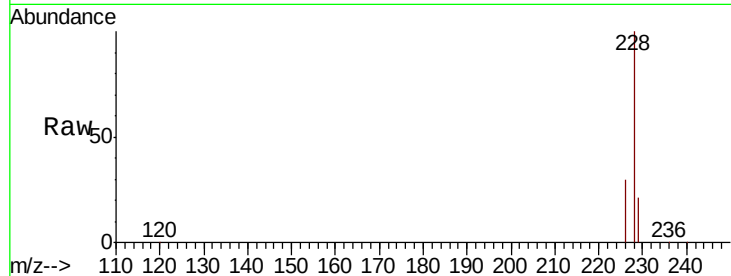
ClientSampleId :

C0B94

Tot Ion:	228	Resp:	108547
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	21.2	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 7.920 ng/ul m

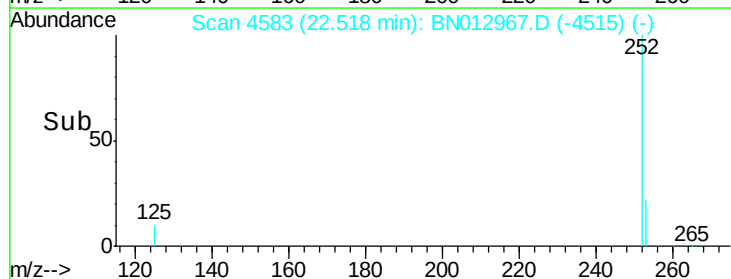
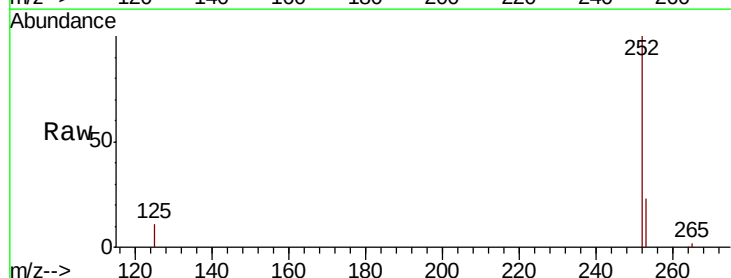
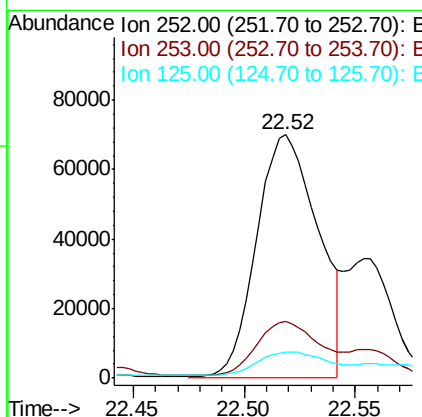
RT: 22.52 min Scan# 4583

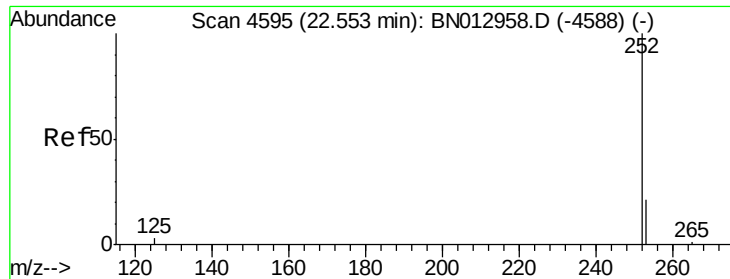
Delta R.T. -0.00 min

Lab File: BN012967.D

Acq: 08 Dec 2020 09:09

Tgt Ion:	252	Resp:	135059
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	59.6
125	10.8	0.0	26.0





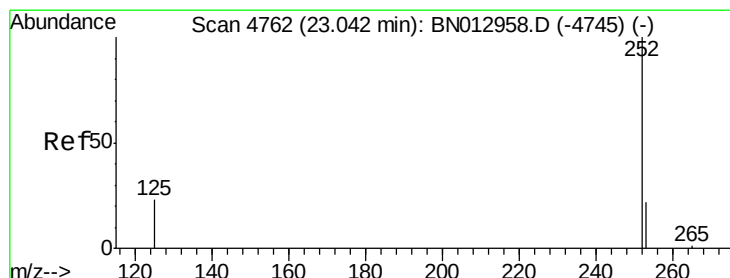
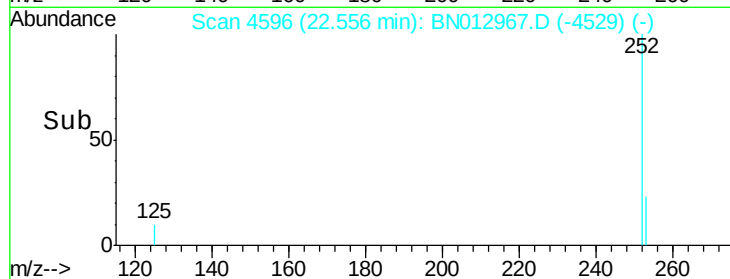
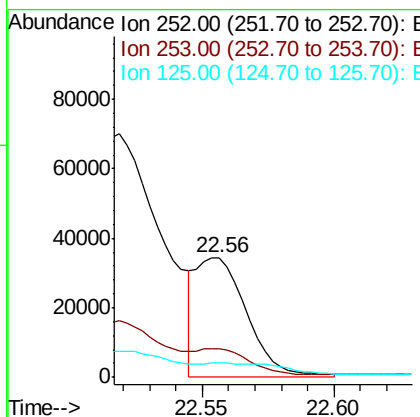
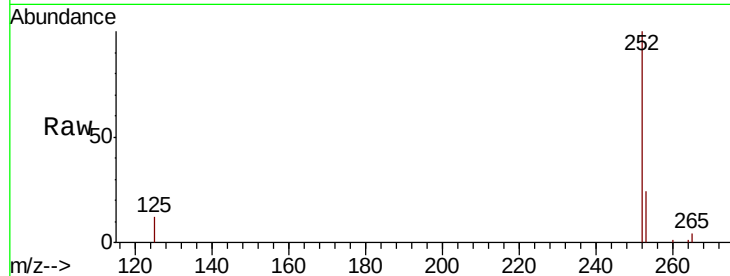
#22
Benzo(k)fluoranthene
Concen: 2.475 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012967.D
Acq: 08 Dec 2020 09:09

Instrument :
BNA_N
ClientSampleId :
C0B94

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	23.4	35.2
125	11.9	11.1	16.7

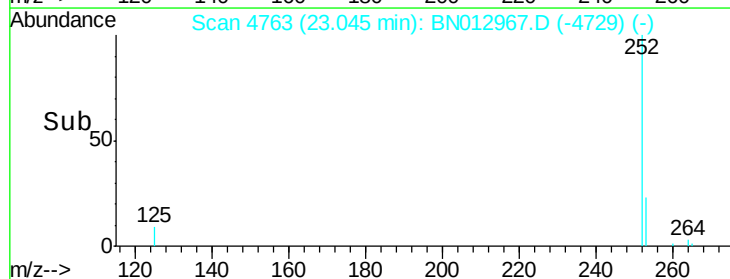
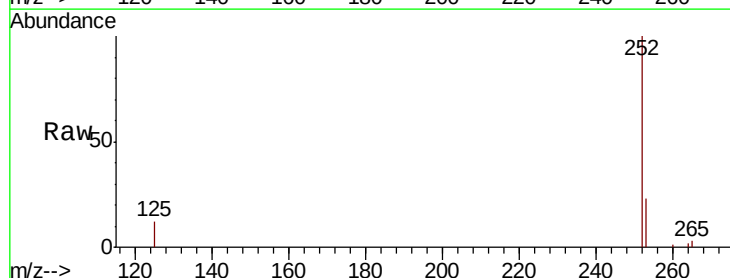
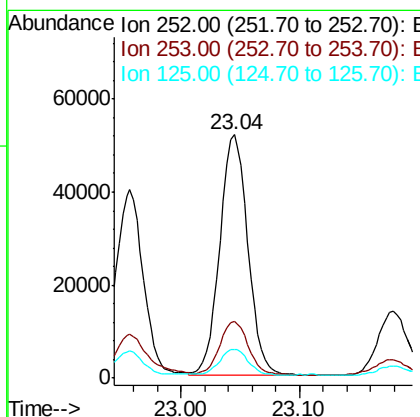
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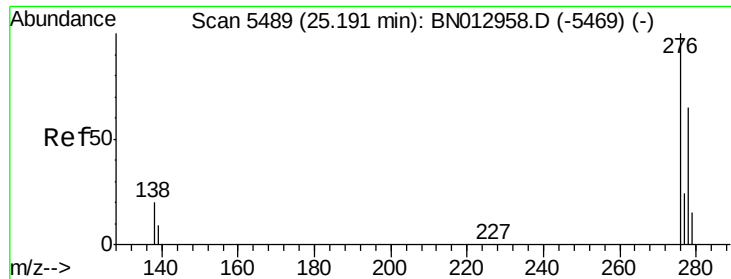
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#23
Benzo(a)pyrene
Concen: 5.406 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN012967.D
Acq: 08 Dec 2020 09:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	26.5	39.7#
125	12.0	14.2	21.2#





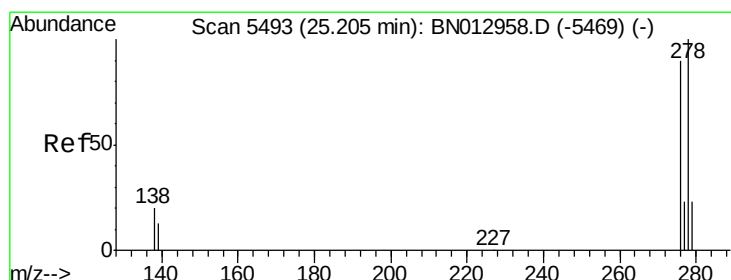
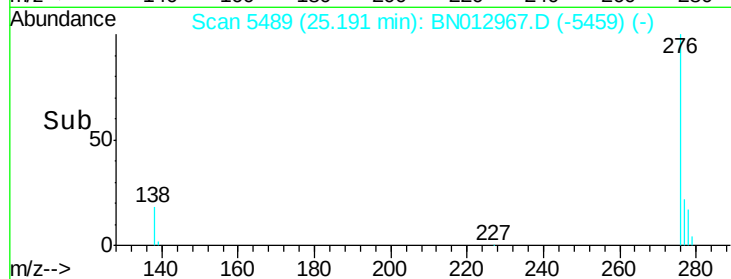
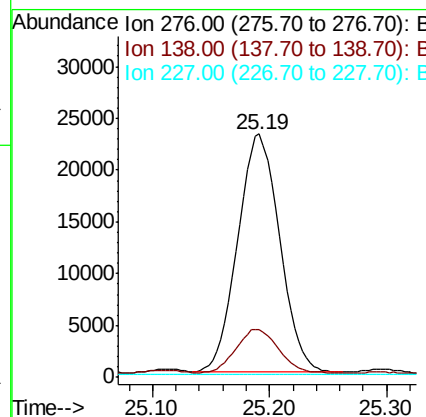
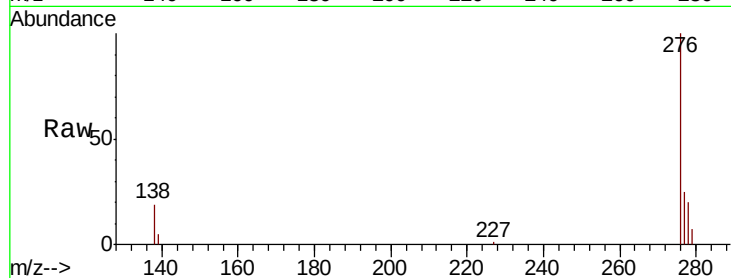
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.755 ng/ul
 RT: 25.19 min Scan# 5489
 Delta R.T. -0.00 min
 Lab File: BN012967.D
 Acq: 08 Dec 2020 09:09

Instrument :
 BNA_N
 ClientSampleId :
 C0B94

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

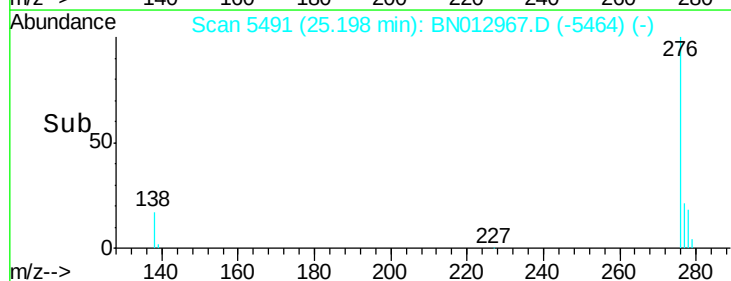
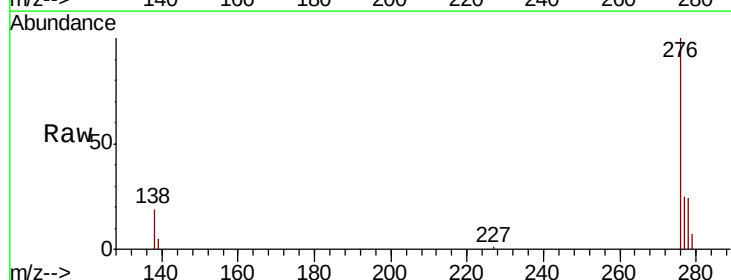
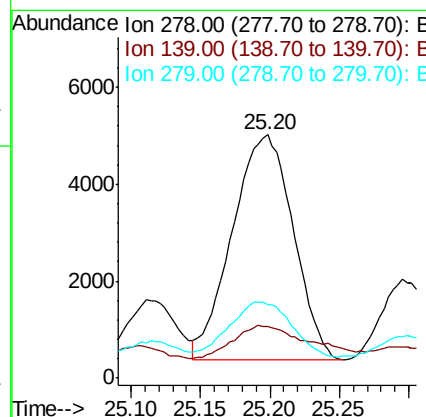
Manual Integrations
 APPROVED

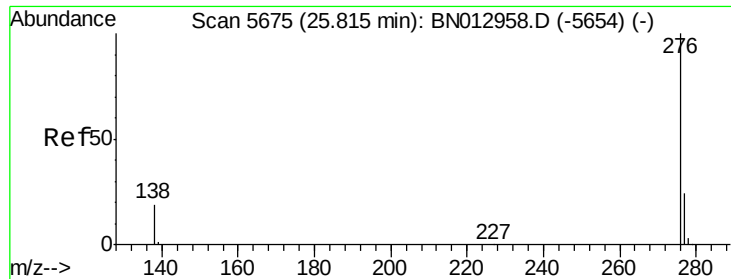
mohammad
 12/9/2020 12:24:26 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.862 ng/ul
 RT: 25.20 min Scan# 5491
 Delta R.T. -0.01 min
 Lab File: BN012967.D
 Acq: 08 Dec 2020 09:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	14.5	21.7
279	30.1	26.3	39.5





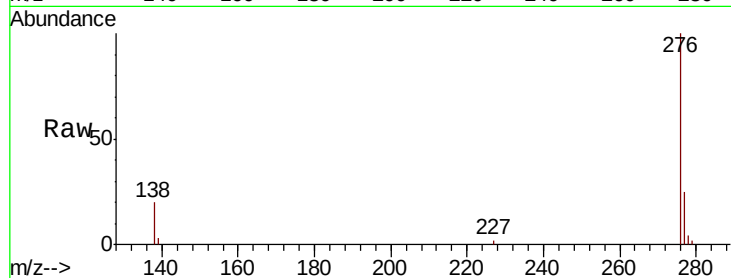
#26
 Benzo(a,h,i)perylene
 Concen: 2.579 ng/ul
 RT: 25.82 min Scan# 5676
 Delta R.T. -0.00 min
 Lab File: BN012967.D
 Acq: 08 Dec 2020 09:09

Instrument :
 BNA_N
 ClientSampleId :
 C0B94

Tot Ion:	276	Resp:	48486
Ion Ratio	Lower	Upper	
276	100		
138	20.4	16.3	24.5
277	24.8	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:24:26 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

