

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012951.D
 Acq On : 07 Dec 2020 22:19
 Operator : CG/JU
 Sample : L4859-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BD0

Manual Integrations
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Quant Time: Dec 08 00:53:52 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	1008	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4199	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2318	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4832	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4210	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4051	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	853	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	1973	0.15	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.77	152	1740	0.159	ng/ul	99
8) Acenaphthene	14.11	153	481	0.053	ng/ul	95
9) Fluorene	15.11	166	815	0.079	ng/ul#	96
12) Phenanthrene	16.85	178	23423	1.446	ng/ul	97
13) Anthracene	16.94	178	3538	0.257	ng/ul	99
15) Fluoranthene	18.88	202	60580	3.147	ng/ul	98
17) Pyrene	19.25	202	51105	2.570	ng/ul	100
18) Benzo(a)anthracene	21.02	228	23798	1.366	ng/ul	99
19) Chrysene	21.07	228	25362	1.318	ng/ul	97
21) Benzo(b)fluoranthene	22.51	252	35051m	1.870	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	12721m	0.614	ng/ul	
23) Benzo(a)pyrene	23.04	252	23862m	1.372	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	14990	0.656	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	3452	0.191	ng/ul#	92
26) Benzo(g,h,i)perylene	25.81	276	12881	0.623	ng/ul	98

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

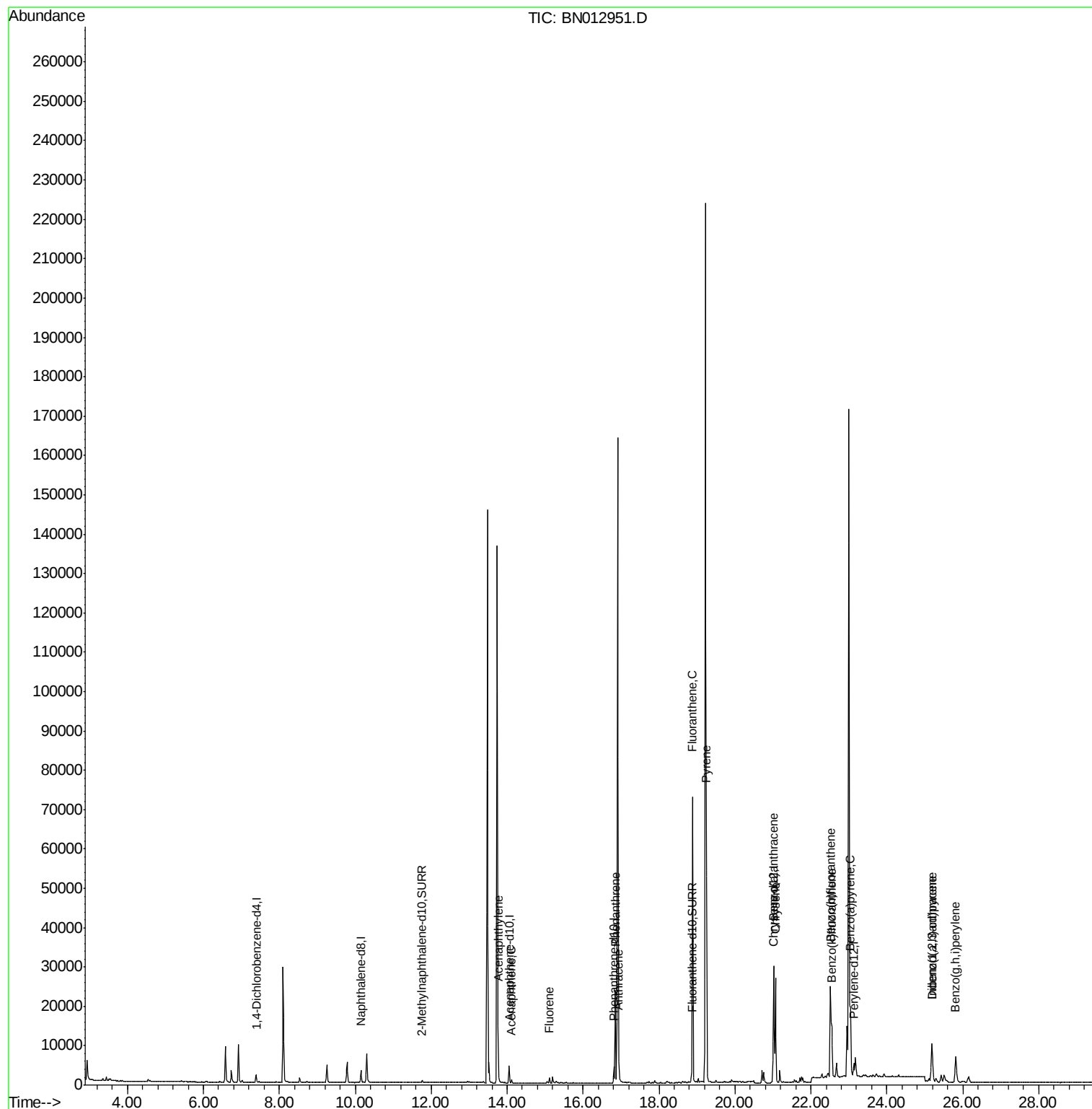
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012951.D
Acq On : 07 Dec 2020 22:19
Operator : CG/JU
Sample : L4859-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

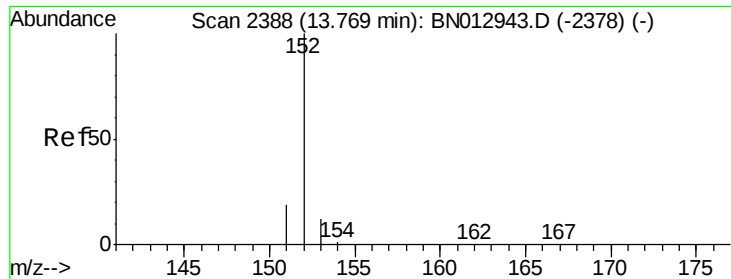
Instrument :
BNA_N
ClientSampleId :
C0BD0

Quant Time: Dec 08 00:53:52 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

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#7

Acenaphthylene

Concen: 0.159 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BN012951.D

Acq: 07 Dec 2020 22:19

Instrument :

BNA_N

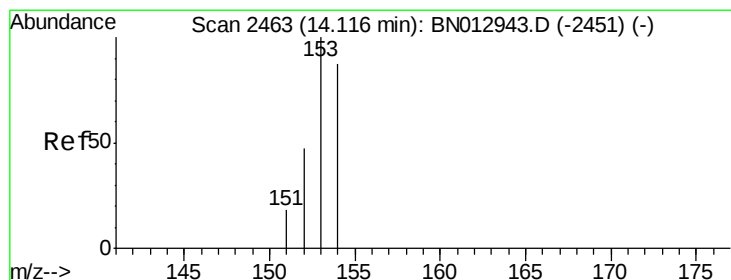
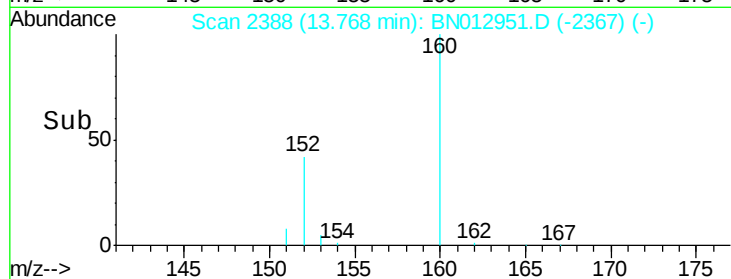
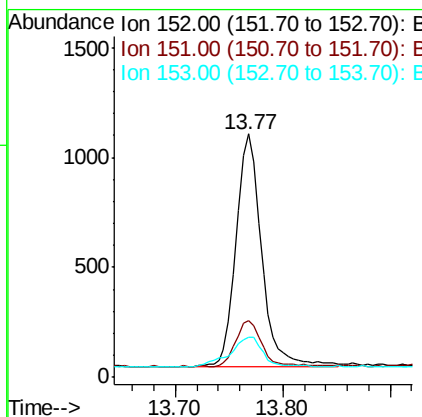
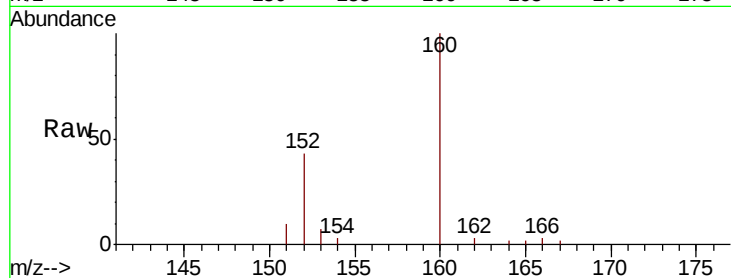
ClientSampled :

C0BD0

Tot Ion:	152	Resp:	1740
Ion Ratio	Lower	Upper	
152	100		
151	23.2	18.2	27.4
153	16.7	13.1	19.7

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#8

Acenaphthene

Concen: 0.053 ng/ul

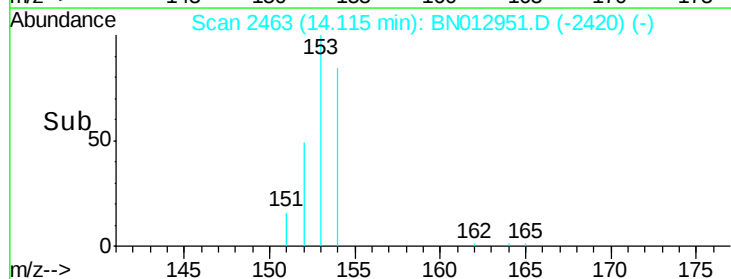
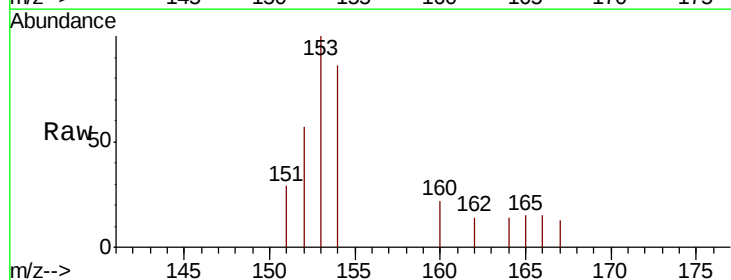
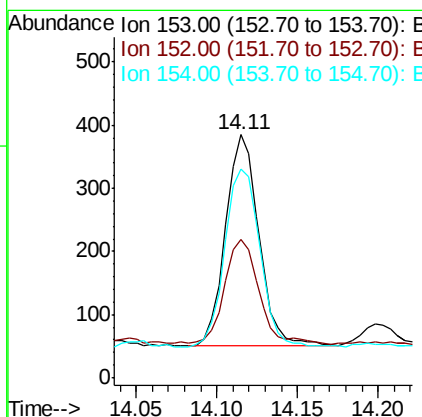
RT: 14.11 min Scan# 2463

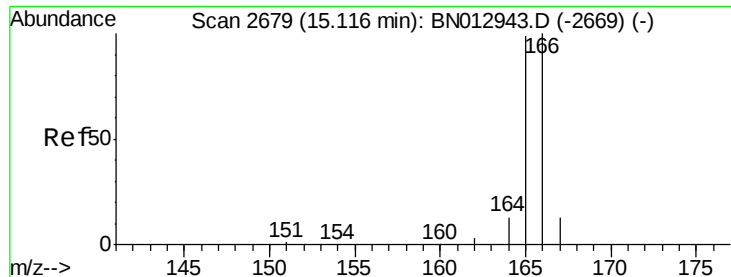
Delta R.T. -0.00 min

Lab File: BN012951.D

Acq: 07 Dec 2020 22:19

Tgt Ion:	153	Resp:	481
Ion Ratio	Lower	Upper	
153	100		
152	57.1	40.7	61.1
154	86.0	70.8	106.2





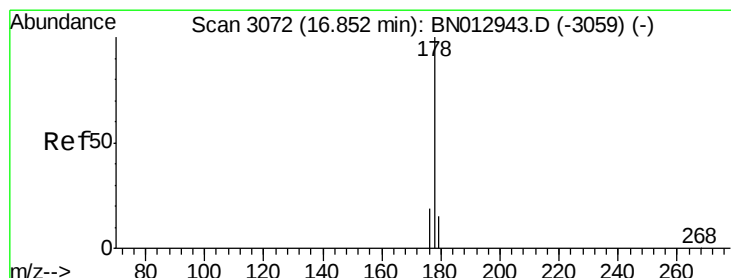
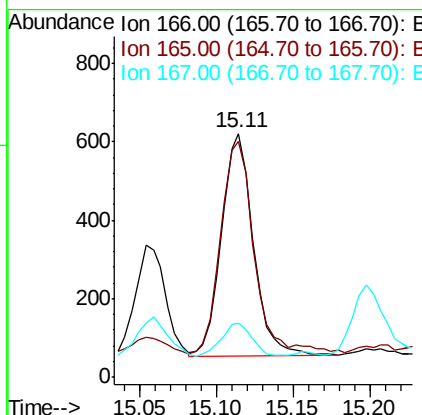
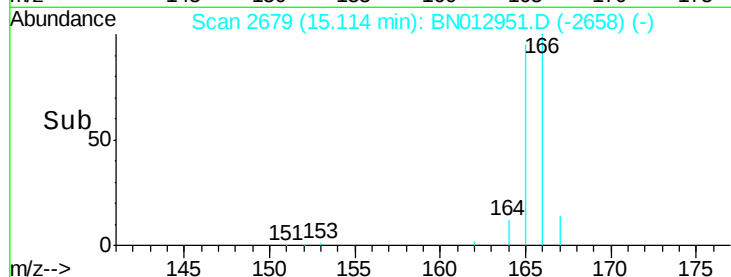
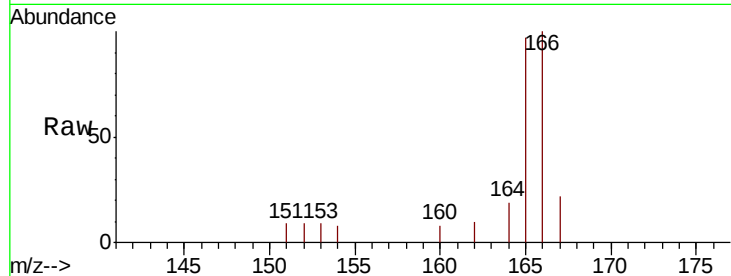
#9
Fluorene
 Concen: 0.079 ng/ul
 RT: 15.11 min Scan# 2679
 Delta R.T. -0.00 min
 Lab File: BN012951.D
 Acq: 07 Dec 2020 22:19

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.8
167	22.1	13.8	20.8

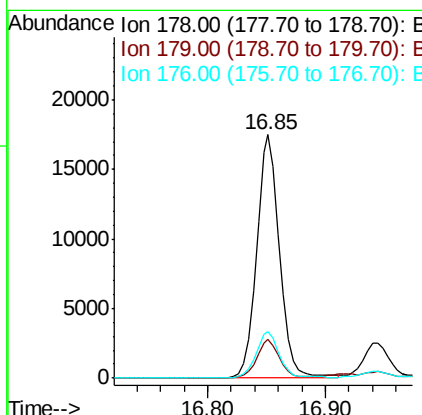
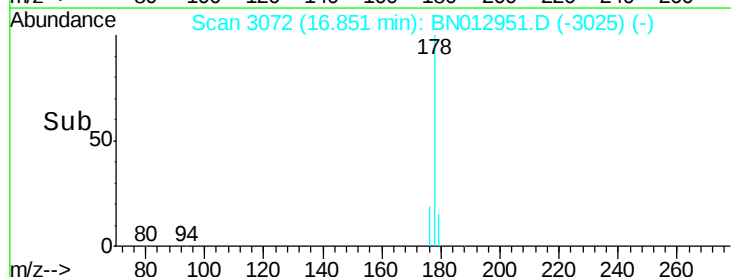
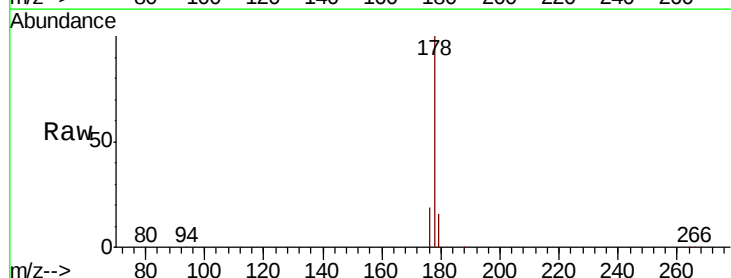
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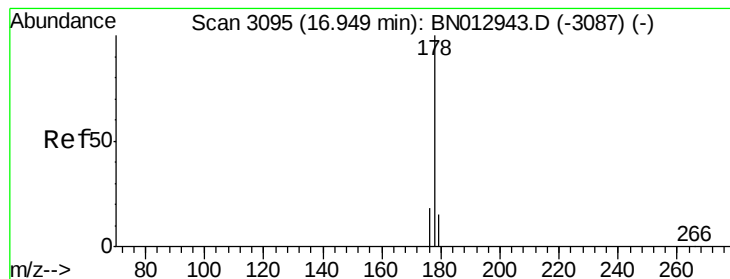
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#12
Phenanthrene
 Concen: 1.446 ng/ul
 RT: 16.85 min Scan# 3072
 Delta R.T. -0.00 min
 Lab File: BN012951.D
 Acq: 07 Dec 2020 22:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.6	20.4
176	19.3	16.4	24.6





#13

Anthracene

Concen: 0.257 ng/ul

RT: 16.94 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BN012951.D

Acq: 07 Dec 2020 22:19

Instrument :

BNA_N

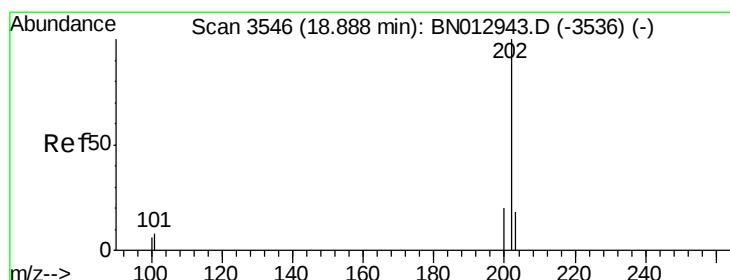
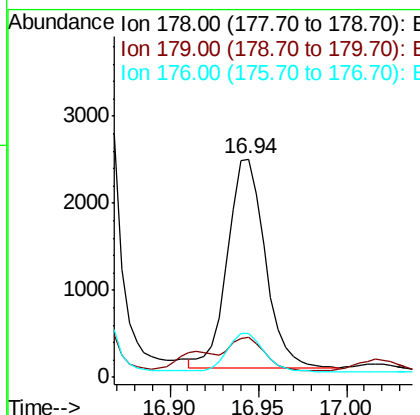
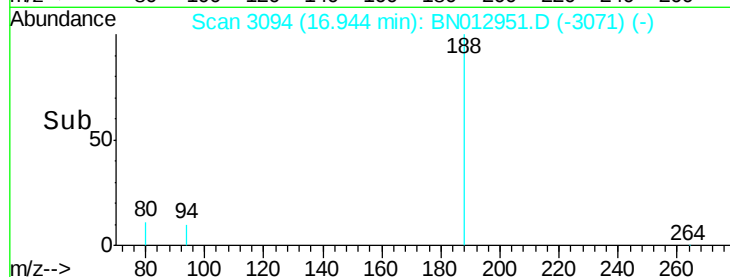
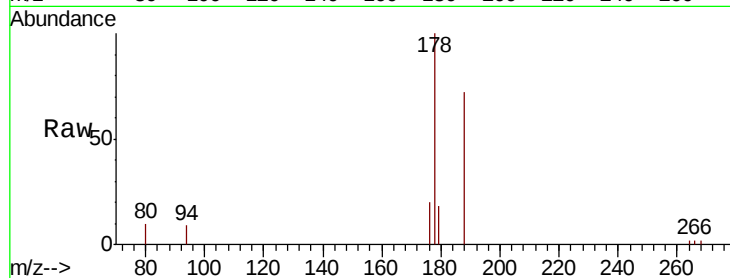
ClientSampleId :

C0BD0

Tot Ion:	178	Resp:	3538
Ion Ratio	Lower	Upper	
178	100		
179	18.1	14.6	21.8
176	20.3	17.1	25.7

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#15

Fluoranthene

Concen: 3.147 ng/ul

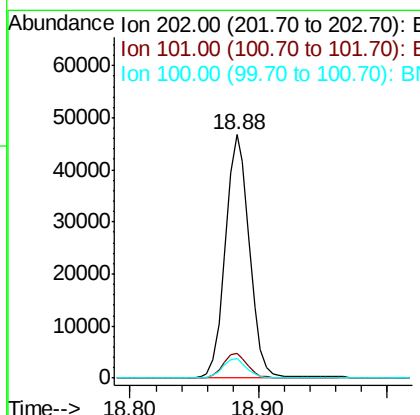
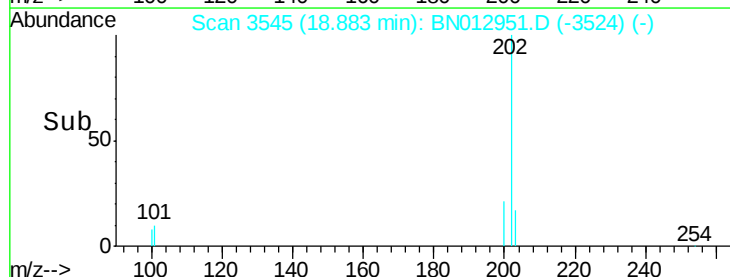
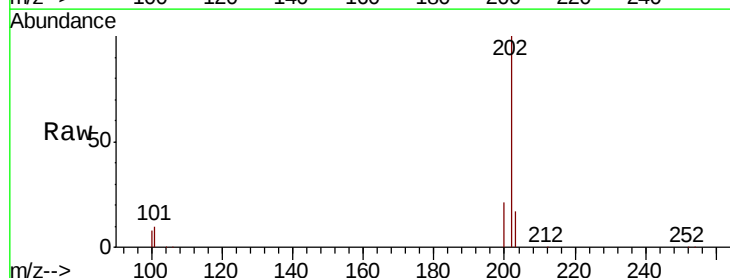
RT: 18.88 min Scan# 3545

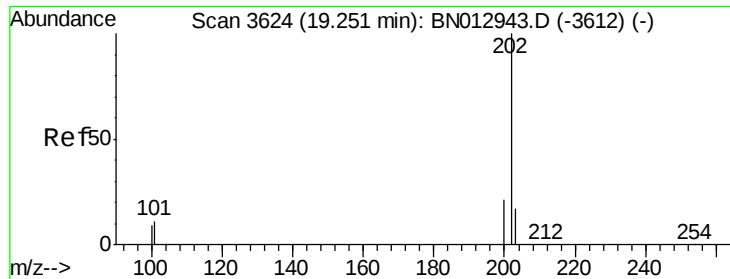
Delta R.T. -0.00 min

Lab File: BN012951.D

Acq: 07 Dec 2020 22:19

Tgt Ion:	202	Resp:	60580
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.6
100	7.9	0.0	28.7





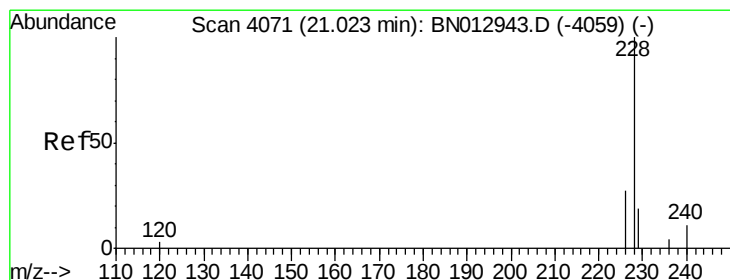
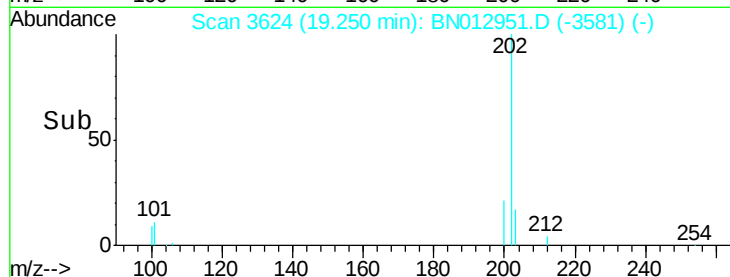
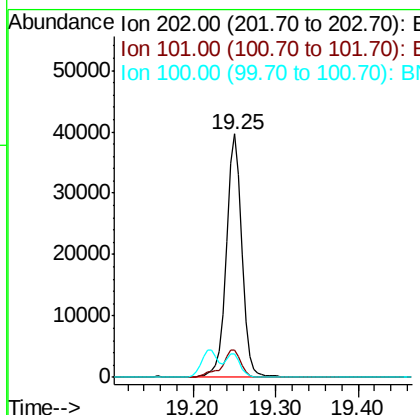
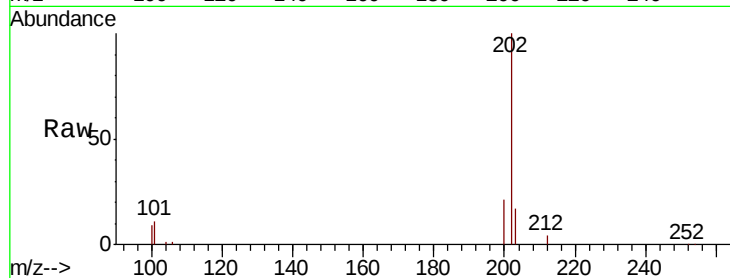
#17
Pvrene
Concen: 2.570 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.00 min
Lab File: BN012951.D
Acq: 07 Dec 2020 22:19

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	9.1	13.7
100	9.5	7.5	11.3

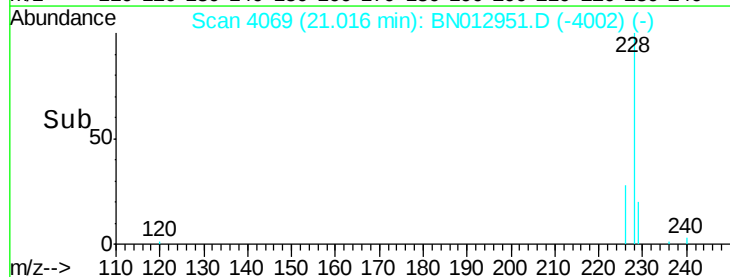
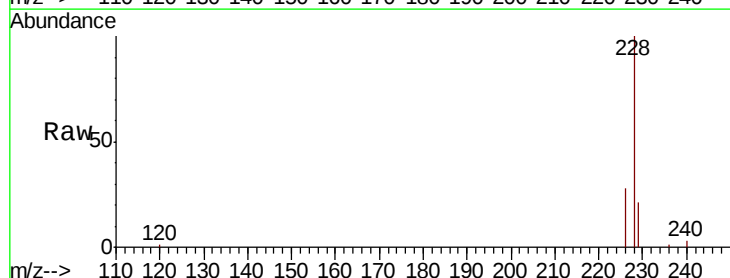
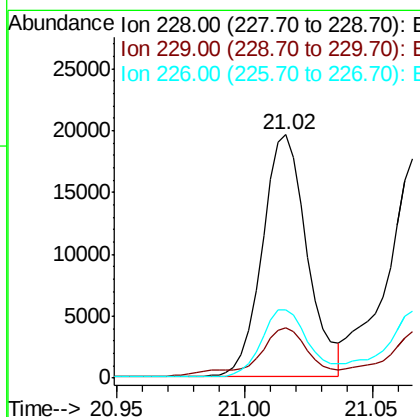
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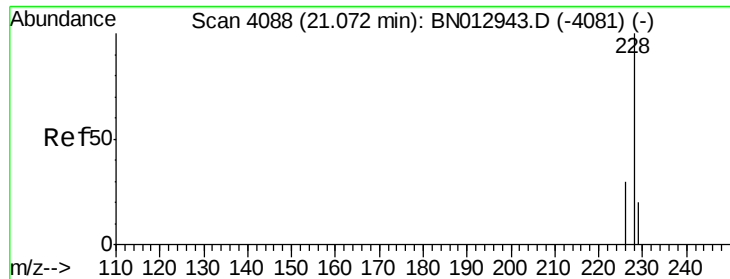
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#18
Benzo(a)anthracene
Concen: 1.366 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.00 min
Lab File: BN012951.D
Acq: 07 Dec 2020 22:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	16.3	24.5
226	28.1	23.4	35.2





#19

Chrysene

Concen: 1.318 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012951.D

Acq: 07 Dec 2020 22:19

Instrument :

BNA_N

ClientSampleId :

C0BD0

Tot Ion:228 Resp: 25362

Ion Ratio Lower Upper

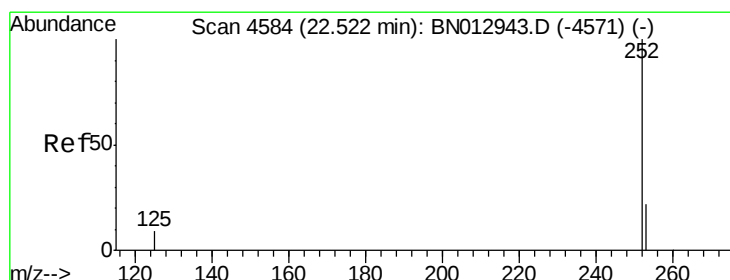
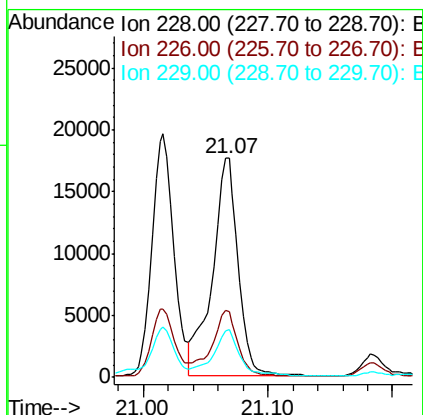
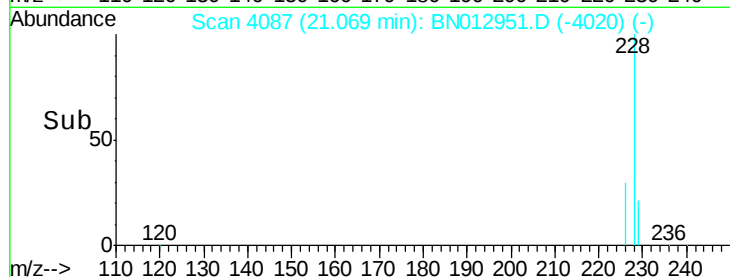
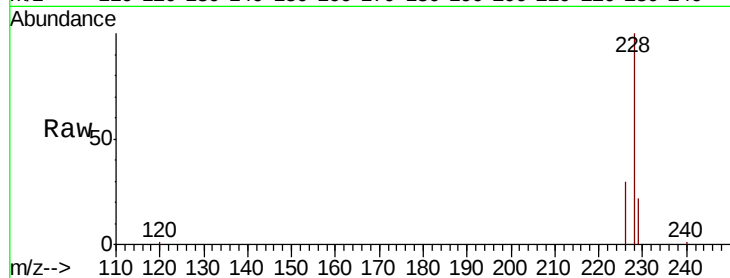
228 100

226 29.8 25.0 37.6

229 21.8 16.4 24.6

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#21

Benzo(b)fluoranthene

Concen: 1.870 ng/ul m

RT: 22.51 min Scan# 4582

Delta R.T. -0.00 min

Lab File: BN012951.D

Acq: 07 Dec 2020 22:19

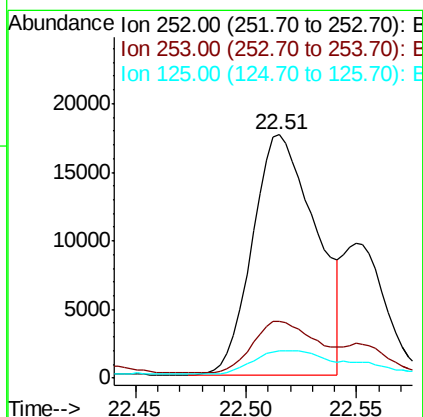
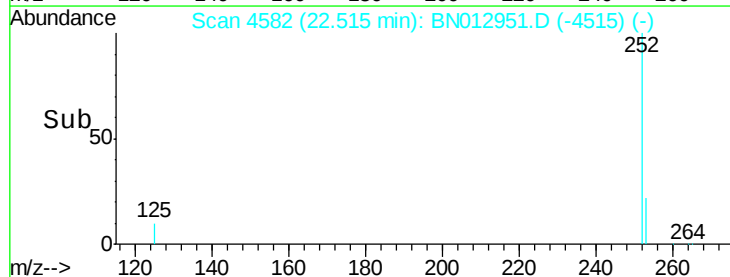
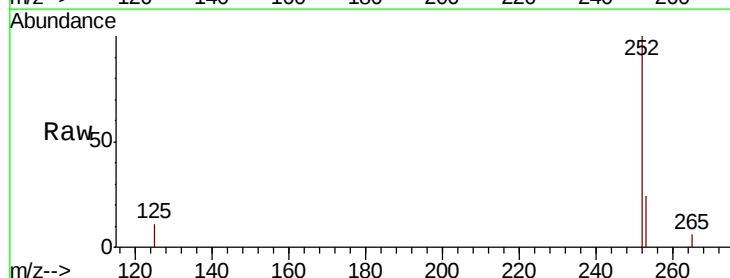
Tgt Ion:252 Resp: 35051

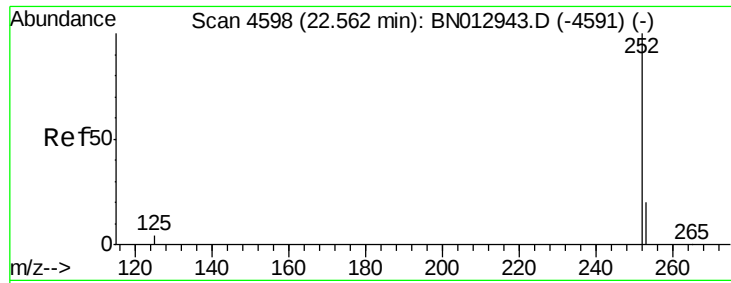
Ion Ratio Lower Upper

252 100

253 23.6 0.0 59.6

125 11.3 0.0 26.0





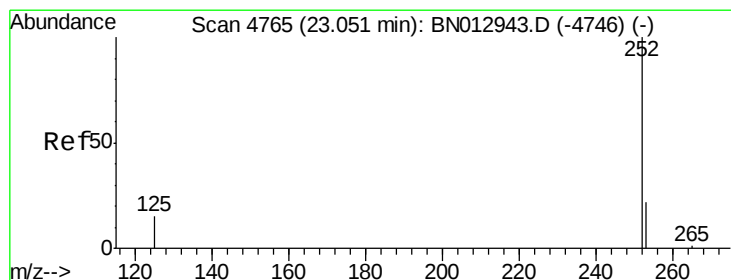
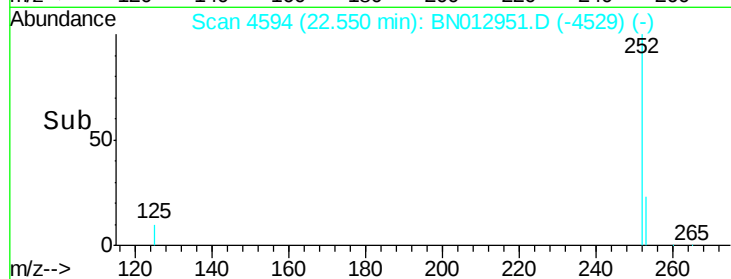
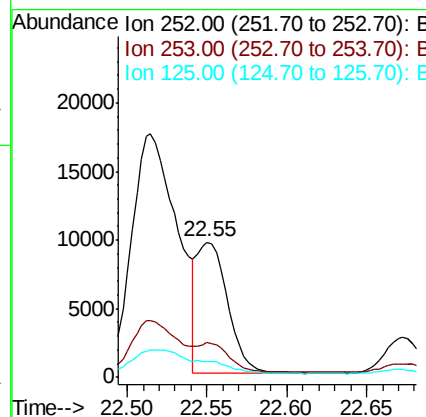
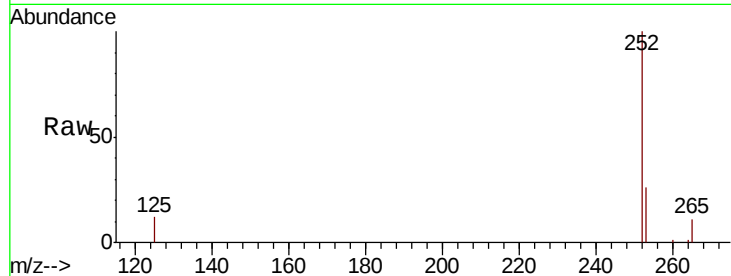
#22
Benzo(k)fluoranthene
Concen: 0.614 ng/ul m
RT: 22.55 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BN012951.D
Acq: 07 Dec 2020 22:19

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	23.4	35.2
125	12.1	11.1	16.7

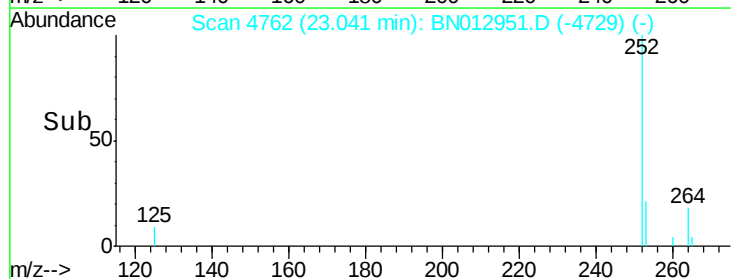
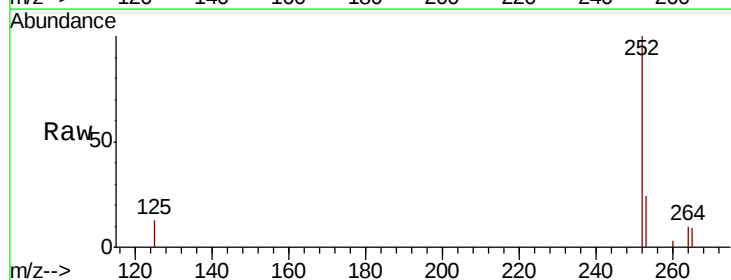
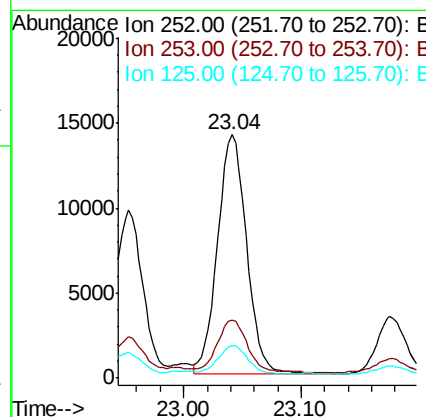
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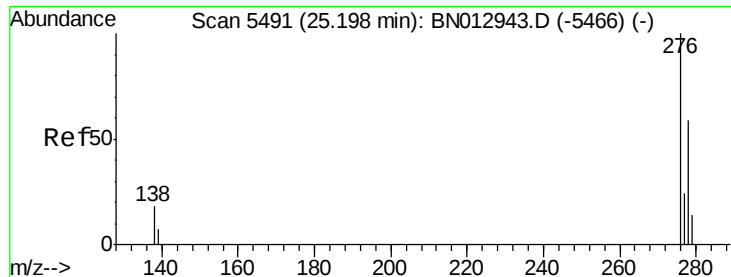
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#23
Benzo(a)pyrene
Concen: 1.372 ng/ul m
RT: 23.04 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN012951.D
Acq: 07 Dec 2020 22:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	26.5	39.7#
125	13.2	14.2	21.2#





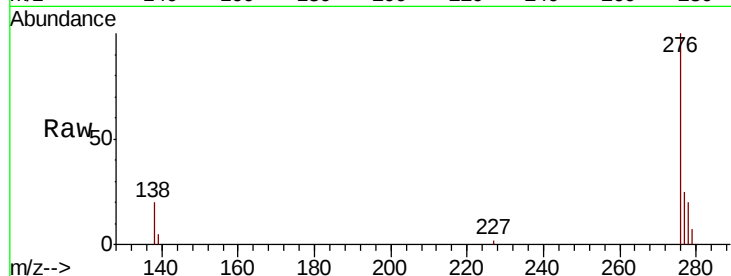
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.656 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012951.D
Acq: 07 Dec 2020 22:19

Instrument :
BNA_N
ClientSampleId :
C0BD0

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.2	24.2
227	0.2	0.0	0.0

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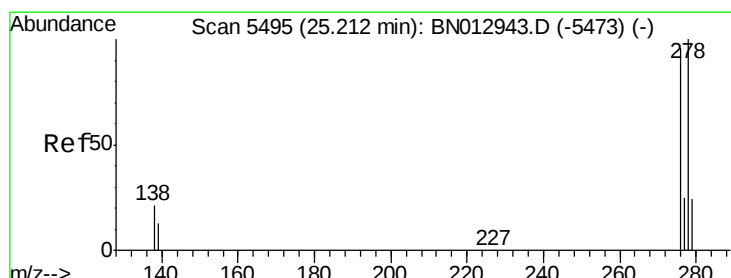
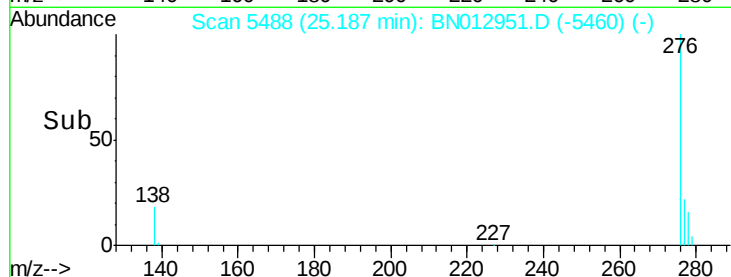
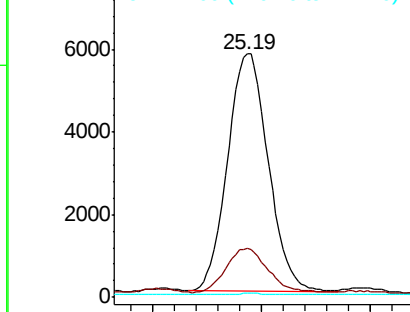


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.191 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012951.D
Acq: 07 Dec 2020 22:19

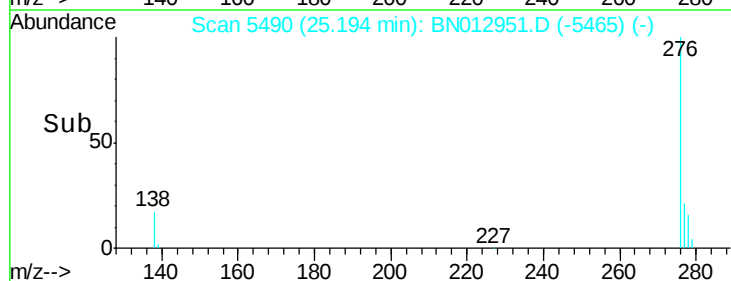
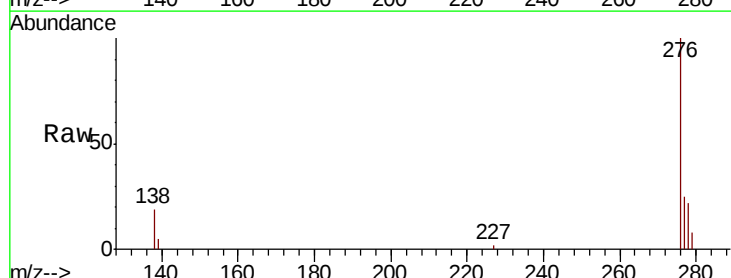
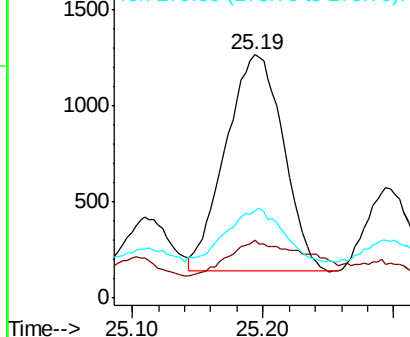
Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	14.5	21.7
279	35.7	26.3	39.5

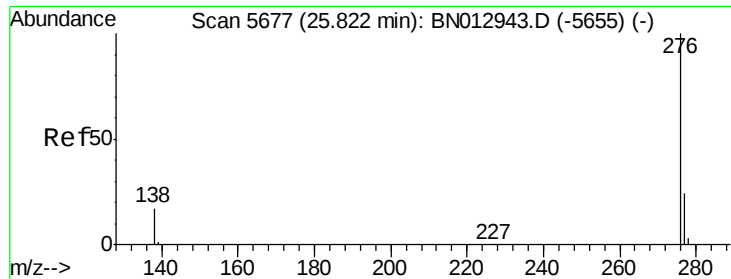
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 0.623 ng/ul
 RT: 25.81 min Scan# 5675
 Delta R.T. -0.01 min
 Lab File: BN012951.D
 Acq: 07 Dec 2020 22:19

Instrument :
 BNA_N
 ClientSampleId :
 C0BD0

Tot Ion:	276	Resp:	12881
Ion Ratio	Lower	Upper	
276	100		
138	20.5	16.3	24.5
277	25.1	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:21:37 PM

