

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
 Data File : BN013098.D
 Acq On : 12 Dec 2020 19:10
 Operator : CG/JU
 Sample : L5063-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD7DL

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Quant Time: Dec 14 01:35:02 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	843	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.13	136	3537	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.03	164	2321	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.79	188	4324	0.40	ng/ul	-0.02
16) Chrysene-d12	21.02	240	3299	0.40	ng/ul	-0.01
20) Perylene-d12	23.11	264	3484	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	215	0.04	ng/ul	-0.02
14) Fluoranthene-d10	18.84	212	440	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.17	128	8856	0.865	ng/ul	96
5) 2-Methylnaphthalene	11.80	142	40022	5.953	ng/ul	99
7) Acenaphthylene	13.75	152	2374	0.216	ng/ul#	38
8) Acenaphthene	14.09	153	2298	0.255	ng/ul	94
9) Fluorene	15.09	166	3949	0.382	ng/ul#	89
12) Phenanthrene	16.83	178	54359	3.749	ng/ul	98
13) Anthracene	16.92	178	3833m	0.311	ng/ul	
15) Fluoranthene	18.87	202	20461	1.188	ng/ul	98
17) Pyrene	19.23	202	29179	1.873	ng/ul	99
18) Benzo(a)anthracene	21.00	228	9562	0.701	ng/ul#	75
19) Chrysene	21.05	228	10257m	0.680	ng/ul	
21) Benzo(b)fluoranthene	22.50	252	13101m	0.813	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	3944m	0.221	ng/ul	
23) Benzo(a)pyrene	23.02	252	8626	0.577	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.16	276	5952	0.303	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.16	278	1800	0.116	ng/ul#	1
26) Benzo(a,h,i)perylene	25.79	276	5833	0.328	ng/ul#	75

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

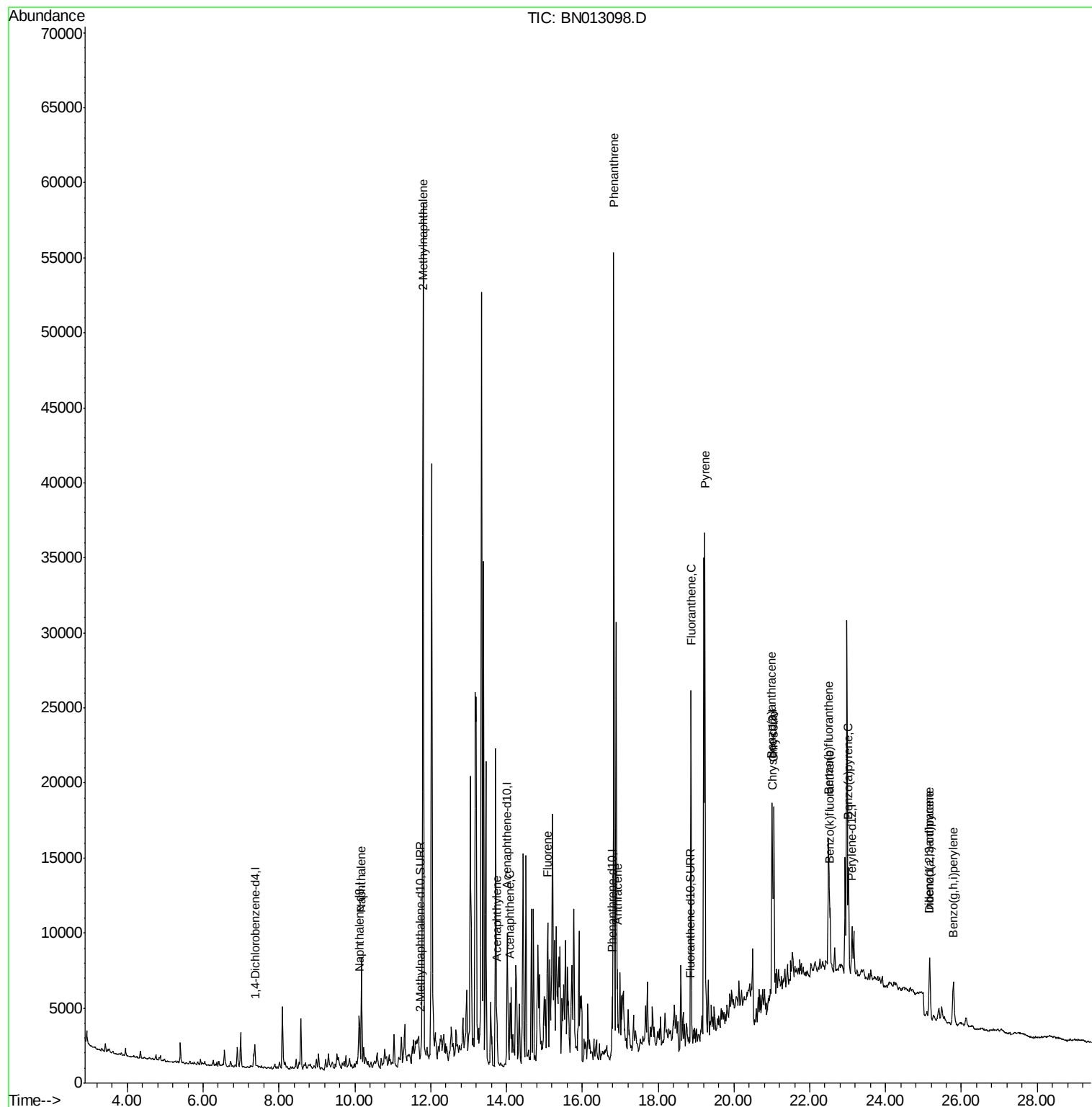
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
Data File : BN013098.D
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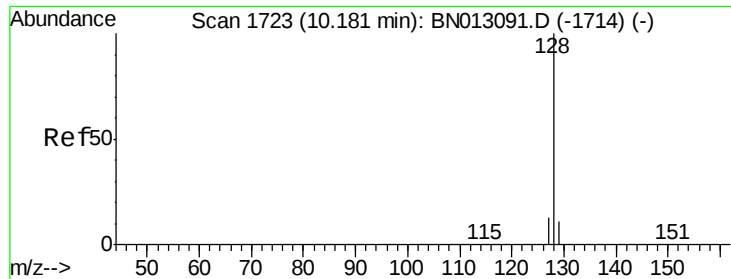
Instrument :
BNA_N
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C0AD7DL

Quant Time: Dec 14 01:35:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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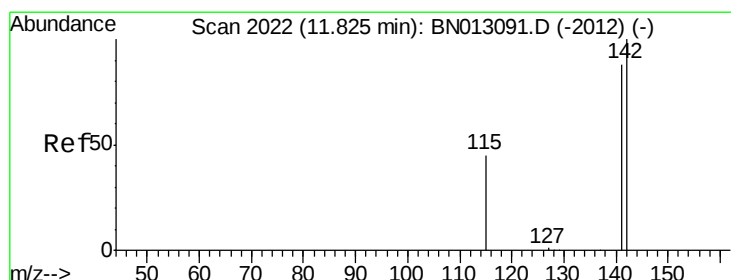
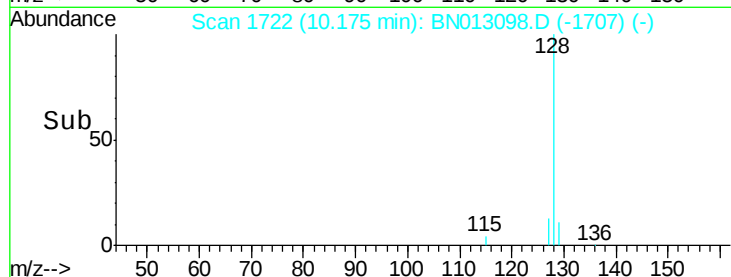
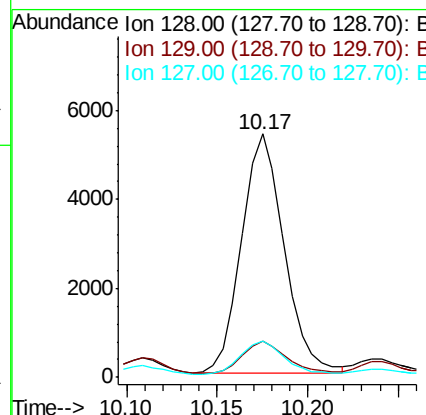
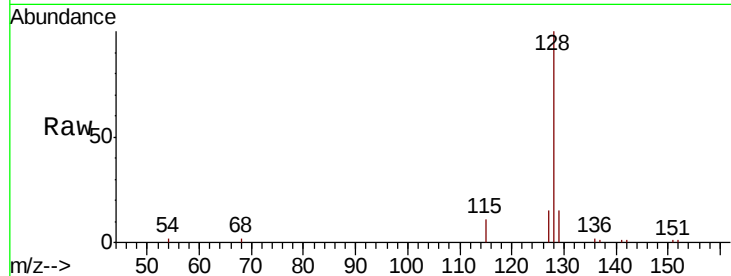
#3
Naphthalene
Concen: 0.865 ng/ul
RT: 10.17 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BN013098.D
Acq: 12 Dec 2020 19:10

Instrument :
BNA_N
ClientSampleId :
C0AD7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.7	12.3	18.5
127	14.9	14.2	21.4

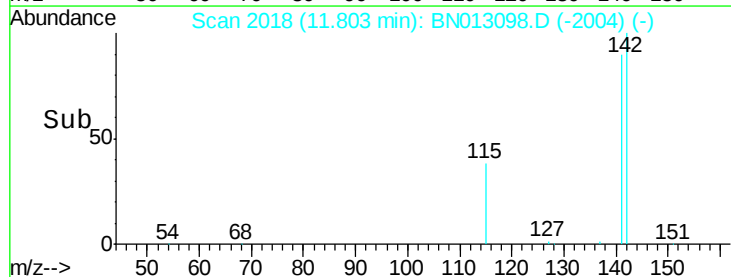
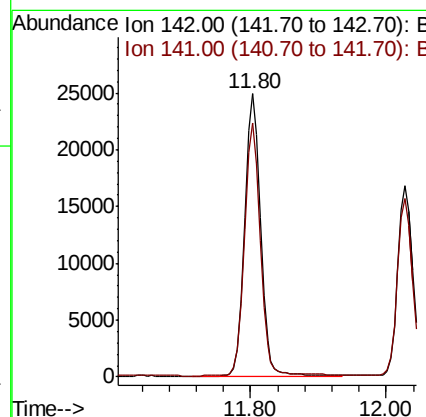
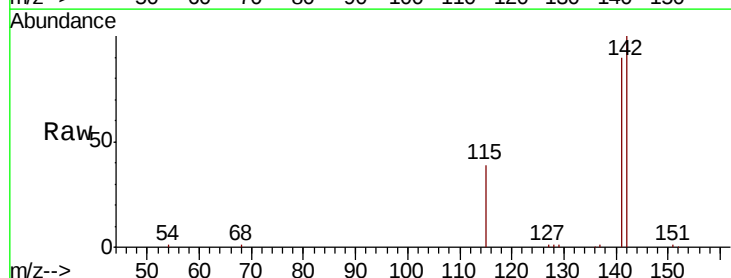
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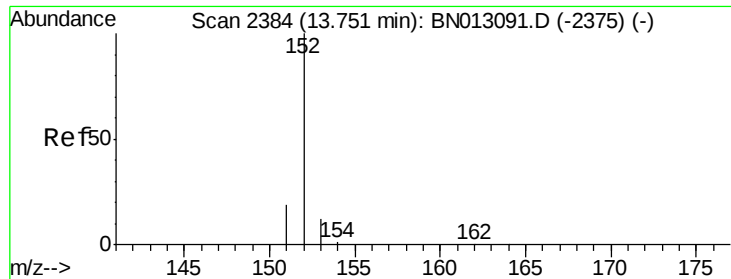
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#5
2-Methylnaphthalene
Concen: 5.953 ng/ul
RT: 11.80 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BN013098.D
Acq: 12 Dec 2020 19:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.0	109.6





#7

Acenaphthylene

Concen: 0.216 ng/ul

RT: 13.75 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BN013098.D

Acq: 12 Dec 2020 19:10

Instrument :

BNA_N

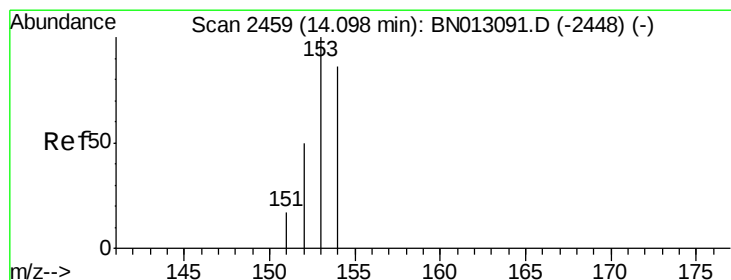
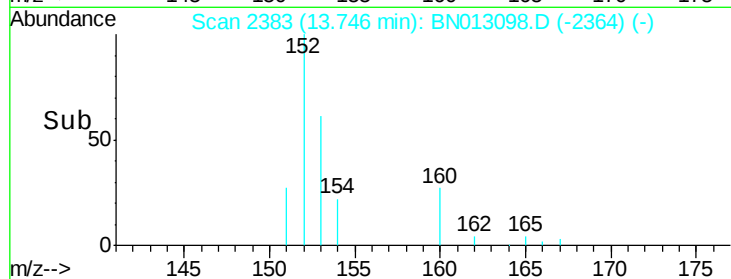
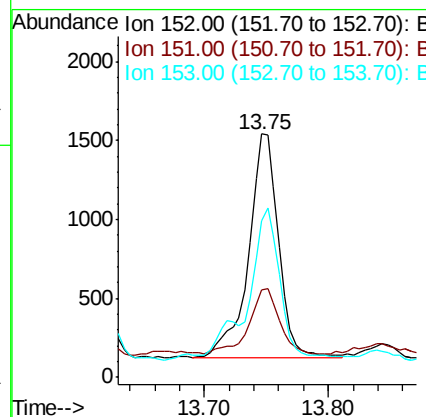
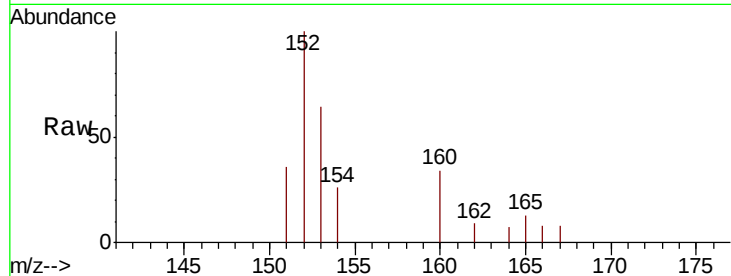
ClientSampleId :

C0AD7DL

Tot Ion:	152	Resp:	2374
Ion Ratio	Lower	Upper	
152	100		
151	35.8	18.2	27.4#
153	64.1	13.1	19.7#

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#8

Acenaphthene

Concen: 0.255 ng/ul

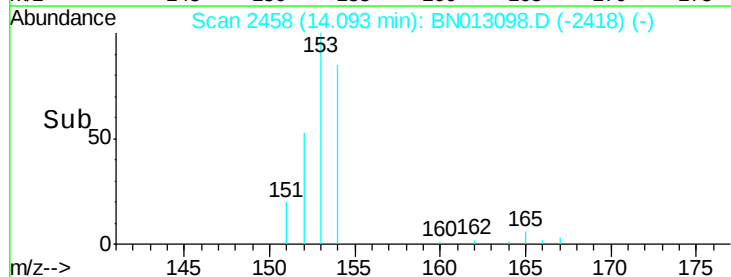
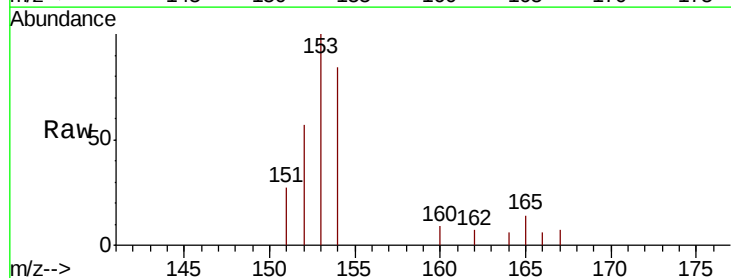
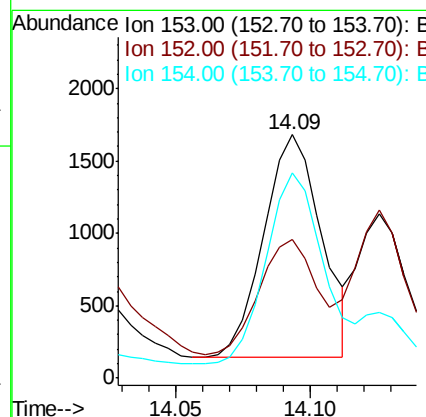
RT: 14.09 min Scan# 2458

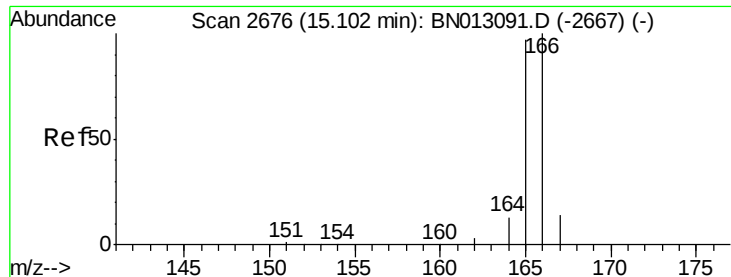
Delta R.T. -0.01 min

Lab File: BN013098.D

Acq: 12 Dec 2020 19:10

Tgt Ion:	153	Resp:	2298
Ion Ratio	Lower	Upper	
153	100		
152	57.0	40.7	61.1
154	84.1	70.8	106.2





#9

Fluorene

Concen: 0.382 ng/ul

RT: 15.09 min Scan# 2674

Delta R.T. -0.01 min

Lab File: BN013098.D

Acq: 12 Dec 2020 19:10

Instrument :

BNA_N

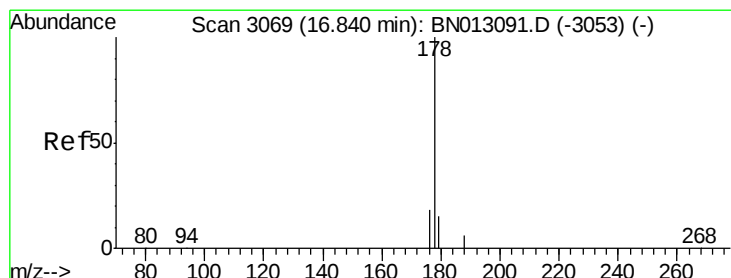
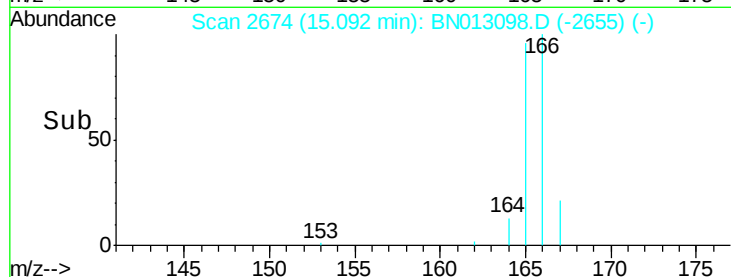
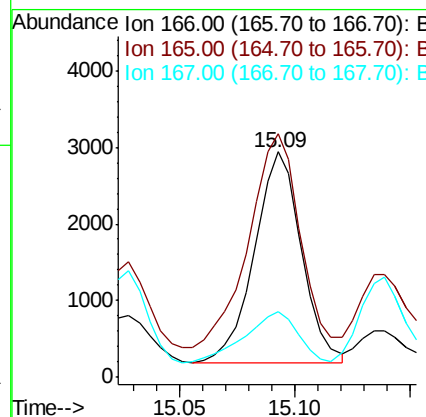
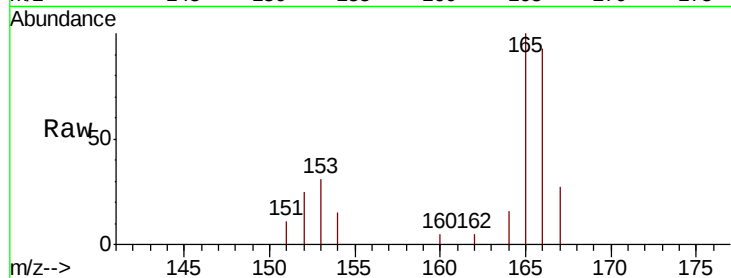
ClientSampleId :

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Tot Ion:	166	Resp:	3949
Ion Ratio	Lower	Upper	
166	100		
165	107.9	79.8	119.8
167	29.0	13.8	20.8

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#12

Phenanthrene

Concen: 3.749 ng/ul

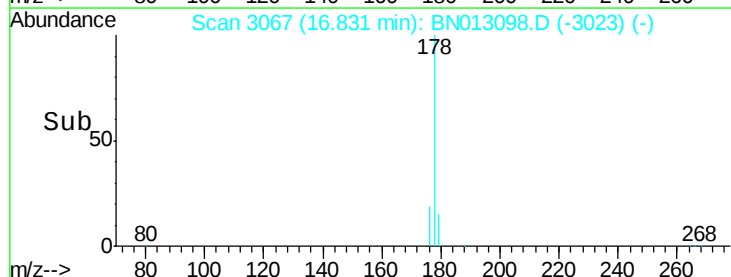
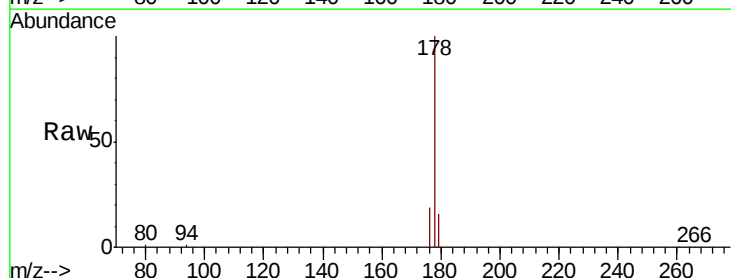
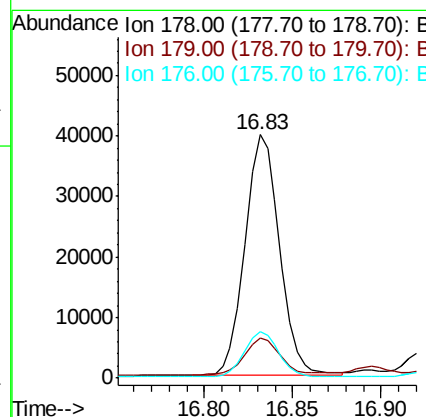
RT: 16.83 min Scan# 3067

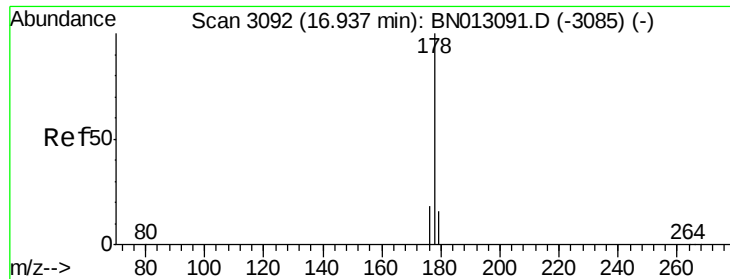
Delta R.T. -0.01 min

Lab File: BN013098.D

Acq: 12 Dec 2020 19:10

Tgt Ion:	178	Resp:	54359
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.6	20.4
176	19.2	16.4	24.6





#13

Anthracene

Concen: 0.311 ng/ul m

RT: 16.92 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BN013098.D

Acq: 12 Dec 2020 19:10

Instrument :

BNA_N

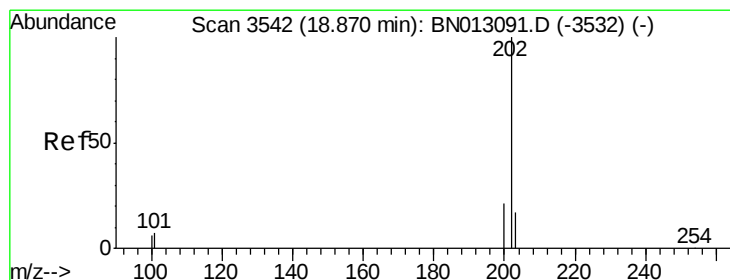
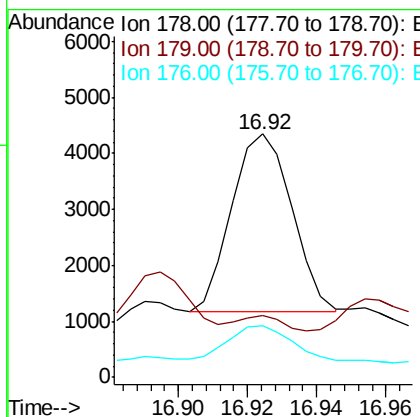
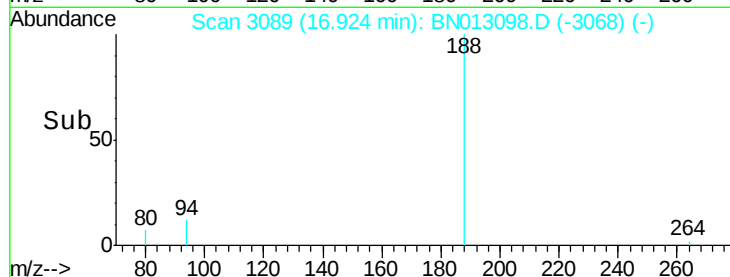
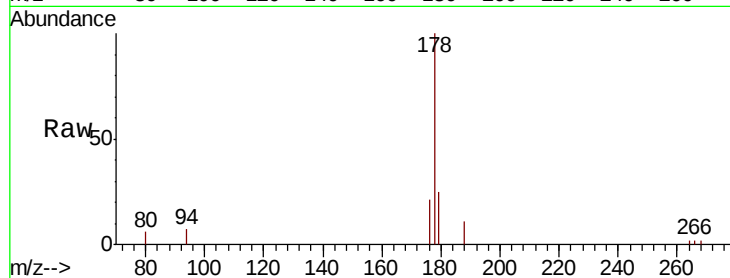
ClientSampleId :

C0AD7DL

Tot Ion:	178	Resp:	3833
Ion Ratio	Lower	Upper	
178	100		
179	25.2	14.6	21.8#
176	21.2	17.1	25.7

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#15

Fluoranthene

Concen: 1.188 ng/ul

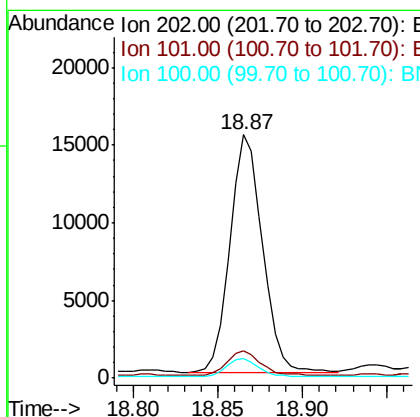
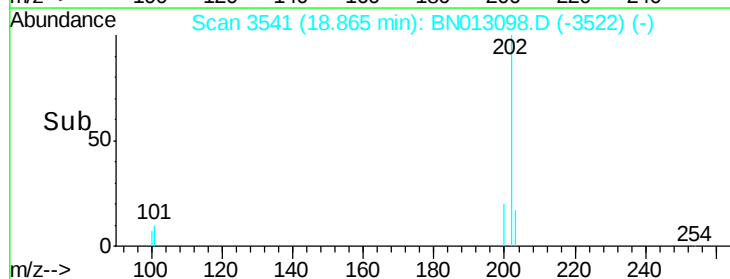
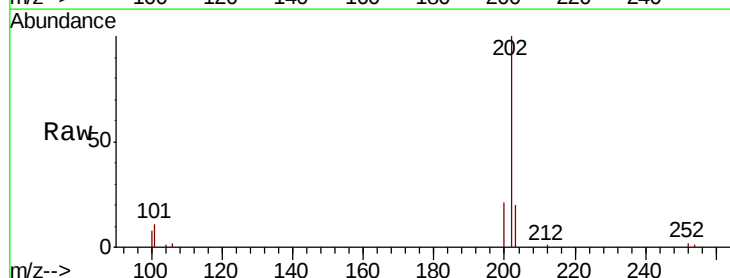
RT: 18.87 min Scan# 3541

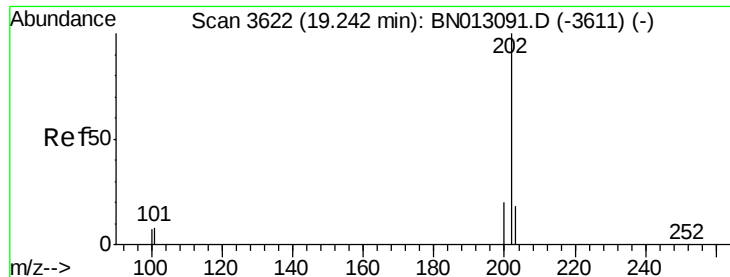
Delta R.T. -0.01 min

Lab File: BN013098.D

Acq: 12 Dec 2020 19:10

Tgt Ion:	202	Resp:	20461
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.6
100	8.0	0.0	28.7





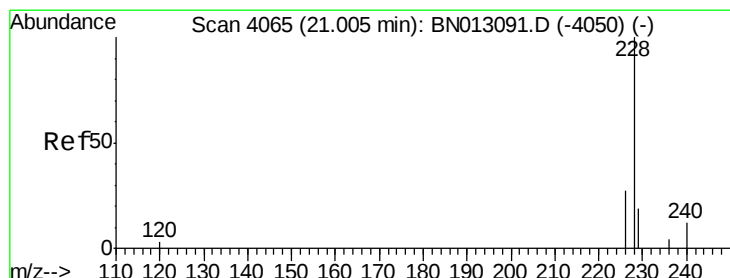
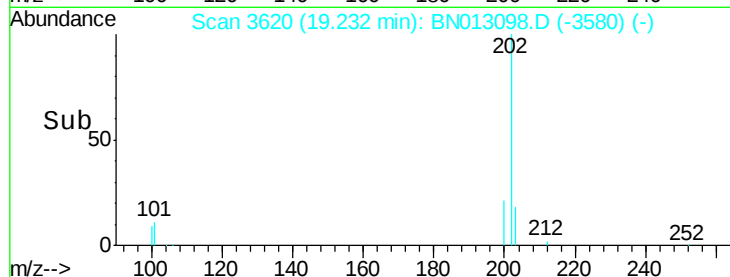
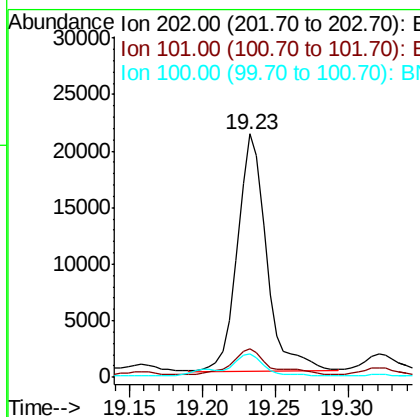
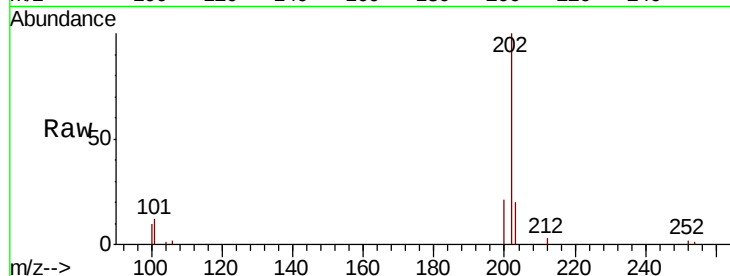
#17
Pvrene
Concen: 1.873 ng/ul
RT: 19.23 min Scan# 3620
Delta R.T. -0.01 min
Lab File: BN013098.D
Acq: 12 Dec 2020 19:10

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:	202	Resp:	29179
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.1	13.7
100	9.5	7.5	11.3

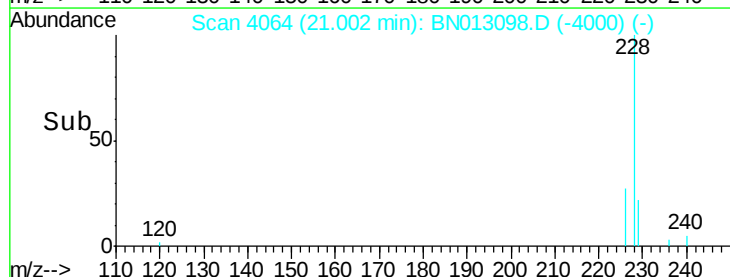
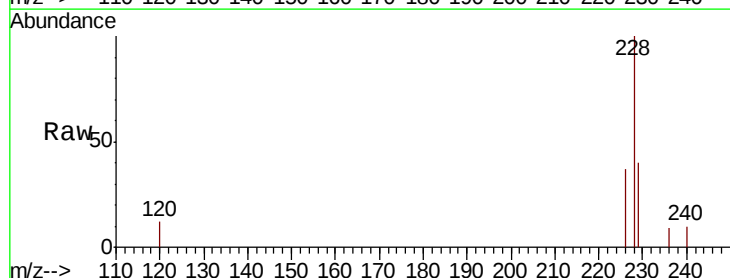
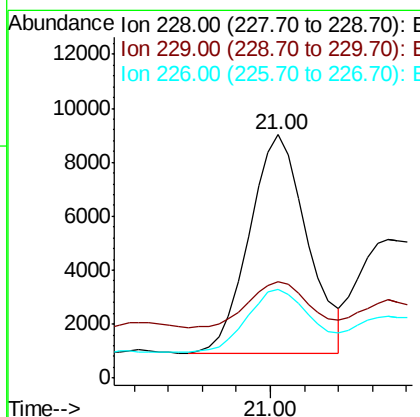
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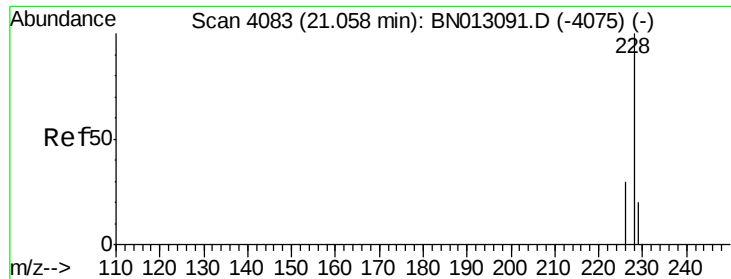
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#18
Benzo(a)anthracene
Concen: 0.701 ng/ul
RT: 21.00 min Scan# 4064
Delta R.T. -0.01 min
Lab File: BN013098.D
Acq: 12 Dec 2020 19:10

Tgt Ion:	228	Resp:	9562
Ion Ratio	Lower	Upper	
228	100		
229	39.8	16.3	24.5#
226	36.6	23.4	35.2#





#19

Chrysene

Concen: 0.680 ng/ul m

RT: 21.05 min Scan# 4081

Delta R.T. -0.01 min

Lab File: BN013098.D

Acq: 12 Dec 2020 19:10

Instrument :

BNA_N

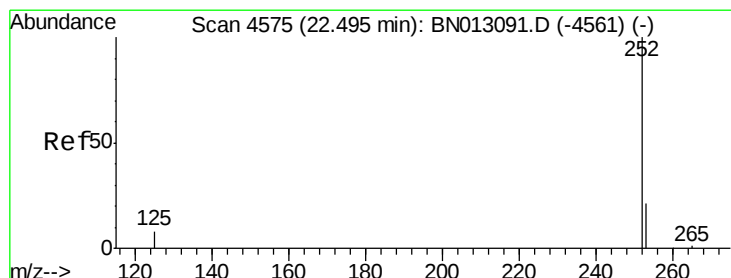
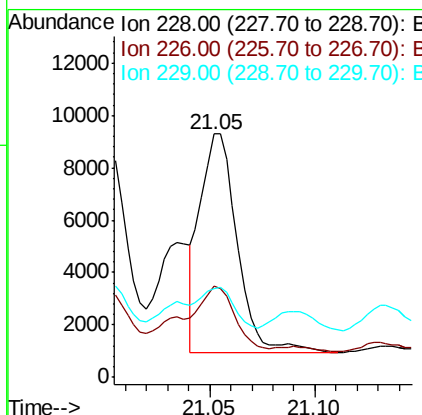
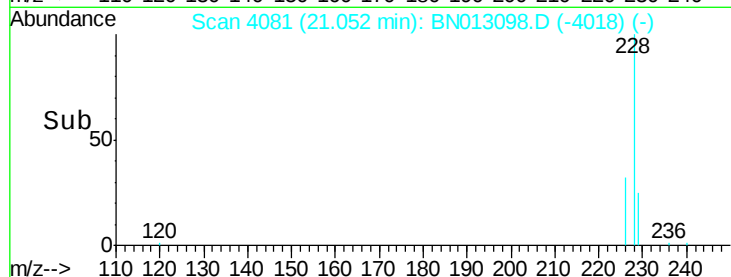
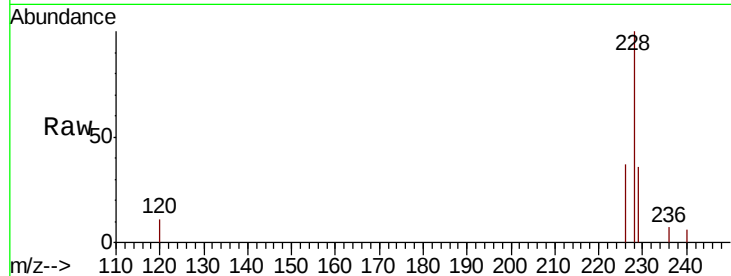
ClientSampleId :

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Tot Ion:	228	Resp:	10257
Ion Ratio	Lower	Upper	
228	100		
226	37.4	25.0	37.6
229	36.5	16.4	24.6#

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#21

Benzo(b)fluoranthene

Concen: 0.813 ng/ul m

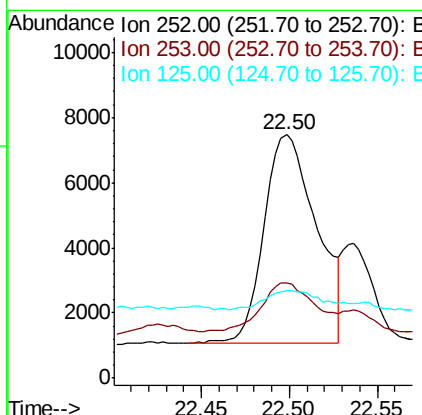
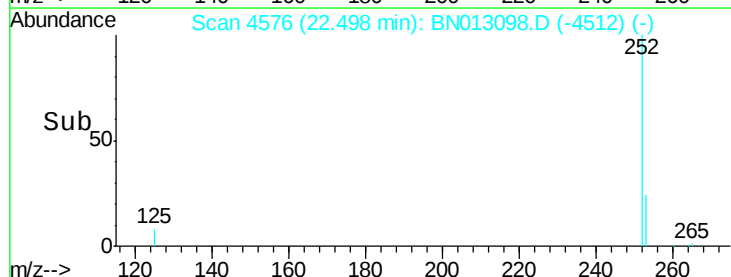
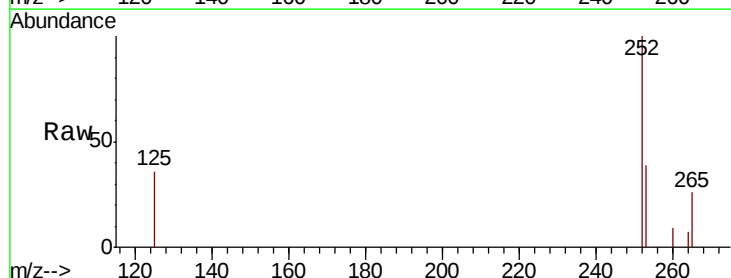
RT: 22.50 min Scan# 4576

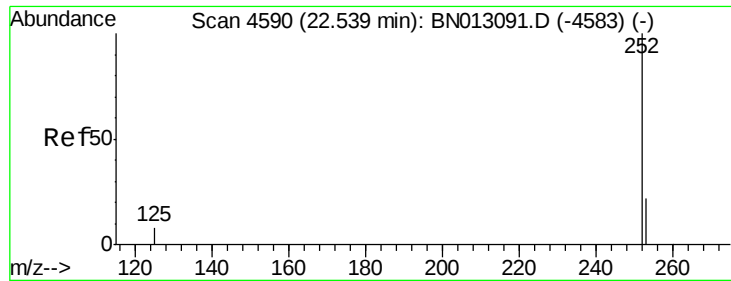
Delta R.T. -0.01 min

Lab File: BN013098.D

Acq: 12 Dec 2020 19:10

Tgt Ion:	252	Resp:	13101
Ion Ratio	Lower	Upper	
252	100		
253	39.0	0.0	59.6
125	36.1	0.0	26.0#





#22

Benzo(k)fluoranthene

Concen: 0.221 ng/ul m

RT: 22.54 min Scan# 4589

Delta R.T. -0.01 min

Lab File: BN013098.D

Acq: 12 Dec 2020 19:10

Instrument :

BNA_N

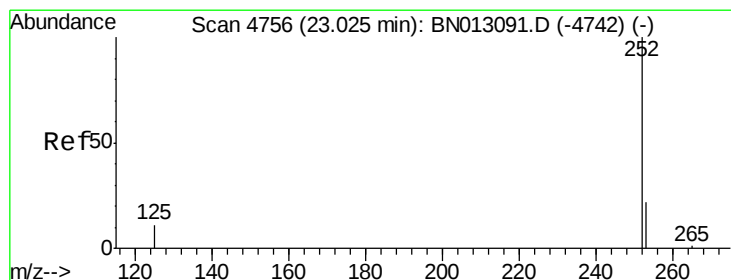
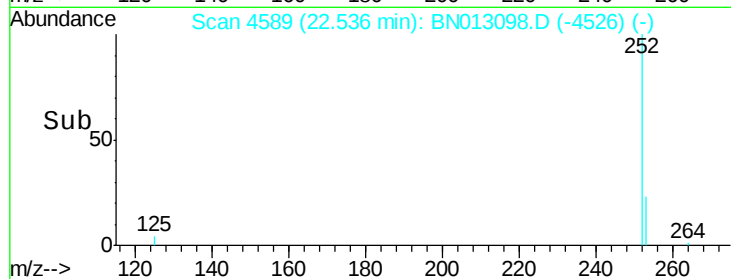
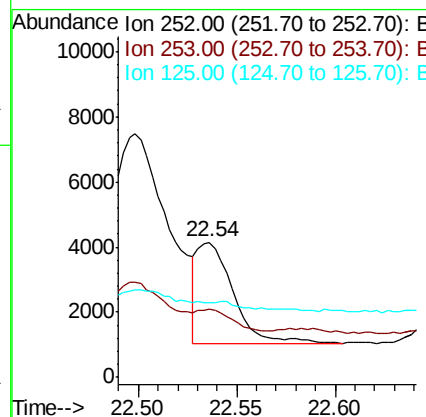
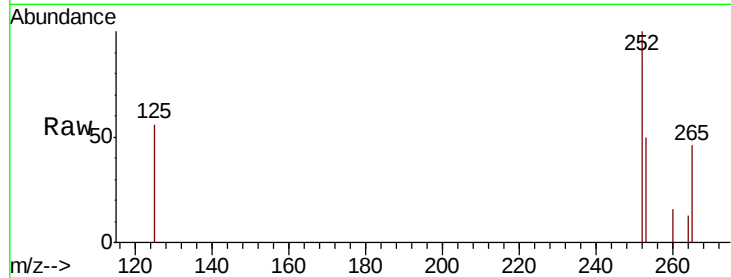
ClientSampleId :

C0AD7DL

Tot Ion:	252	Resp:	3944
Ion Ratio	Lower	Upper	
252	100		
253	50.5	23.4	35.2#
125	55.5	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 0.577 ng/ul

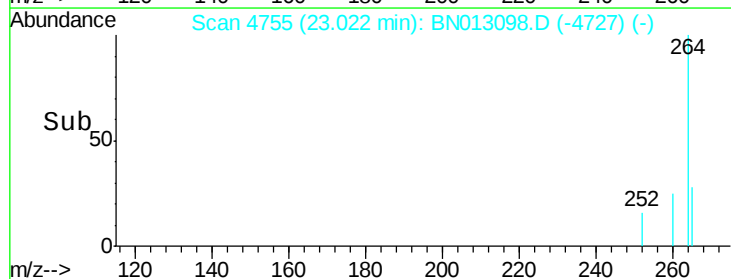
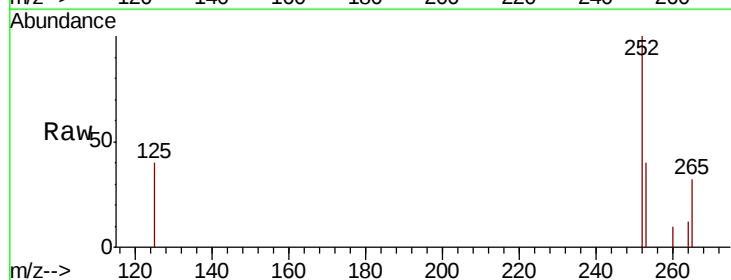
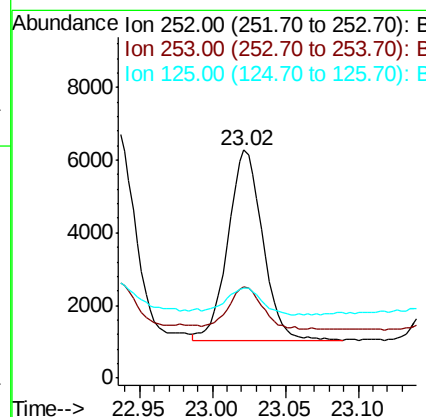
RT: 23.02 min Scan# 4755

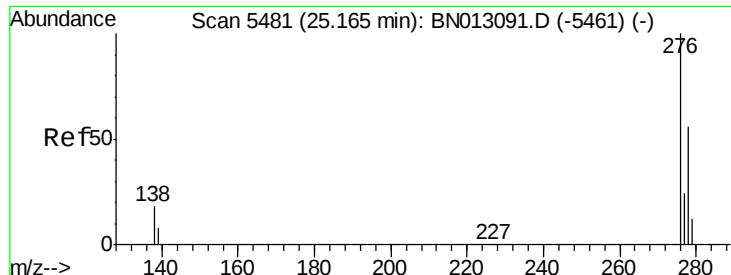
Delta R.T. -0.02 min

Lab File: BN013098.D

Acq: 12 Dec 2020 19:10

Tgt Ion:	252	Resp:	8626
Ion Ratio	Lower	Upper	
252	100		
253	39.8	26.5	39.7#
125	39.7	14.2	21.2#





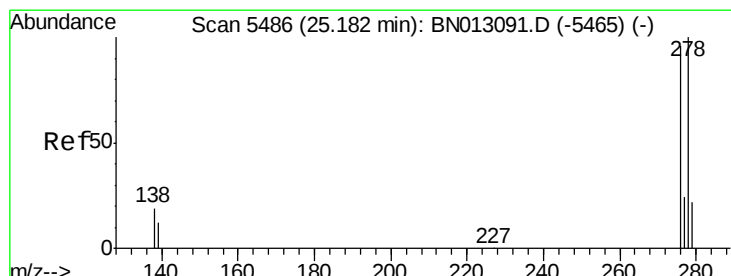
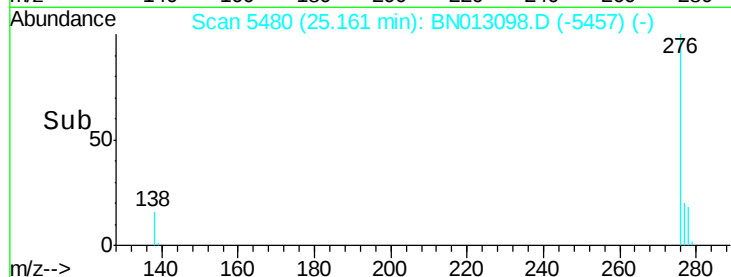
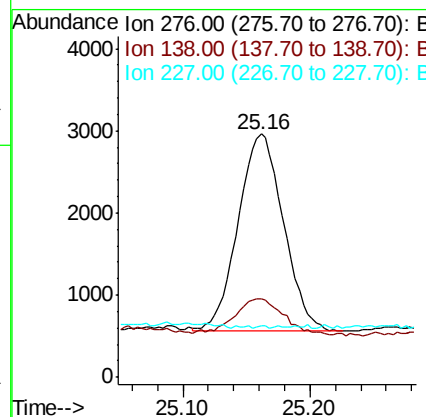
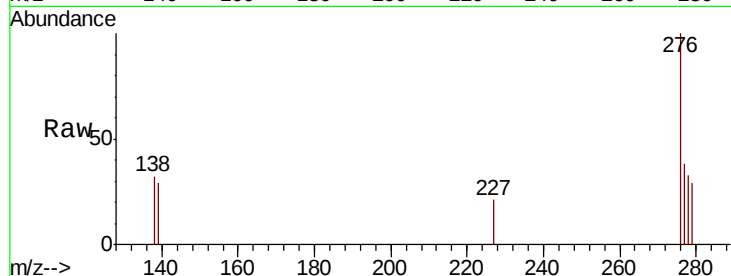
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng/uL
RT: 25.16 min Scan# 5480
Delta R.T. -0.02 min
Lab File: BN013098.D
Acq: 12 Dec 2020 19:10

Instrument :
BNA_N
ClientSampleId :
C0AD7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.2	24.2
227	0.3	0.0	0.0#

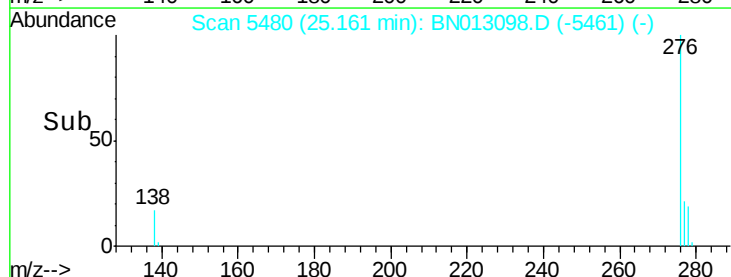
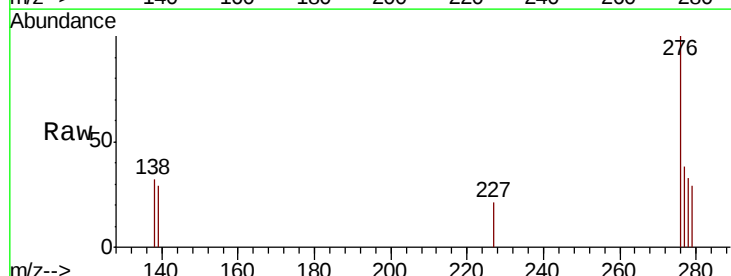
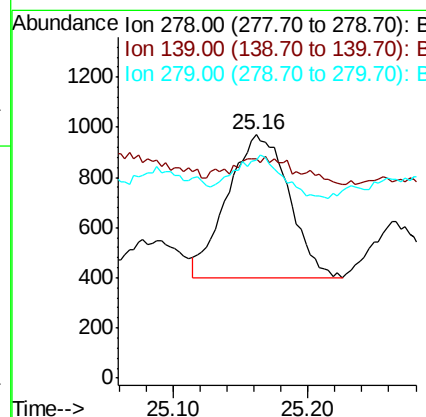
Manual Integrations
APPROVED

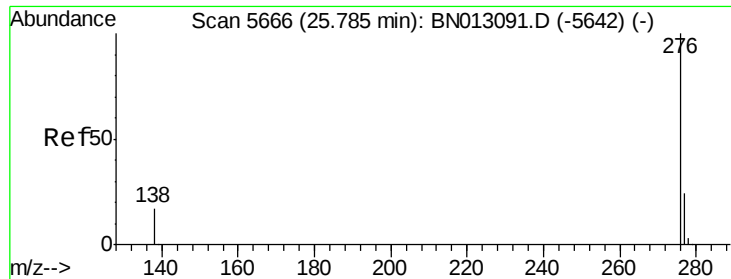
mohammad
12/15/2020 12:17:14 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.116 ng/uL
RT: 25.16 min Scan# 5480
Delta R.T. -0.04 min
Lab File: BN013098.D
Acq: 12 Dec 2020 19:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	90.0	14.5	21.7#
279	89.5	26.3	39.5#





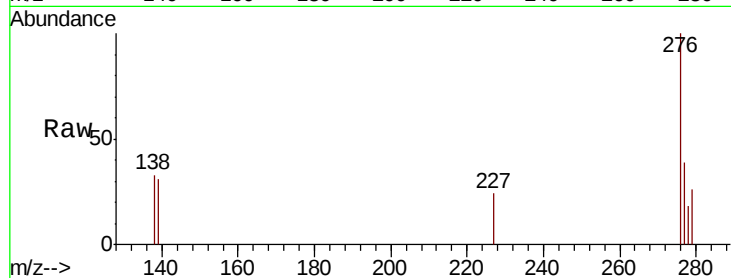
#26
 Benzo(a,h,i)perylene
 Concen: 0.328 ng/ul
 RT: 25.79 min Scan# 5666
 Delta R.T. -0.02 min
 Lab File: BN013098.D
 Acq: 12 Dec 2020 19:10

Instrument :
 BNA_N
 ClientSampleId :
 C0AD7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.7	16.3	24.5#
277	39.2	21.8	32.6#

Manual Integrations
 APPROVED

mohammad
 12/15/2020 12:17:14 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

