

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
 Data File : BN013095.D
 Acq On : 12 Dec 2020 17:22
 Operator : CG/JU
 Sample : L5063-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD6

Manual Integrations
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Quant Time: Dec 14 01:20:04 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 14 00:25:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	774	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.13	136	3630	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.02	164	12839	0.40	ng/ul	-0.02
10) Phenanthrene-d10	16.80	188	4950	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	9654	0.40	ng/ul	0.01
20) Perylene-d12	23.16	264	5357	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	3349	0.62	ng/ul	-0.03
14) Fluoranthene-d10	18.85	212	6494	0.48	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	157669	15.011	ng/ul	95
5) 2-Methylnaphthalene	11.81	142	803513	116.451	ng/ul	98
7) Acenaphthylene	13.76	152	42930	0.706	ng/ul#	1
8) Acenaphthene	14.10	153	74917	1.503	ng/ul	95
9) Fluorene	15.10	166	143341	2.506	ng/ul#	91
12) Phenanthrene	16.85	178	1825290	109.979	ng/ul	98
13) Anthracene	16.94	178	148944m	10.545	ng/ul	
15) Fluoranthene	18.88	202	255132	12.936	ng/ul	92
17) Pyrene	19.25	202	1523705	33.415	ng/ul	98
18) Benzo(a)anthracene	21.02	228	175479	4.393	ng/ul#	43
19) Chrysene	21.07	228	231631m	5.249	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	106143m	4.283	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	12602m	0.460	ng/ul	
23) Benzo(a)pyrene	23.07	252	91935	3.998	ng/ul#	47
24) Indeno(1,2,3-cd)pyrene	25.22	276	28544	0.945	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.22	278	15413	0.645	ng/ul#	1
26) Benzo(a,h,i)perylene	25.86	276	51733	1.893	ng/ul#	71

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

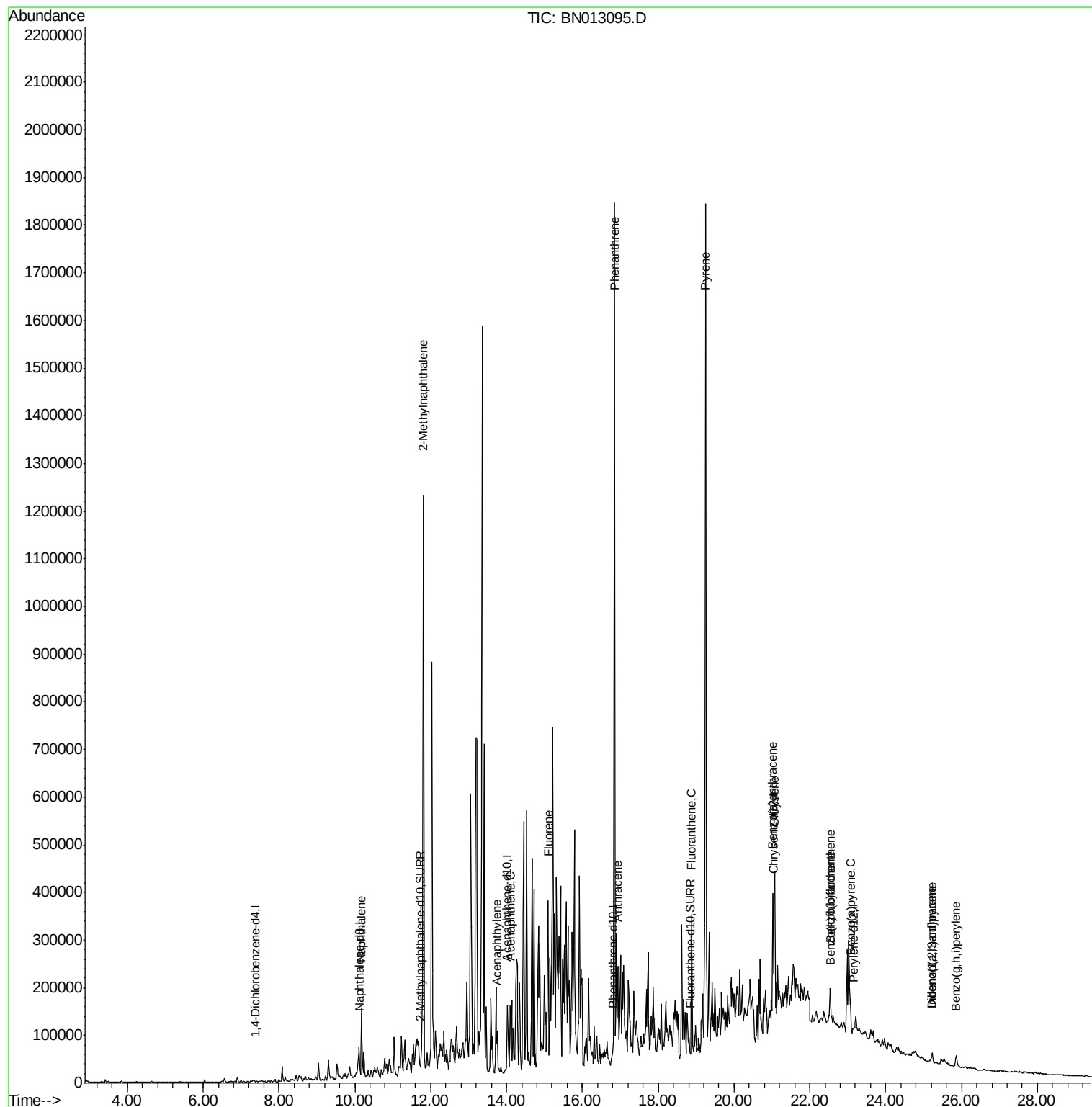
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
Data File : BN013095.D
Acq On : 12 Dec 2020 17:22
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Sample : L5063-04
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ALS Vial : 6 Sample Multiplier: 1

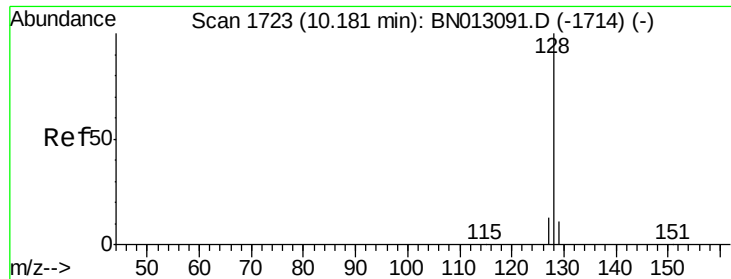
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 14 01:20:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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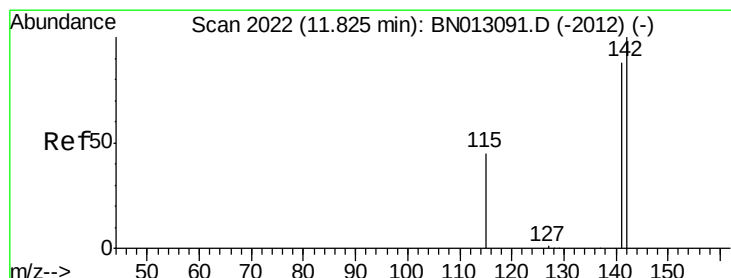
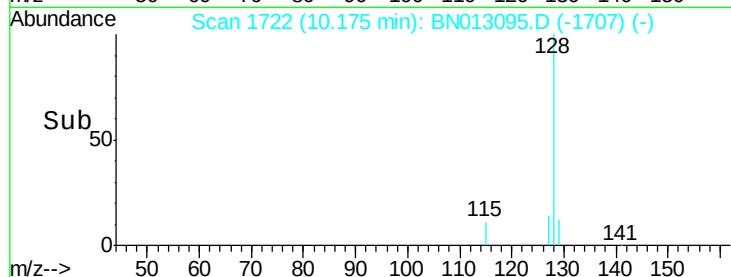
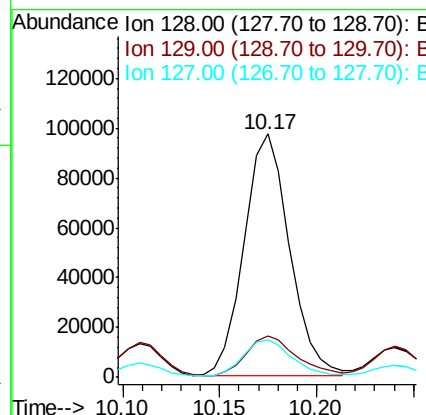
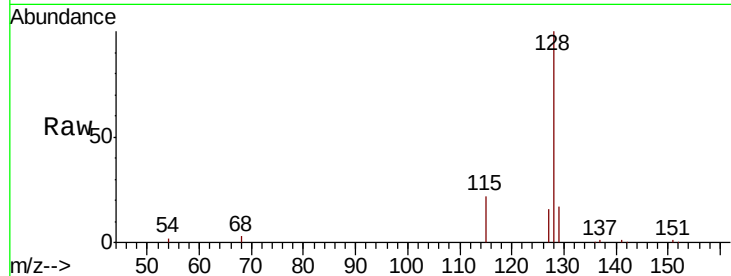
#3
Naphthalene
Concen: 15.011 ng/ul
RT: 10.17 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BN013095.D
Acq: 12 Dec 2020 17:22

Instrument :
BNA_N
ClientSampleId :
C0AD6

Tot Ion	Ratio	Lower	Upper
128	100		
129	17.1	12.3	18.5
127	15.6	14.2	21.4

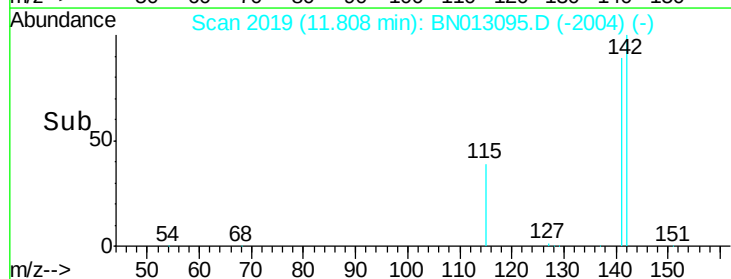
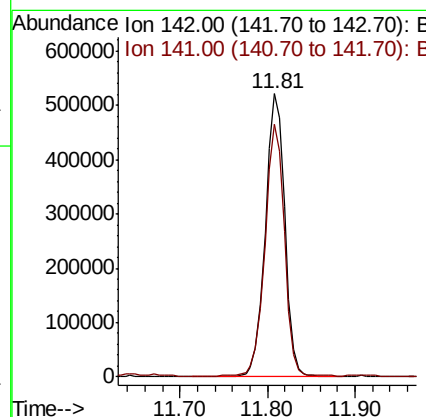
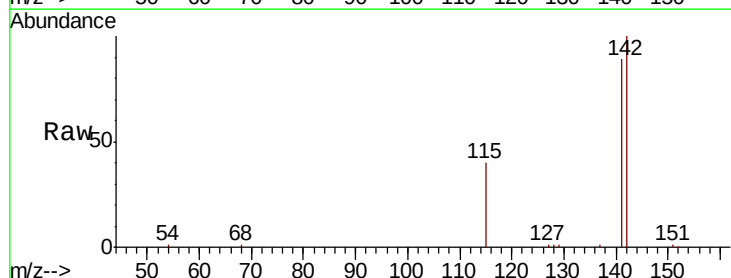
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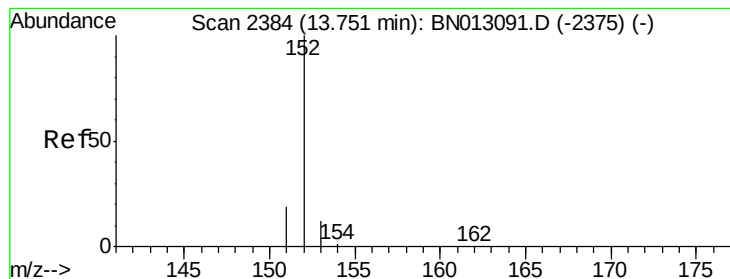
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#5
2-Methylnaphthalene
Concen: 116.451 ng/ul
RT: 11.81 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BN013095.D
Acq: 12 Dec 2020 17:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.0	109.6





#7

Acenaphthylene

Concen: 0.706 ng/ul

RT: 13.76 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BN013095.D

Acq: 12 Dec 2020 17:22

Instrument :

BNA_N

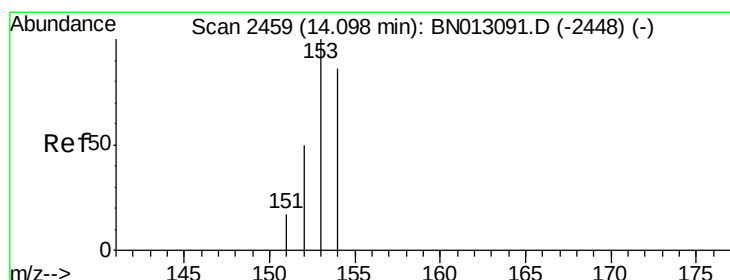
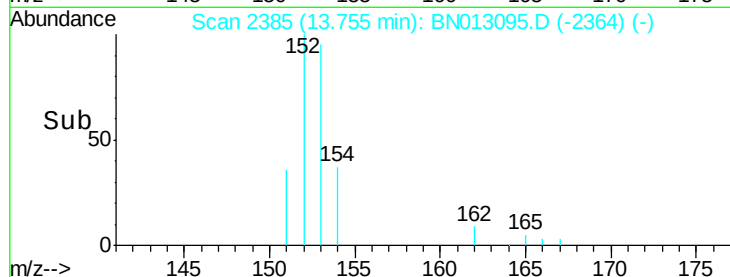
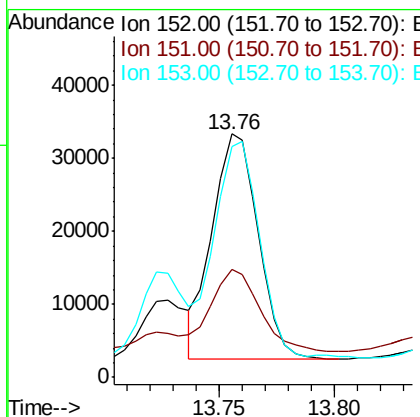
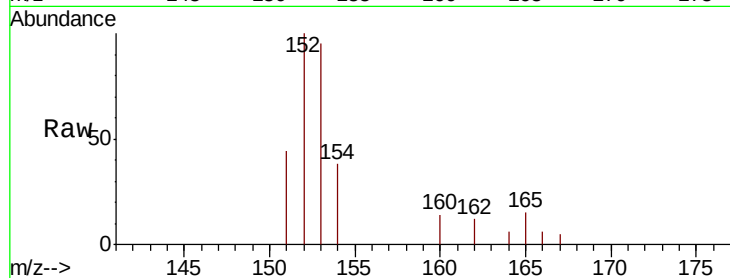
ClientSampleId :

C0AD6

Tot Ion:	152	Resp:	42930
Ion Ratio	Lower	Upper	
152	100		
151	44.1	18.2	27.4#
153	95.0	13.1	19.7#

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#8

Acenaphthene

Concen: 1.503 ng/ul

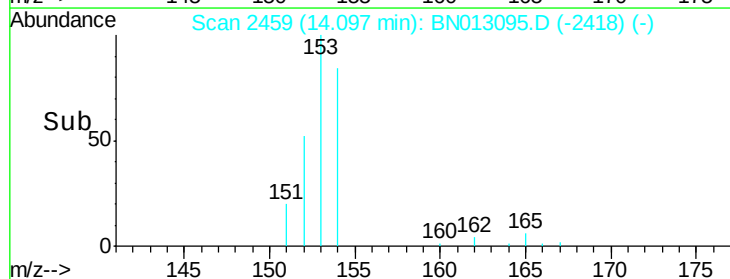
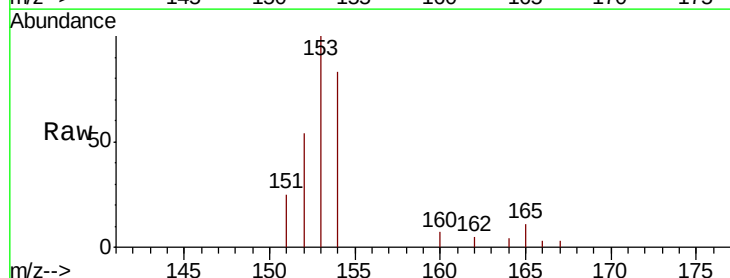
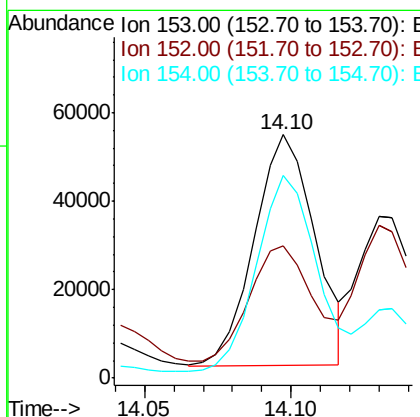
RT: 14.10 min Scan# 2459

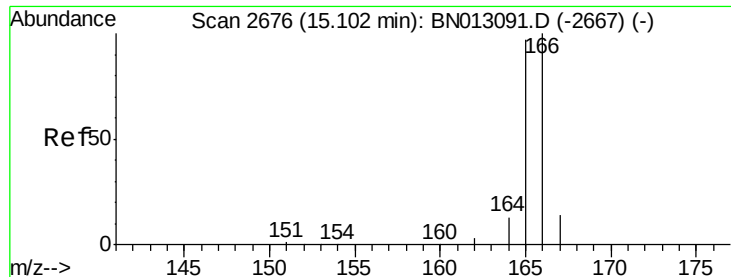
Delta R.T. -0.01 min

Lab File: BN013095.D

Acq: 12 Dec 2020 17:22

Tgt Ion:	153	Resp:	74917
Ion Ratio	Lower	Upper	
153	100		
152	54.1	40.7	61.1
154	83.1	70.8	106.2





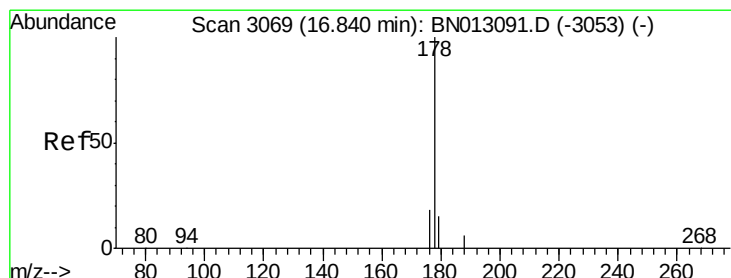
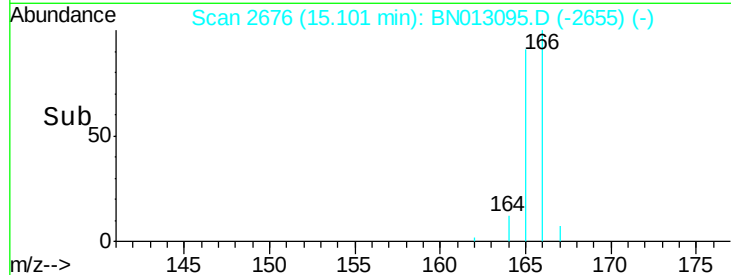
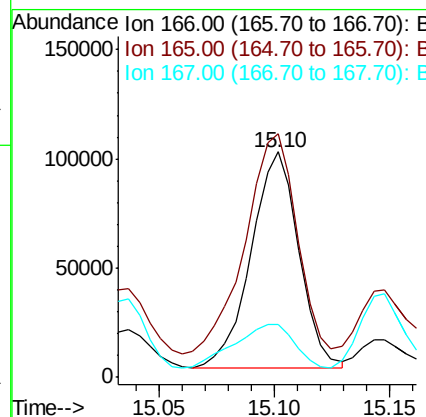
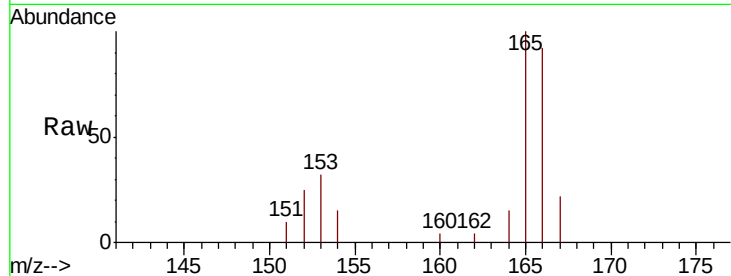
#9
Fluorene
 Concen: 2.506 ng/ul
 RT: 15.10 min Scan# 2676
 Delta R.T. -0.00 min
 Lab File: BN013095.D
 Acq: 12 Dec 2020 17:22

Instrument :
 BNA_N
 ClientSampleId :
 C0AD6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	108.2	79.8	119.8		
167	23.5	13.8	20.8		

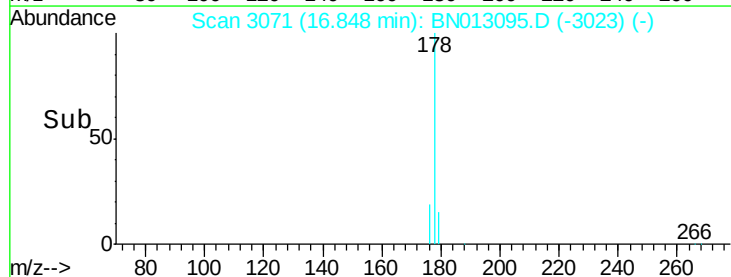
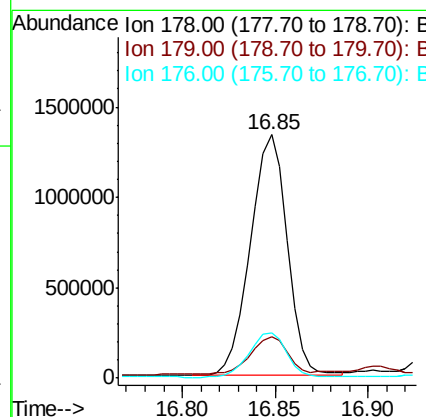
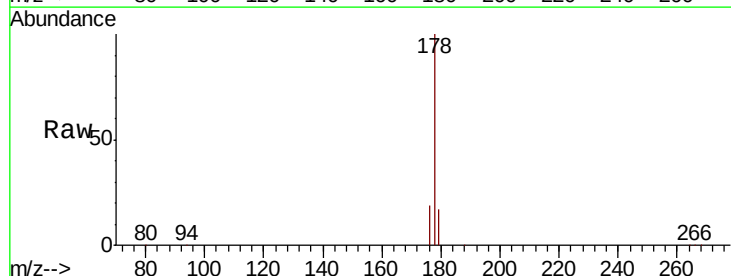
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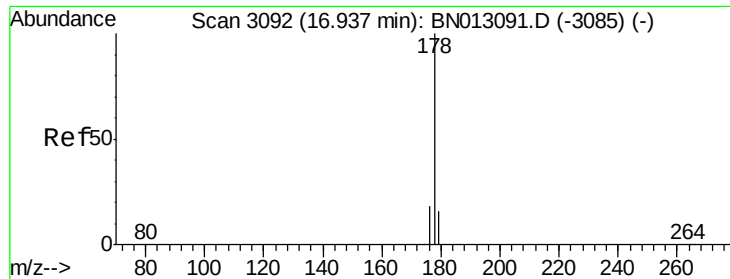
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#12
Phenanthrene
 Concen: 109.979 ng/ul
 RT: 16.85 min Scan# 3071
 Delta R.T. 0.00 min
 Lab File: BN013095.D
 Acq: 12 Dec 2020 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	17.1	13.6	20.4		
176	18.8	16.4	24.6		





#13

Anthracene

Concen: 10.545 ng/ul m

RT: 16.94 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BN013095.D

Acq: 12 Dec 2020 17:22

Instrument :

BNA_N

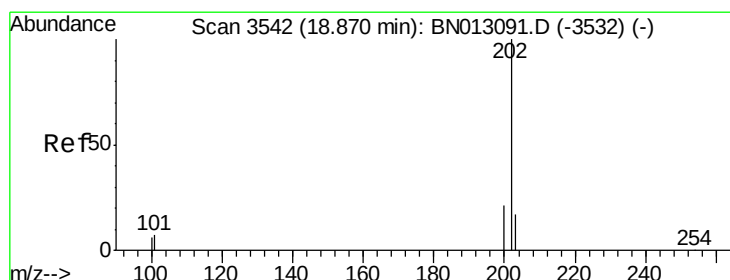
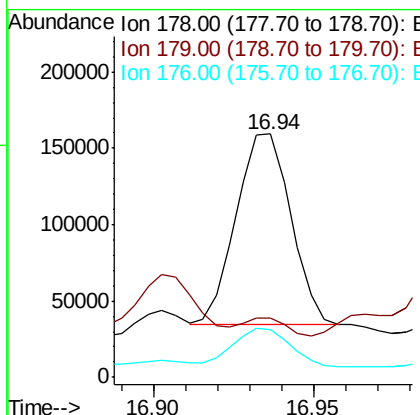
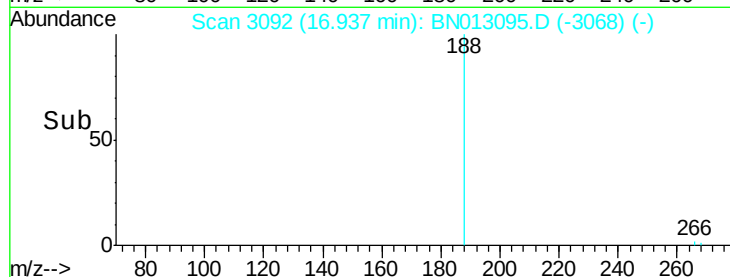
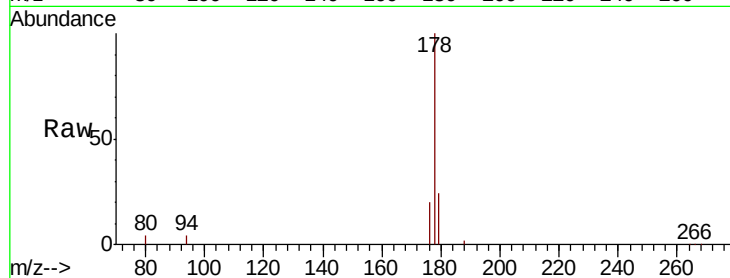
ClientSampleId :

C0AD6

Tot Ion	Ratio	Lower	Upper
178	100		
179	24.2	14.6	21.8#
176	19.6	17.1	25.7

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#15

Fluoranthene

Concen: 12.936 ng/ul

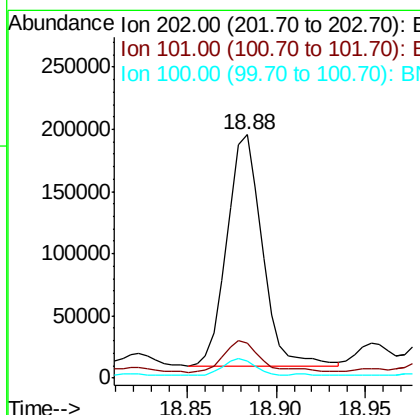
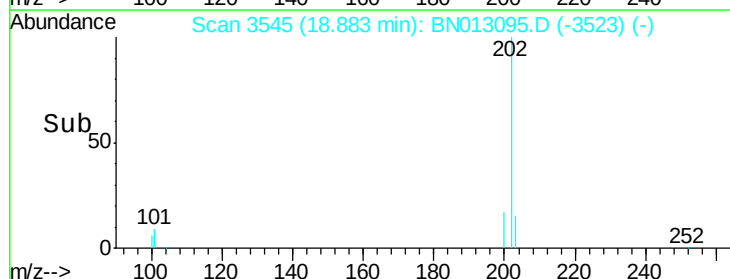
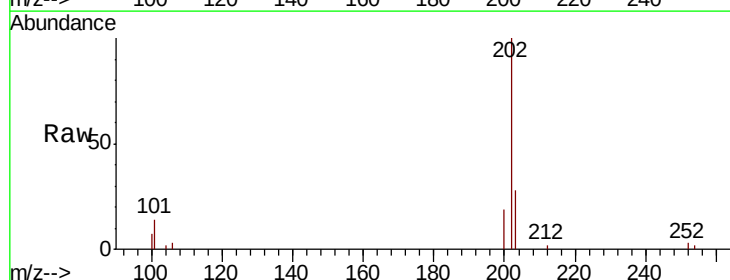
RT: 18.88 min Scan# 3545

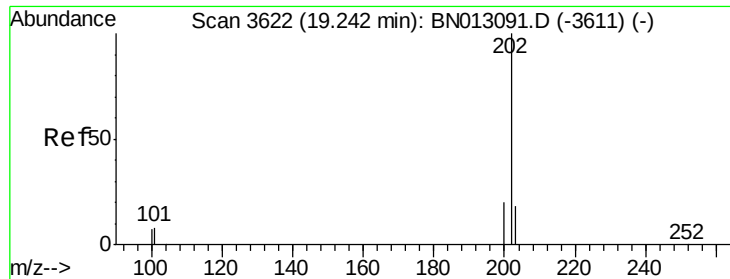
Delta R.T. 0.00 min

Lab File: BN013095.D

Acq: 12 Dec 2020 17:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	30.6
100	7.1	0.0	28.7





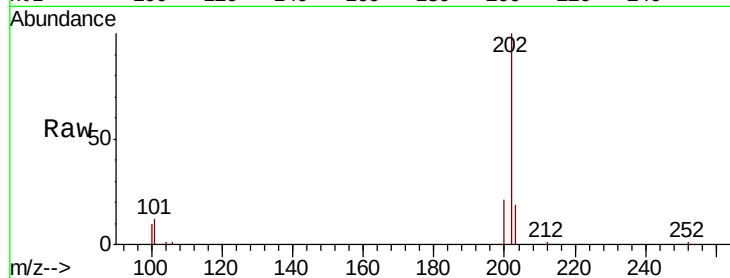
#17
Pvrene
Concen: 33.415 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. 0.00 min
Lab File: BN013095.D
Acq: 12 Dec 2020 17:22

Instrument :
BNA_N
ClientSampled :
C0AD6

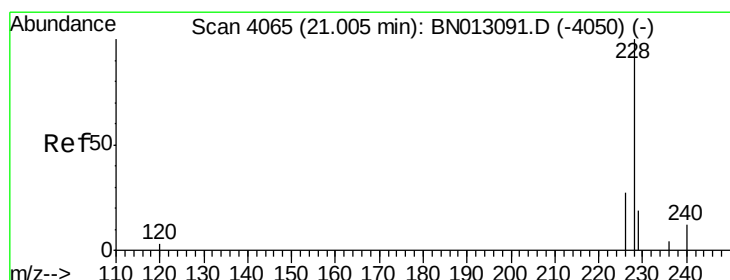
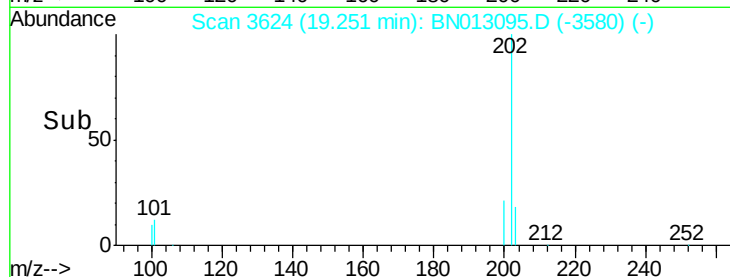
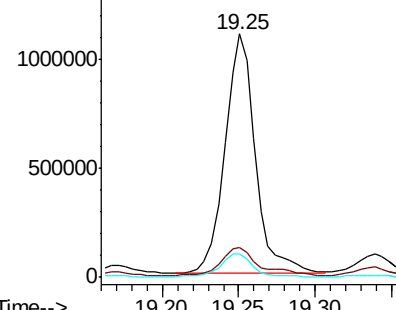
Tot Ion:202 Resp: 1523705
Ion Ratio Lower Upper
202 100
101 12.4 9.1 13.7
100 9.8 7.5 11.3

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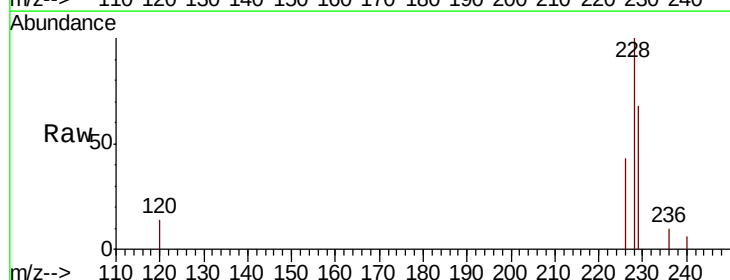


Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

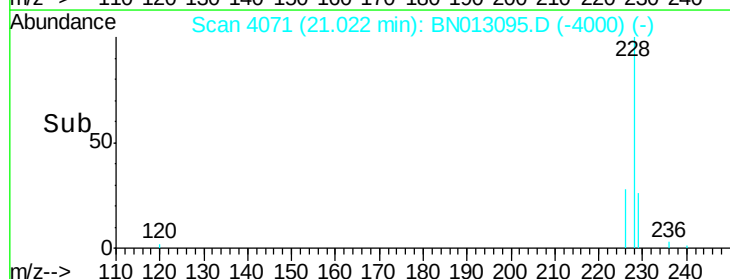
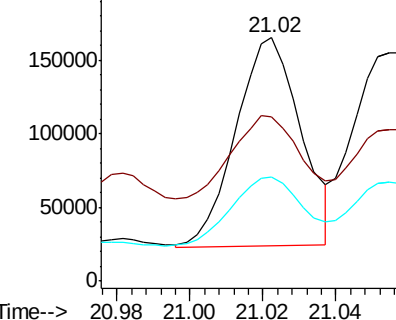


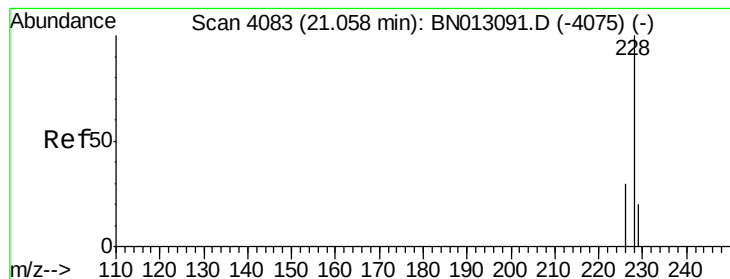
#18
Benzo(a)anthracene
Concen: 4.393 ng/ul
RT: 21.02 min Scan# 4071
Delta R.T. 0.01 min
Lab File: BN013095.D
Acq: 12 Dec 2020 17:22

Tgt Ion:228 Resp: 175479
Ion Ratio Lower Upper
228 100
229 67.5 16.3 24.5#
226 42.9 23.4 35.2#



Abundance Ion 228.00 (227.70 to 228.70): E
200000 Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 5.249 ng/ul m

RT: 21.07 min Scan# 4089

Delta R.T. 0.01 min

Lab File: BN013095.D

Acq: 12 Dec 2020 17:22

Instrument :

BNA_N

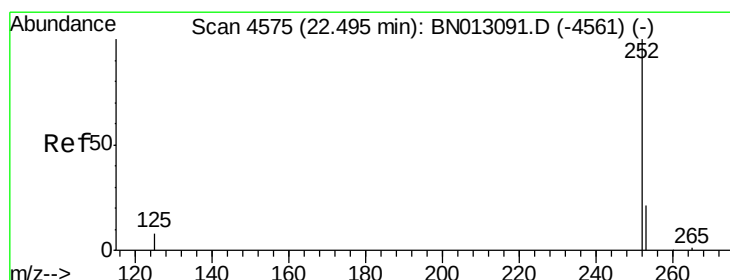
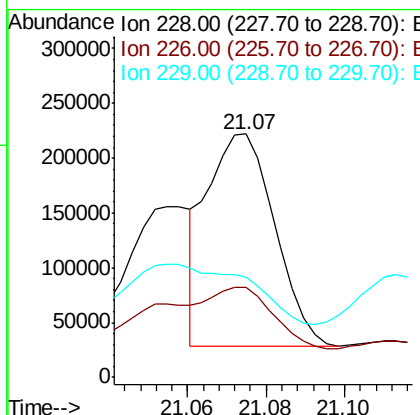
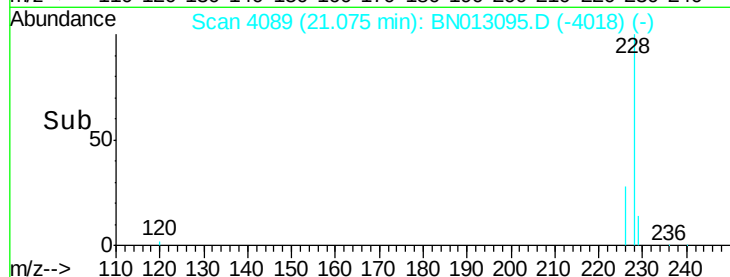
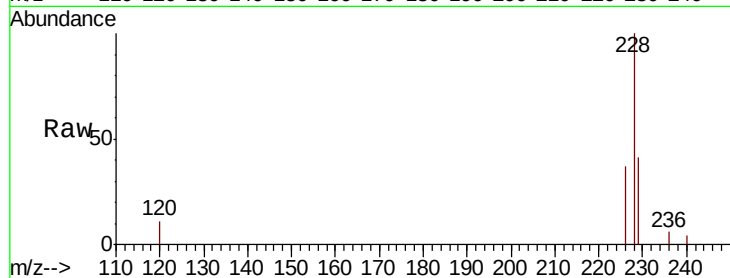
ClientSampled :

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Tot Ion:	228	Resp:	231631
Ion Ratio	Lower	Upper	
228	100		
226	36.8	25.0	37.6
229	41.1	16.4	24.6#

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#21

Benzo(b)fluoranthene

Concen: 4.283 ng/ul m

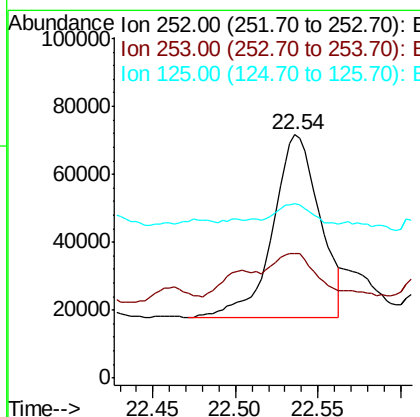
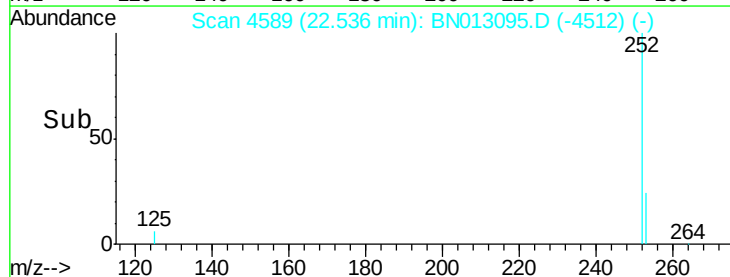
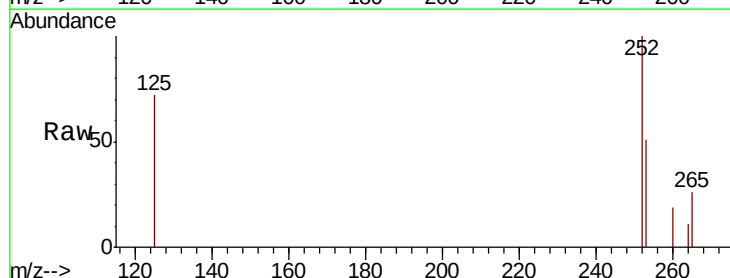
RT: 22.54 min Scan# 4589

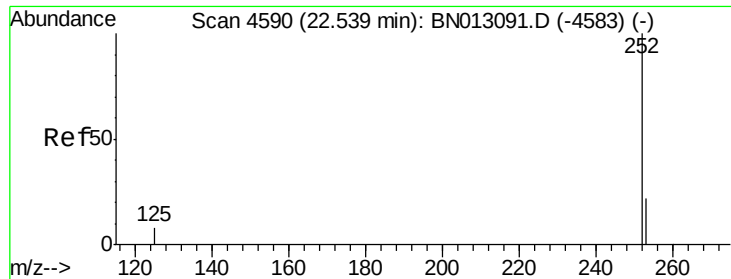
Delta R.T. 0.03 min

Lab File: BN013095.D

Acq: 12 Dec 2020 17:22

Tgt Ion:	252	Resp:	106143
Ion Ratio	Lower	Upper	
252	100		
253	51.2	0.0	59.6
125	71.8	0.0	26.0#





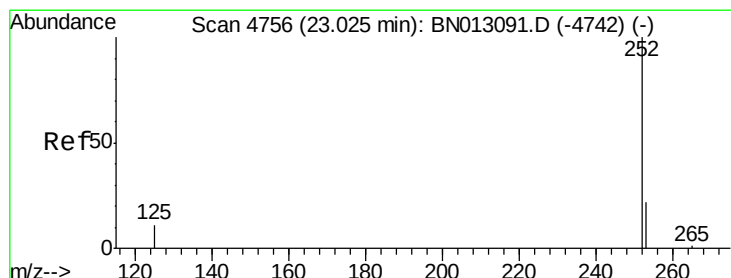
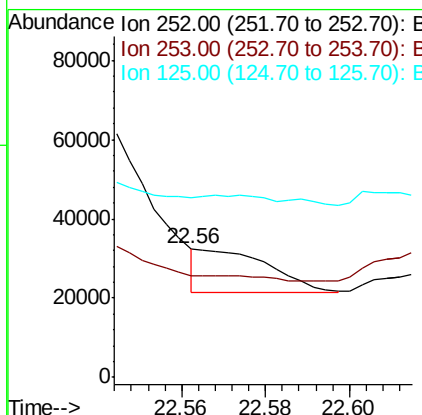
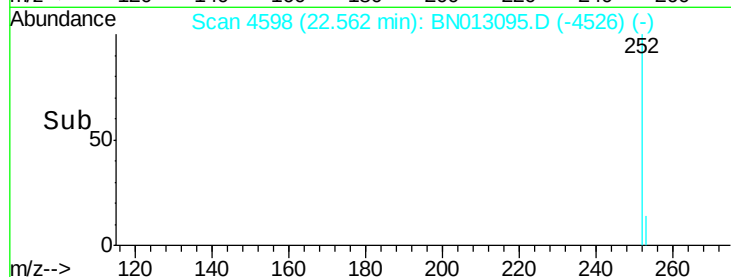
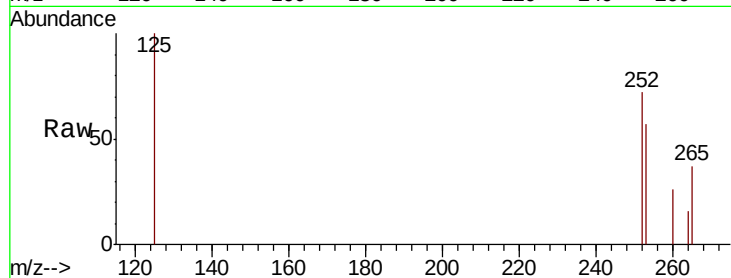
#22
Benzo(k)fluoranthene
Concen: 0.460 ng/ul m
RT: 22.56 min Scan# 4598
Delta R.T. 0.01 min
Lab File: BN013095.D
Acq: 12 Dec 2020 17:22

Instrument :
BNA_N
ClientSampleId :
C0AD6

Tot Ion	Ratio	Lower	Upper
252	100		
253	78.8	23.4	35.2#
125	139.0	11.1	16.7#

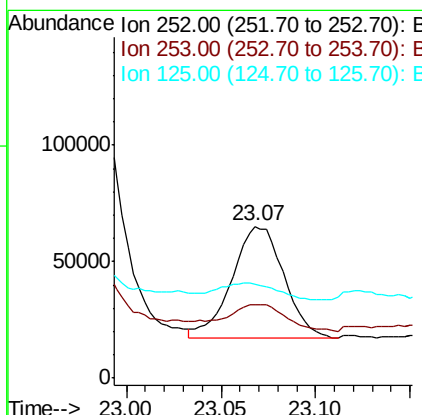
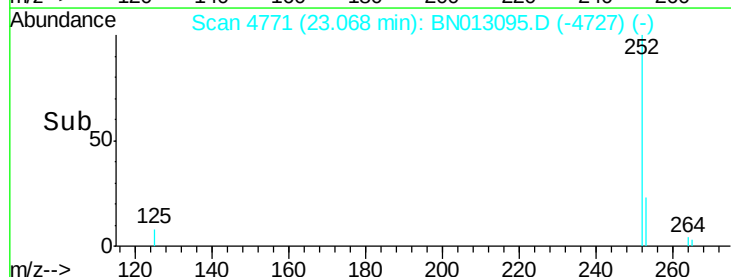
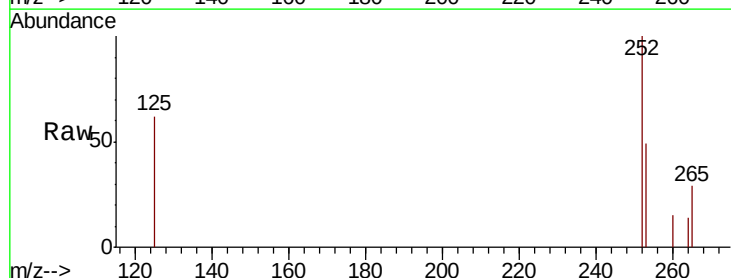
Manual Integrations
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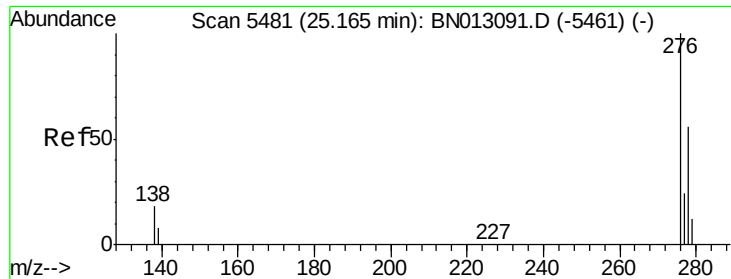
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#23
Benzo(a)pyrene
Concen: 3.998 ng/ul
RT: 23.07 min Scan# 4771
Delta R.T. 0.03 min
Lab File: BN013095.D
Acq: 12 Dec 2020 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.6	26.5	39.7#
125	61.8	14.2	21.2#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.945 ng/ul

RT: 25.22 min Scan# 5499

Delta R.T. 0.04 min

Lab File: BN013095.D

Acq: 12 Dec 2020 17:22

Instrument :

BNA_N

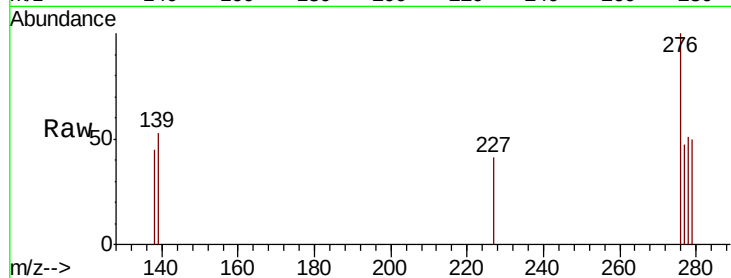
ClientSampleId :

C0AD6

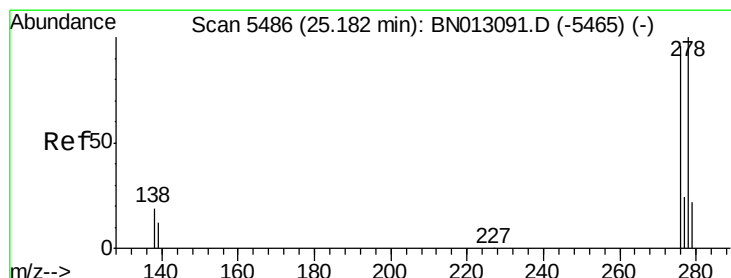
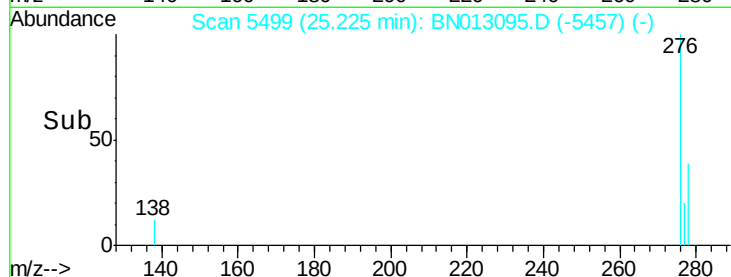
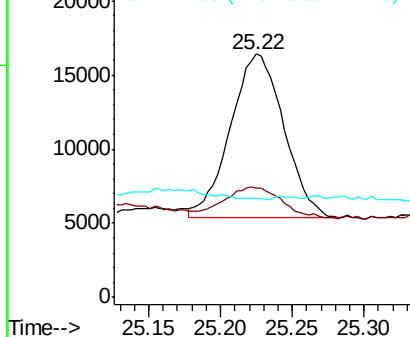
Tot Ion:	276	Resp:	28544
Ion Ratio	Lower	Upper	
276	100		
138	21.2	16.2	24.2
227	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
12/15/2020 12:17:06 PM



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: 0.645 ng/ul

RT: 25.22 min Scan# 5498

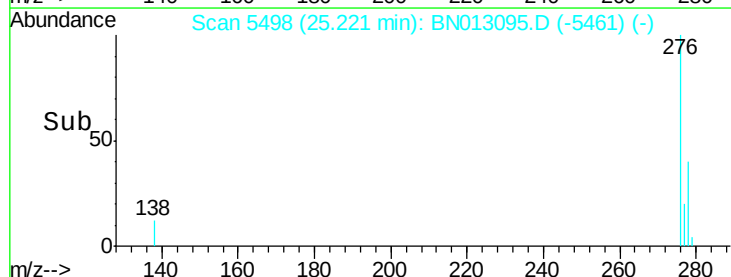
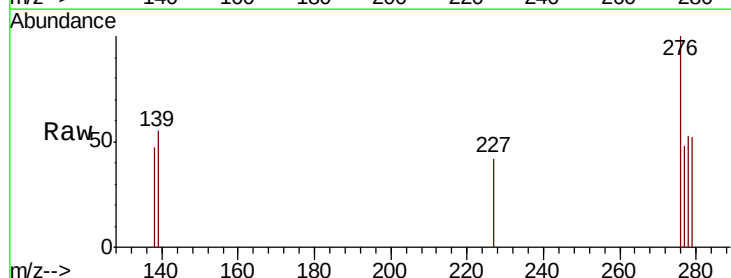
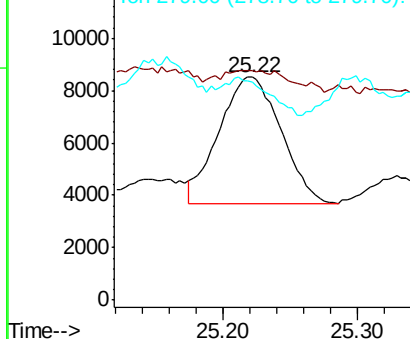
Delta R.T. 0.02 min

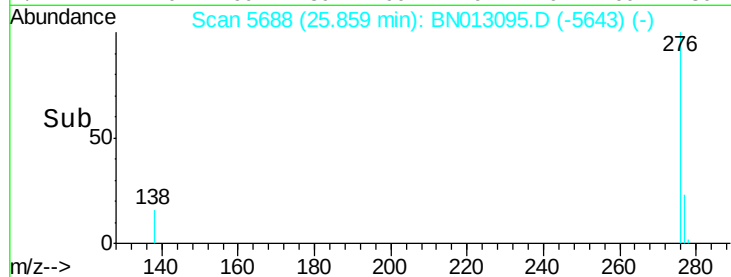
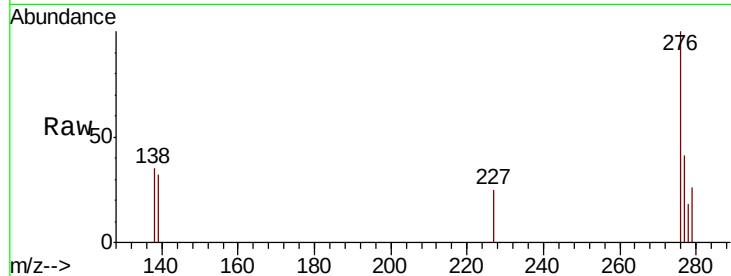
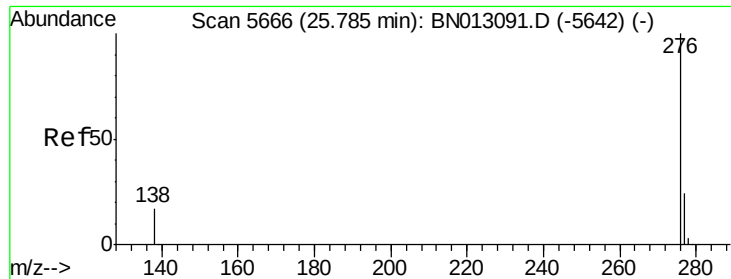
Lab File: BN013095.D

Acq: 12 Dec 2020 17:22

Tgt Ion:	278	Resp:	15413
Ion Ratio	Lower	Upper	
278	100		
139	102.8	14.5	21.7#
279	97.9	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: 1.893 ng/ul

RT: 25.86 min Scan# 5688

Delta R.T. 0.05 min

Lab File: BN013095.D

Acq: 12 Dec 2020 17:22

Instrument :

BNA_N

ClientSampleId :

C0AD6

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	16.3	24.5#
277	40.9	21.8	32.6#

Manual Integrations
APPROVED

mohammad
12/15/2020 12:17:06 PM

