

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
 Data File : BN013102.D
 Acq On : 12 Dec 2020 21:35
 Operator : CG/JU
 Sample : L5063-07DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD9DL

Manual Integrations
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Quant Time: Dec 14 01:55:07 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	7.37	152	983	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.13	136	4031	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.03	164	3301	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4914	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4807	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4607	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	442	0.07	ng/ul	-0.02
14) Fluoranthene-d10	18.84	212	1083	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	26967	2.312	ng/ul	94
5) 2-Methylnaphthalene	11.81	142	76423	9.974	ng/ul	99
7) Acenaphthylene	13.75	152	4827	0.309	ng/ul#	1
8) Acenaphthene	14.10	153	6813	0.532	ng/ul	94
9) Fluorene	15.10	166	13336	0.907	ng/ul#	84
12) Phenanthrene	16.84	178	177985	10.803	ng/ul	97
13) Anthracene	16.93	178	15589	1.112	ng/ul#	88
15) Fluoranthene	18.87	202	36810	1.880	ng/ul	92
17) Pyrene	19.24	202	213821	9.417	ng/ul	99
18) Benzo(a)anthracene	21.01	228	22391	1.126	ng/ul#	33
19) Chrysene	21.06	228	30169	1.373	ng/ul#	67
21) Benzo(b)fluoranthene	22.51	252	15283m	0.717	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	2400m	0.102	ng/ul	
23) Benzo(a)pyrene	23.04	252	14040	0.710	ng/ul#	30
24) Indeno(1,2,3-cd)pyrene	25.18	276	6044	0.233	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.18	278	2810	0.137	ng/ul#	1
26) Benzo(a,h,i)perylene	25.81	276	11458	0.488	ng/ul#	62

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

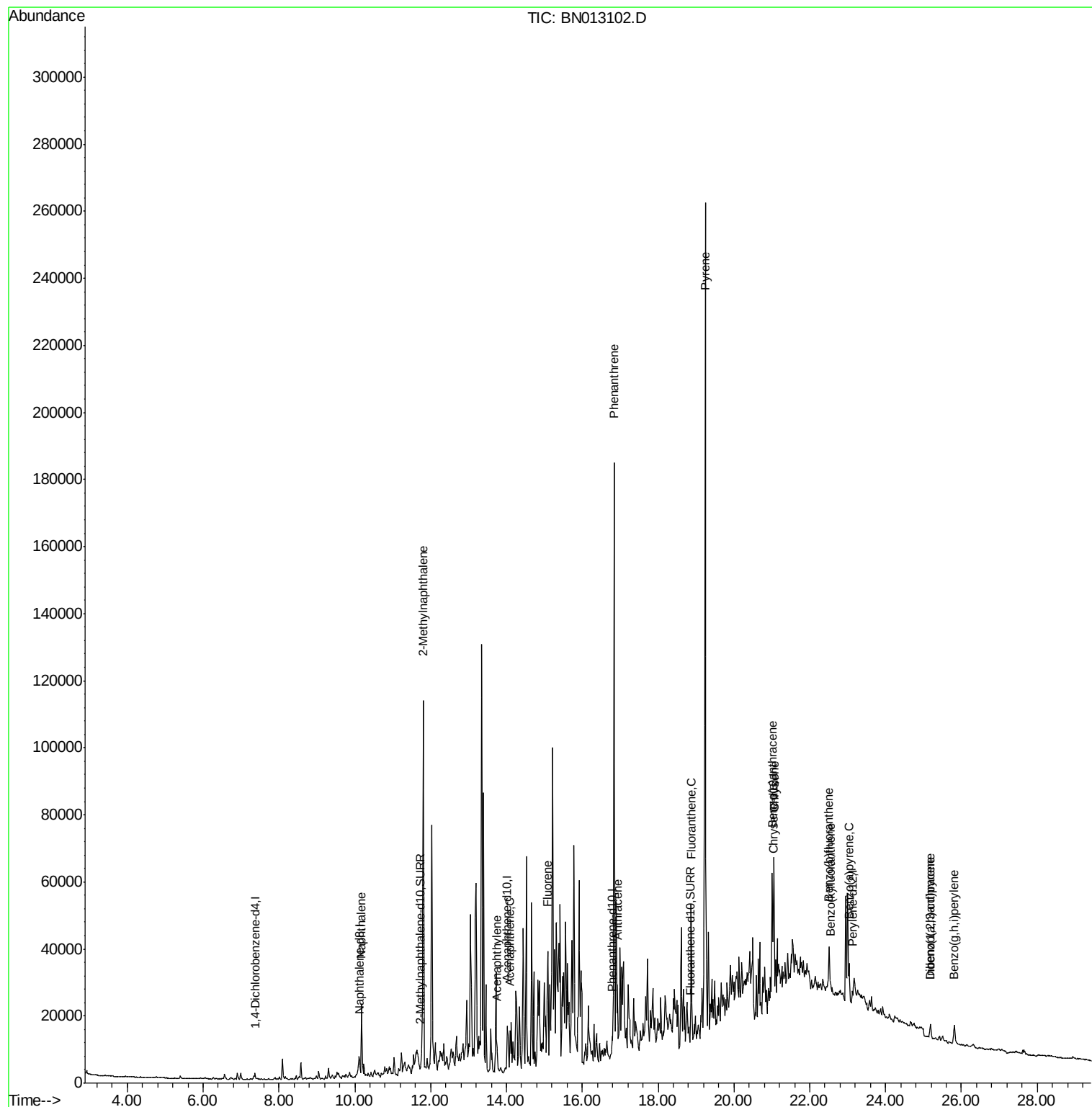
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
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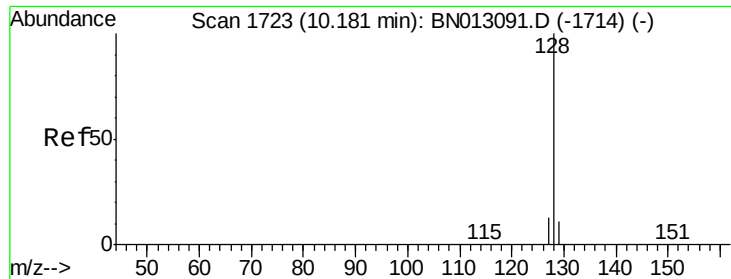
Instrument :
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Quant Time: Dec 14 01:55:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Mon Dec 14 00:25:18 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.312 ng/ul

RT: 10.17 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BN013102.D

Acq: 12 Dec 2020 21:35

Instrument :

BNA_N

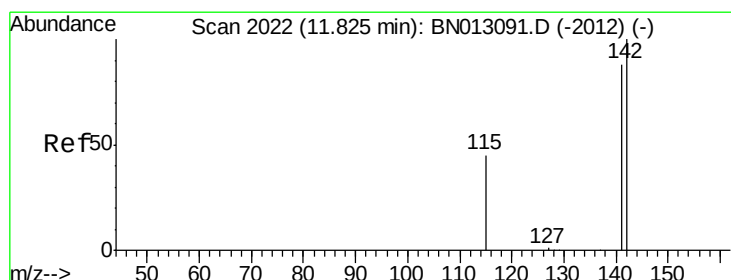
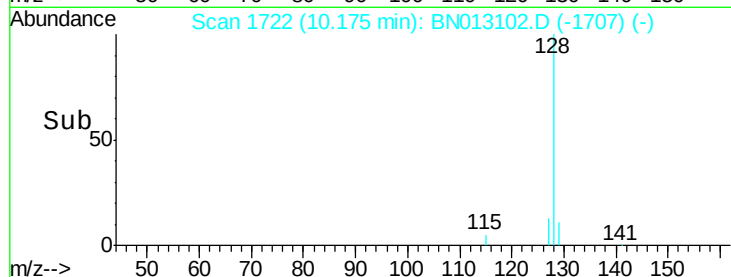
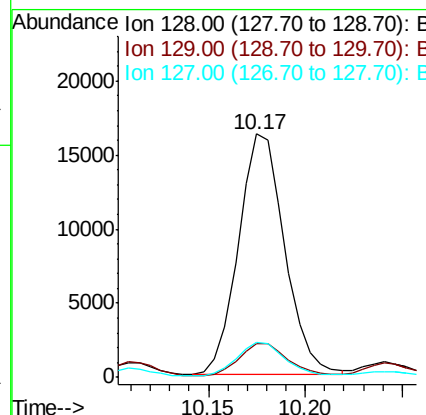
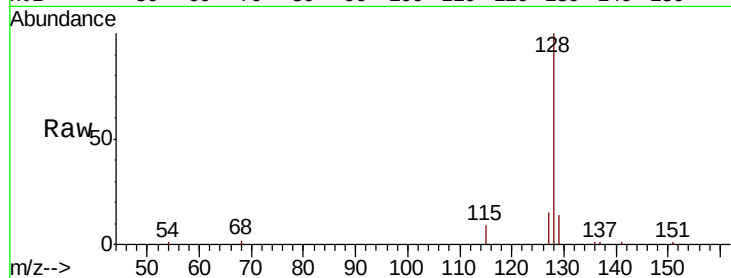
ClientSampleId :

C0AD9DL

Tot Ion:	128	Resp:	26967
Ion	Ratio	Lower	Upper
128	100		
129	13.9	12.3	18.5
127	14.5	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 9.974 ng/ul

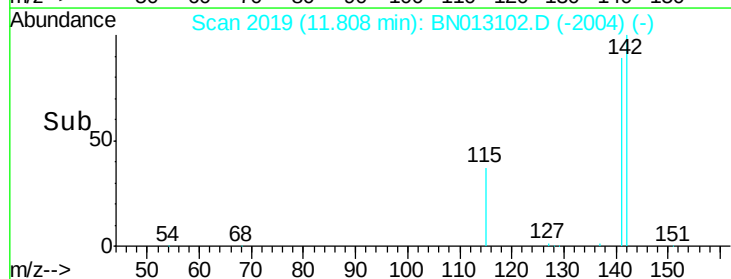
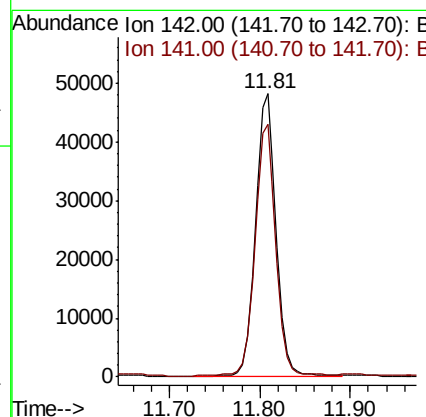
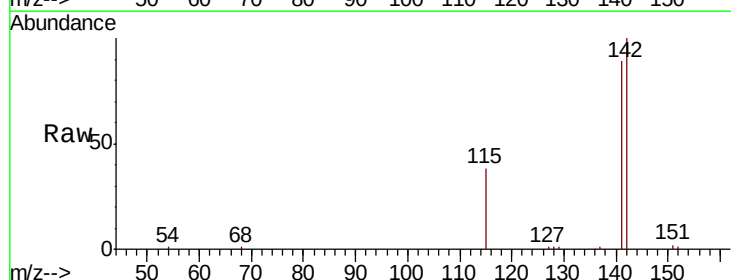
RT: 11.81 min Scan# 2019

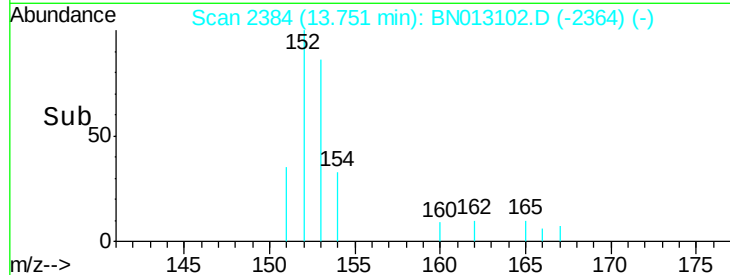
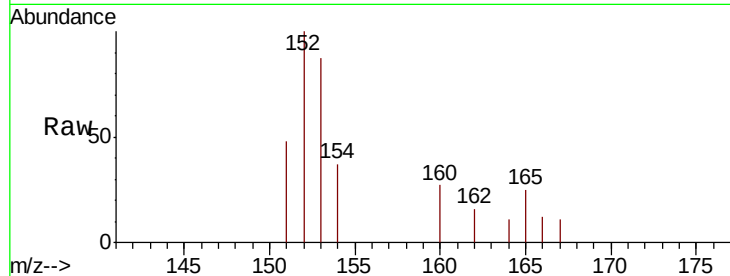
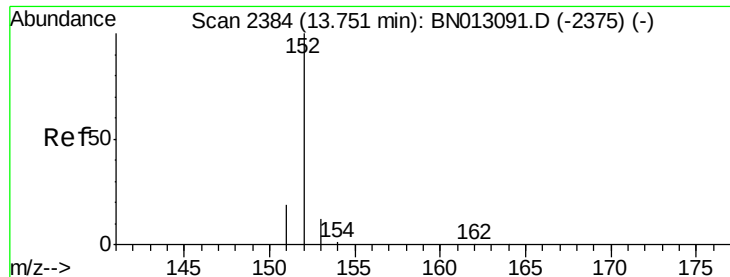
Delta R.T. -0.02 min

Lab File: BN013102.D

Acq: 12 Dec 2020 21:35

Tgt Ion:	142	Resp:	76423
Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.0	109.6





#7

Acenaphthylene

Concen: 0.309 ng/ul

RT: 13.75 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BN013102.D

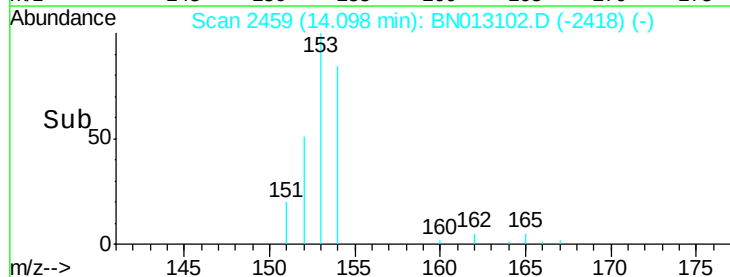
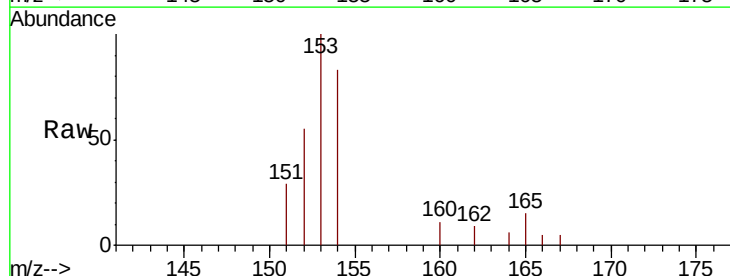
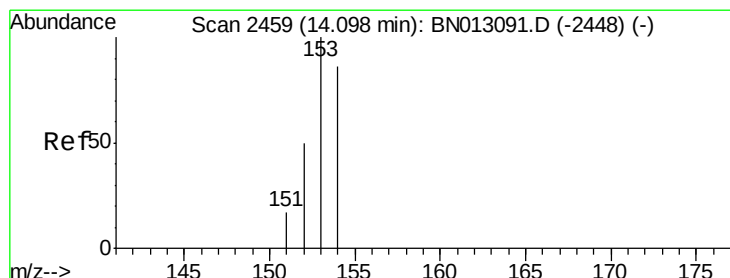
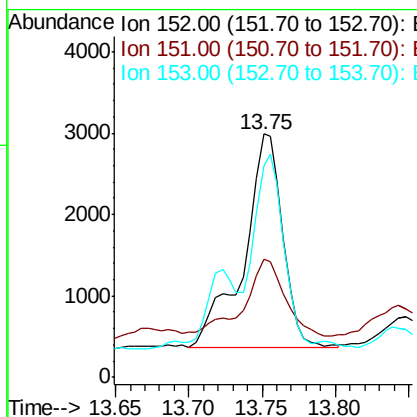
Acq: 12 Dec 2020 21:35

Tot Ion:	152	Resp:	4827
Ion Ratio	Lower	Upper	
152	100		
151	48.3	18.2	27.4#
153	86.7	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
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#8

Acenaphthene

Concen: 0.532 ng/ul

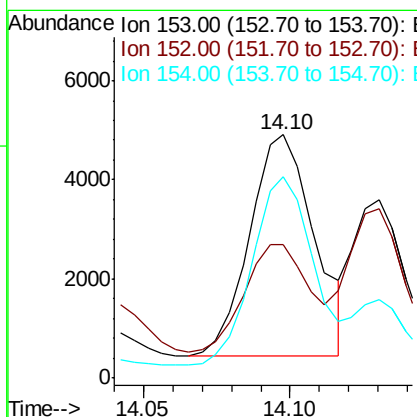
RT: 14.10 min Scan# 2459

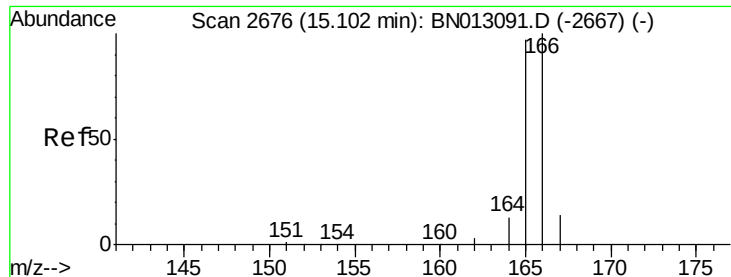
Delta R.T. -0.01 min

Lab File: BN013102.D

Acq: 12 Dec 2020 21:35

Tgt Ion:	153	Resp:	6813
Ion Ratio	Lower	Upper	
153	100		
152	55.1	40.7	61.1
154	82.6	70.8	106.2





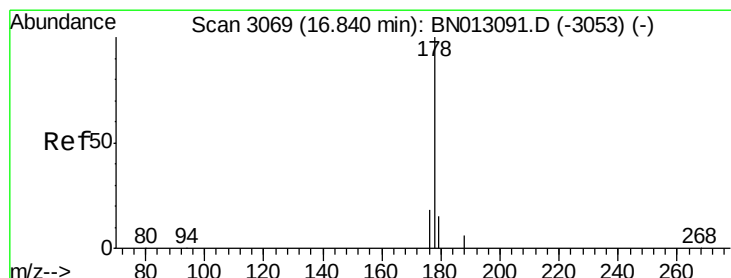
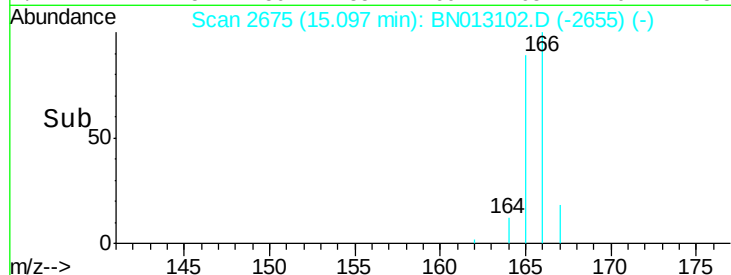
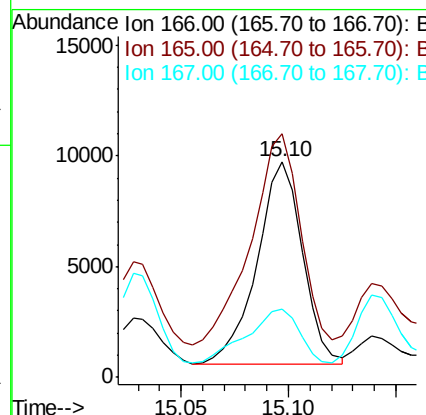
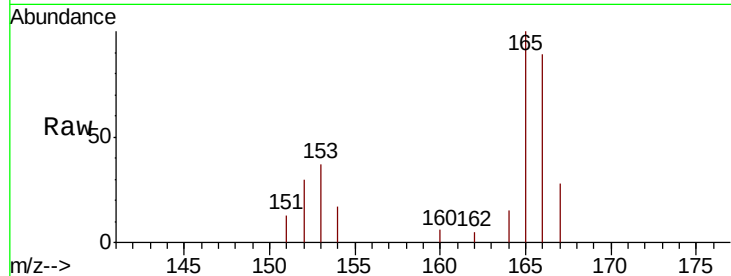
#9
Fluorene
 Concen: 0.907 ng/ul
 RT: 15.10 min Scan# 2675
 Delta R.T. -0.01 min
 Lab File: BN013102.D
 Acq: 12 Dec 2020 21:35

Instrument :
 BNA_N
 ClientSampleId :
 C0AD9DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	113.0	79.8	119.8
167	31.8	13.8	20.8

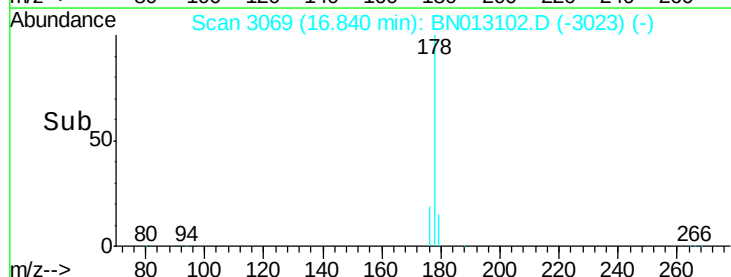
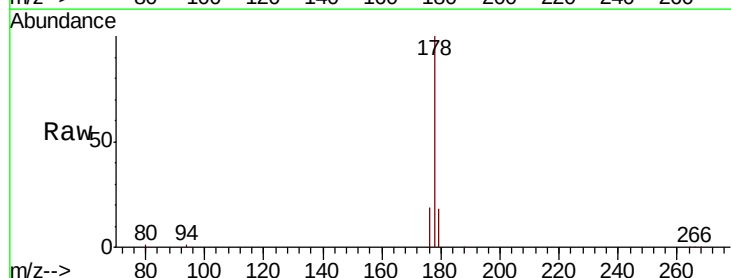
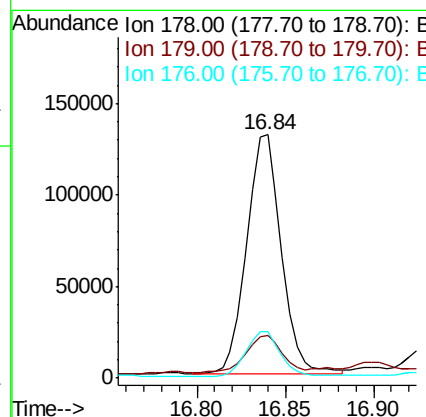
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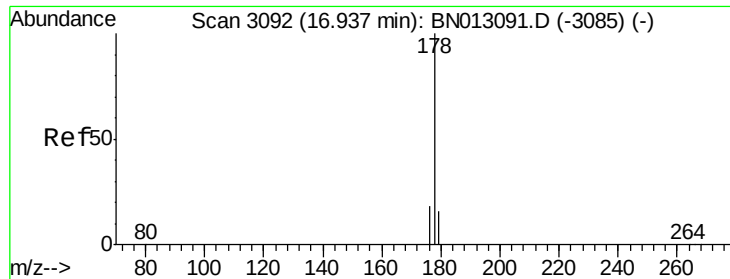
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#12
Phenanthrene
 Concen: 10.803 ng/ul
 RT: 16.84 min Scan# 3069
 Delta R.T. -0.00 min
 Lab File: BN013102.D
 Acq: 12 Dec 2020 21:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.6	20.4
176	19.0	16.4	24.6





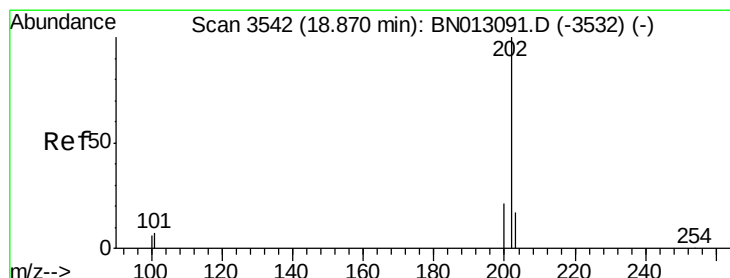
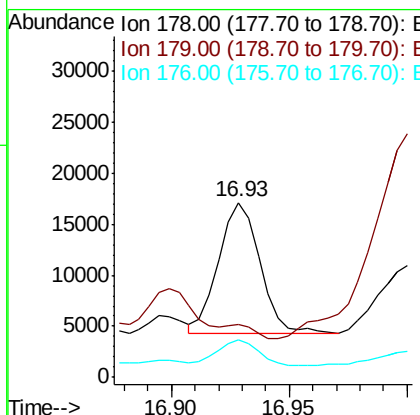
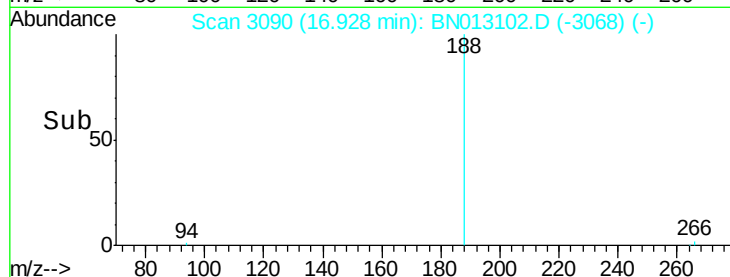
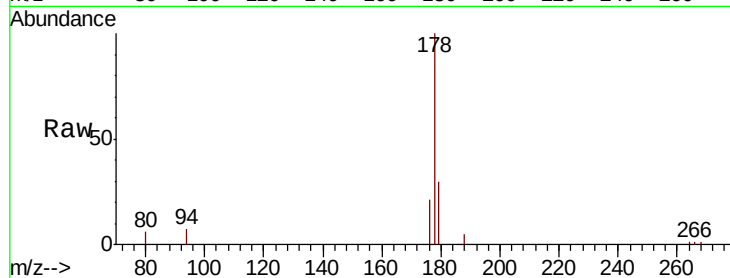
#13
 Anthracene
 Concen: 1.112 ng/ul
 RT: 16.93 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BN013102.D
 Acq: 12 Dec 2020 21:35

Instrument :
 BNA_N
 ClientSampleId :
 C0AD9DL

Tot Ion:178 Resp: 15589
 Ion Ratio Lower Upper
 178 100
 179 30.0 14.6 21.8#
 176 21.3 17.1 25.7

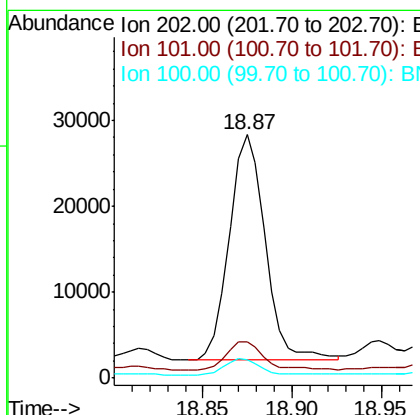
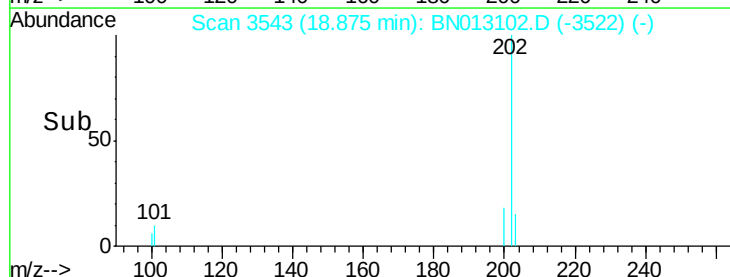
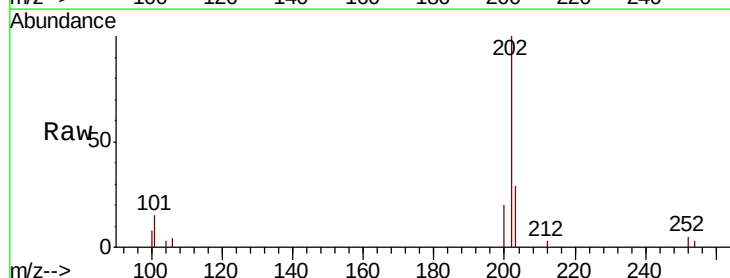
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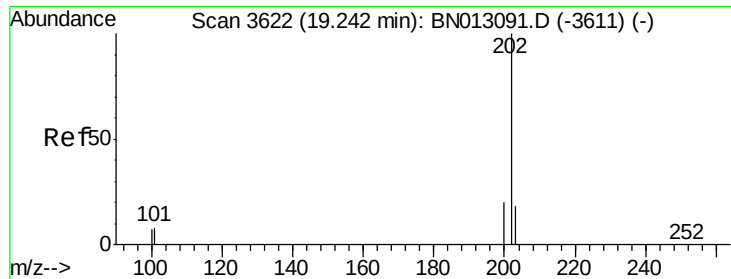
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#15
 Fluoranthene
 Concen: 1.880 ng/ul
 RT: 18.87 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: BN013102.D
 Acq: 12 Dec 2020 21:35

Tgt Ion:202 Resp: 36810
 Ion Ratio Lower Upper
 202 100
 101 15.0 0.0 30.6
 100 7.6 0.0 28.7





#17

Pvrene

Concen: 9.417 ng/ul

RT: 19.24 min Scan# 3622

Delta R.T. -0.00 min

Lab File: BN013102.D

Acq: 12 Dec 2020 21:35

Instrument :

BNA_N

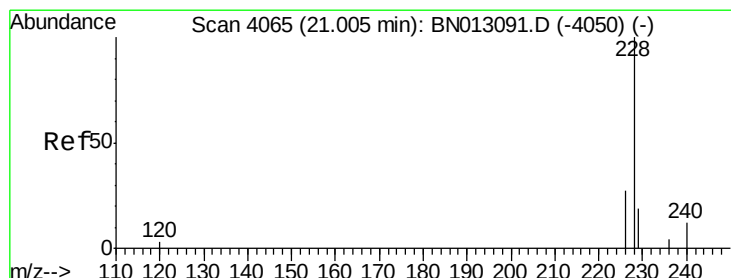
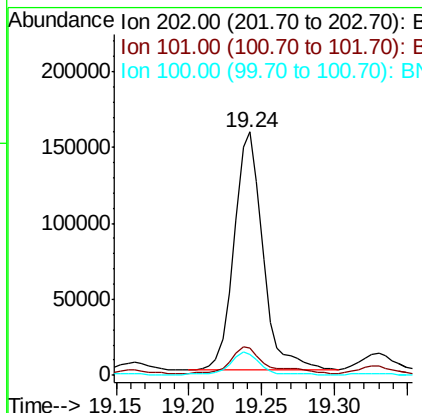
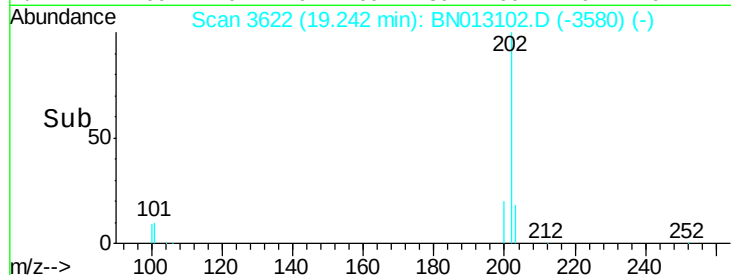
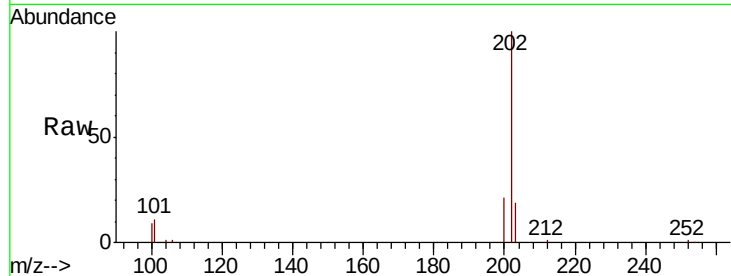
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Tot Ion:	202	Resp:	213821
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.1	13.7
100	8.8	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 1.126 ng/ul

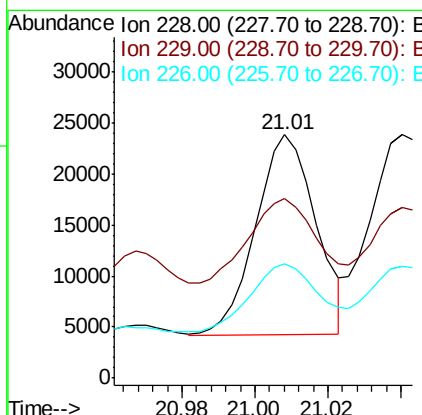
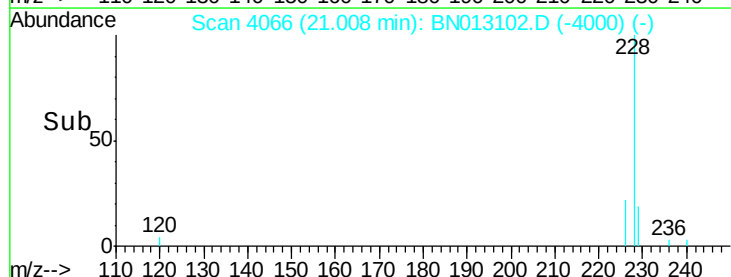
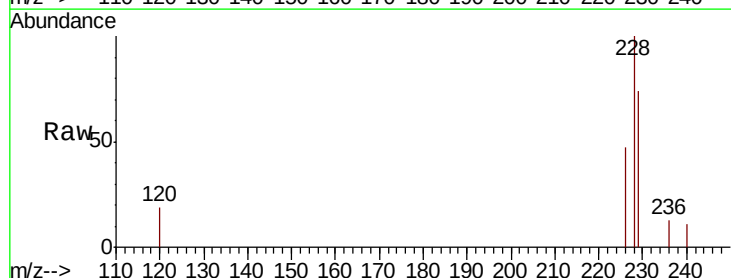
RT: 21.01 min Scan# 4066

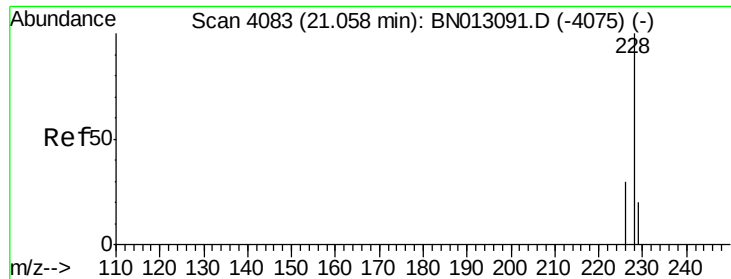
Delta R.T. -0.01 min

Lab File: BN013102.D

Acq: 12 Dec 2020 21:35

Tgt Ion:	228	Resp:	22391
Ion Ratio	Lower	Upper	
228	100		
229	73.7	16.3	24.5#
226	47.1	23.4	35.2#





#19

Chrysene

Concen: 1.373 ng/ul

RT: 21.06 min Scan# 4084

Delta R.T. -0.01 min

Lab File: BN013102.D

Acq: 12 Dec 2020 21:35

Instrument :

BNA_N

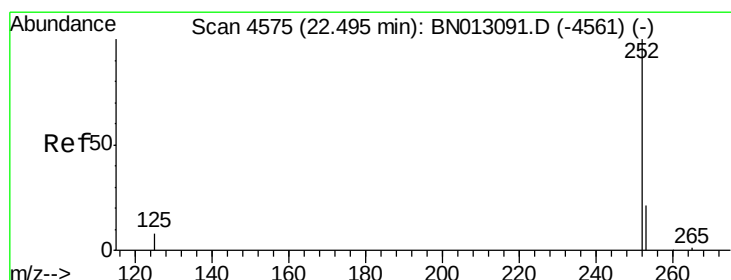
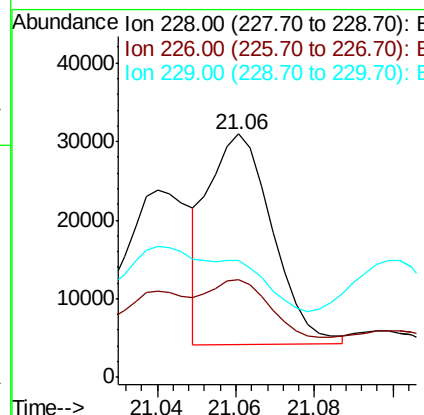
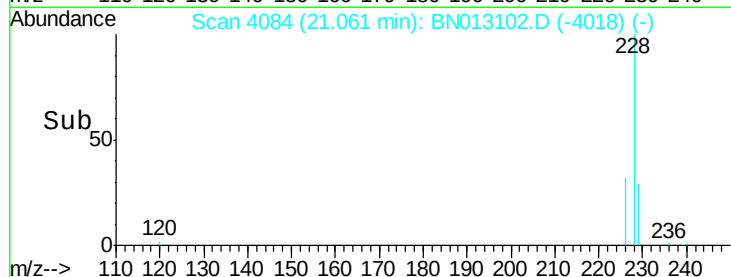
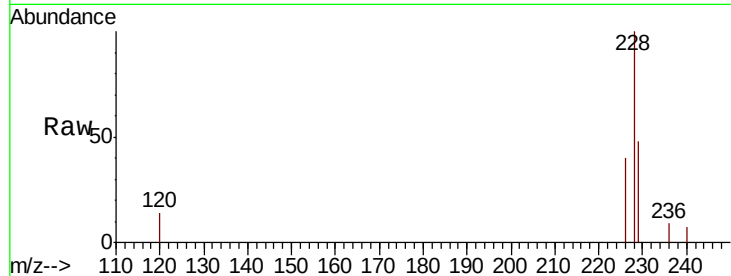
ClientSampleId :

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Tot Ion:228	Resp:	30169
Ion Ratio	Lower	Upper
228	100	
226	40.1	25.0 37.6#
229	47.8	16.4 24.6#

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#21

Benzo(b)fluoranthene

Concen: 0.717 ng/ul m

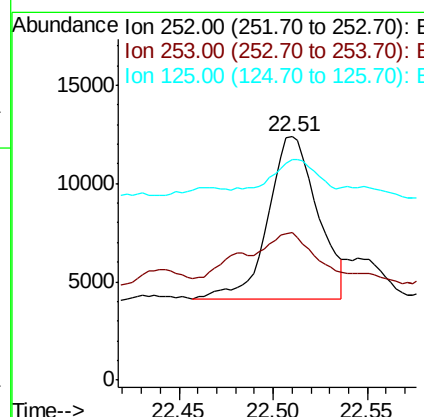
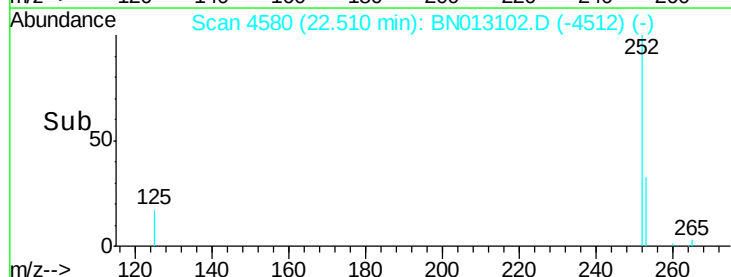
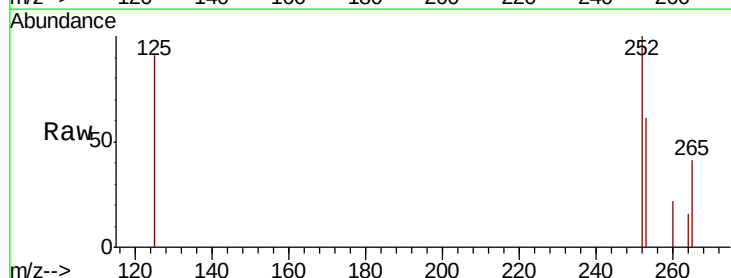
RT: 22.51 min Scan# 4580

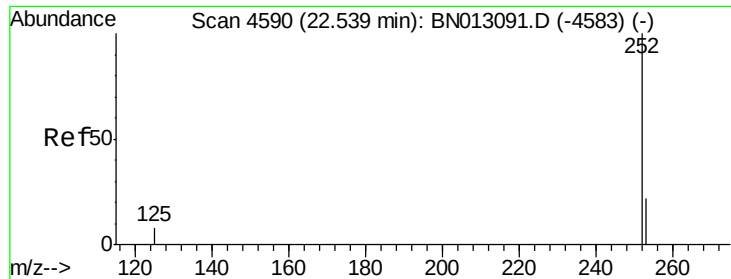
Delta R.T. 0.00 min

Lab File: BN013102.D

Acq: 12 Dec 2020 21:35

Tgt Ion:252	Resp:	15283
Ion Ratio	Lower	Upper
252	100	
253	60.5	0.0 59.6#
125	90.6	0.0 26.0#





#22

Benzo(k)fluoranthene

Concen: 0.102 ng/ul m

RT: 22.54 min Scan# 4592

Delta R.T. -0.01 min

Lab File: BN013102.D

Acq: 12 Dec 2020 21:35

Instrument :

BNA_N

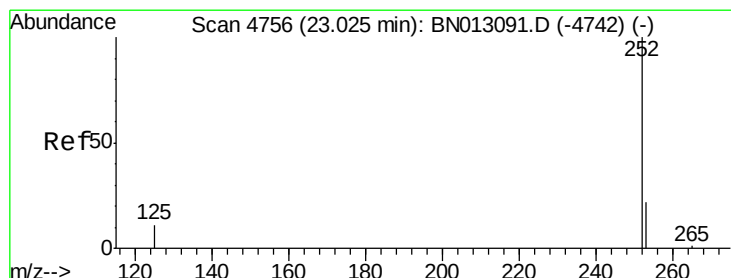
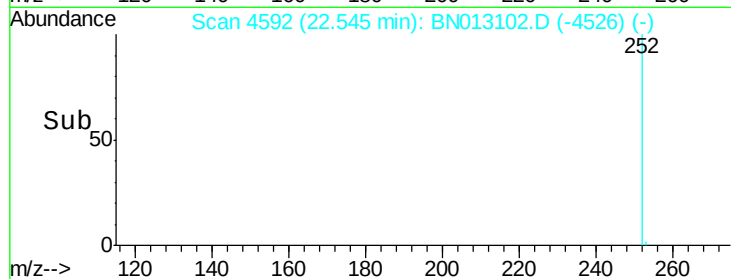
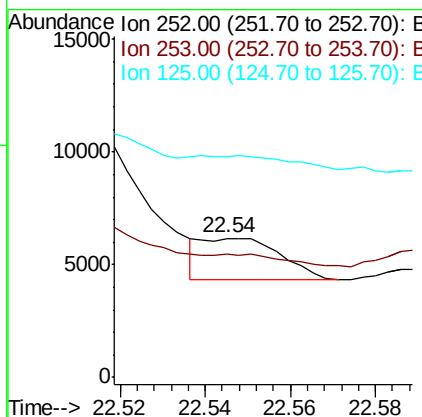
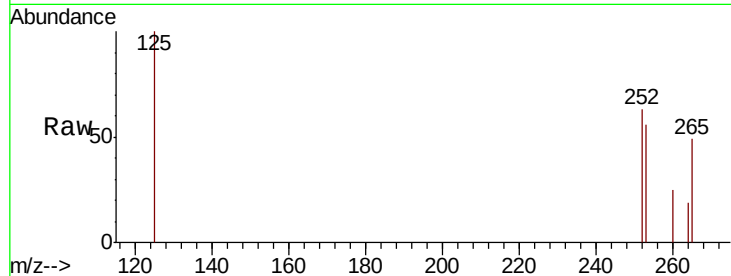
ClientSampleId :

C0AD9DL

Tot Ion:	252	Resp:	2400
Ion Ratio	Lower	Upper	
252	100		
253	88.2	23.4	35.2#
125	158.9	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 0.710 ng/ul

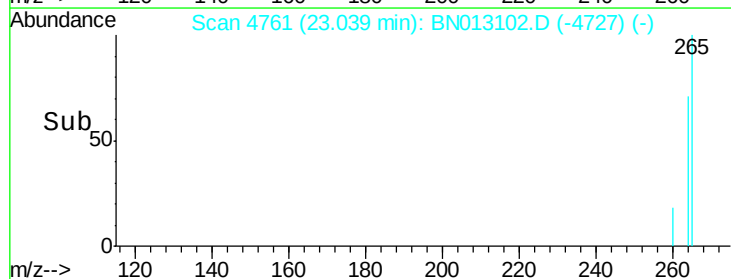
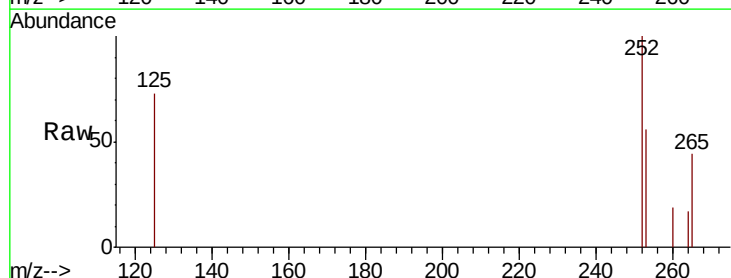
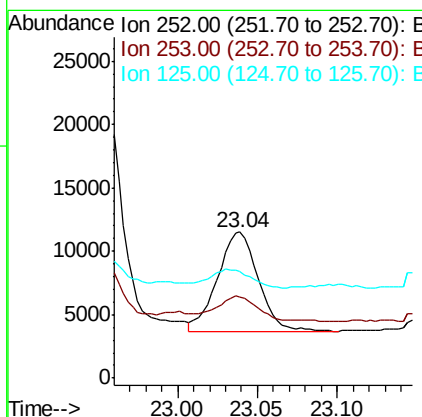
RT: 23.04 min Scan# 4761

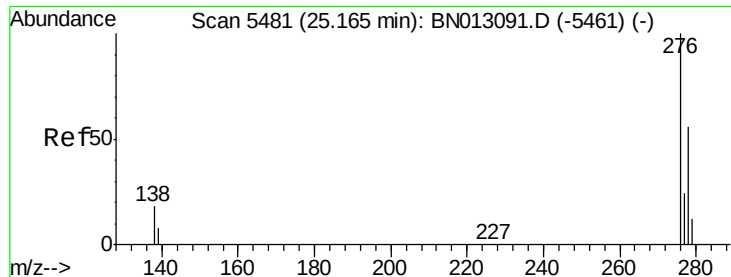
Delta R.T. 0.00 min

Lab File: BN013102.D

Acq: 12 Dec 2020 21:35

Tgt Ion:	252	Resp:	14040
Ion Ratio	Lower	Upper	
252	100		
253	55.7	26.5	39.7#
125	72.7	14.2	21.2#





#24

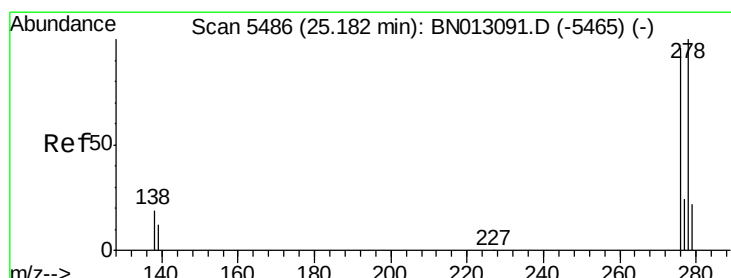
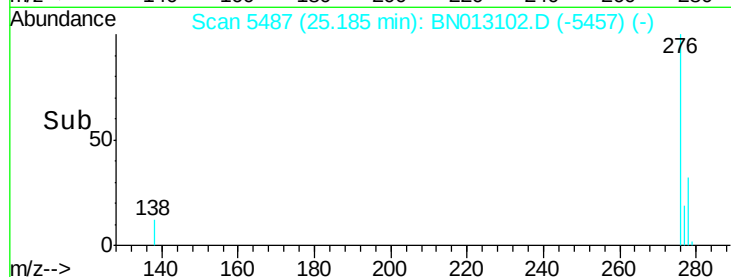
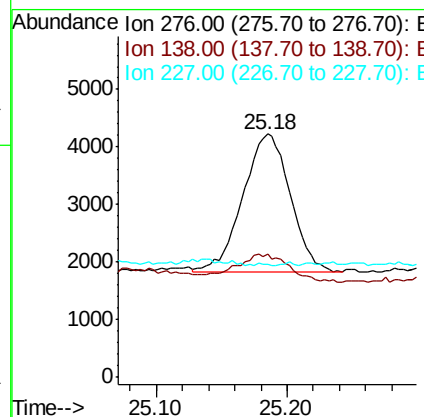
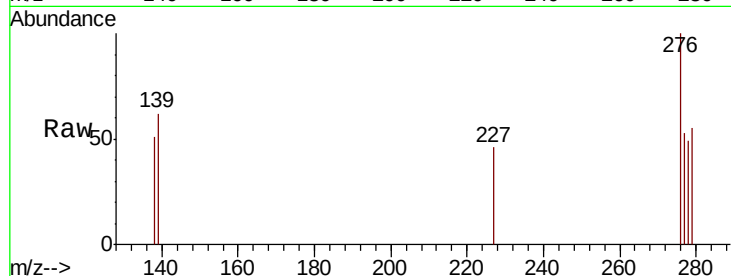
Indeno(1,2,3-cd)pyrene
Concen: 0.233 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. 0.00 min
Lab File: BN013102.D
Acq: 12 Dec 2020 21:35

Instrument :
BNA_N
ClientSampleId :
C0AD9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.2	24.2
227	0.4	0.0	0.0#

Manual Integrations
APPROVED

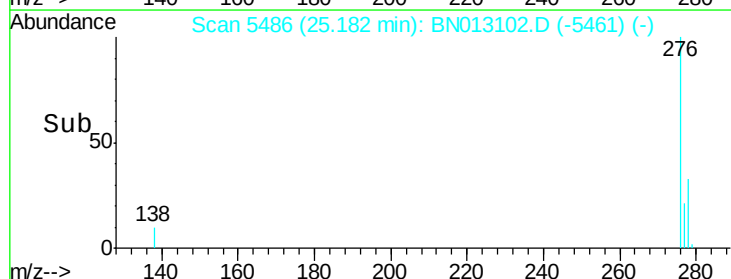
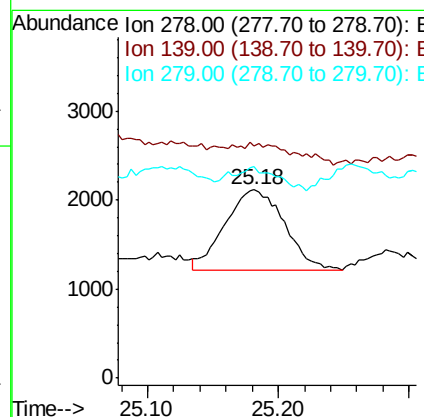
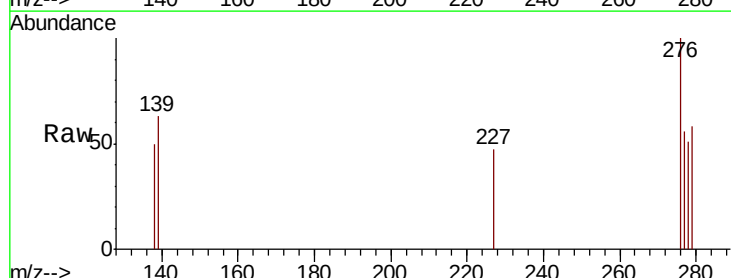
mohammad
12/15/2020 12:17:25 PM

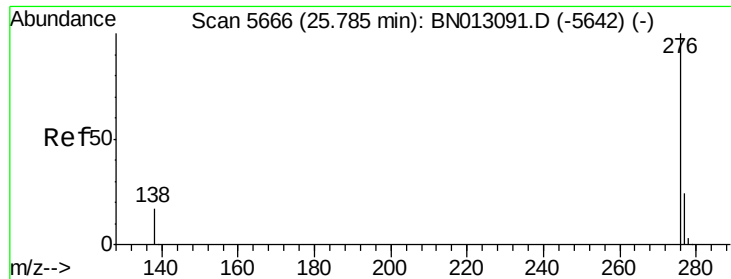


#25

Dibenzo(a,h)anthracene
Concen: 0.137 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.02 min
Lab File: BN013102.D
Acq: 12 Dec 2020 21:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	123.3	14.5	21.7#
279	112.6	26.3	39.5#





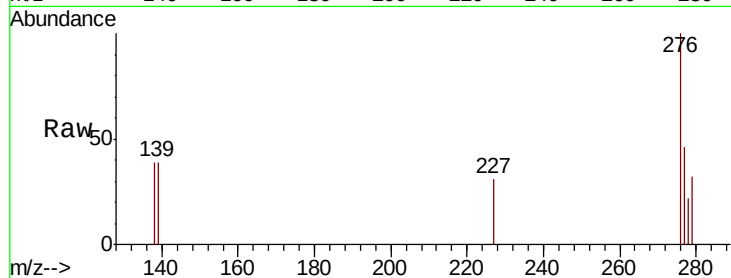
#26
 Benzo(a,h,i)perylene
 Concen: 0.488 ng/ul
 RT: 25.81 min Scan# 5674
 Delta R.T. 0.00 min
 Lab File: BN013102.D
 Acq: 12 Dec 2020 21:35

Instrument :
 BNA_N
 ClientSampleId :
 C0AD9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	39.2	16.3	24.5#
277	45.6	21.8	32.6#

Manual Integrations
 APPROVED

mohammad
 12/15/2020 12:17:25 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

