

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012945.D
 Acq On : 07 Dec 2020 18:42
 Operator : CG/JU
 Sample : L4859-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B93

Manual Integrations
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Quant Time: Dec 08 00:30:59 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	886	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	3422	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	1989	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4318	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3980	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4023	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	742	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	1851	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	496	0.050	ng/ul#	80
5) 2-Methylnaphthalene	11.84	142	303	0.047	ng/ul	99
7) Acenaphthylene	13.77	152	709	0.075	ng/ul#	87
8) Acenaphthene	14.12	153	302	0.039	ng/ul#	91
9) Fluorene	15.12	166	349	0.039	ng/ul#	95
12) Phenanthrene	16.85	178	11328	0.782	ng/ul	97
13) Anthracene	16.94	178	1910	0.155	ng/ul	97
15) Fluoranthene	18.88	202	33571	1.951	ng/ul	96
17) Pyrene	19.25	202	31285	1.664	ng/ul	99
18) Benzo(a)anthracene	21.02	228	14969	0.909	ng/ul	98
19) Chrysene	21.07	228	18244	1.003	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	26319m	1.414	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	9227m	0.449	ng/ul	
23) Benzo(a)pyrene	23.04	252	16462	0.953	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.19	276	11423	0.504	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	2764	0.154	ng/ul#	89
26) Benzo(a,h,i)perylene	25.82	276	10249	0.499	ng/ul	97

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

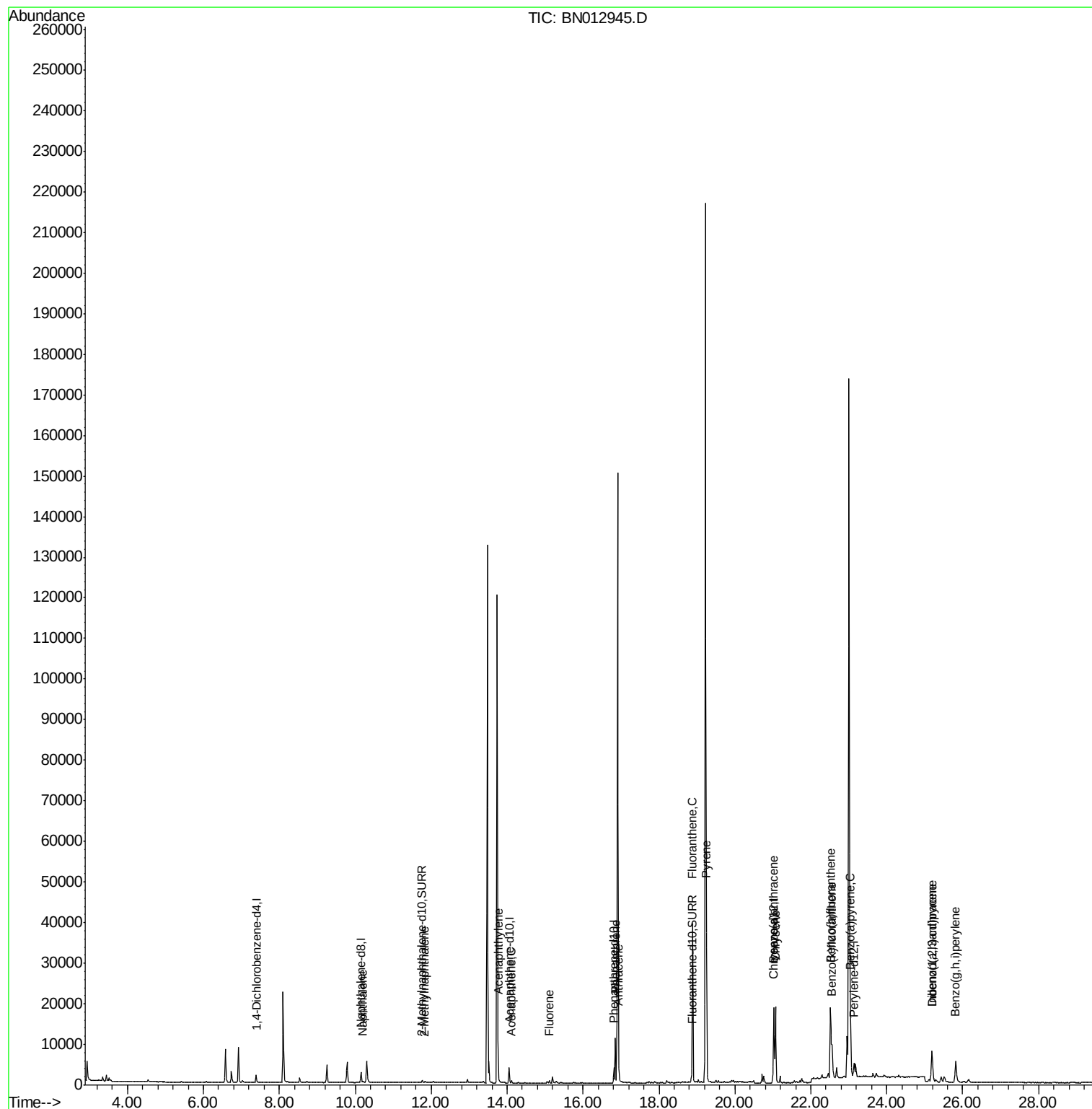
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012945.D
Acq On : 07 Dec 2020 18:42
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ALS Vial : 14 Sample Multiplier: 1

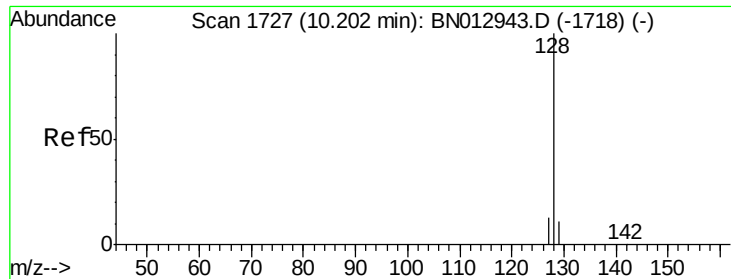
Instrument :
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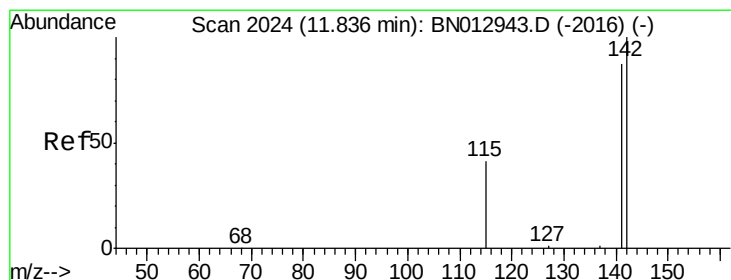
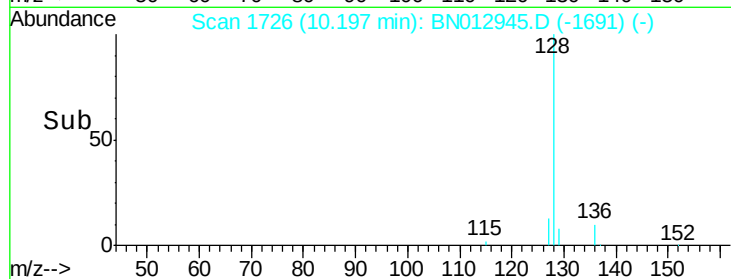
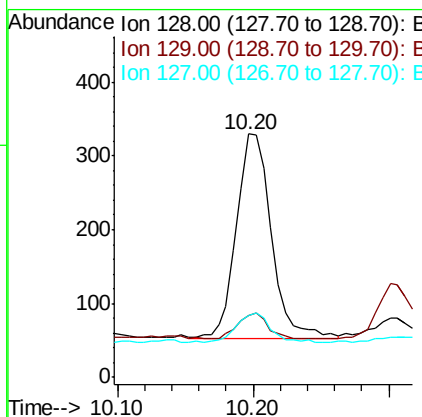
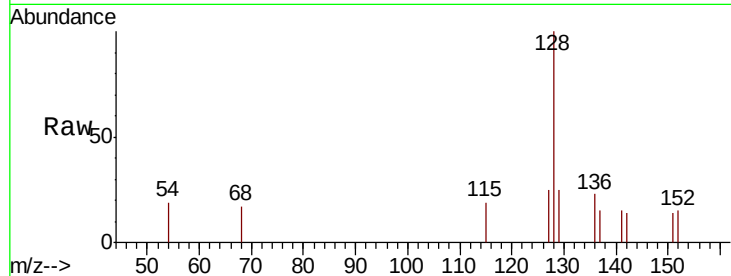
#3
Naphthalene
Concen: 0.050 ng/ul
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012945.D
Acq: 07 Dec 2020 18:42

Instrument :
BNA_N
ClientSampleId :
C0B93

Tot Ion	Ratio	Lower	Upper
128	100		
129	25.2	12.3	18.5#
127	25.2	14.2	21.4#

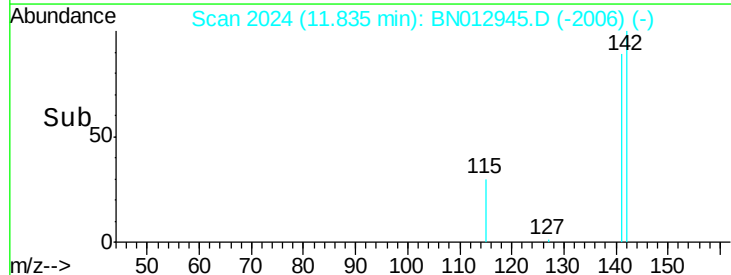
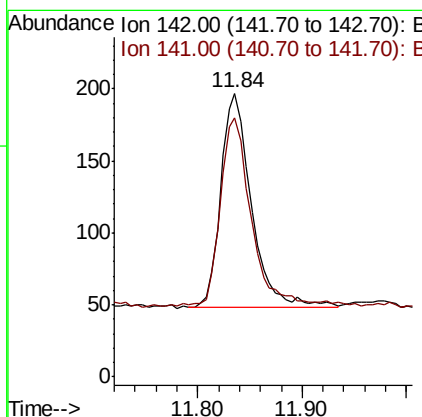
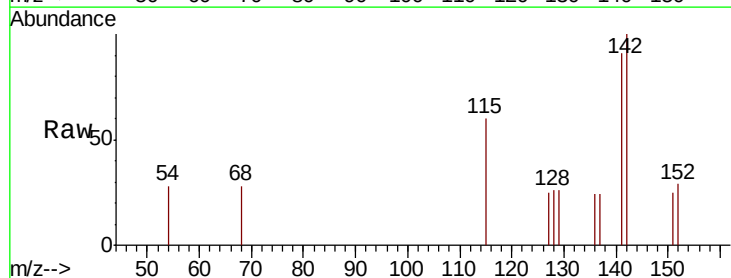
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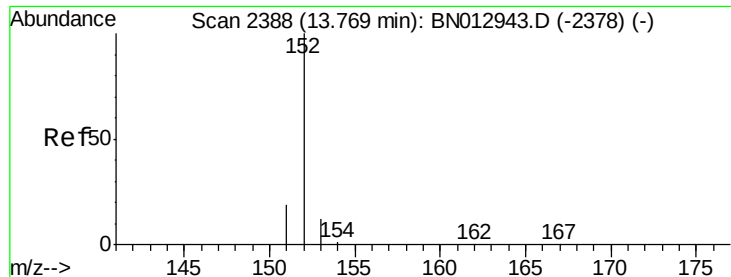
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#5
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.84 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BN012945.D
Acq: 07 Dec 2020 18:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.0	109.6





#7

Acenaphthylene

Concen: 0.075 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BN012945.D

Acq: 07 Dec 2020 18:42

Instrument :

BNA_N

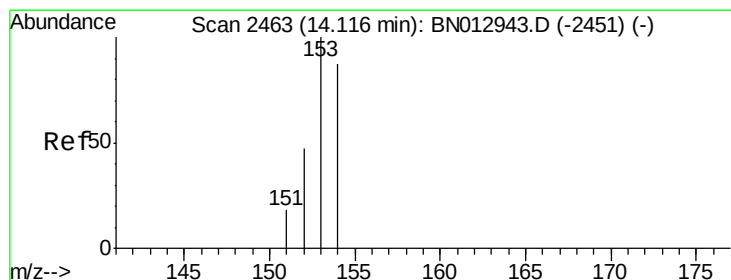
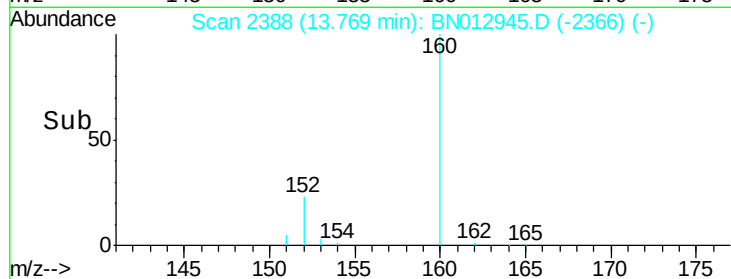
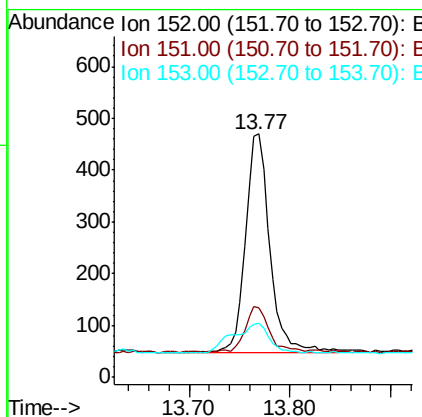
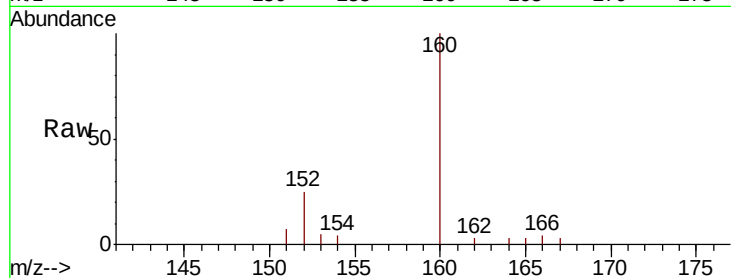
ClientSampleId :

C0B93

Tot Ion:	152	Resp:	709
Ion	Ratio	Lower	Upper
152	100		
151	28.7	18.2	27.4#
153	22.1	13.1	19.7#

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#8

Acenaphthene

Concen: 0.039 ng/ul

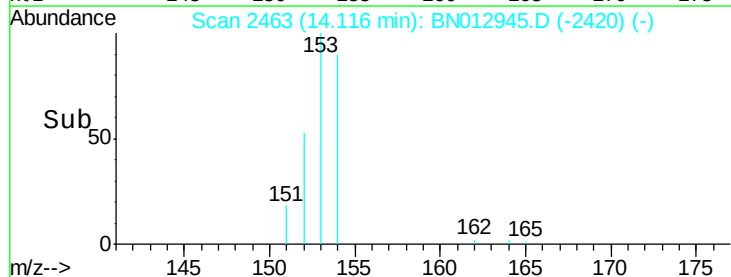
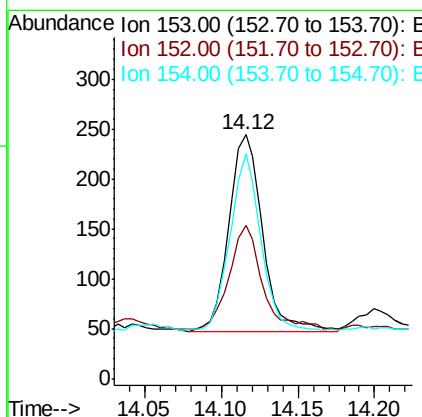
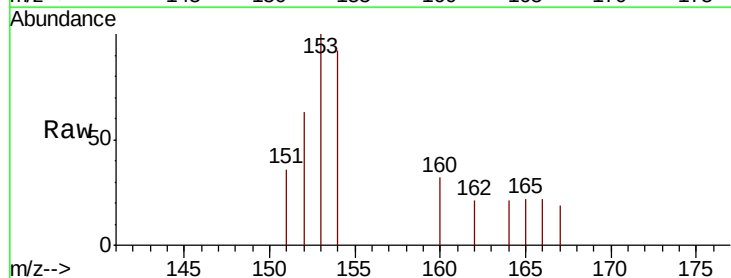
RT: 14.12 min Scan# 2463

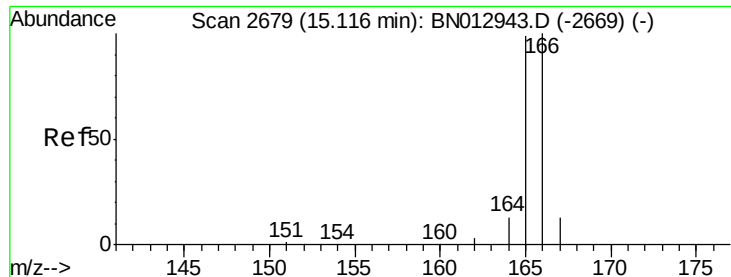
Delta R.T. -0.00 min

Lab File: BN012945.D

Acq: 07 Dec 2020 18:42

Tgt Ion:	153	Resp:	302
Ion	Ratio	Lower	Upper
153	100		
152	63.1	40.7	61.1#
154	92.2	70.8	106.2





#9

Fluorene

Concen: 0.039 ng/ul

RT: 15.12 min Scan# 2679

Delta R.T. -0.00 min

Lab File: BN012945.D

Acq: 07 Dec 2020 18:42

Instrument :

BNA_N

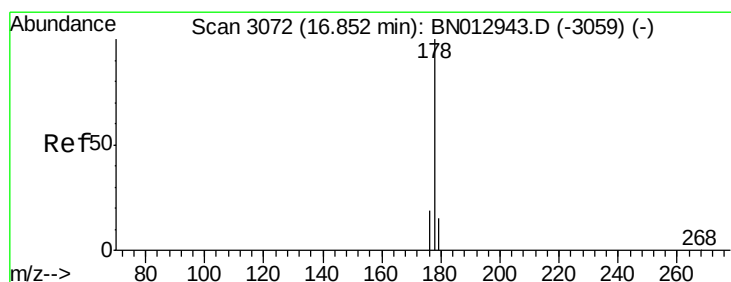
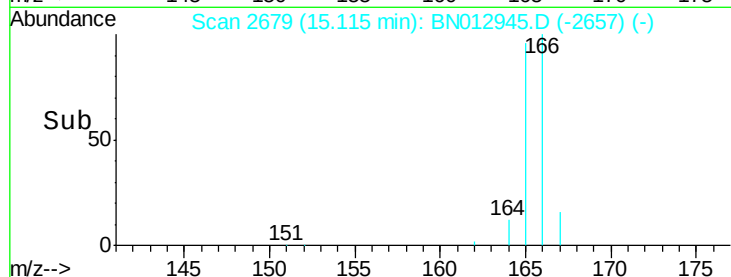
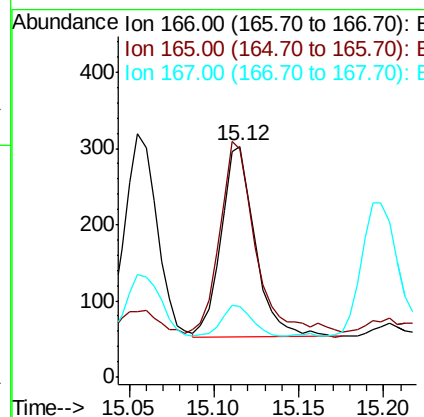
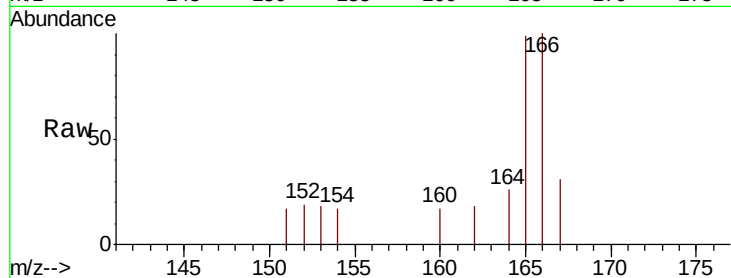
ClientSampleId :

C0B93

Tot Ion:	166	Resp:	349
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.8	119.8
167	30.7	13.8	20.8

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#12

Phenanthrene

Concen: 0.782 ng/ul

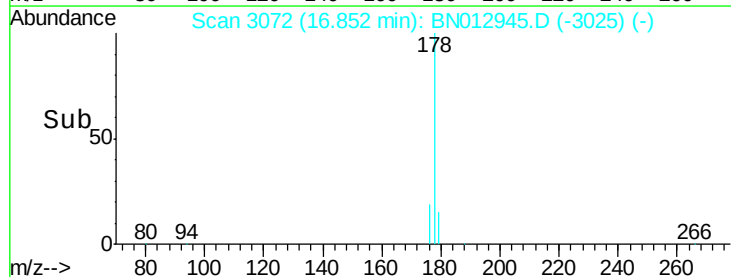
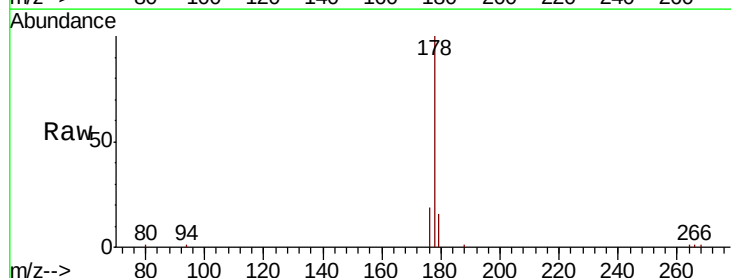
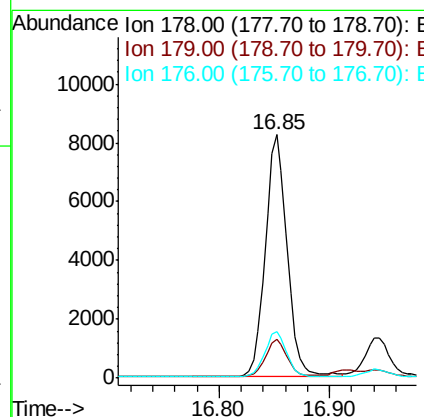
RT: 16.85 min Scan# 3072

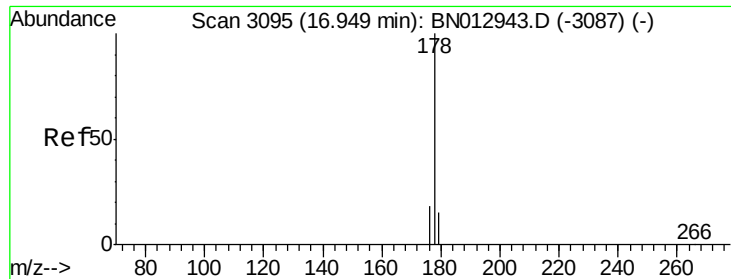
Delta R.T. -0.00 min

Lab File: BN012945.D

Acq: 07 Dec 2020 18:42

Tgt Ion:	178	Resp:	11328
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.6	20.4
176	19.1	16.4	24.6





#13

Anthracene

Concen: 0.155 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN012945.D

Acq: 07 Dec 2020 18:42

Instrument :

BNA_N

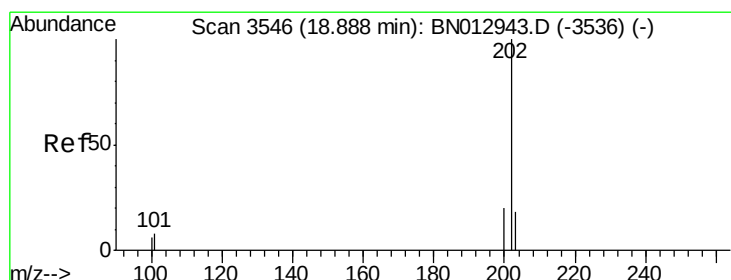
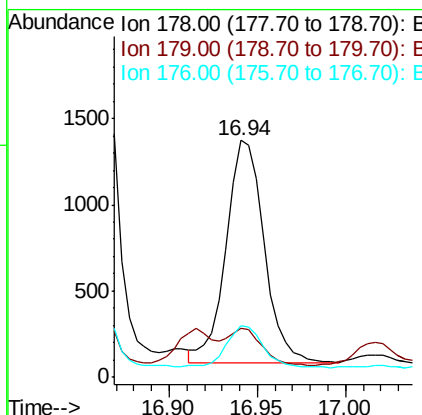
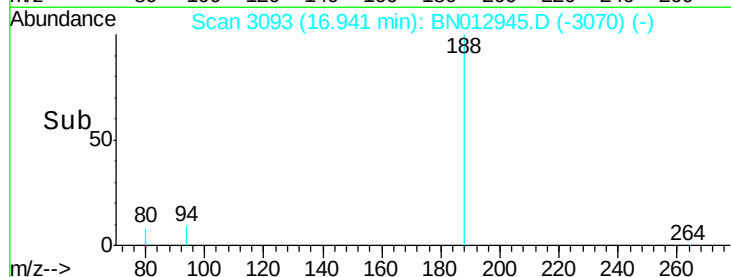
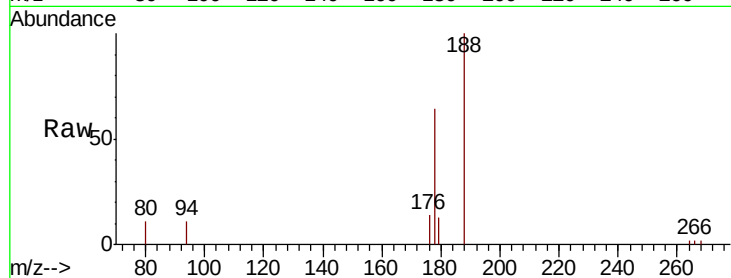
ClientSampleId :

C0B93

Tot Ion:178	Resp:	1910
Ion Ratio	Lower	Upper
178	100	
179	20.8	14.6 21.8
176	21.9	17.1 25.7

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#15

Fluoranthene

Concen: 1.951 ng/ul

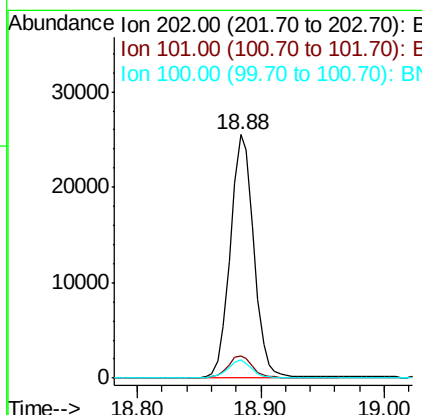
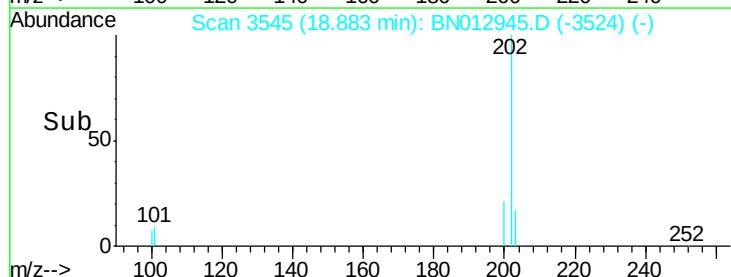
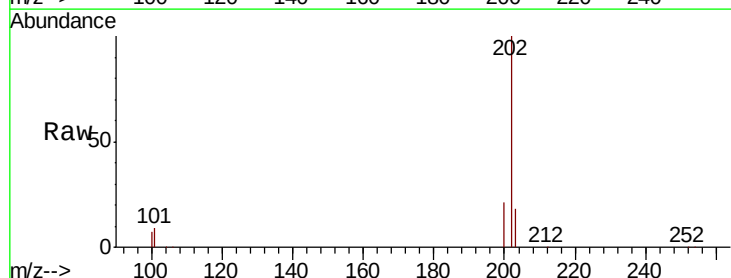
RT: 18.88 min Scan# 3545

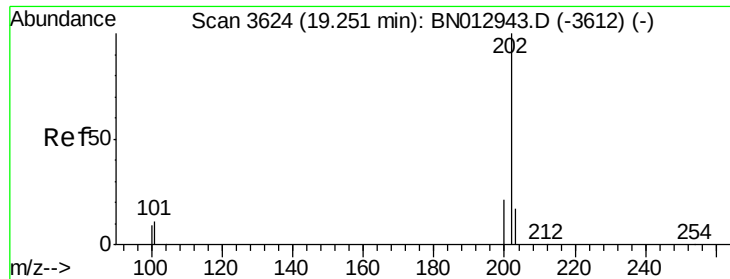
Delta R.T. -0.00 min

Lab File: BN012945.D

Acq: 07 Dec 2020 18:42

Tgt Ion:202	Resp:	33571
Ion Ratio	Lower	Upper
202	100	
101	9.2	0.0 30.6
100	7.4	0.0 28.7





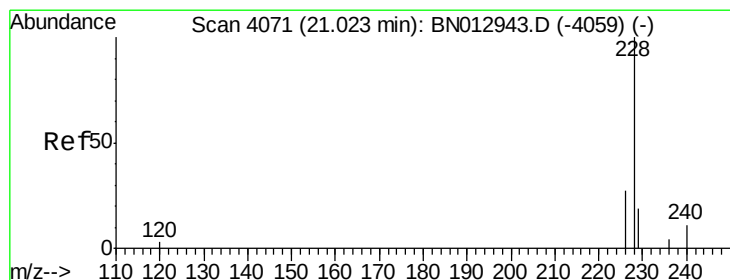
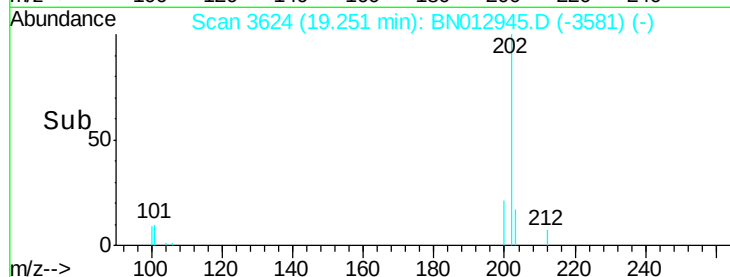
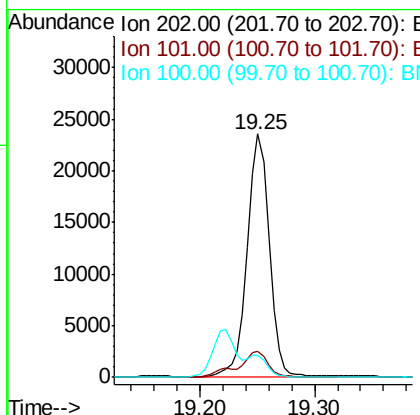
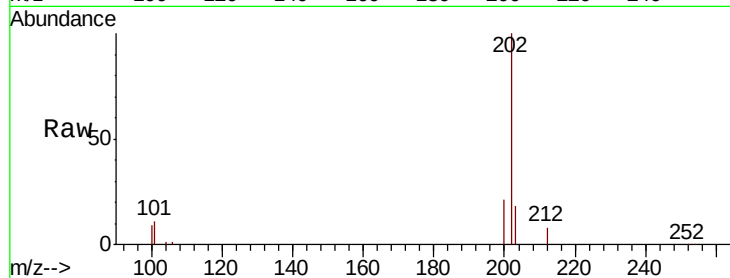
#17
Pvrene
Concen: 1.664 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.00 min
Lab File: BN012945.D
Acq: 07 Dec 2020 18:42

Instrument :
BNA_N
ClientSampleId :
C0B93

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.1	13.7
100	9.2	7.5	11.3

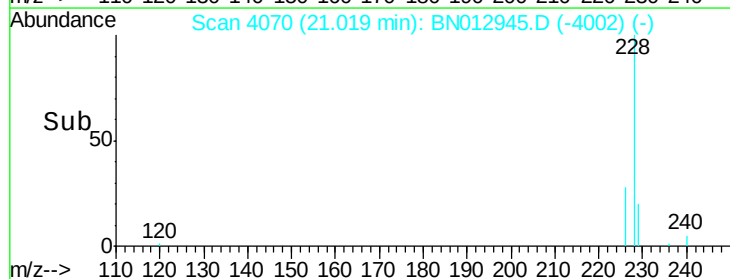
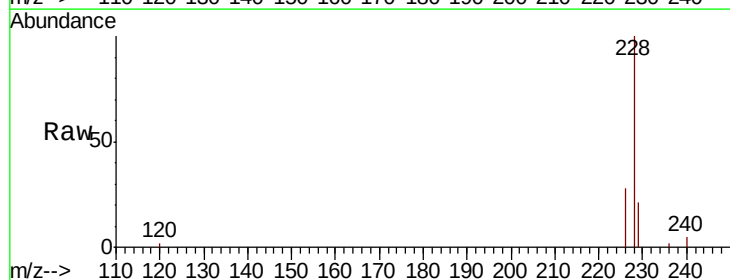
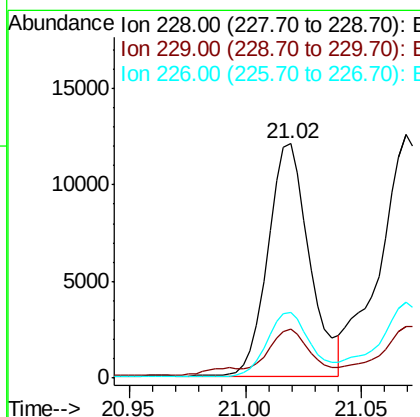
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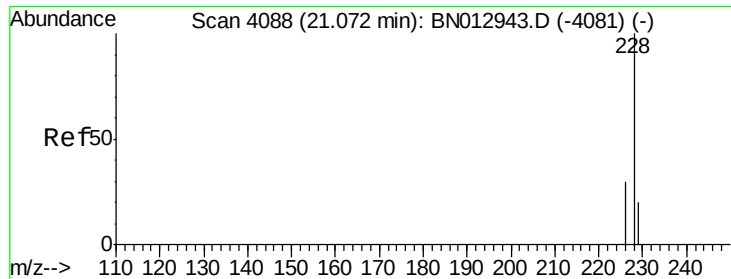
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#18
Benzo(a)anthracene
Concen: 0.909 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012945.D
Acq: 07 Dec 2020 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.3	24.5
226	28.1	23.4	35.2





#19

Chrysene

Concen: 1.003 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012945.D

Acq: 07 Dec 2020 18:42

Instrument :

BNA_N

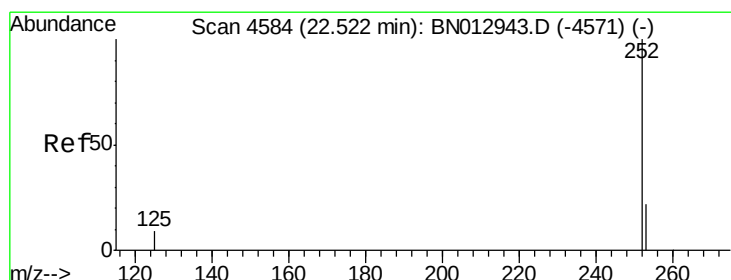
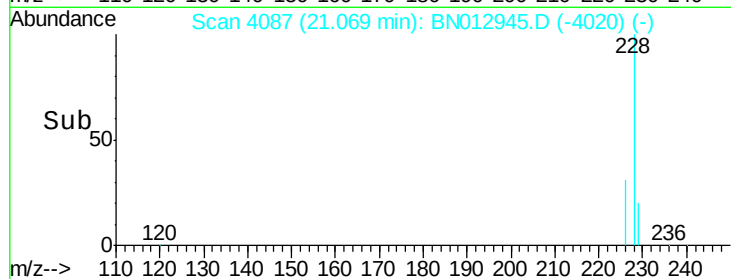
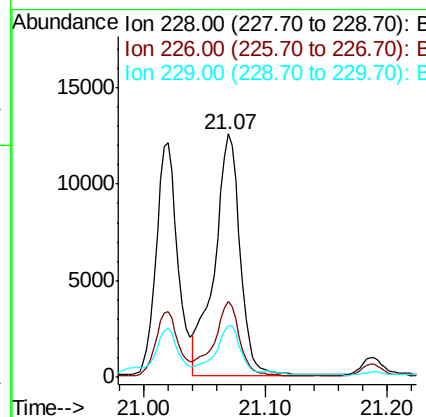
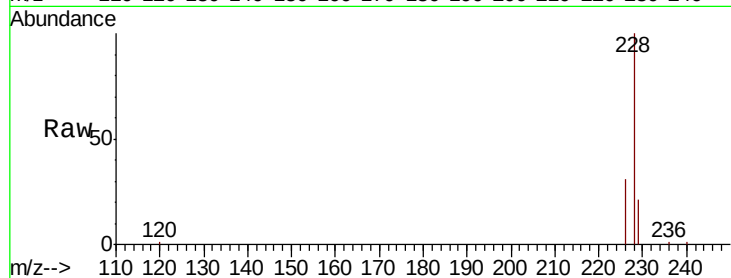
ClientSampleId :

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Tot Ion:	228	Resp:	18244
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	21.0	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 1.414 ng/ul m

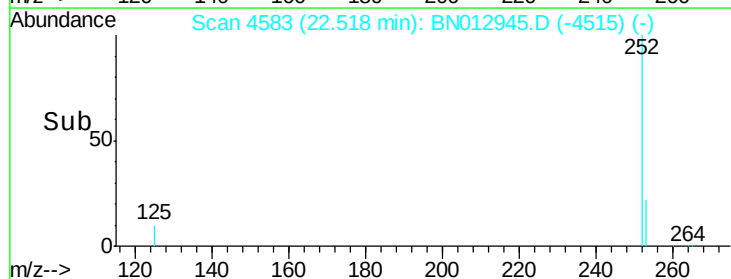
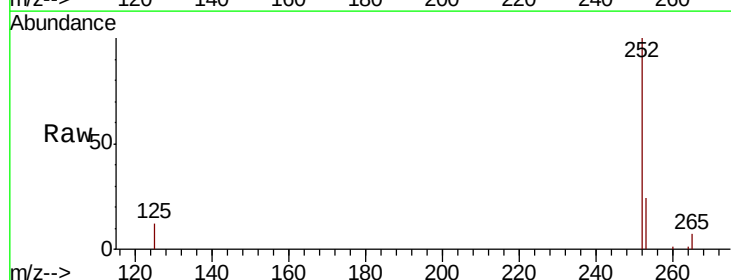
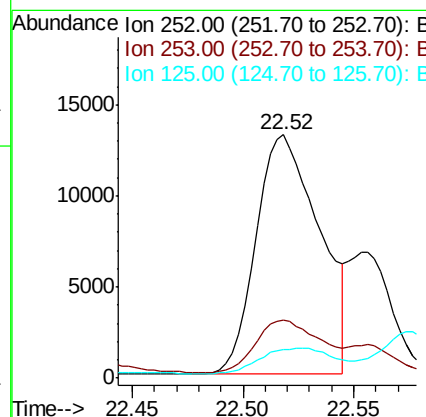
RT: 22.52 min Scan# 4583

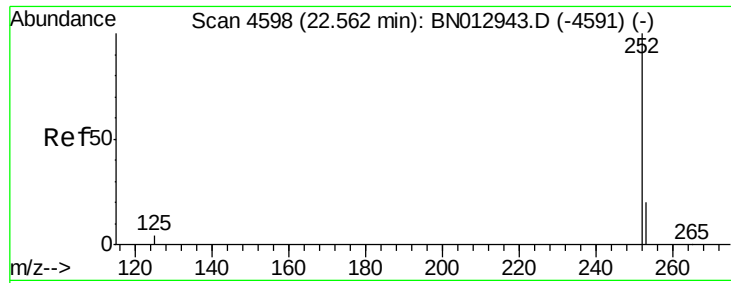
Delta R.T. -0.00 min

Lab File: BN012945.D

Acq: 07 Dec 2020 18:42

Tgt Ion:	252	Resp:	26319
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	59.6
125	11.7	0.0	26.0





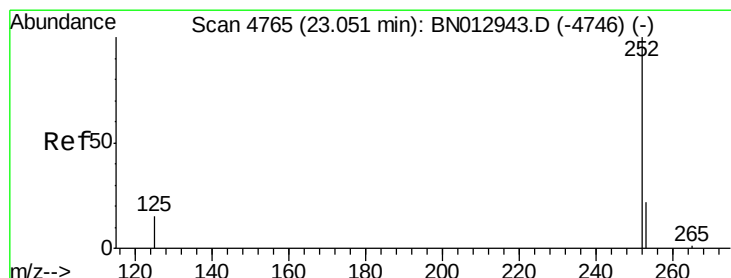
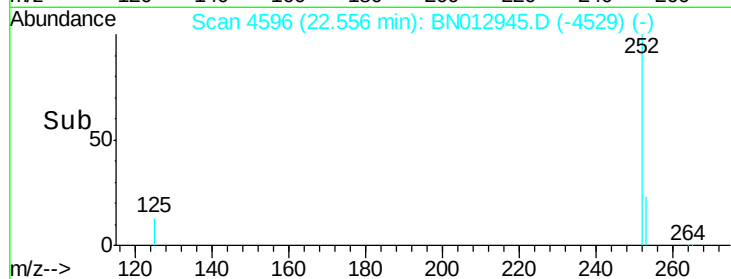
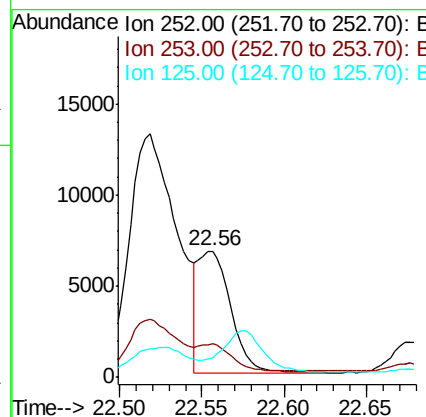
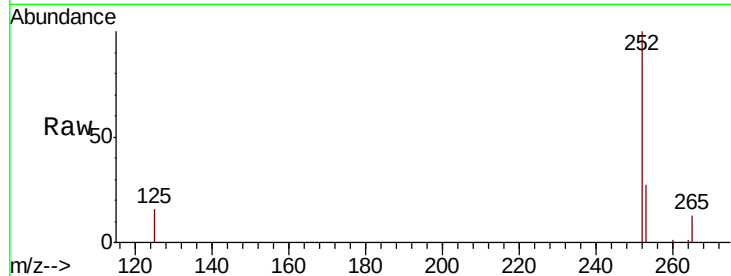
#22
Benzo(k)fluoranthene
Concen: 0.449 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012945.D
Acq: 07 Dec 2020 18:42

Instrument :
BNA_N
ClientSampleId :
C0B93

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	23.4	35.2
125	15.6	11.1	16.7

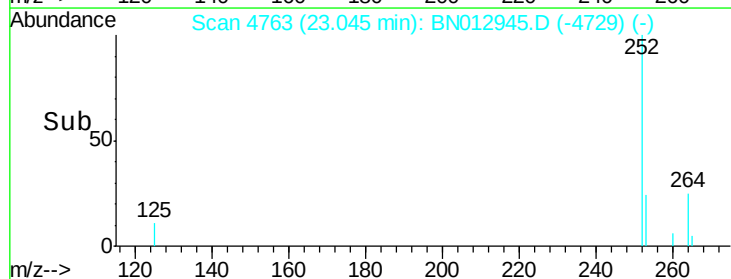
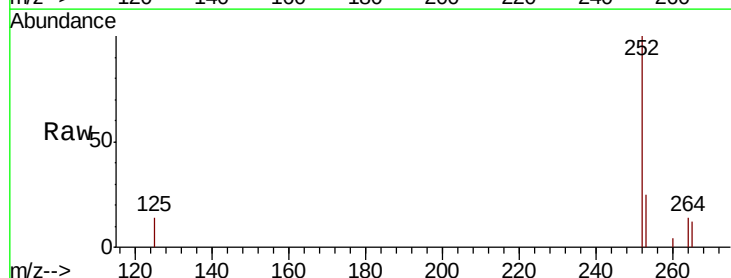
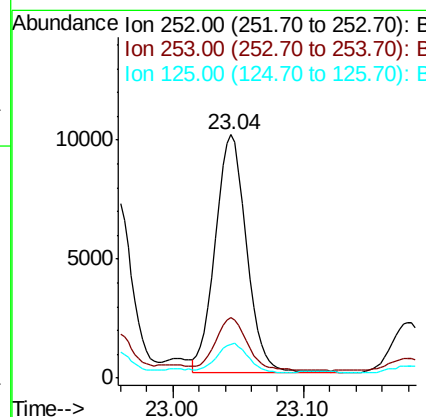
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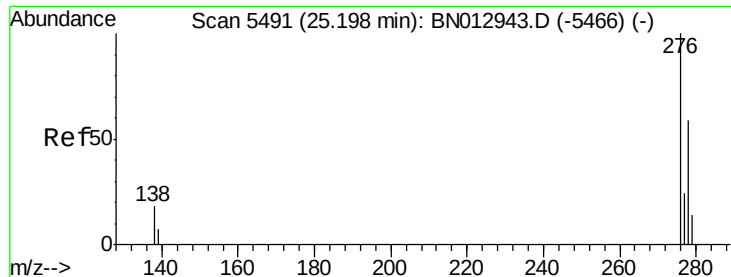
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#23
Benzo(a)pyrene
Concen: 0.953 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN012945.D
Acq: 07 Dec 2020 18:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	26.5	39.7#
125	14.1	14.2	21.2#





#24

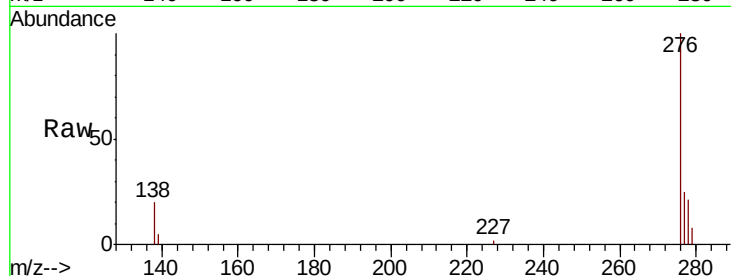
Indeno(1,2,3-cd)pyrene
Concen: 0.504 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012945.D
Acq: 07 Dec 2020 18:42

Instrument :
BNA_N
ClientSampleId :
C0B93

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.2	24.2
227	0.0	0.0	0.0#

Manual Integrations
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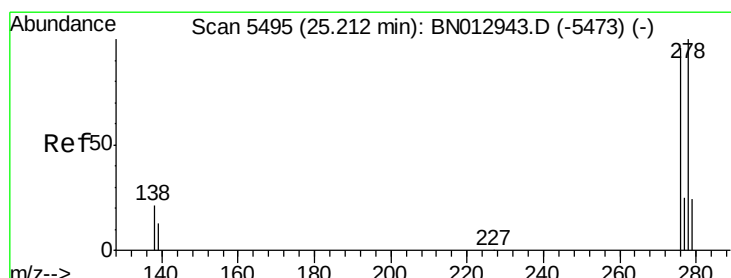
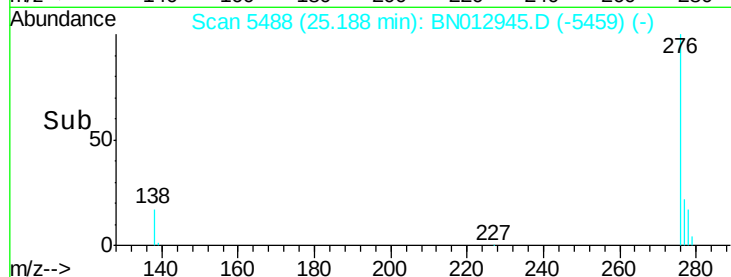
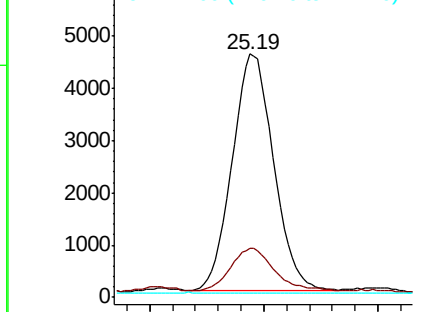


Abundance

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: 0.154 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.01 min
Lab File: BN012945.D
Acq: 07 Dec 2020 18:42

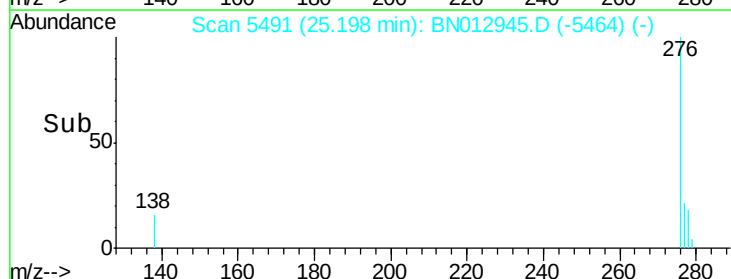
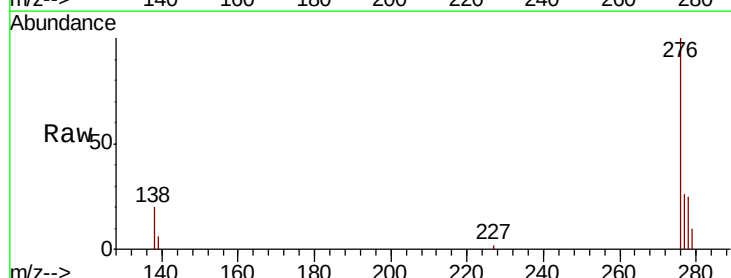
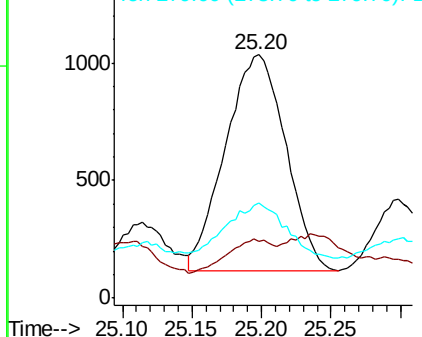
Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	14.5	21.7#
279	38.8	26.3	39.5

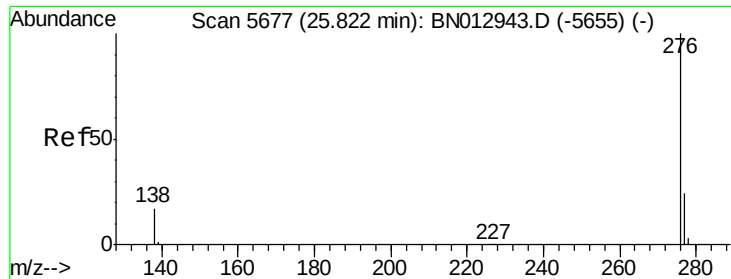
Abundance

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: 0.499 ng/ul

RT: 25.82 min Scan# 5675

Delta R.T. -0.01 min

Lab File: BN012945.D

Acq: 07 Dec 2020 18:42

Instrument :

BNA_N

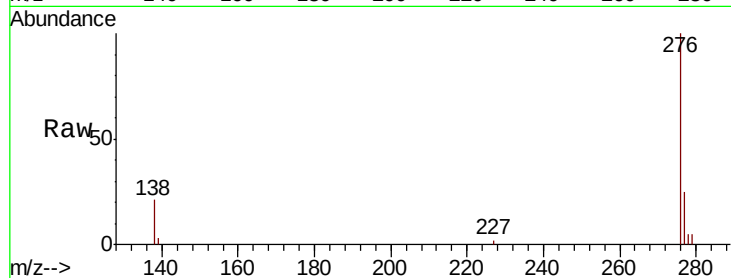
ClientSampleId :

C0B93

Tot Ion:	276	Resp:	10249
Ion Ratio	Lower	Upper	
276	100		
138	20.8	16.3	24.5
277	25.1	21.8	32.6

Manual Integrations
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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

