

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012952.D
 Acq On : 07 Dec 2020 22:55
 Operator : CG/JU
 Sample : L4859-07DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BD0DL

Manual Integrations
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mohammad
 12/9/2020 12:21:39 PM

Quant Time: Dec 08 00:58:29 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 : Tue Dec 08 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	975	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4074	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2304	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4720	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3896	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3901	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	458	0.08	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	1016	0.08	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	950	0.087	ng/ul#	92
8) Acenaphthene	14.12	153	295	0.033	ng/ul	95
9) Fluorene	15.12	166	444	0.043	ng/ul#	96
12) Phenanthrene	16.85	178	12216	0.772	ng/ul	97
13) Anthracene	16.95	178	1818	0.135	ng/ul	97
15) Fluoranthene	18.88	202	31191	1.659	ng/ul	98
17) Pyrene	19.25	202	26979	1.466	ng/ul	100
18) Benzo(a)anthracene	21.02	228	12032	0.746	ng/ul	99
19) Chrysene	21.07	228	13192	0.741	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	18120m	1.004	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	6492m	0.325	ng/ul	
23) Benzo(a)pyrene	23.04	252	12432m	0.742	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	7734	0.352	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	1775	0.102	ng/ul#	80
26) Benzo(g,h,i)perylene	25.82	276	6702	0.337	ng/ul	98

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

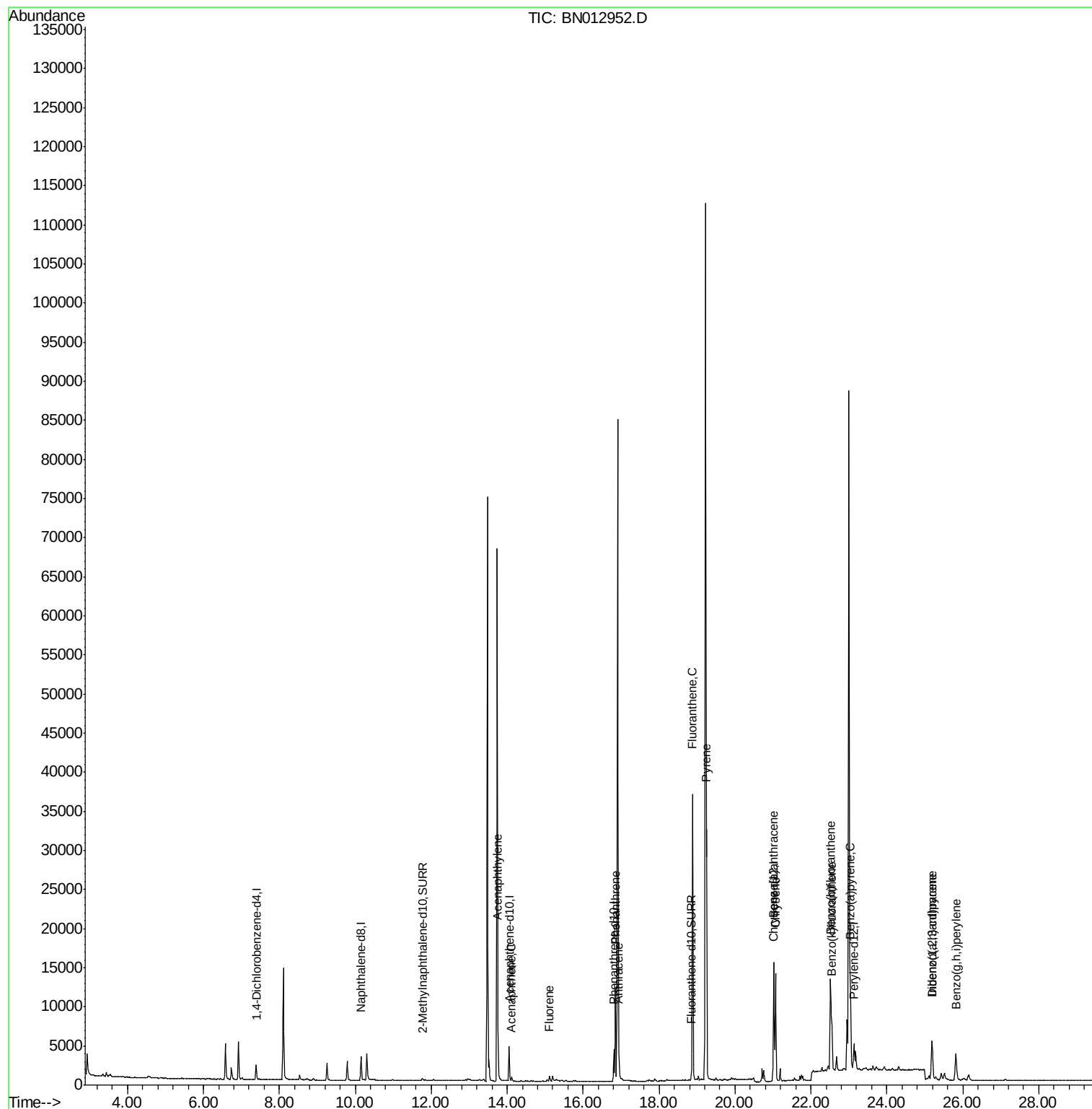
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012952.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

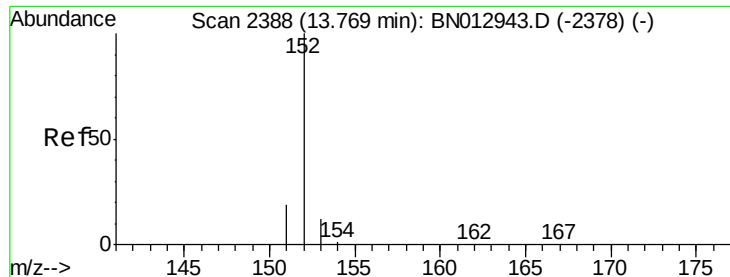
Instrument :
BNA_N
ClientSampleId :
C0BD0DL

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Quant Time: Dec 08 00:58:29 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 : Tue Dec 08 00:15:39 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.087 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN012952.D

Acq: 07 Dec 2020 22:55

Instrument :

BNA_N

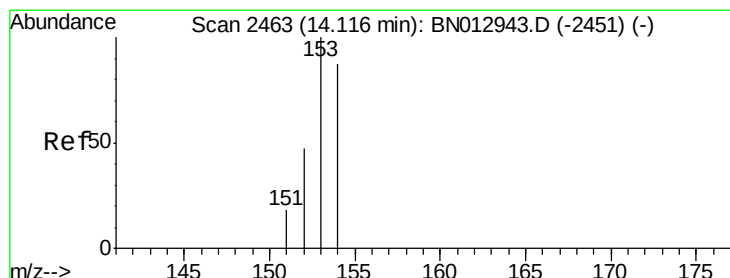
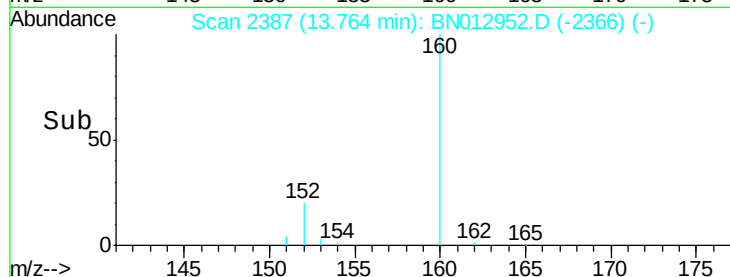
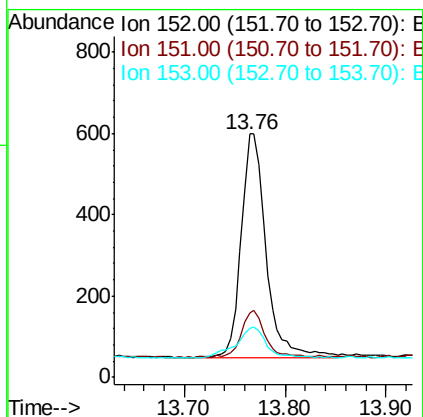
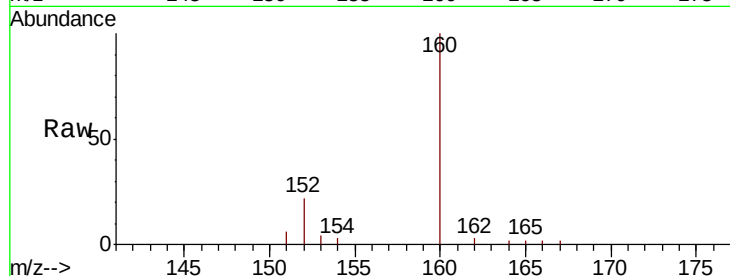
ClientSampleId :

C0BD0DL

Tot Ion:	152	Resp:	950
Ion Ratio	Lower	Upper	
152	100		
151	26.5	18.2	27.4
153	20.0	13.1	19.7#

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#8

Acenaphthene

Concen: 0.033 ng/ul

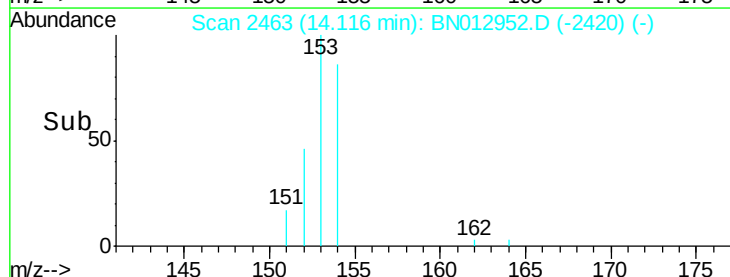
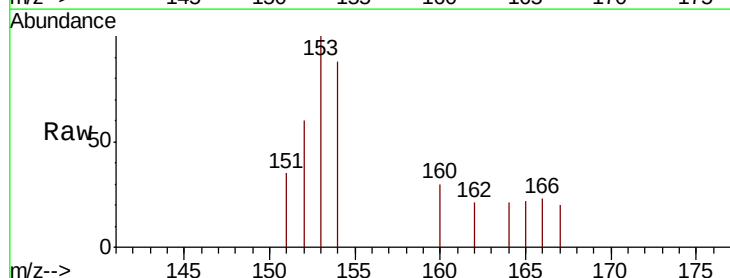
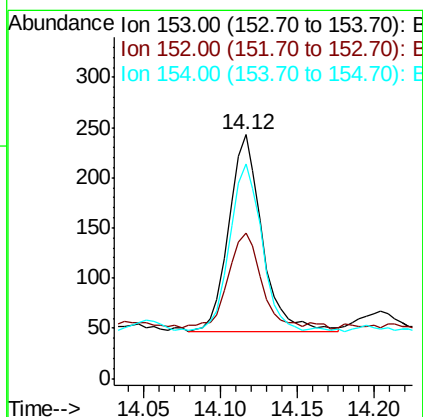
RT: 14.12 min Scan# 2463

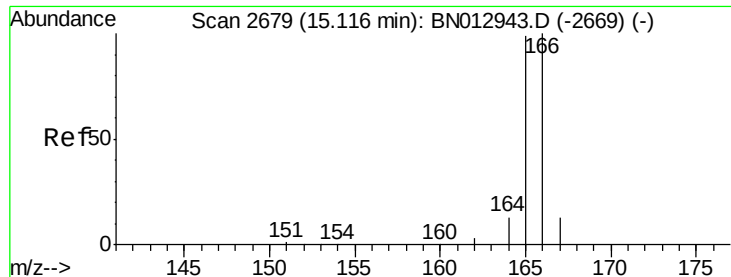
Delta R.T. -0.00 min

Lab File: BN012952.D

Acq: 07 Dec 2020 22:55

Tgt Ion:	153	Resp:	295
Ion Ratio	Lower	Upper	
153	100		
152	59.7	40.7	61.1
154	88.1	70.8	106.2





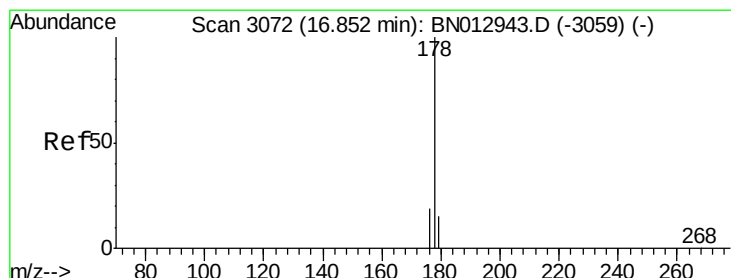
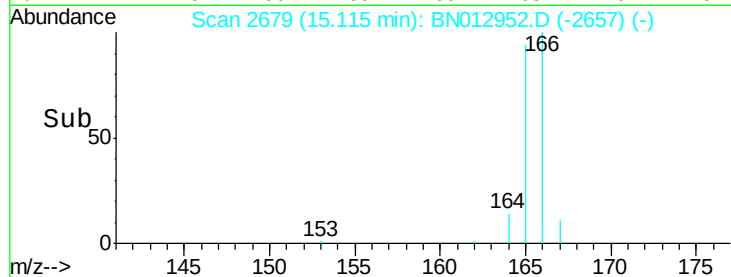
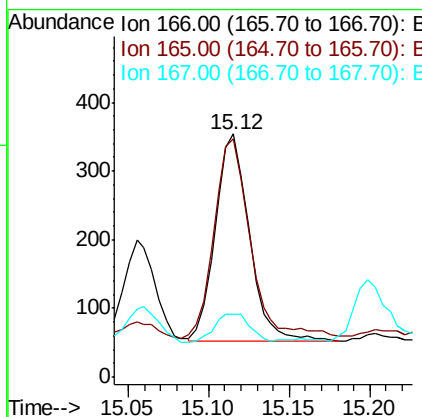
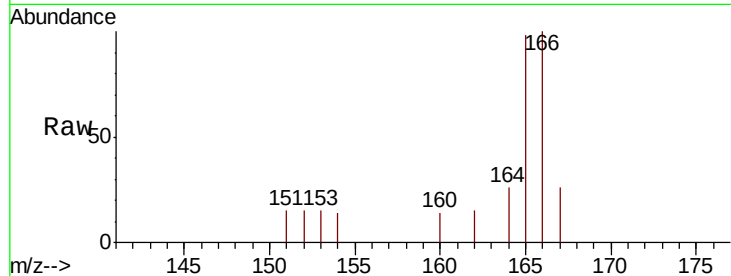
#9
Fluorene
 Concen: 0.043 ng/ul
 RT: 15.12 min Scan# 2679
 Delta R.T. -0.00 min
 Lab File: BN012952.D
 Acq: 07 Dec 2020 22:55

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion:	166	Resp:	444
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	26.0	13.8	20.8

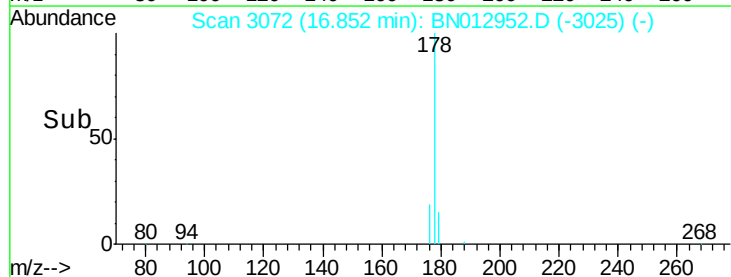
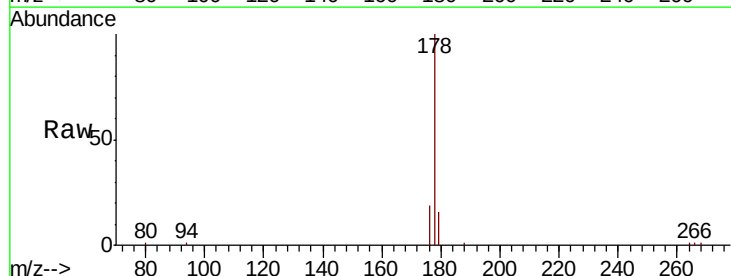
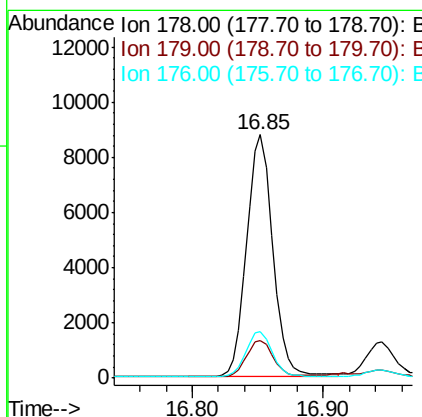
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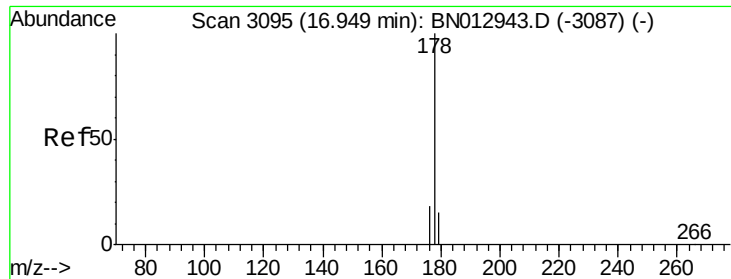
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#12
Phenanthrene
 Concen: 0.772 ng/ul
 RT: 16.85 min Scan# 3072
 Delta R.T. -0.00 min
 Lab File: BN012952.D
 Acq: 07 Dec 2020 22:55

Tgt Ion:	178	Resp:	12216
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.6	20.4
176	19.3	16.4	24.6





#13

Anthracene

Concen: 0.135 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BN012952.D

Acq: 07 Dec 2020 22:55

Instrument :

BNA_N

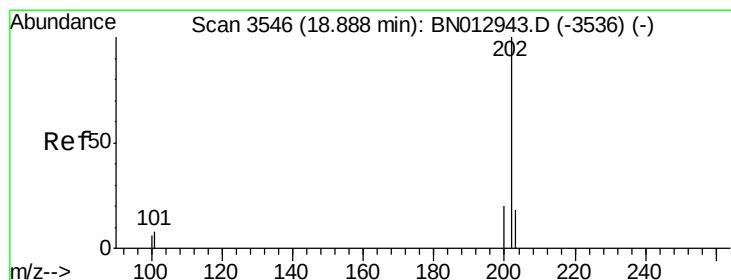
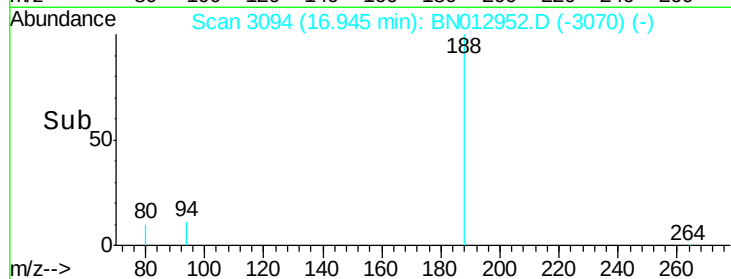
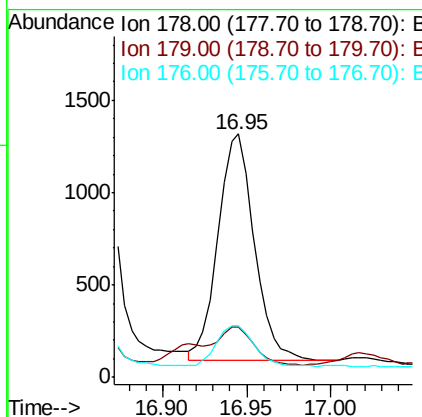
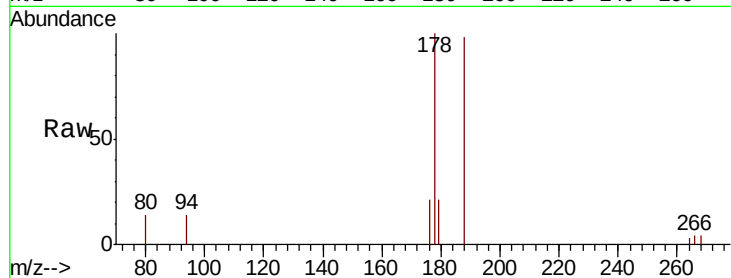
ClientSampleId :

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Tot Ion:	178	Resp:	1818
Ion	Ratio	Lower	Upper
178	100		
179	20.7	14.6	21.8
176	20.9	17.1	25.7

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#15

Fluoranthene

Concen: 1.659 ng/ul

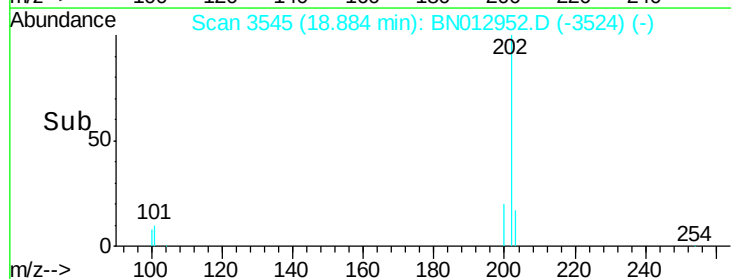
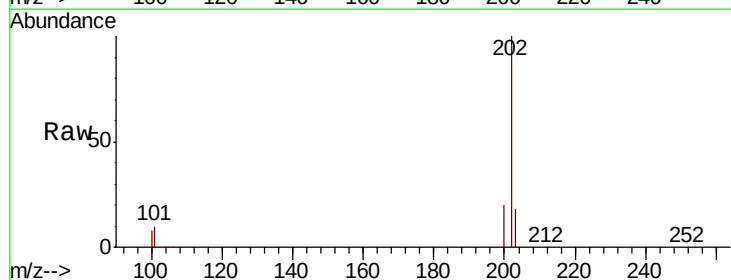
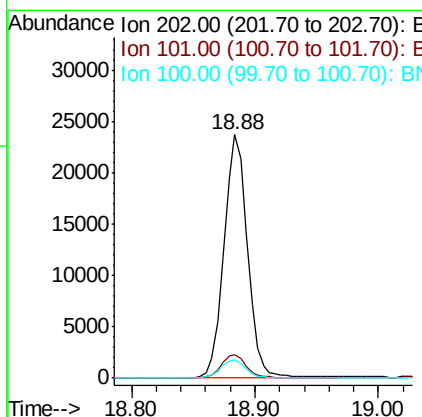
RT: 18.88 min Scan# 3545

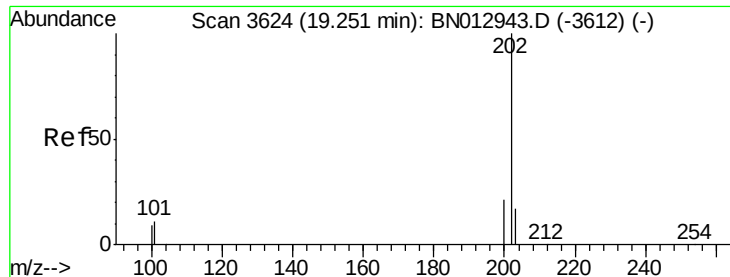
Delta R.T. -0.00 min

Lab File: BN012952.D

Acq: 07 Dec 2020 22:55

Tgt Ion:	202	Resp:	31191
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.6
100	7.7	0.0	28.7





#17

Pvrene

Concen: 1.466 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN012952.D

Acq: 07 Dec 2020 22:55

Instrument :

BNA_N

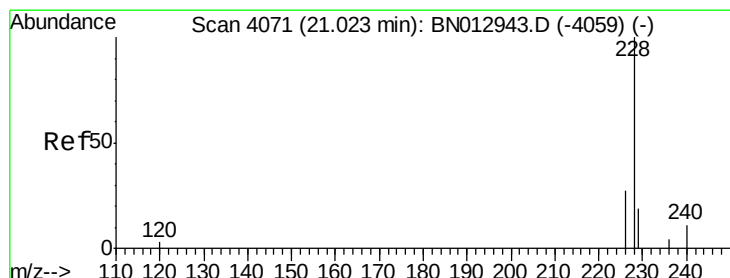
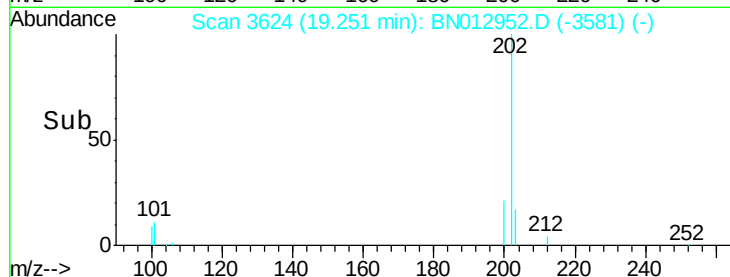
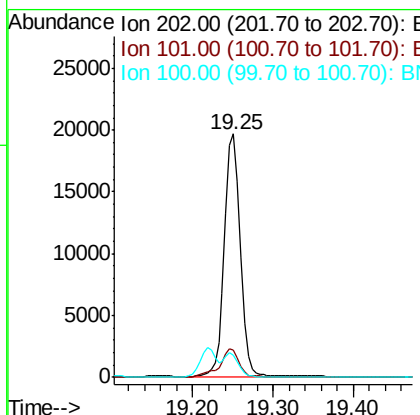
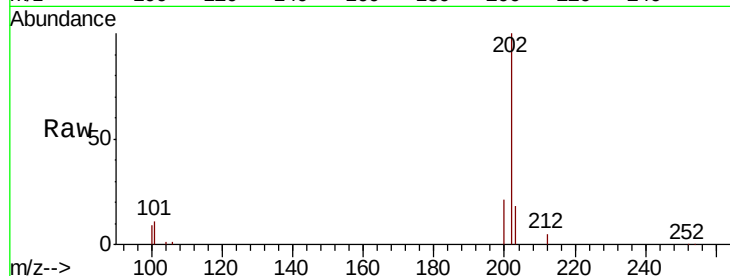
ClientSampleId :

C0BD0DL

Tot Ion:	202	Resp:	26979
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.1	13.7
100	9.4	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 0.746 ng/ul

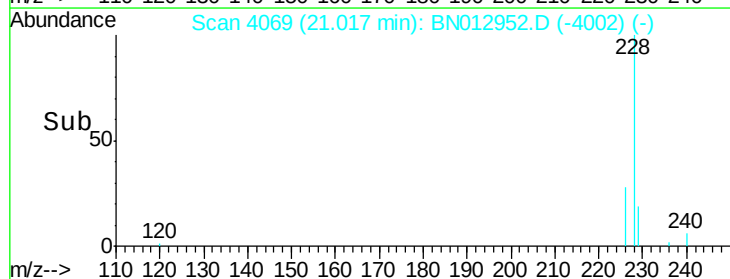
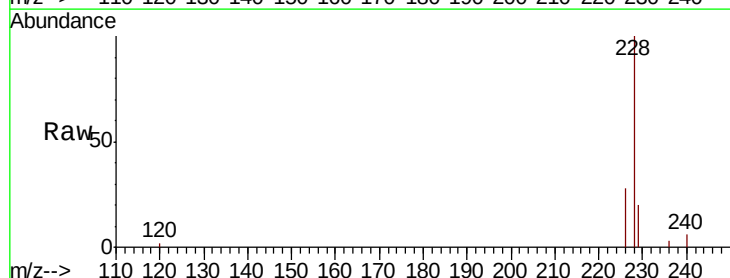
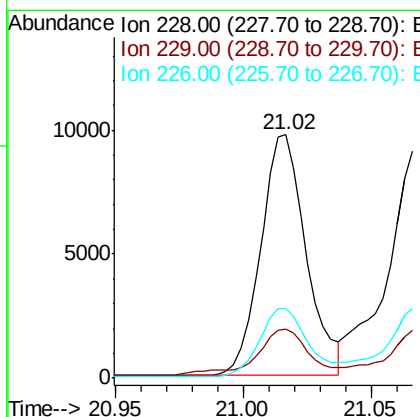
RT: 21.02 min Scan# 4069

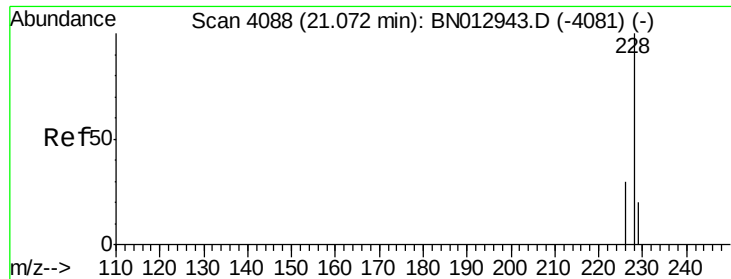
Delta R.T. -0.00 min

Lab File: BN012952.D

Acq: 07 Dec 2020 22:55

Tgt Ion:	228	Resp:	12032
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.3	24.5
226	28.5	23.4	35.2





#19

Chrysene

Concen: 0.741 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012952.D

Acq: 07 Dec 2020 22:55

Instrument :

BNA_N

ClientSampleId :

C0BD0DL

Tot Ion:228 Resp: 13192

Ion Ratio Lower Upper

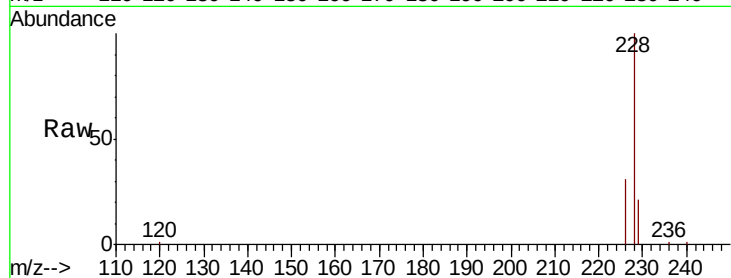
228 100

226 30.8 25.0 37.6

229 21.2 16.4 24.6

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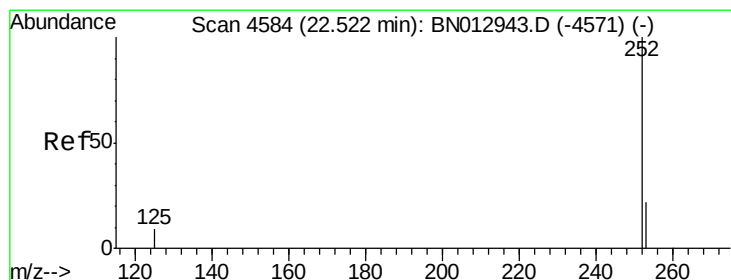
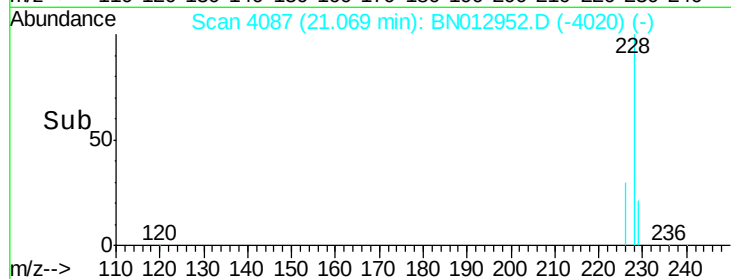
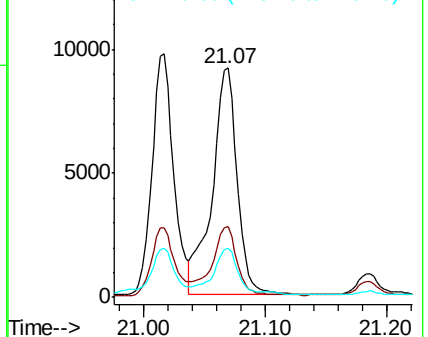
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 1.004 ng/ul m

RT: 22.52 min Scan# 4582

Delta R.T. -0.00 min

Lab File: BN012952.D

Acq: 07 Dec 2020 22:55

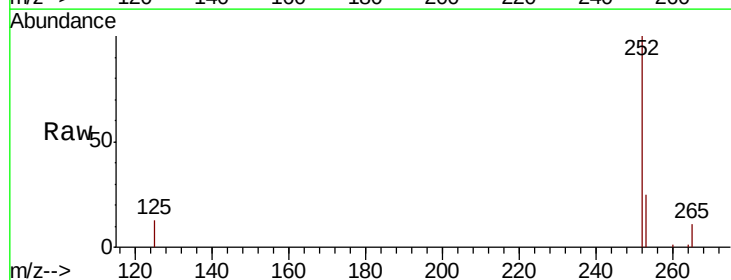
Tgt Ion:252 Resp: 18120

Ion Ratio Lower Upper

252 100

253 24.7 0.0 59.6

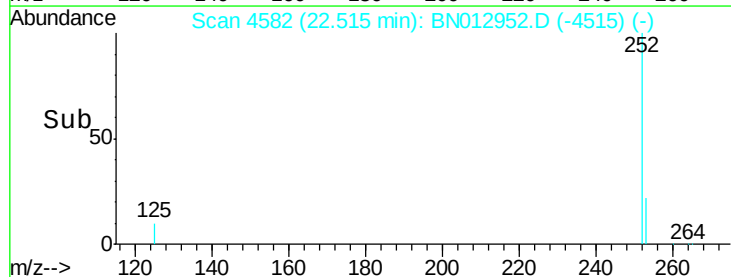
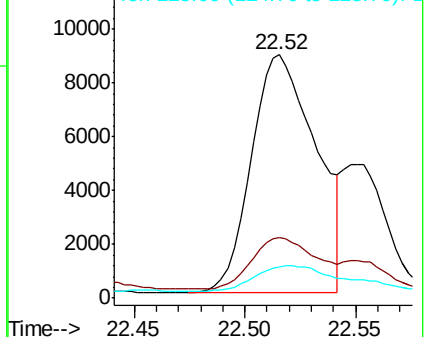
125 12.8 0.0 26.0

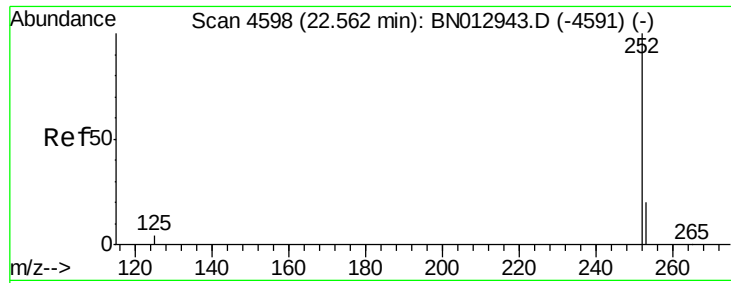


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





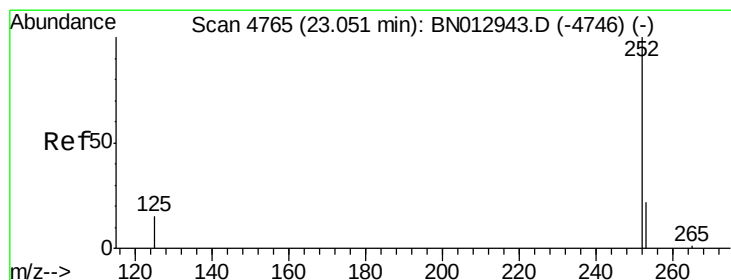
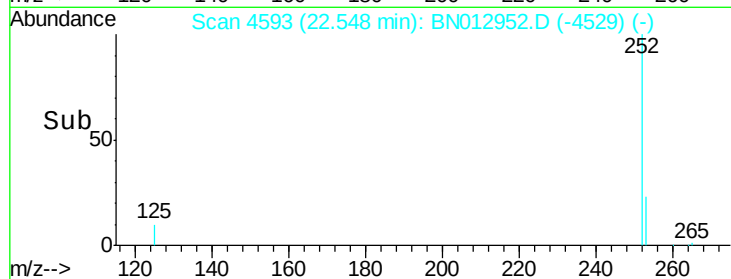
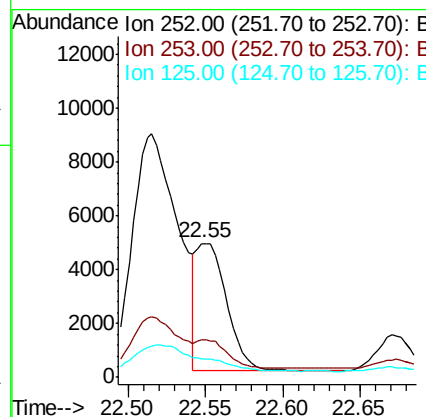
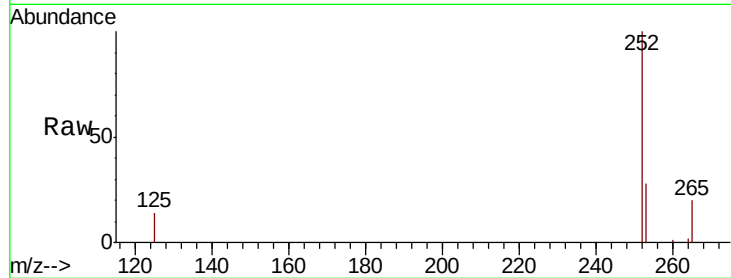
#22
Benzo(k)fluoranthene
Concen: 0.325 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BN012952.D
Acq: 07 Dec 2020 22:55

Instrument :
BNA_N
ClientSampleId :
C0BD0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	23.4	35.2
125	14.0	11.1	16.7

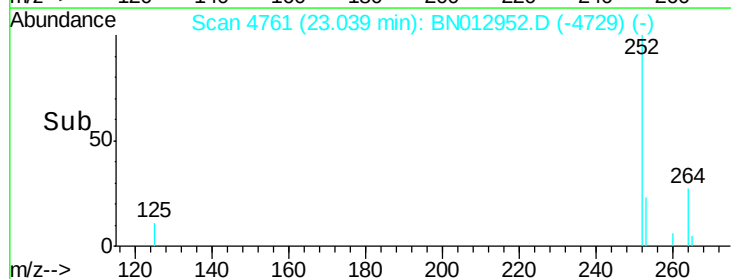
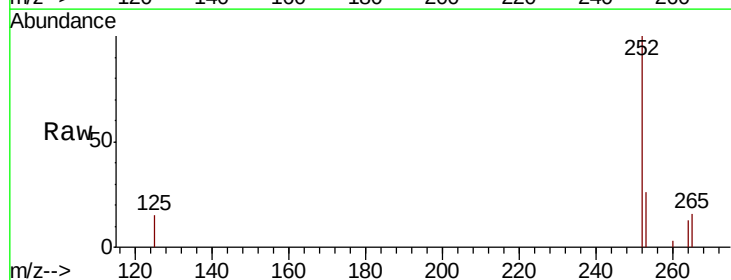
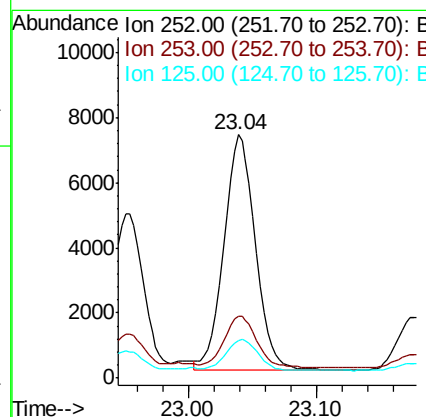
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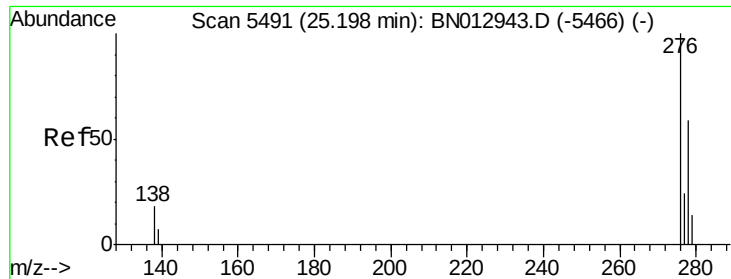
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#23
Benzo(a)pyrene
Concen: 0.742 ng/ul m
RT: 23.04 min Scan# 4761
Delta R.T. -0.01 min
Lab File: BN012952.D
Acq: 07 Dec 2020 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	26.5	39.7#
125	15.4	14.2	21.2





#24

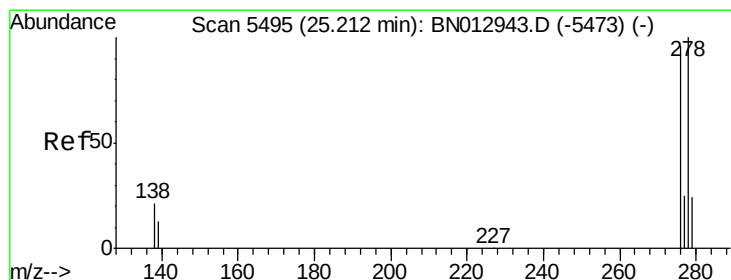
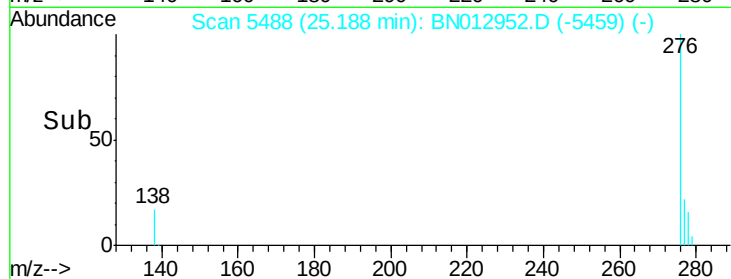
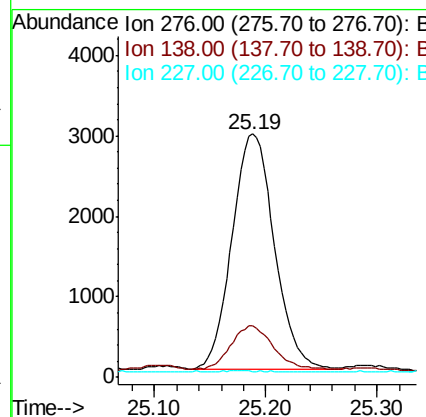
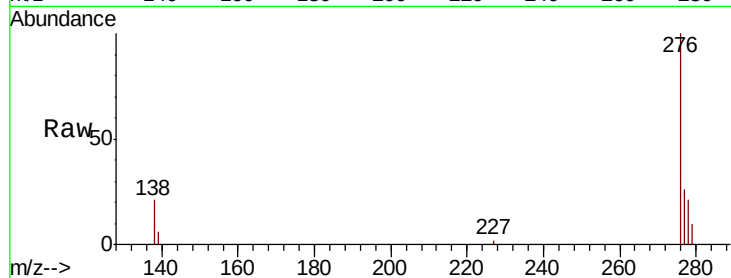
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012952.D
Acq: 07 Dec 2020 22:55

Instrument :
BNA_N
ClientSampleId :
C0BD0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.2	24.2
227	0.2	0.0	0.0#

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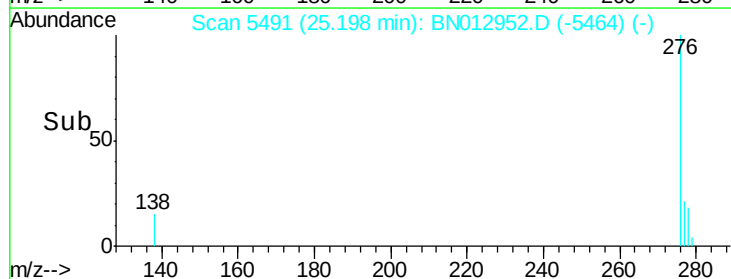
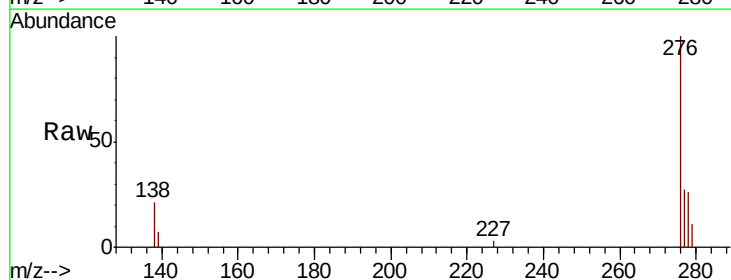
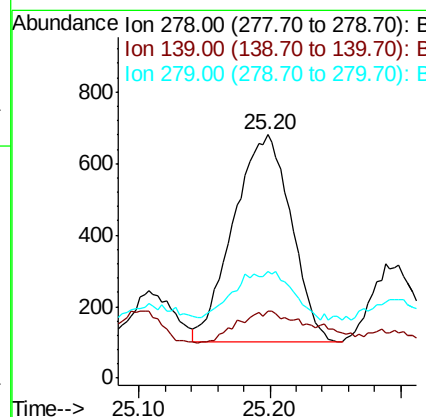
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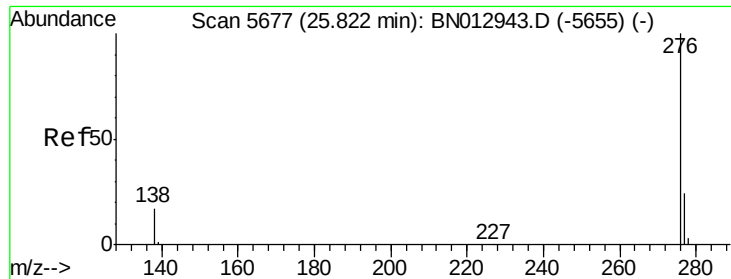


#25

Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.01 min
Lab File: BN012952.D
Acq: 07 Dec 2020 22:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.5	14.5	21.7#
279	43.9	26.3	39.5#





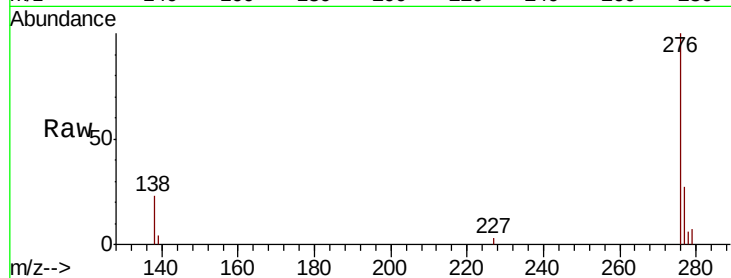
#26
 Benzo(a,h,i)perylene
 Concen: 0.337 ng/ul
 RT: 25.82 min Scan# 5676
 Delta R.T. -0.00 min
 Lab File: BN012952.D
 Acq: 07 Dec 2020 22:55

Instrument :
 BNA_N
 ClientSampleId :
 C0BD0DL

Tot Ion:	276	Resp:	6702
Ion Ratio	Lower	Upper	
276	100		
138	22.6	16.3	24.5
277	27.1	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:21:39 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

