

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
 Data File : BN013096.D
 Acq On : 12 Dec 2020 17:58
 Operator : CG/JU
 Sample : L5063-04DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD6DL

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Quant Time: Dec 14 01:26:53 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	952	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.13	136	3949	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.03	164	3979	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.79	188	4686	0.40	ng/ul	-0.01
16) Chrysene-d12	21.02	240	4426	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	3913	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	784	0.13	ng/ul	-0.03
14) Fluoranthene-d10	18.84	212	1138	0.09	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.17	128	31222	2.732	ng/ul	95
5) 2-Methylnaphthalene	11.80	142	159026	21.186	ng/ul	99
7) Acenaphthylene	13.75	152	8292m	0.440	ng/ul	
8) Acenaphthene	14.09	153	14188	0.918	ng/ul	93
9) Fluorene	15.09	166	26730	1.508	ng/ul#	88
12) Phenanthrene	16.84	178	343447	21.860	ng/ul	97
13) Anthracene	16.92	178	29765	2.226	ng/ul#	91
15) Fluoranthene	18.87	202	46540	2.493	ng/ul	92
17) Pyrene	19.24	202	254435	12.171	ng/ul	99
18) Benzo(a)anthracene	21.01	228	26813	1.464	ng/ul#	35
19) Chrysene	21.06	228	35502	1.755	ng/ul#	71
21) Benzo(b)fluoranthene	22.50	252	16475m	0.910	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	1362m	0.068	ng/ul	
23) Benzo(a)pyrene	23.03	252	14801	0.881	ng/ul#	35
24) Indeno(1,2,3-cd)pyrene	25.17	276	5052	0.229	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.17	278	2790	0.160	ng/ul#	1
26) Benzo(a,h,i)perylene	25.80	276	9517	0.477	ng/ul#	58

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

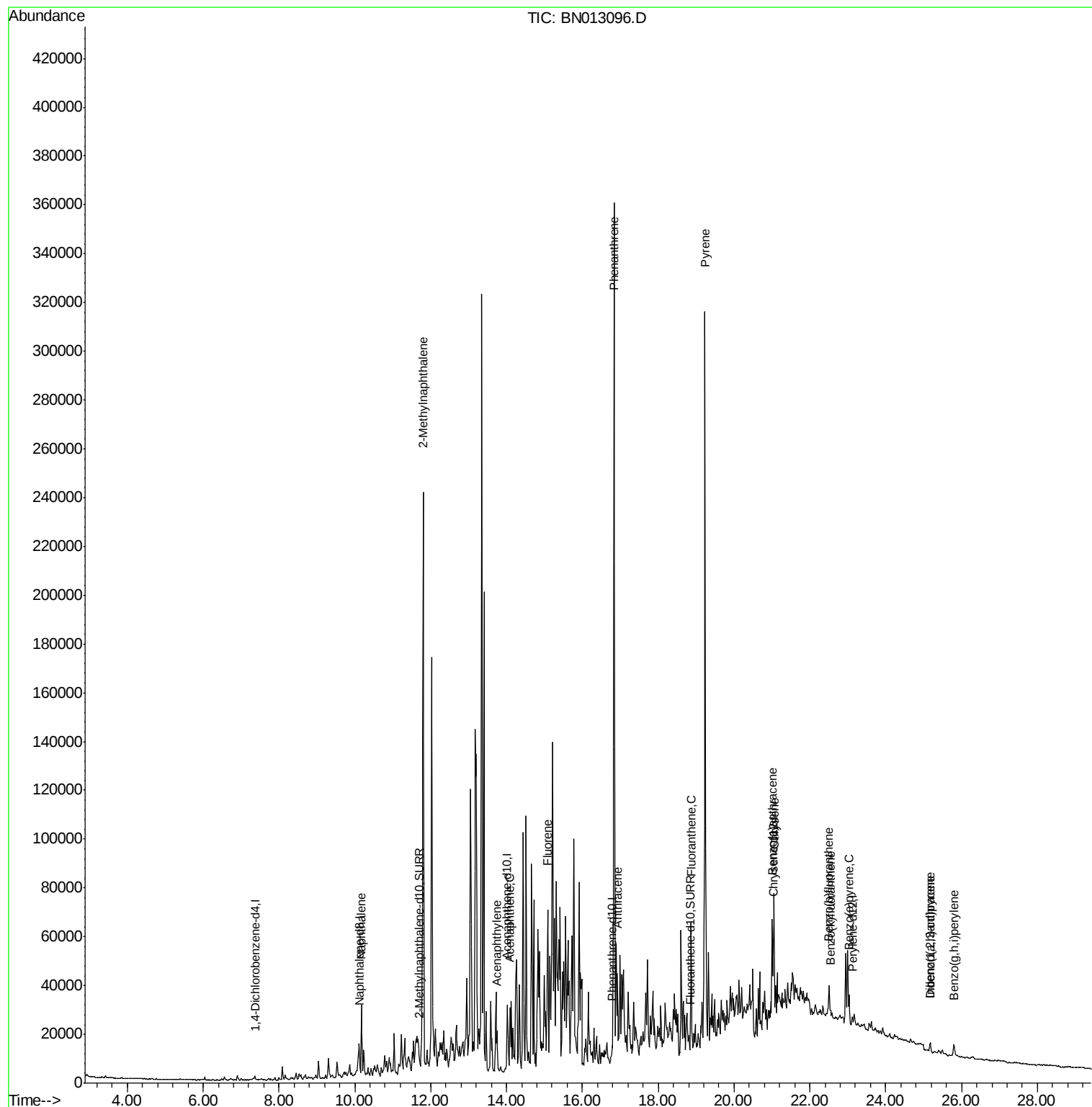
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
Data File : BN013096.D
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ALS Vial : 7 Sample Multiplier: 1

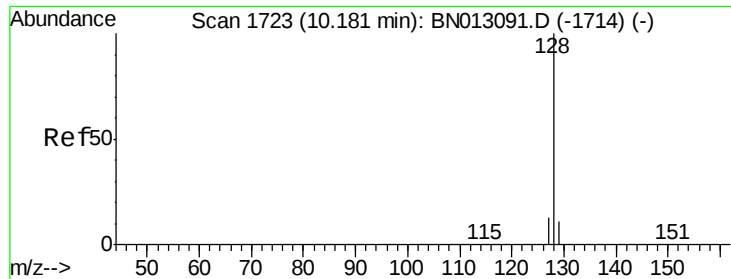
Instrument :
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Quant Time: Dec 14 01:26:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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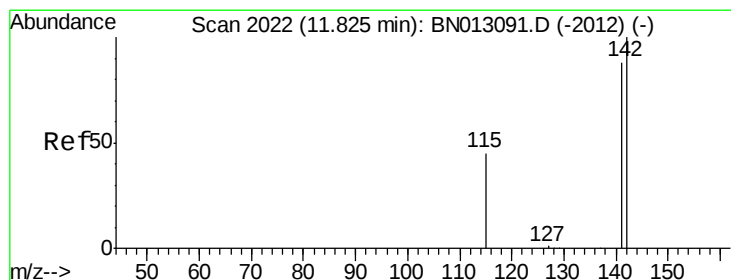
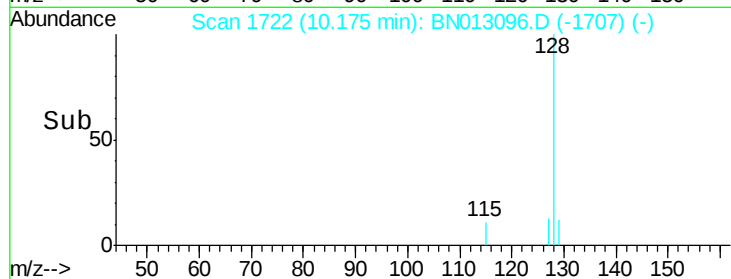
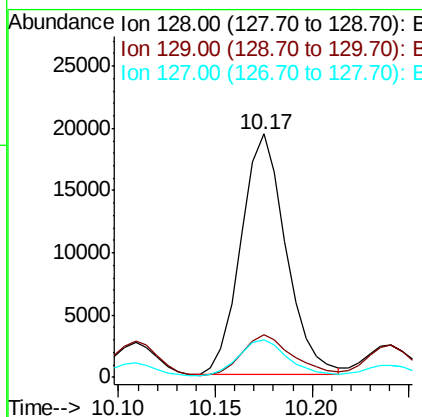
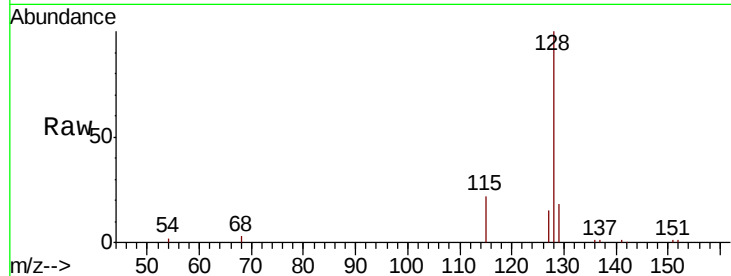
#3
Naphthalene
Concen: 2.732 ng/ul
RT: 10.17 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BN013096.D
Acq: 12 Dec 2020 17:58

Instrument :
BNA_N
ClientSampleId :
C0AD6DL

Tot Ion:128	Resp:	31222
Ion Ratio	Lower	Upper
128	100	
129	17.6	12.3 18.5
127	15.4	14.2 21.4

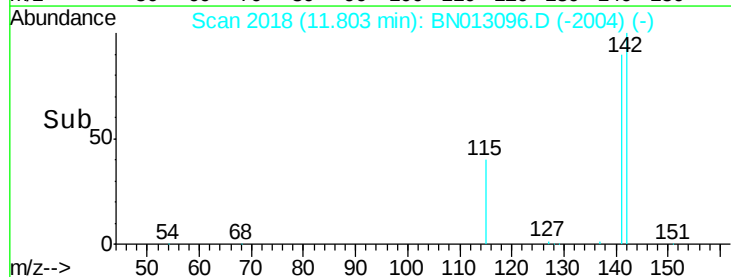
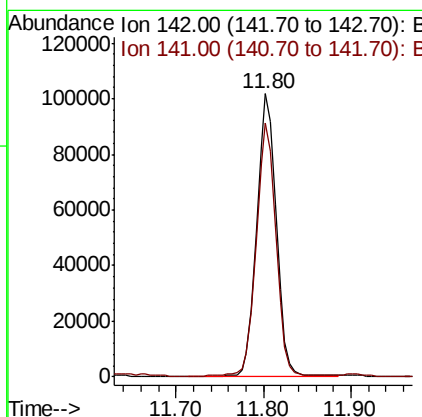
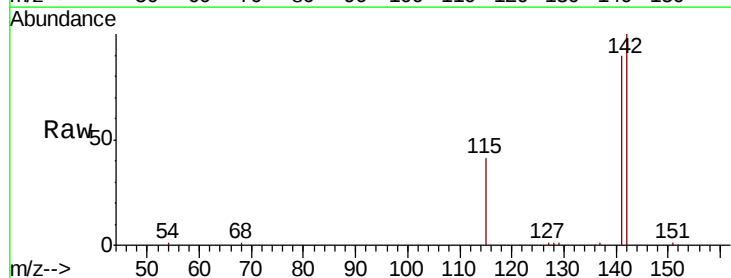
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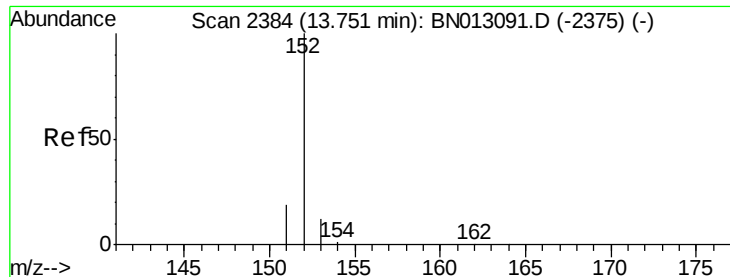
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#5
2-Methylnaphthalene
Concen: 21.186 ng/ul
RT: 11.80 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BN013096.D
Acq: 12 Dec 2020 17:58

Tgt Ion:142	Resp:	159026
Ion Ratio	Lower	Upper
142	100	
141	90.3	73.0 109.6





#7

Acenaphthylene

Concen: 0.440 ng/ul m

RT: 13.75 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BN013096.D

Acq: 12 Dec 2020 17:58

Instrument :

BNA_N

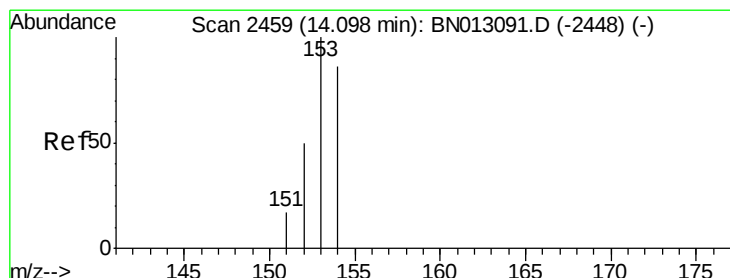
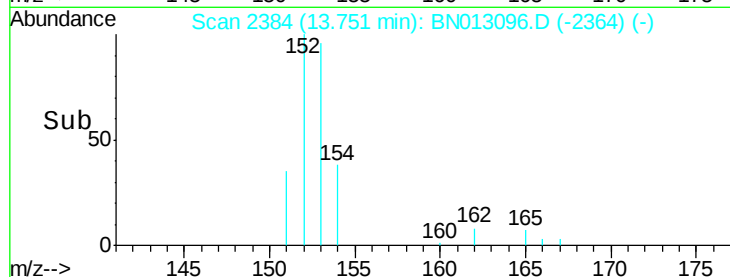
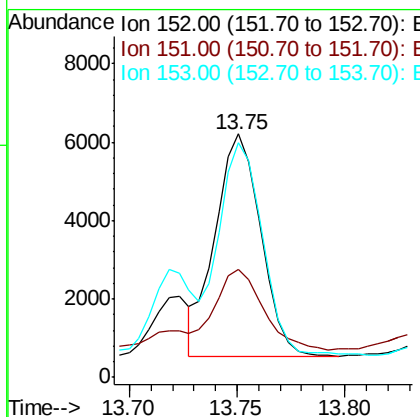
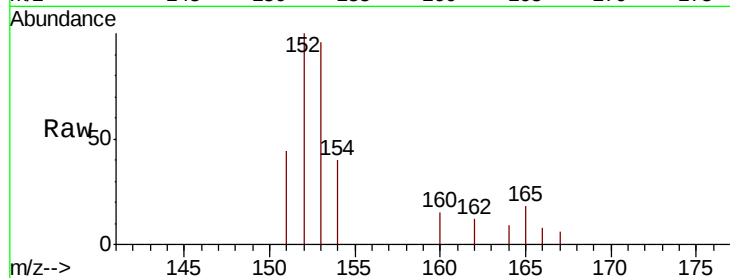
ClientSampleId :

C0AD6DL

Tot Ion:	152	Resp:	8292
Ion Ratio	Lower	Upper	
152	100		
151	44.4	18.2	27.4#
153	96.4	13.1	19.7#

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#8

Acenaphthene

Concen: 0.918 ng/ul

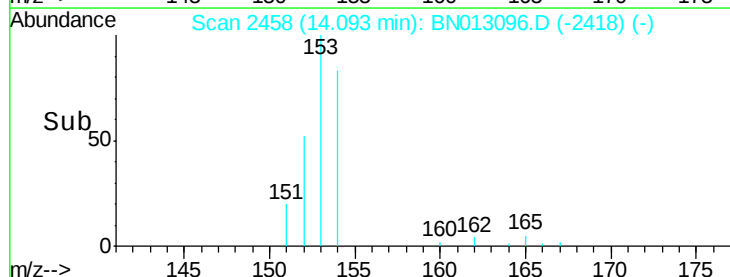
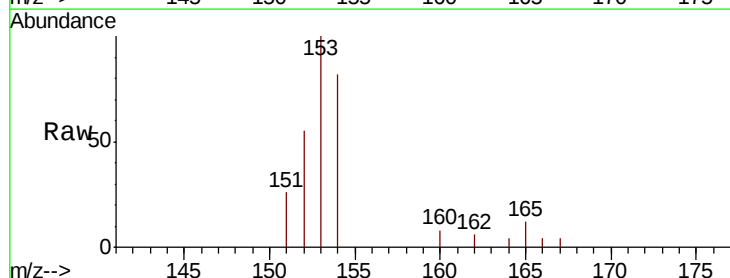
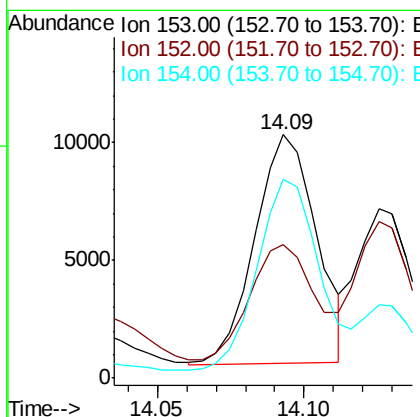
RT: 14.09 min Scan# 2458

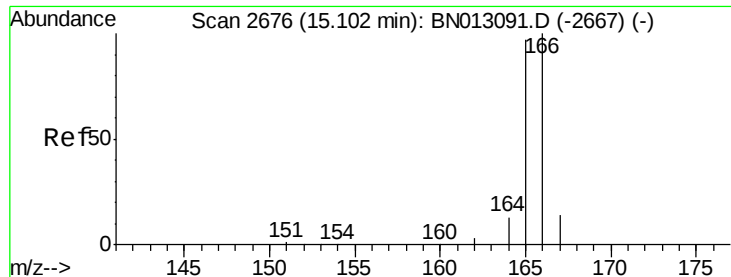
Delta R.T. -0.01 min

Lab File: BN013096.D

Acq: 12 Dec 2020 17:58

Tgt Ion:	153	Resp:	14188
Ion Ratio	Lower	Upper	
153	100		
152	54.9	40.7	61.1
154	81.8	70.8	106.2





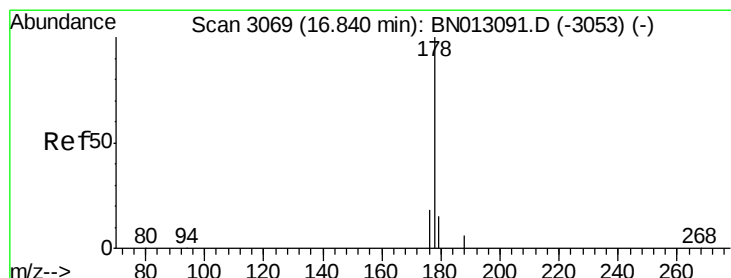
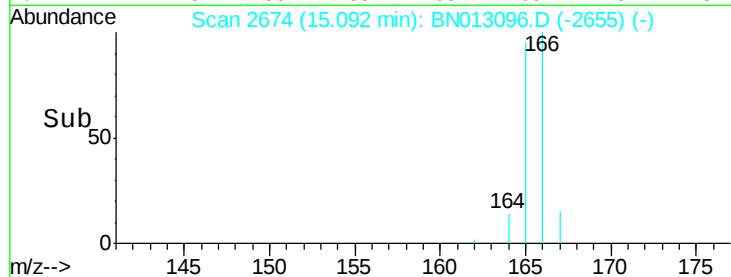
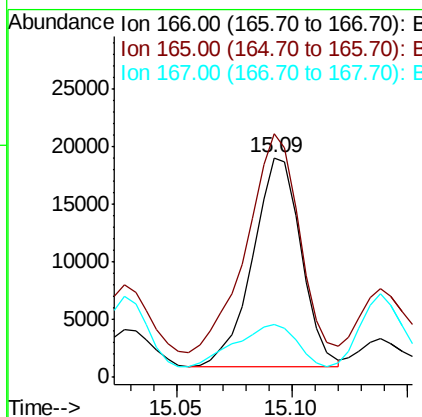
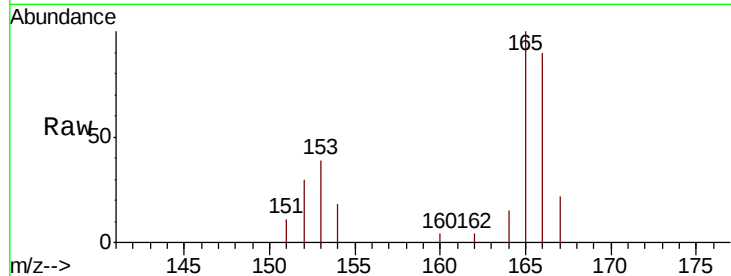
#9
Fluorene
 Concen: 1.508 ng/ul
 RT: 15.09 min Scan# 2674
 Delta R.T. -0.01 min
 Lab File: BN013096.D
 Acq: 12 Dec 2020 17:58

Instrument :
 BNA_N
 ClientSampleId :
 C0AD6DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	110.8	79.8	119.8
167	24.1	13.8	20.8

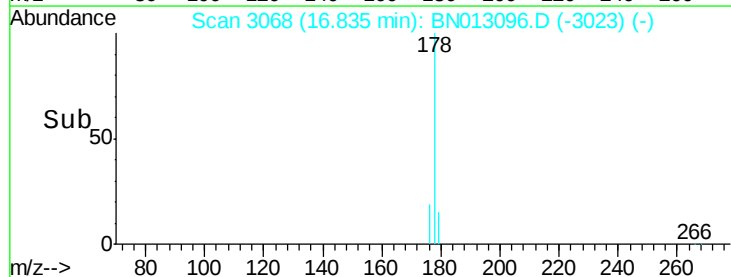
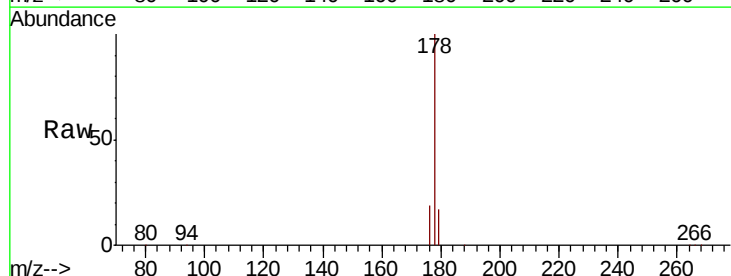
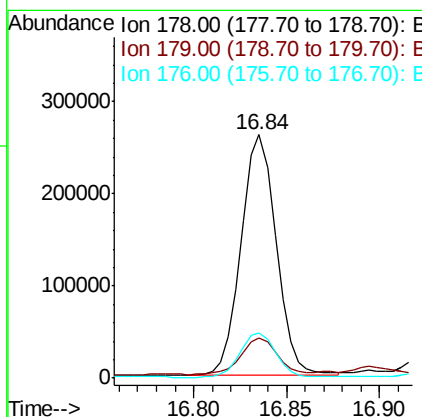
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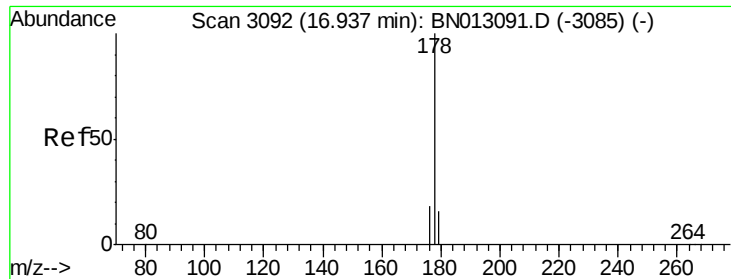
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#12
Phenanthrene
 Concen: 21.860 ng/ul
 RT: 16.84 min Scan# 3068
 Delta R.T. -0.01 min
 Lab File: BN013096.D
 Acq: 12 Dec 2020 17:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.6	20.4
176	18.8	16.4	24.6





#13

Anthracene

Concen: 2.226 ng/ul

RT: 16.92 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BN013096.D

Acq: 12 Dec 2020 17:58

Instrument :

BNA_N

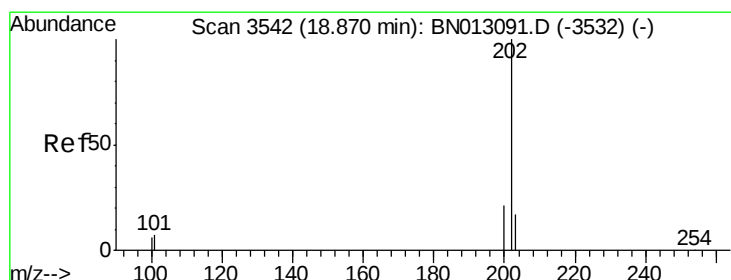
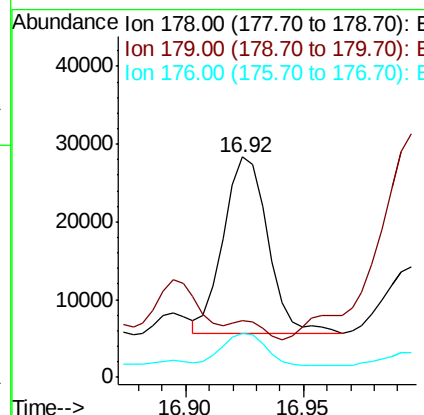
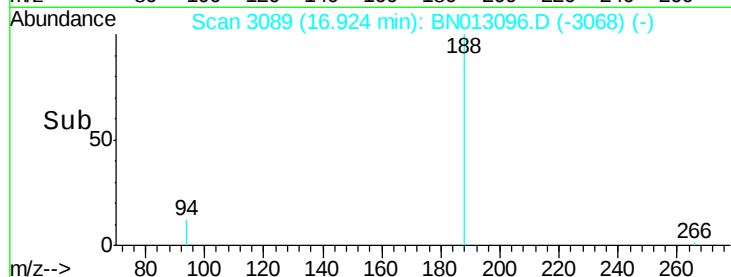
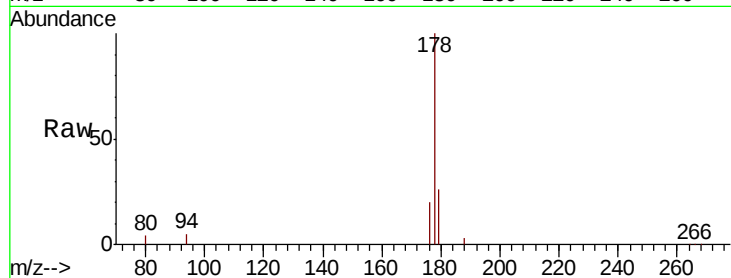
ClientSampleId :

C0AD6DL

Tot Ion:178	Resp:	29765
Ion Ratio	Lower	Upper
178	100	
179	25.7	14.6 21.8#
176	20.2	17.1 25.7

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#15

Fluoranthene

Concen: 2.493 ng/ul

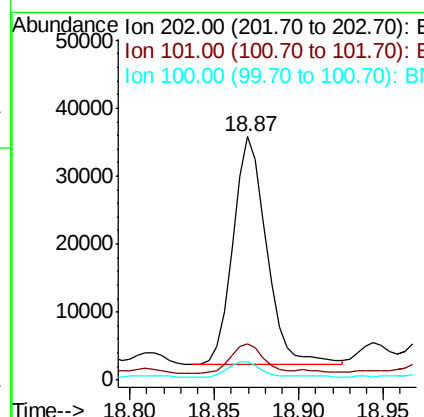
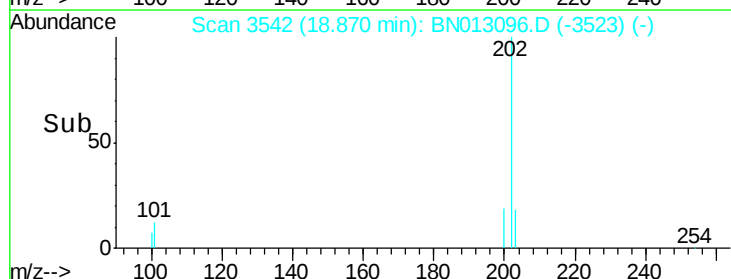
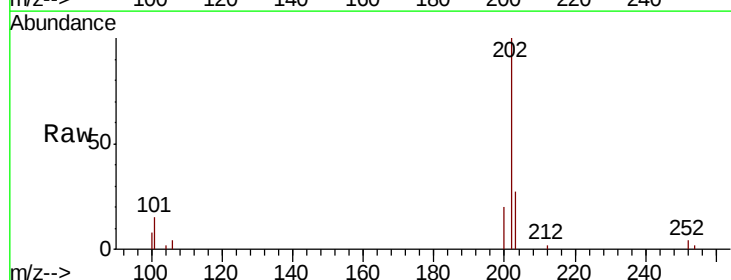
RT: 18.87 min Scan# 3542

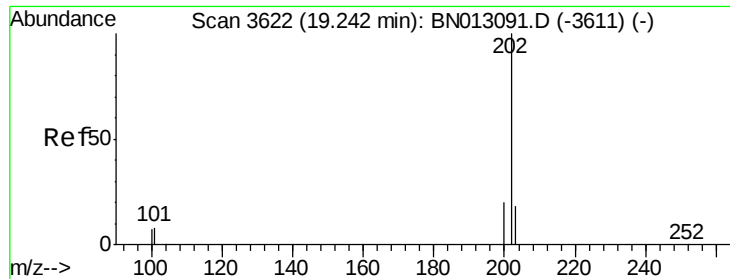
Delta R.T. -0.01 min

Lab File: BN013096.D

Acq: 12 Dec 2020 17:58

Tgt Ion:202	Resp:	46540
Ion Ratio	Lower	Upper
202	100	
101	15.1	0.0 30.6
100	7.8	0.0 28.7





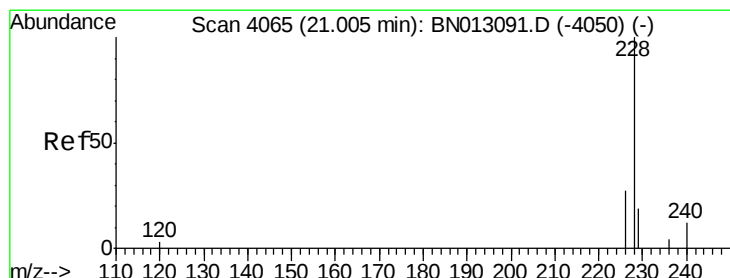
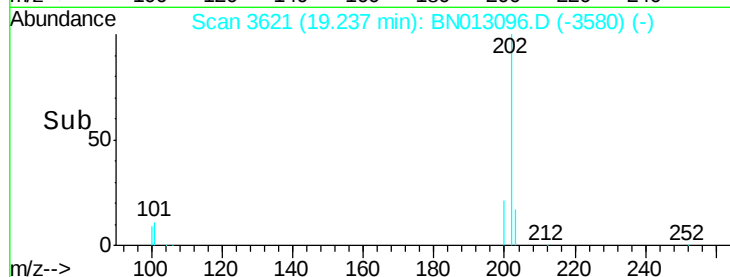
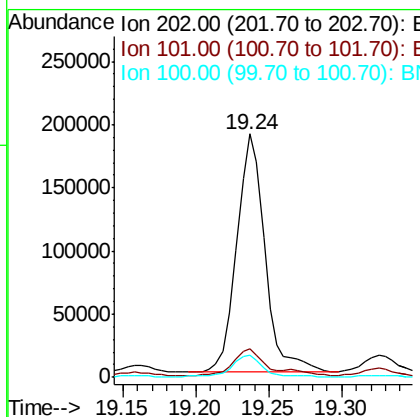
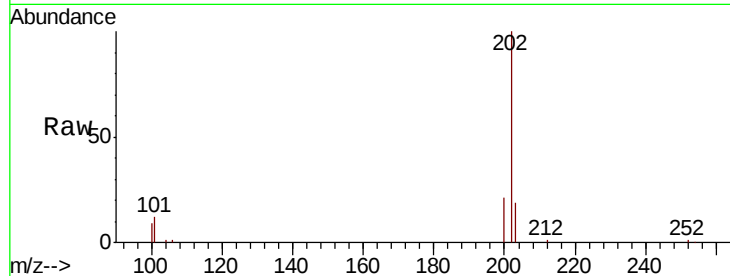
#17
Pvrene
Concen: 12.171 ng/ul
RT: 19.24 min Scan# 3621
Delta R.T. -0.01 min
Lab File: BN013096.D
Acq: 12 Dec 2020 17:58

Instrument :
BNA_N
ClientSampleId :
C0AD6DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.6	9.1	13.7
100	9.2	7.5	11.3

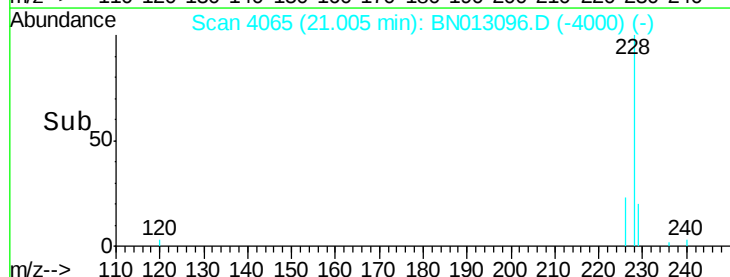
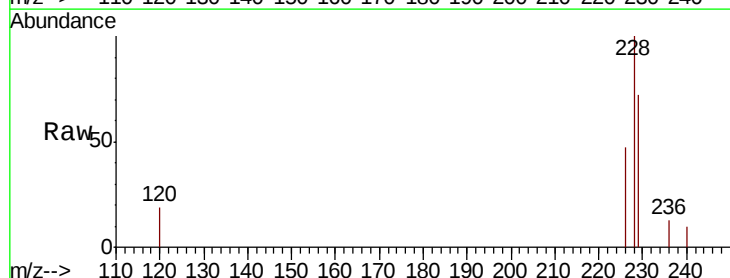
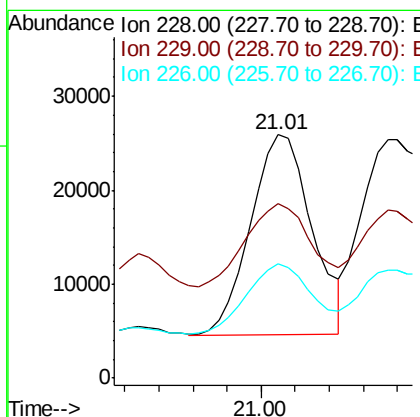
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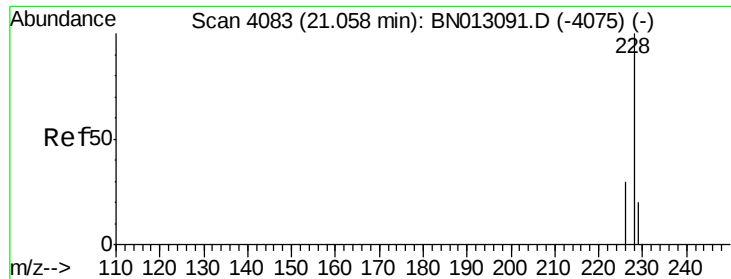
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#18
Benzo(a)anthracene
Concen: 1.464 ng/ul
RT: 21.01 min Scan# 4065
Delta R.T. -0.01 min
Lab File: BN013096.D
Acq: 12 Dec 2020 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	71.6	16.3	24.5#
226	46.7	23.4	35.2#





#19

Chrysene

Concen: 1.755 ng/ul

RT: 21.06 min Scan# 4083

Delta R.T. -0.01 min

Lab File: BN013096.D

Acq: 12 Dec 2020 17:58

Instrument :

BNA_N

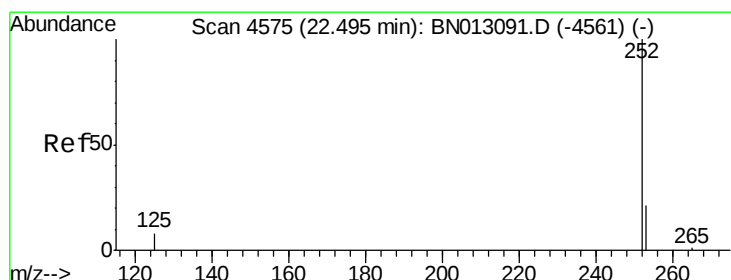
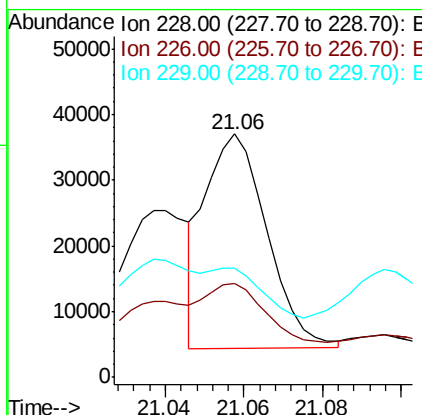
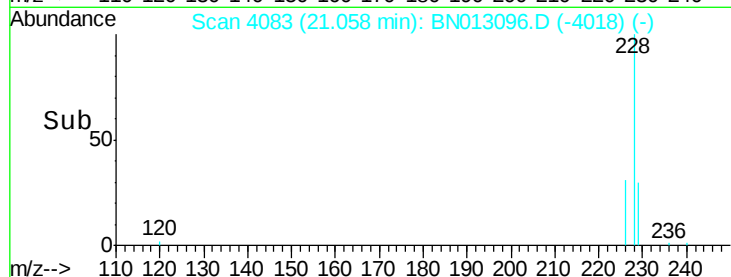
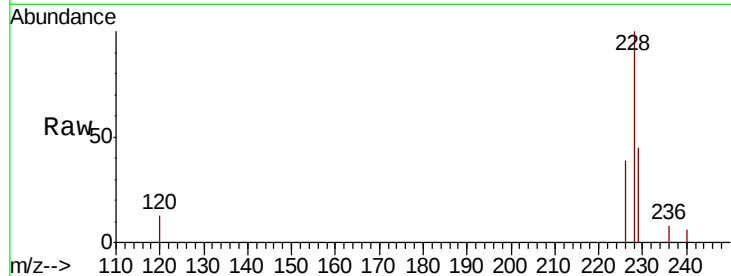
ClientSampleId :

C0AD6DL

Tot Ion:	228	Resp:	35502
Ion Ratio	Lower	Upper	
228	100		
226	38.6	25.0	37.6#
229	44.6	16.4	24.6#

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#21

Benzo(b)fluoranthene

Concen: 0.910 ng/ul m

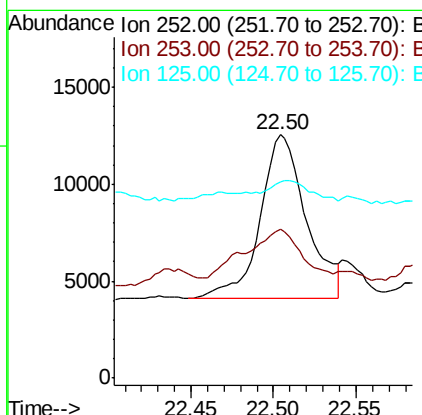
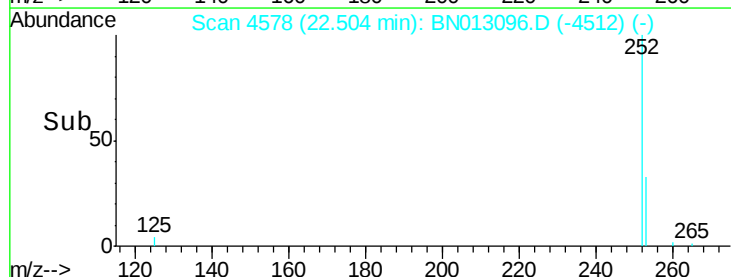
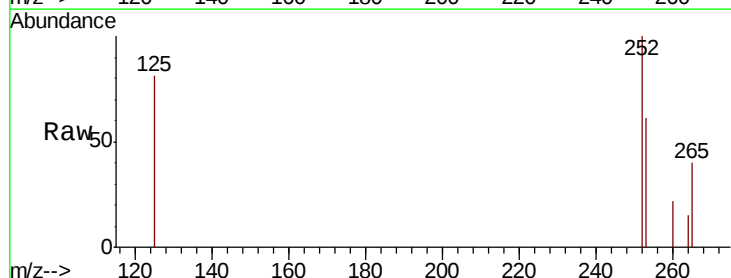
RT: 22.50 min Scan# 4578

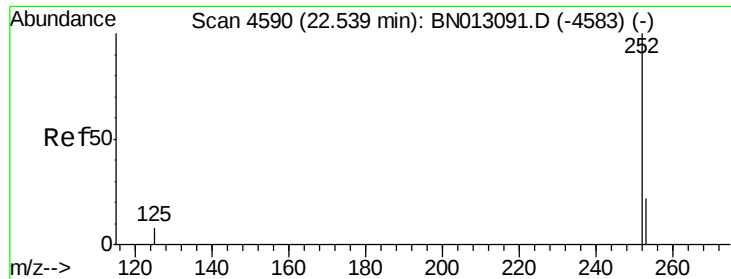
Delta R.T. -0.01 min

Lab File: BN013096.D

Acq: 12 Dec 2020 17:58

Tgt Ion:	252	Resp:	16475
Ion Ratio	Lower	Upper	
252	100		
253	61.3	0.0	59.6#
125	80.5	0.0	26.0#





#22

Benzo(k)fluoranthene

Concen: 0.068 ng/ul

RT: 22.54 min Scan# 4591

Delta R.T. -0.01 min

Lab File: BN013096.D

Acq: 12 Dec 2020 17:58

Instrument :

BNA_N

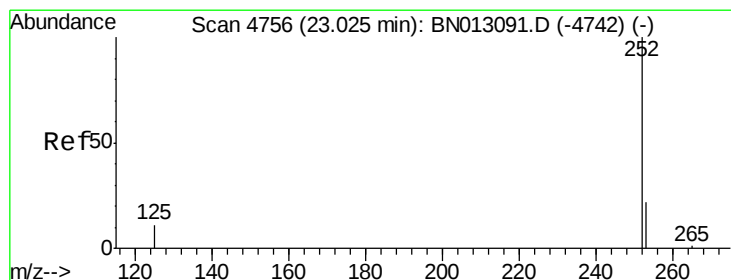
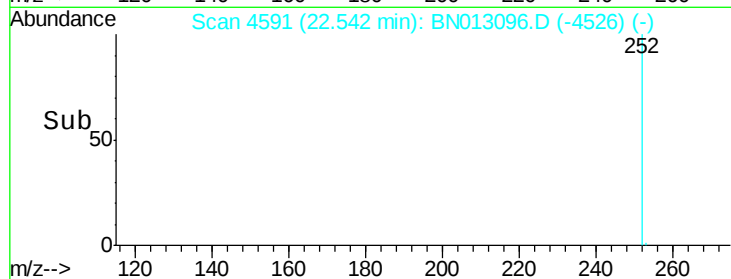
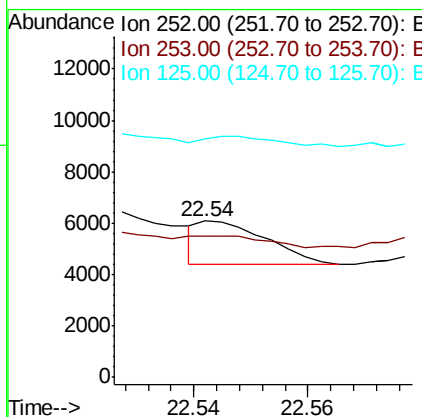
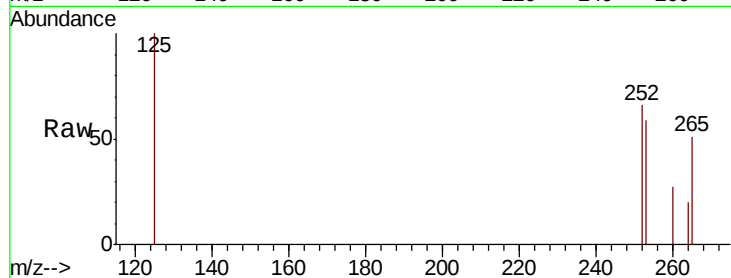
ClientSampleId :

C0AD6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	90.3	23.4	35.2#
125	152.5	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 0.881 ng/ul

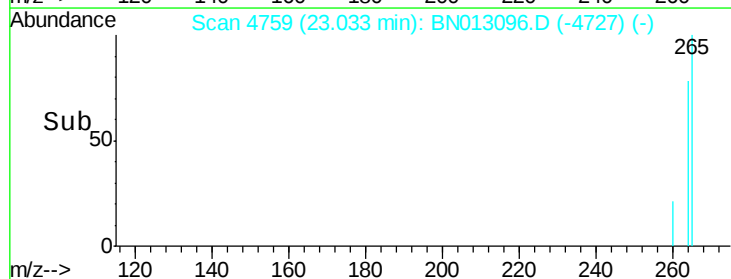
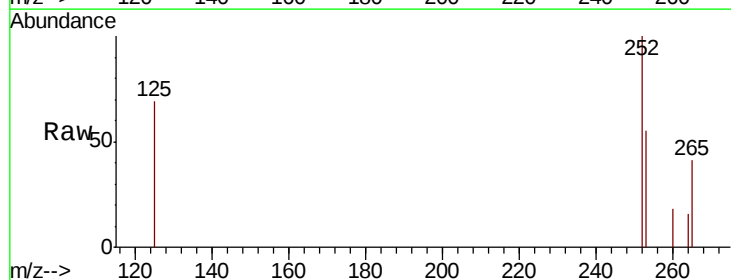
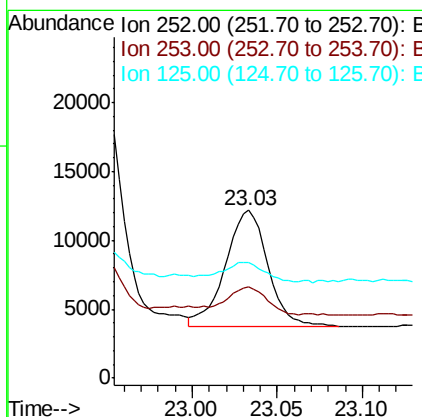
RT: 23.03 min Scan# 4759

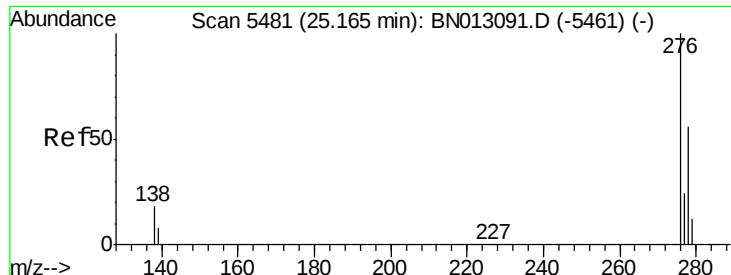
Delta R.T. -0.01 min

Lab File: BN013096.D

Acq: 12 Dec 2020 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	54.8	26.5	39.7#
125	68.9	14.2	21.2#





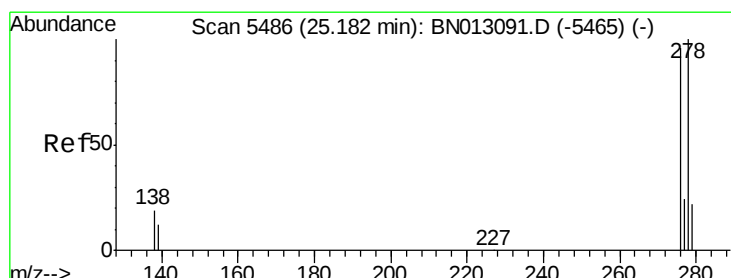
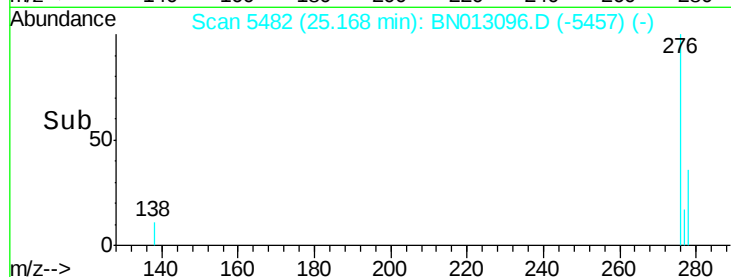
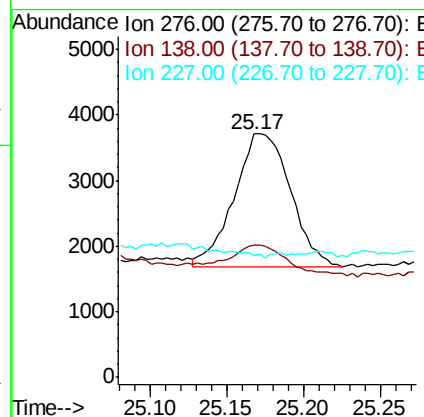
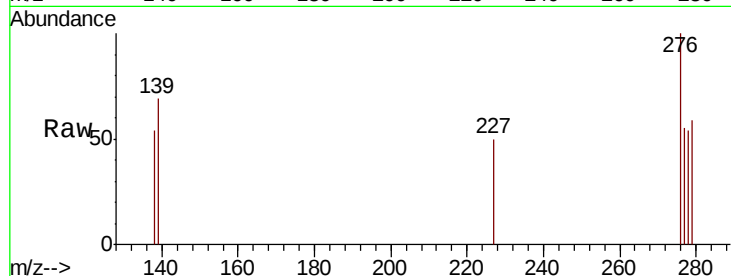
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.229 ng/ul
RT: 25.17 min Scan# 5482
Delta R.T. -0.02 min
Lab File: BN013096.D
Acq: 12 Dec 2020 17:58

Instrument :
BNA_N
ClientSampleId :
C0AD6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	16.2	24.2#
227	1.5	0.0	0.0#

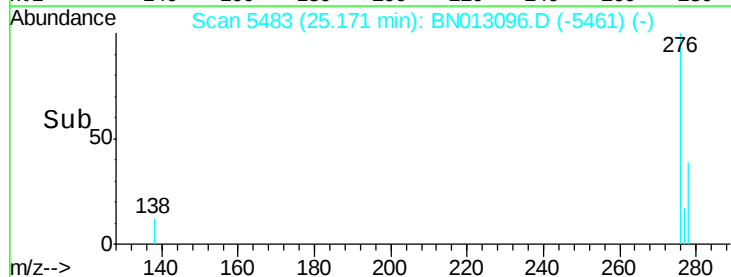
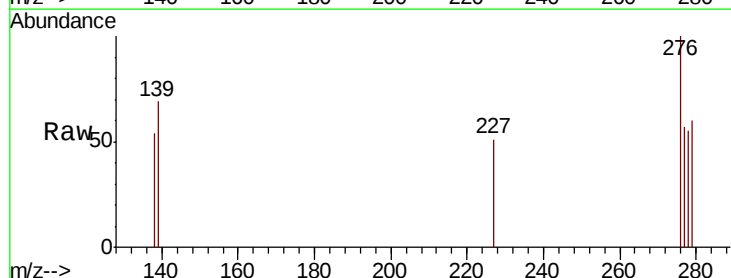
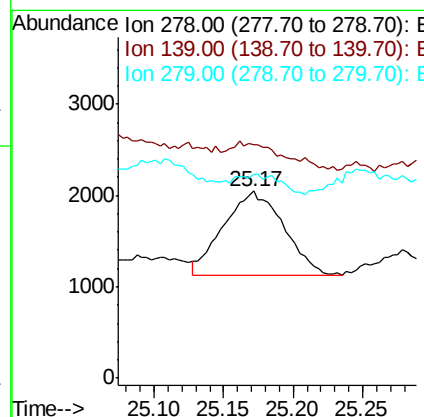
Manual Integrations
APPROVED

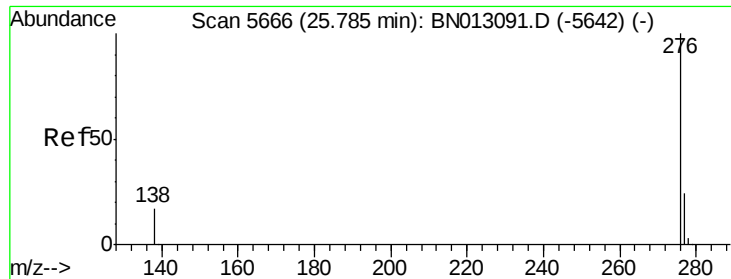
mohammad
12/15/2020 12:17:08 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.160 ng/ul
RT: 25.17 min Scan# 5483
Delta R.T. -0.03 min
Lab File: BN013096.D
Acq: 12 Dec 2020 17:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	124.7	14.5	21.7#
279	109.5	26.3	39.5#





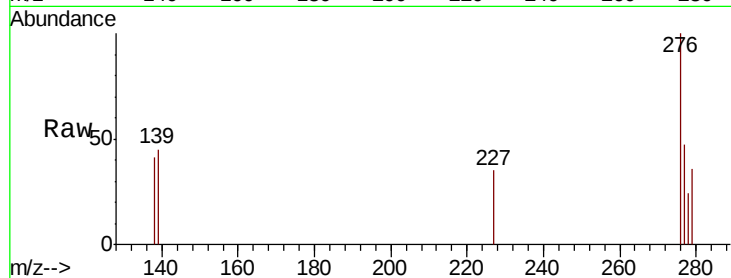
#26
 Benzo(a,h,i)perylene
 Concen: 0.477 ng/ul
 RT: 25.80 min Scan# 5671
 Delta R.T. -0.01 min
 Lab File: BN013096.D
 Acq: 12 Dec 2020 17:58

Instrument :
 BNA_N
 ClientSampleId :
 C0AD6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	41.4	16.3	24.5#
277	47.5	21.8	32.6#

Manual Integrations
 APPROVED

mohammad
 12/15/2020 12:17:08 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

