

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011754.D
 Acq On : 09 Sep 2020 02:08
 Operator : CG/JU
 Sample : L3843-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0

Manual Integrations
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 9/9/2020 3:46:35 PM

Quant Time: Sep 09 07:35:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 07:05:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2049	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8074	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4784	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	10291m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	8956	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	9135	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3556	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7712	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1600	0.067	ng/ul#	93
7) Acenaphthylene	14.09	152	3445	0.149	ng/ul	96
8) Acenaphthene	14.44	153	434	0.023	ng/ul	93
9) Fluorene	15.43	166	566	0.026	ng/ul#	95
12) Phenanthrene	17.16	178	3372	0.097	ng/ul#	96
13) Anthracene	17.25	178	4516	0.147	ng/ul	95
15) Fluoranthene	19.18	202	23955	0.623	ng/ul	98
17) Pyrene	19.54	202	42000	1.056	ng/ul	98
18) Benzo(a)anthracene	21.29	228	11908	0.342	ng/ul	95
19) Chrysene	21.34	228	21317	0.548	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	38959m	0.910	ng/ul	
22) Benzo(k)fluoranthene	22.92	252	13332m	0.304	ng/ul	
23) Benzo(a)pyrene	23.46	252	20639	0.558	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.82	276	12533	0.258	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	3664	0.092	ng/ul#	81
26) Benzo(a,h,i)perylene	26.51	276	11115	0.262	ng/ul	95

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

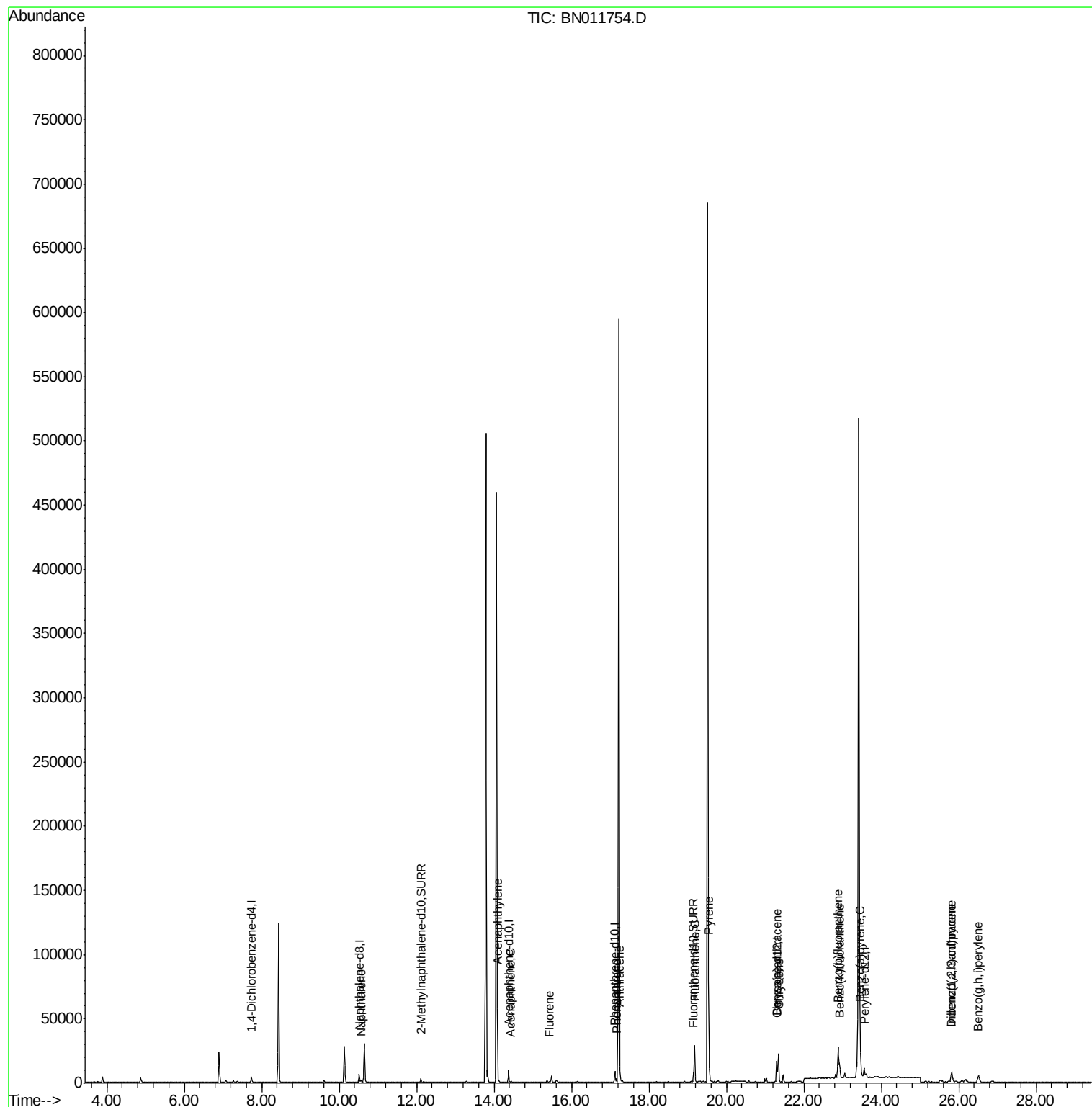
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011754.D
Acq On : 09 Sep 2020 02:08
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Sample : L3843-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

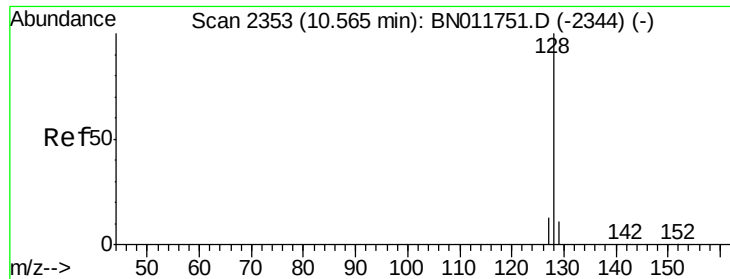
Instrument :
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Quant Time: Sep 09 07:35:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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QLast Update : Wed Sep 09 07:05:35 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.067 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Instrument :

BNA_N

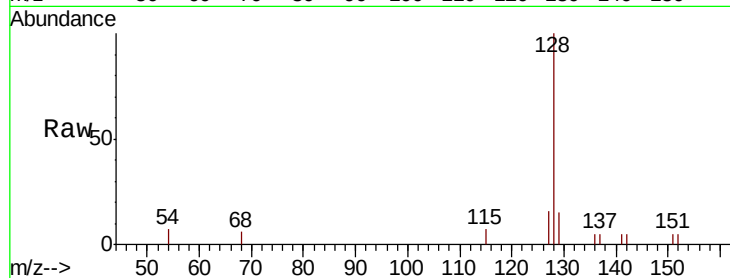
ClientSampled :

C0AD0

Tot Ion:128	Resp:	1600
Ion Ratio	Lower	Upper
128	100	
129	15.4	9.8 14.6#
127	15.8	11.0 16.6

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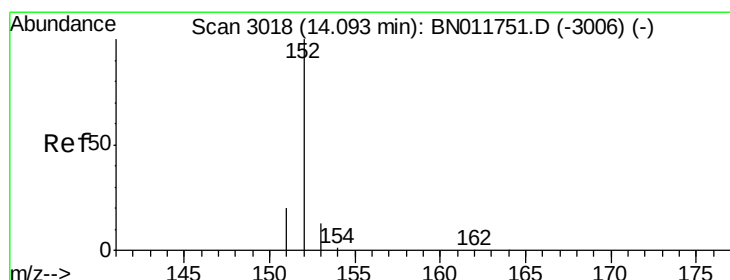
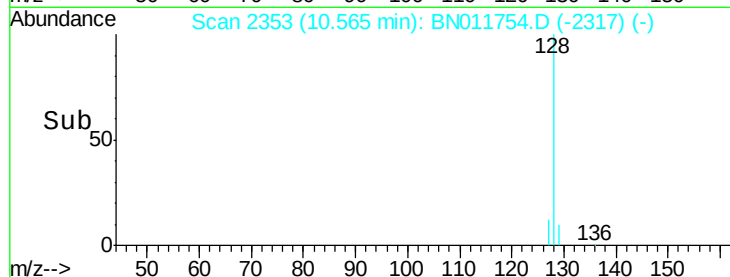
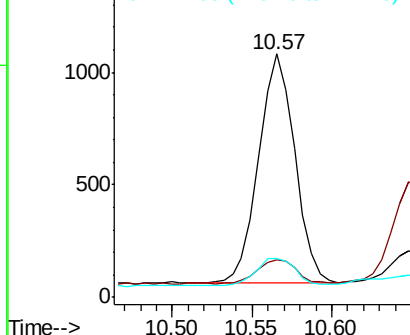


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.149 ng/ul

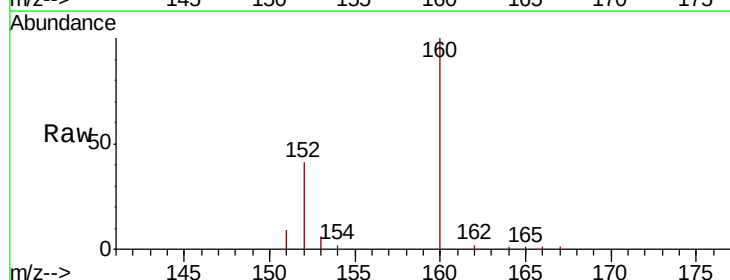
RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Tgt Ion:152	Resp:	3445
Ion Ratio	Lower	Upper
152	100	
151	22.3	16.2 24.4
153	15.5	11.4 17.0

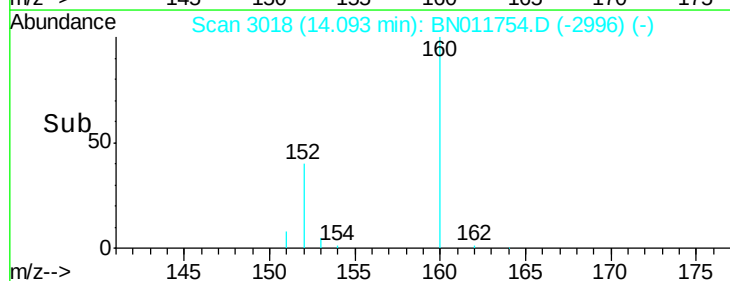
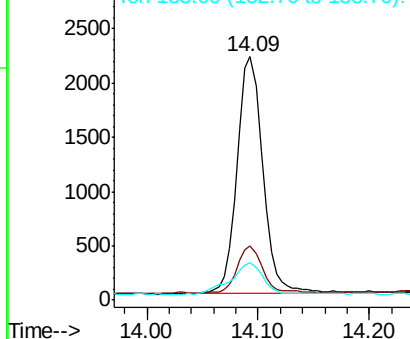


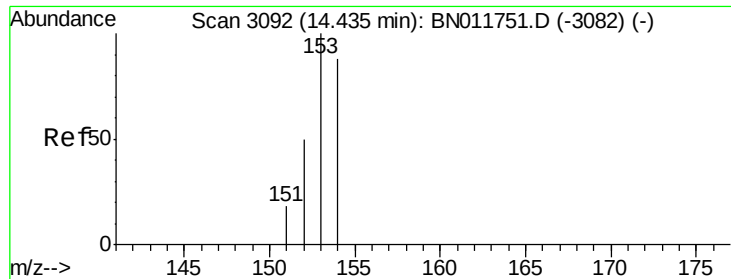
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.44 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Instrument :

BNA_N

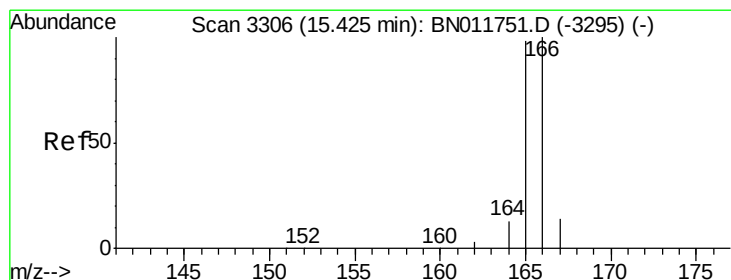
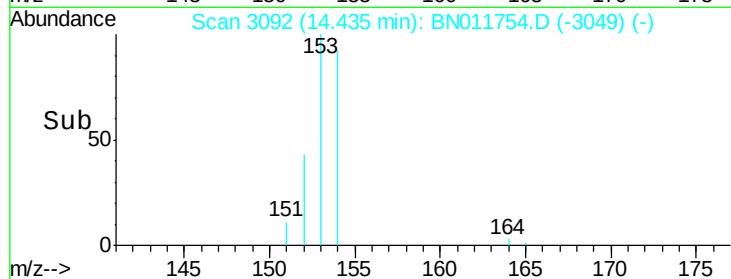
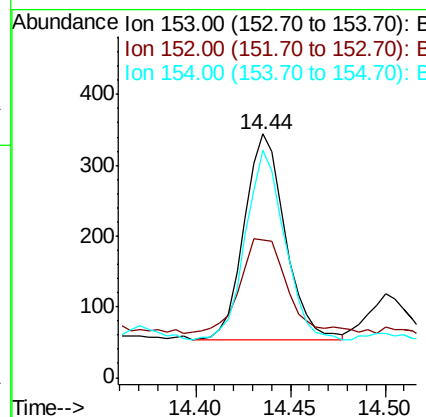
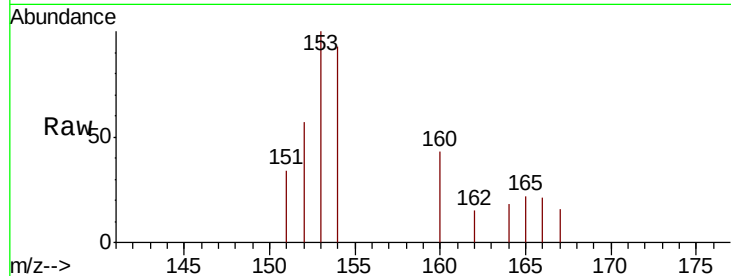
ClientSampleId :

C0AD0

Tot Ion:	153	Resp:	434
Ion	Ratio	Lower	Upper
153	100		
152	56.7	40.3	60.5
154	93.3	70.1	105.1

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#9

Fluorene

Concen: 0.026 ng/ul

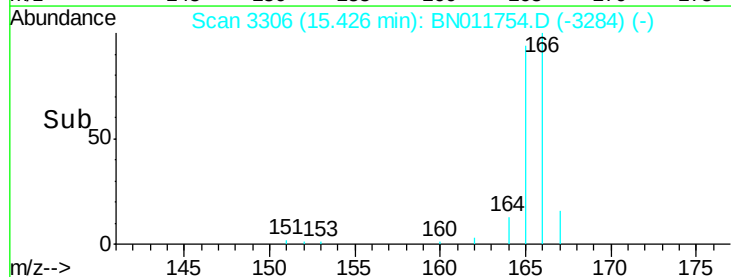
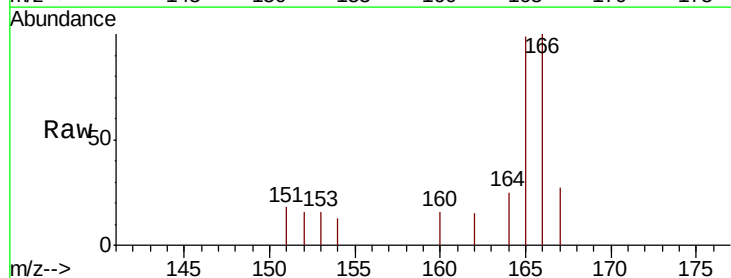
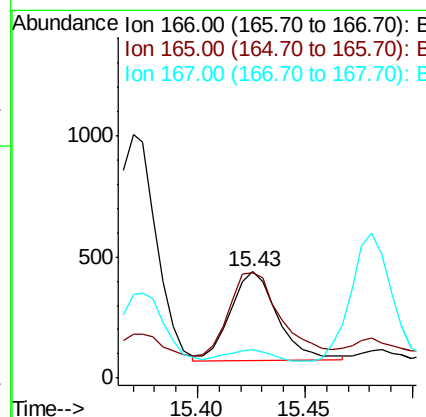
RT: 15.43 min Scan# 3306

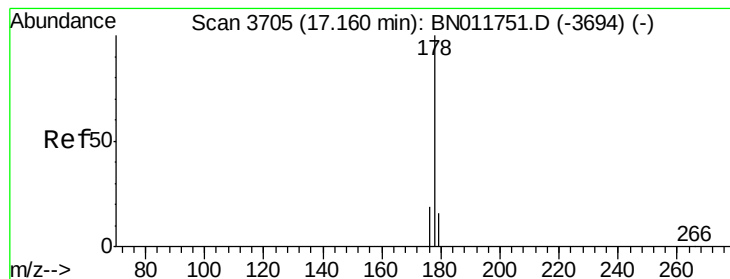
Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Tgt Ion:	166	Resp:	566
Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.2	120.2
167	27.4	11.8	17.6#





#12

Phenanthrene

Concen: 0.097 ng/ul

RT: 17.16 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Instrument :

BNA_N

ClientSampleId :

C0AD0

Tot Ion:178 Resp: 3372

Ion Ratio Lower Upper

178 100

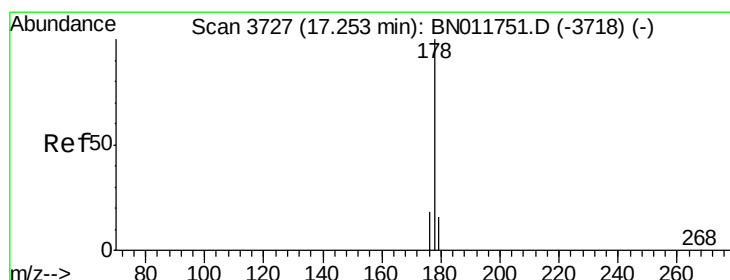
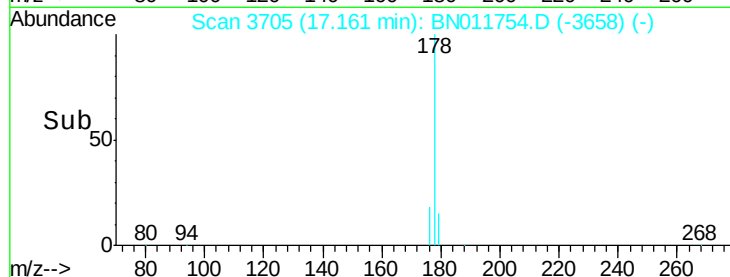
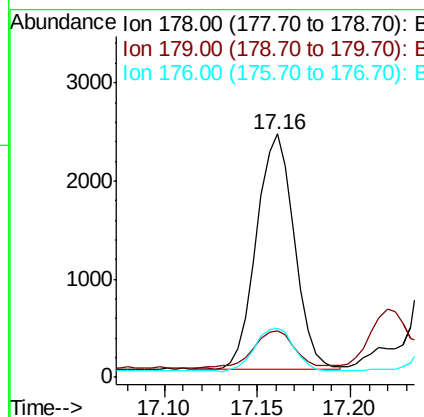
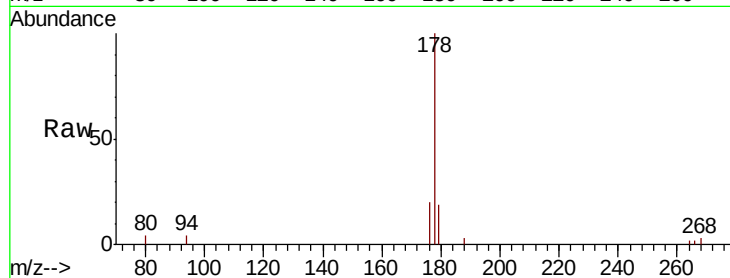
179 19.0 12.6 19.0#

176 20.4 16.0 24.0

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#13

Anthracene

Concen: 0.147 ng/ul

RT: 17.25 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

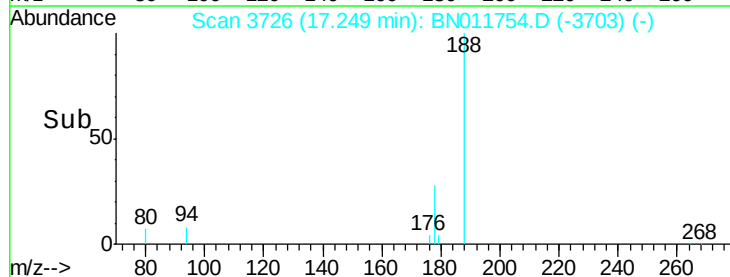
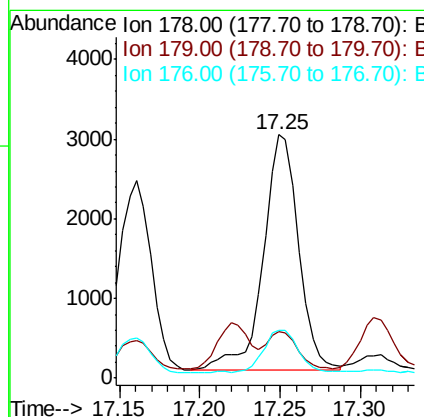
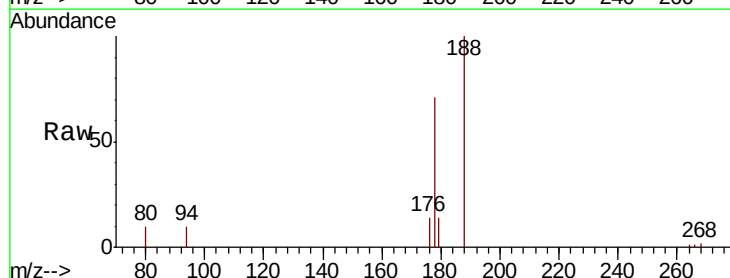
Tgt Ion:178 Resp: 4516

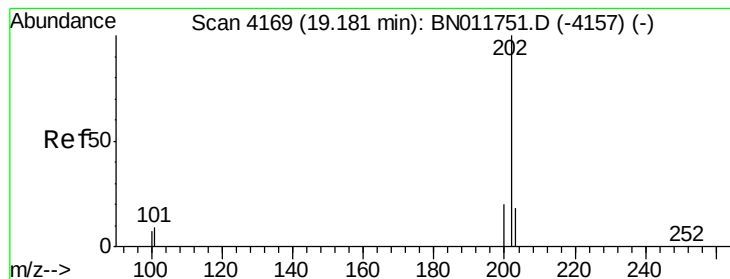
Ion Ratio Lower Upper

178 100

179 19.0 12.7 19.1

176 19.8 14.8 22.2





#15

Fluoranthene

Concen: 0.623 ng/ul

RT: 19.18 min Scan# 4168

Delta R.T. -0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Instrument :

BNA_N

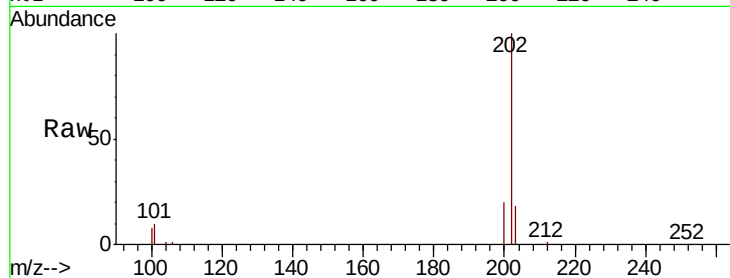
ClientSampled :

C0AD0

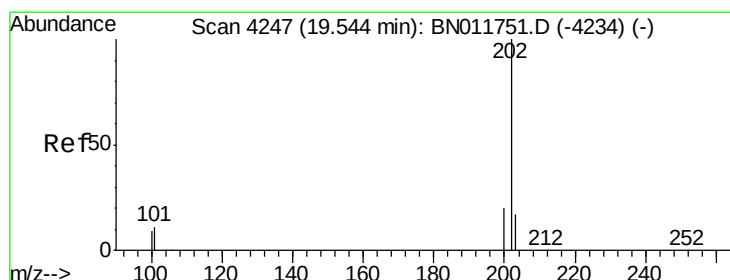
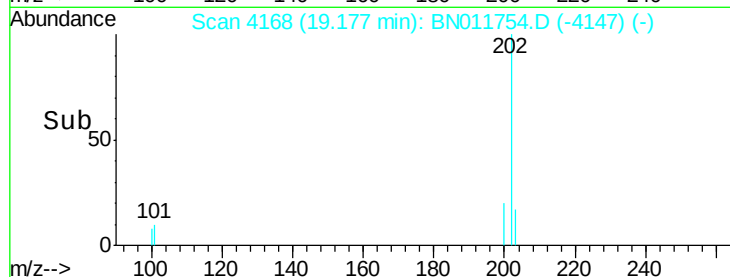
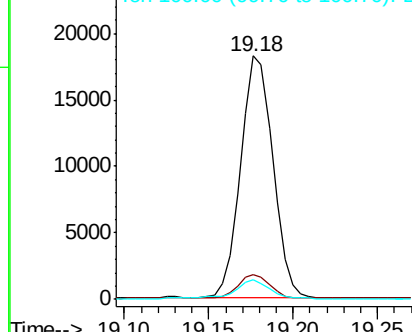
Tot Ion:	202	Resp:	23955
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	29.1
100	8.0	0.0	27.4

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



#17

Pyrene

Concen: 1.056 ng/ul

RT: 19.54 min Scan# 4247

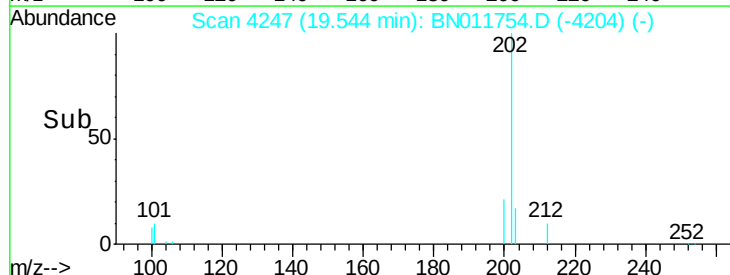
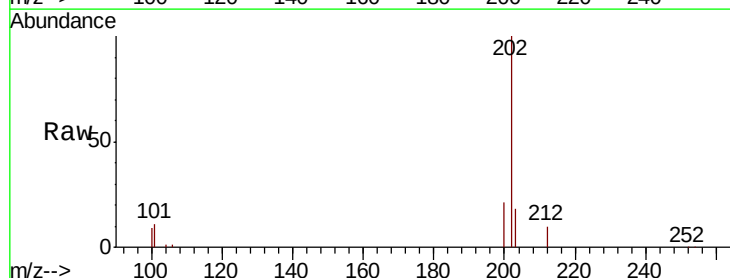
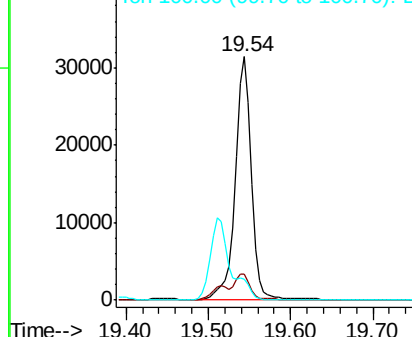
Delta R.T. 0.00 min

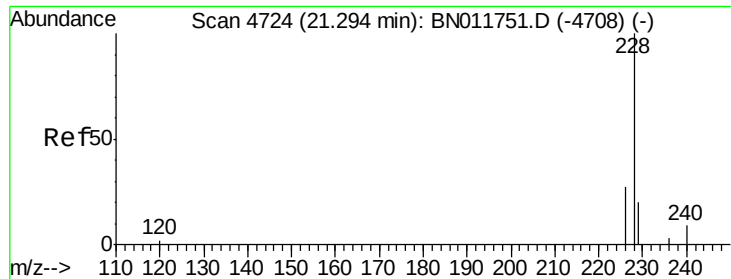
Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Tgt Ion:	202	Resp:	42000
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.0	12.0
100	8.5	6.5	9.7

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





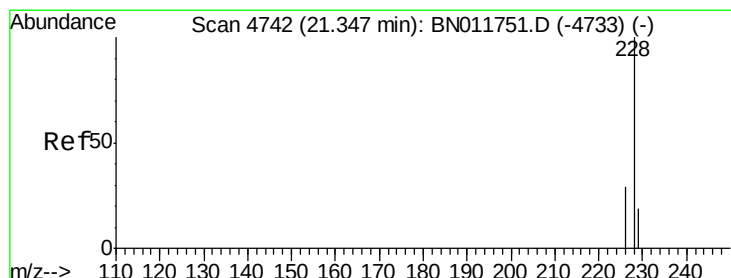
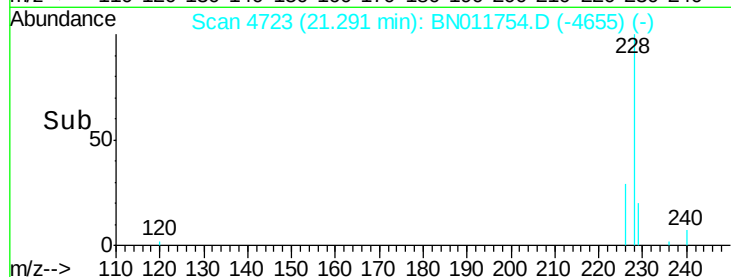
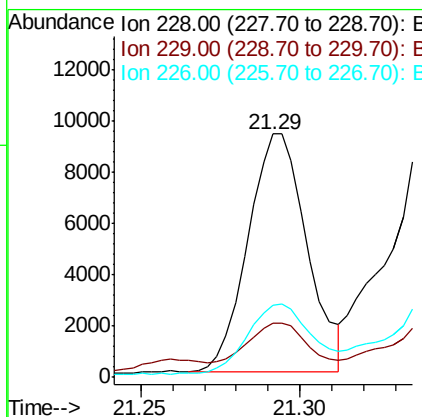
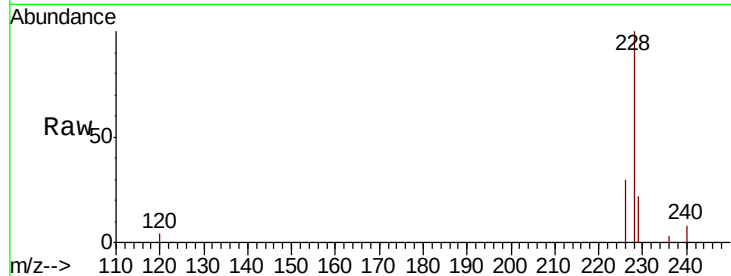
#18
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.29 min Scan# 4723
Delta R.T. -0.00 min
Lab File: BN011754.D
Acq: 09 Sep 2020 02:08

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.9	23.9
226	29.7	21.9	32.9

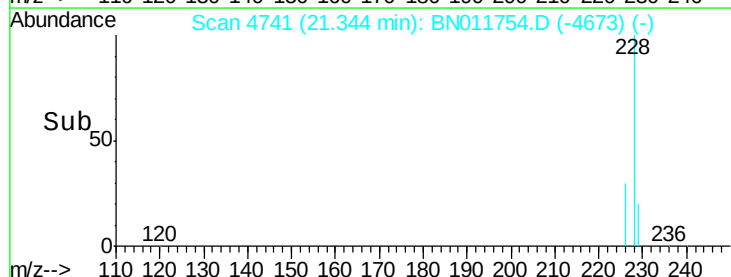
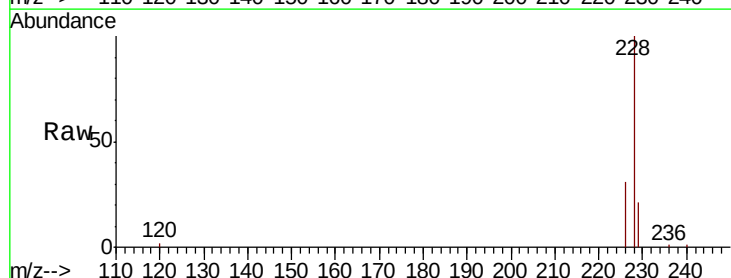
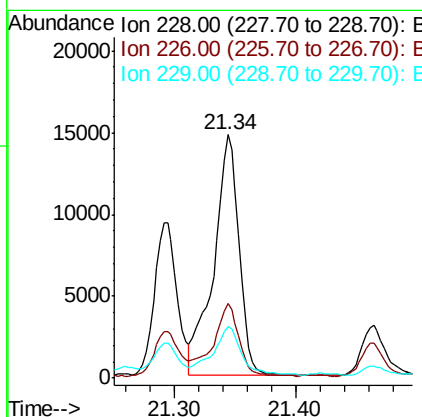
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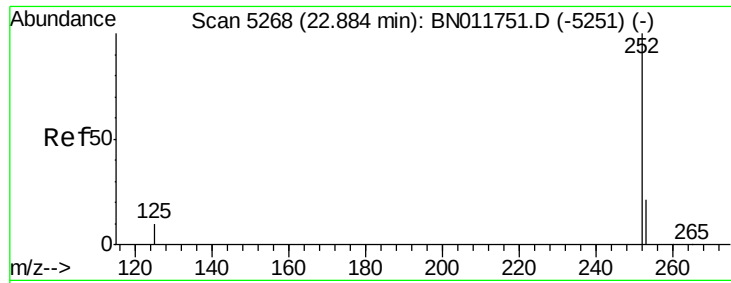
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#19
Chrysene
Concen: 0.548 ng/ul
RT: 21.34 min Scan# 4741
Delta R.T. -0.00 min
Lab File: BN011754.D
Acq: 09 Sep 2020 02:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	21.2	15.9	23.9





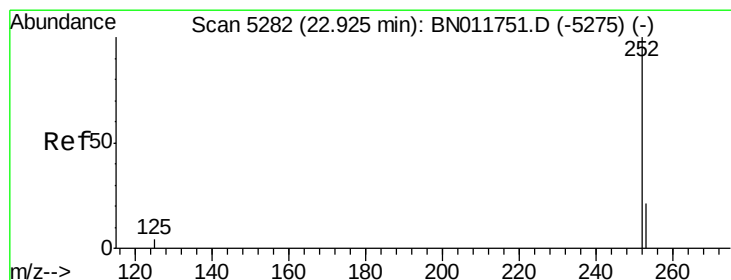
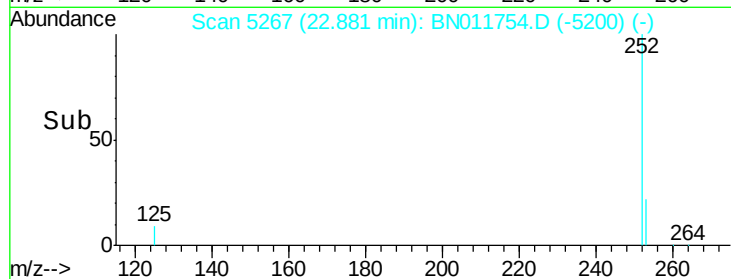
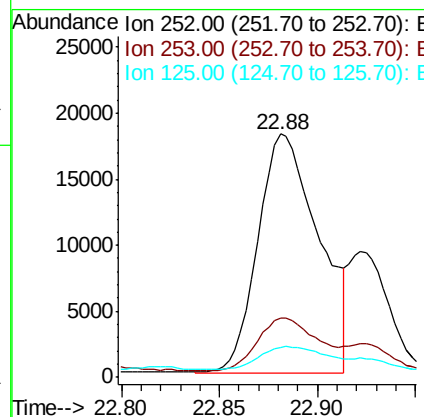
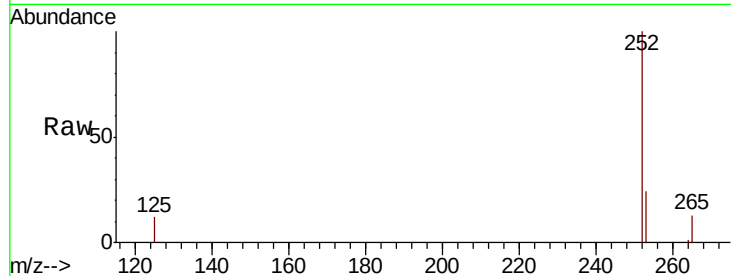
#21
Benzo(b)fluoranthene
Concen: 0.910 ng/ul m
RT: 22.88 min Scan# 5267
Delta R.T. -0.00 min
Lab File: BN011754.D
Acq: 09 Sep 2020 02:08

Instrument :
BNA_N
ClientSampled :
C0AD0

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.3	0.0	50.6
125	12.4	0.0	23.6

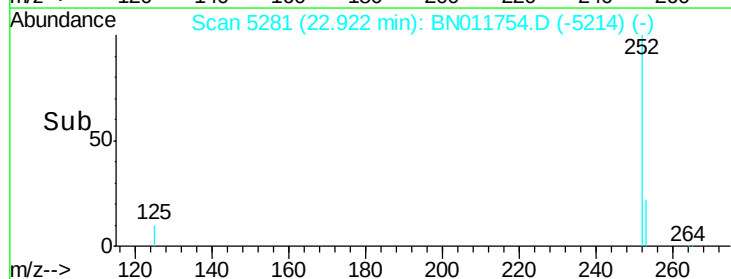
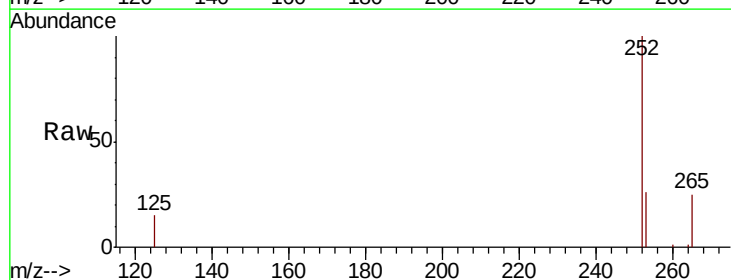
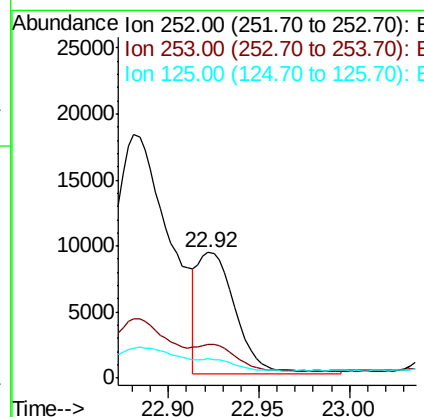
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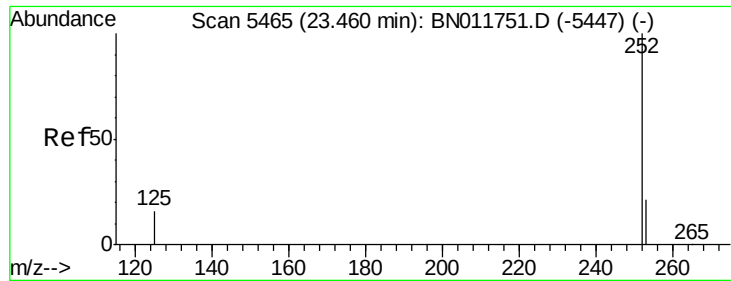
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#22
Benzo(k)fluoranthene
Concen: 0.304 ng/ul m
RT: 22.92 min Scan# 5281
Delta R.T. -0.00 min
Lab File: BN011754.D
Acq: 09 Sep 2020 02:08

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.4	20.7	31.1
125	15.2	9.7	14.5#





#23

Benzo(a)pyrene

Concen: 0.558 ng/ul

RT: 23.46 min Scan# 5465

Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Instrument :

BNA_N

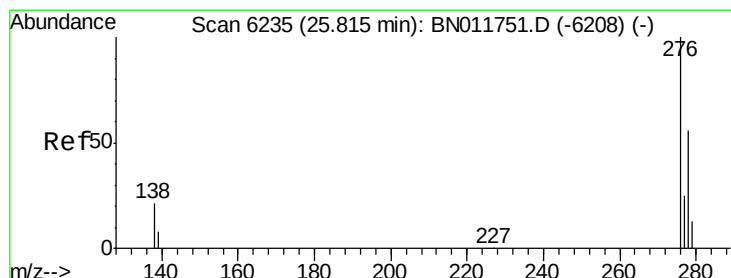
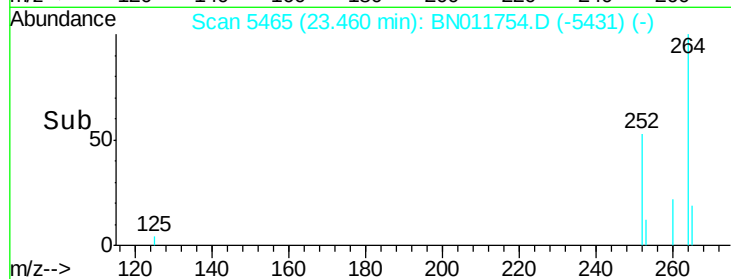
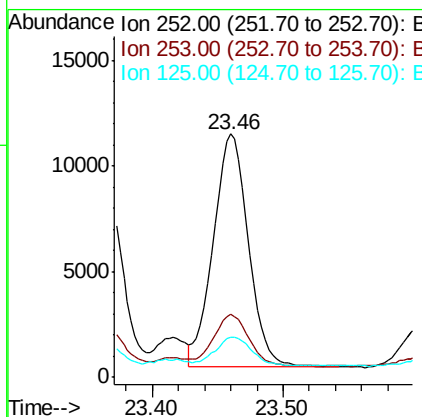
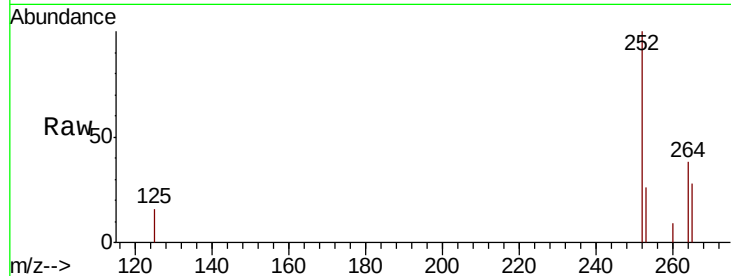
ClientSampleId :

C0AD0

Tot Ion:	252	Resp:	20639
Ion Ratio	Lower	Upper	
252	100		
253	26.0	21.6	32.4
125	16.2	12.6	18.8

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.258 ng/ul

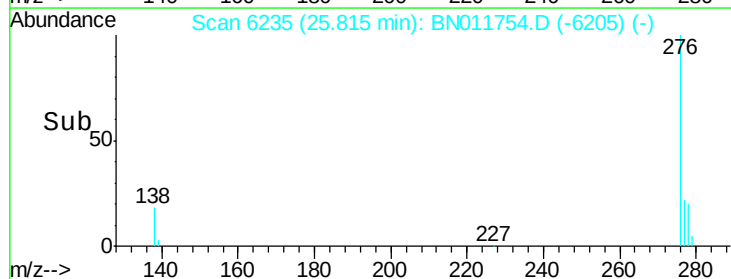
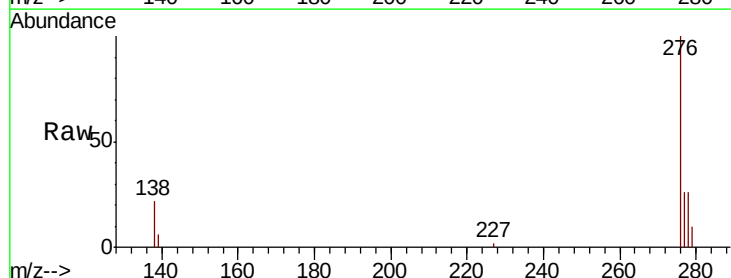
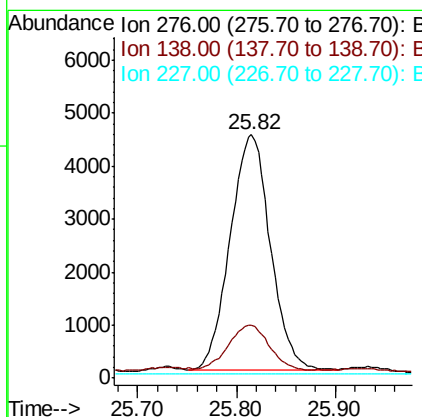
RT: 25.82 min Scan# 6235

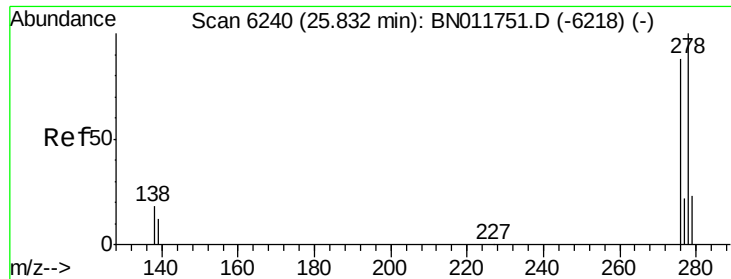
Delta R.T. 0.00 min

Lab File: BN011754.D

Acq: 09 Sep 2020 02:08

Tgt Ion:	276	Resp:	12533
Ion Ratio	Lower	Upper	
276	100		
138	19.1	0.0	0.0#
227	0.2	0.1	0.1#





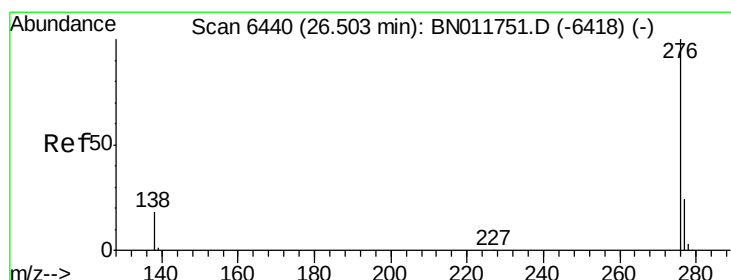
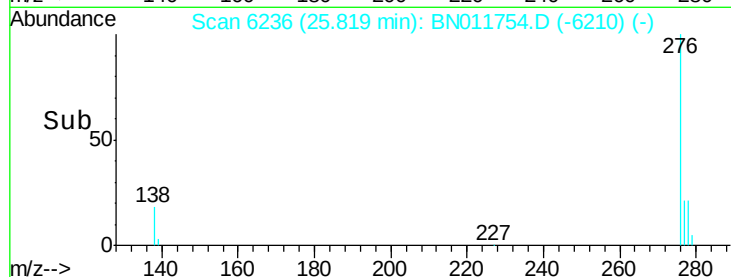
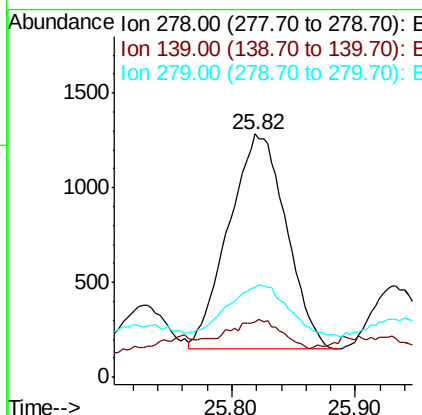
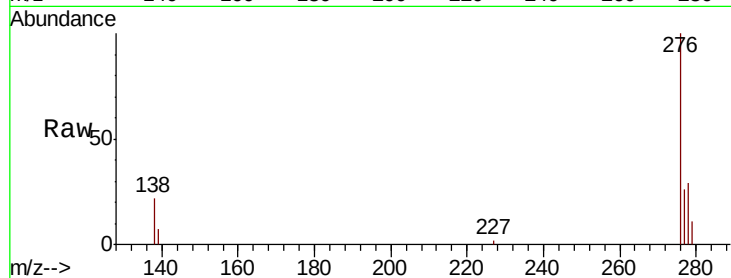
#25
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 25.82 min Scan# 6236
Delta R.T. -0.01 min
Lab File: BN011754.D
Acq: 09 Sep 2020 02:08

Instrument :
BNA_N
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.9	12.4	18.6#
279	37.2	21.8	32.6#

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:35 PM



#26
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 26.51 min Scan# 6441
Delta R.T. 0.00 min
Lab File: BN011754.D
Acq: 09 Sep 2020 02:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	14.7	22.1
277	25.8	19.5	29.3

