

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011750.D
 Acq On : 08 Sep 2020 23:08
 Operator : CG/JU
 Sample : L3840-14DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB0DL

Manual Integrations
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 9/9/2020 3:46:31 PM

Quant Time: Sep 09 07:07:37 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 06:29:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2566	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9858	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5414	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	11608	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	9778	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	9333	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	626	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	1285	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	971	0.033	ng/ul#	82
7) Acenaphthylene	14.09	152	2756	0.106	ng/ul	97
9) Fluorene	15.43	166	514	0.021	ng/ul#	91
12) Phenanthrene	17.16	178	3287	0.084	ng/ul	97
13) Anthracene	17.25	178	3788	0.109	ng/ul	97
15) Fluoranthene	19.18	202	10843	0.250	ng/ul	95
17) Pyrene	19.54	202	22792	0.525	ng/ul	97
18) Benzo(a)anthracene	21.29	228	11637	0.306	ng/ul	95
19) Chrysene	21.35	228	24958	0.588	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	43181m	0.987	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	18490m	0.412	ng/ul	
23) Benzo(a)pyrene	23.46	252	25505	0.675	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.82	276	13747	0.277	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	4013	0.099	ng/ul#	80
26) Benzo(g,h,i)perylene	26.51	276	11677	0.269	ng/ul#	94

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

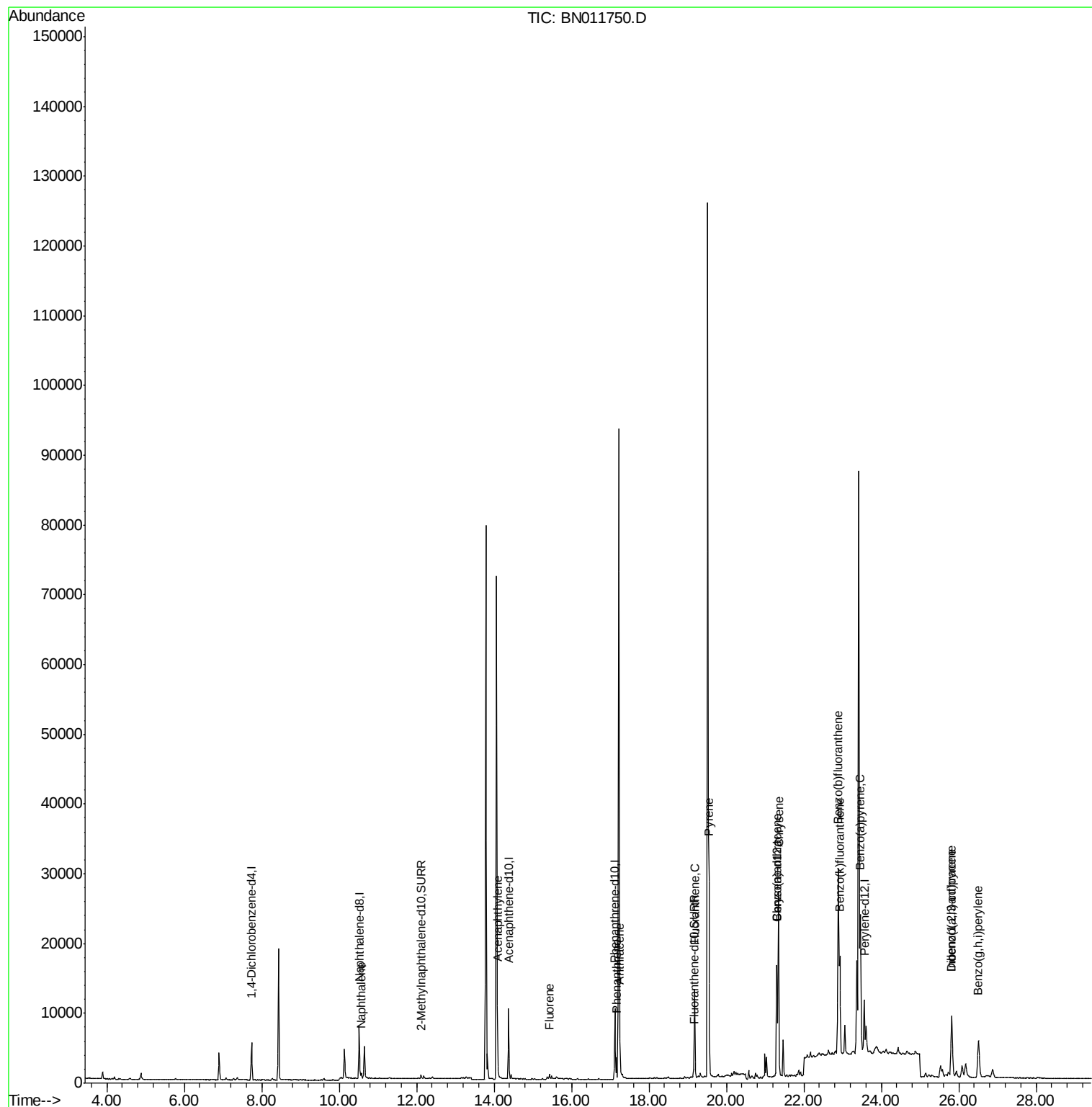
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011750.D
Acq On : 08 Sep 2020 23:08
Operator : CG/JU
Sample : L3840-14DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

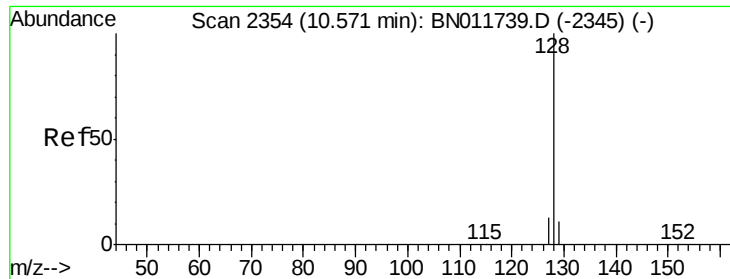
Instrument :
BNA_N
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C0AB0DL

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9/9/2020 3:46:31 PM

Quant Time: Sep 09 07:07:37 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 06:29:50 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011750.D

Acq: 08 Sep 2020 23:08

Instrument :

BNA_N

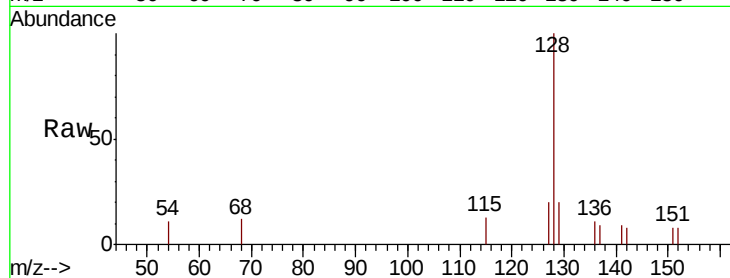
ClientSampleId :

COAB0DL

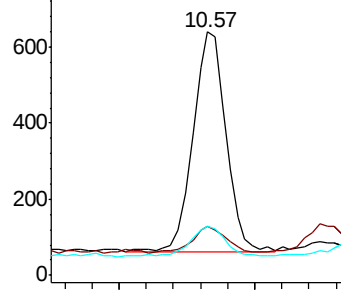
Tot Ion:	128	Resp:	971
Ion Ratio	Lower	Upper	
128	100		
129	20.3	9.8	14.6#
127	20.3	11.0	16.6#

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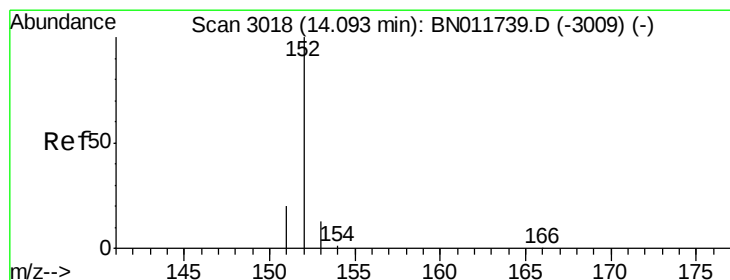
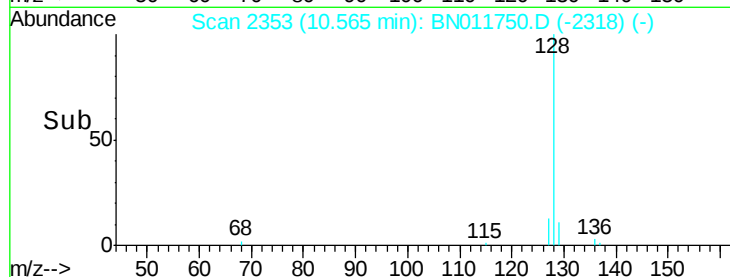
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#7

Acenaphthylene

Concen: 0.106 ng/ul

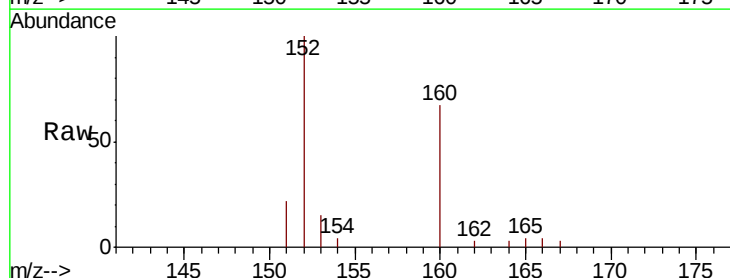
RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

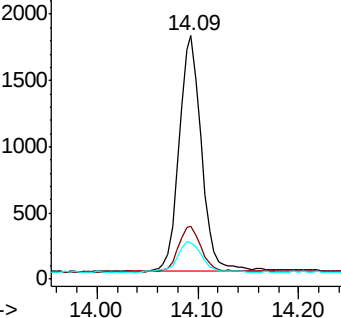
Lab File: BN011750.D

Acq: 08 Sep 2020 23:08

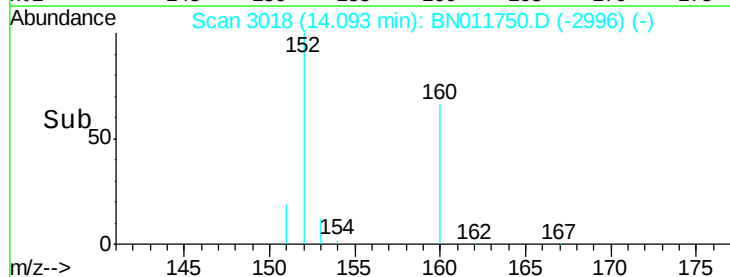
Tgt Ion:	152	Resp:	2756
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.2	24.4
153	15.1	11.4	17.0

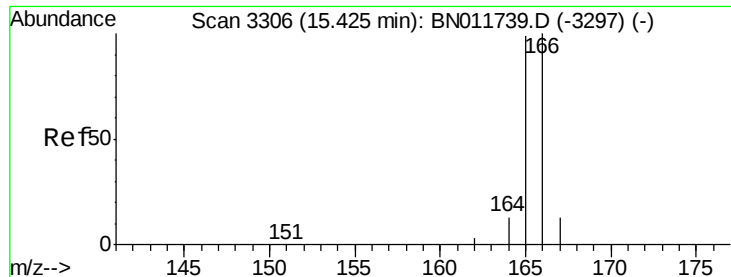


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->





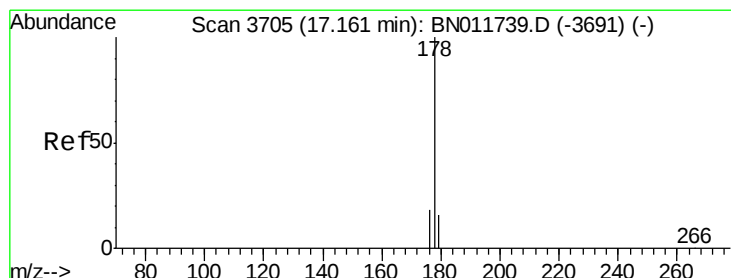
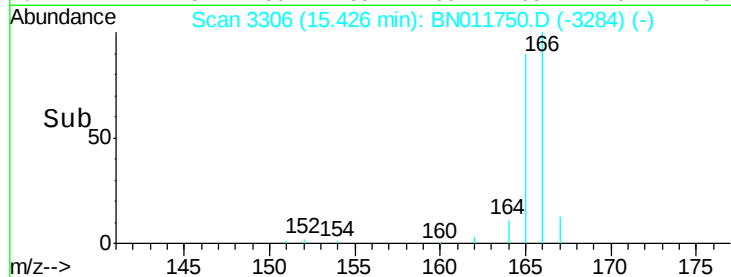
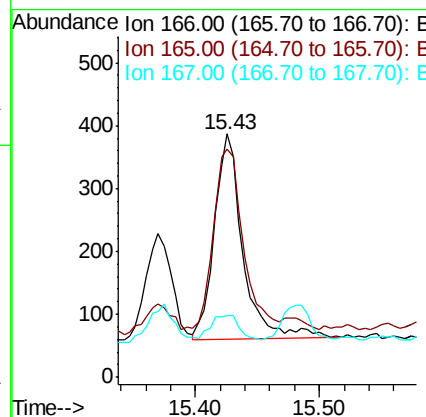
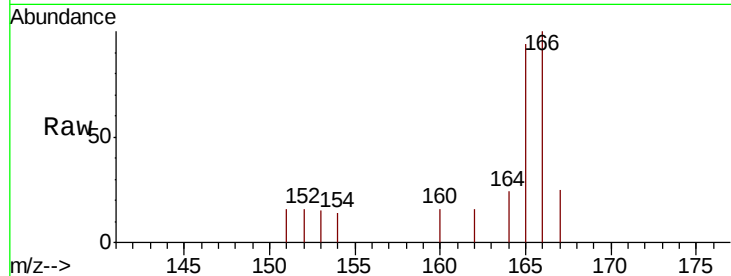
#9
Fluorene
 Concen: 0.021 ng/ul
 RT: 15.43 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: BN011750.D
 Acq: 08 Sep 2020 23:08

Instrument :
 BNA_N
 ClientSampled :
 C0AB0DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.8	80.2	120.2
167	25.3	11.8	17.6

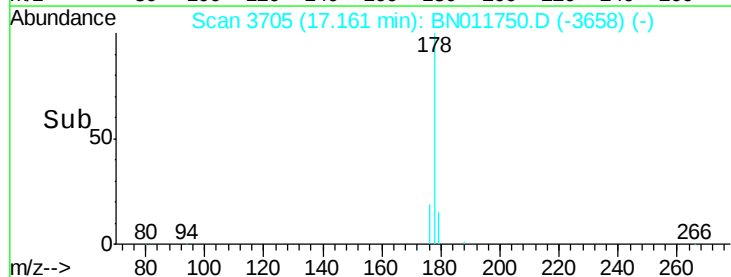
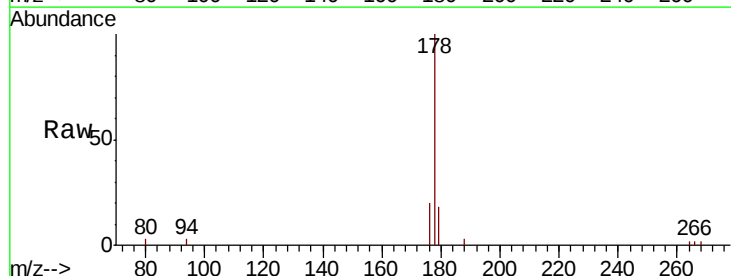
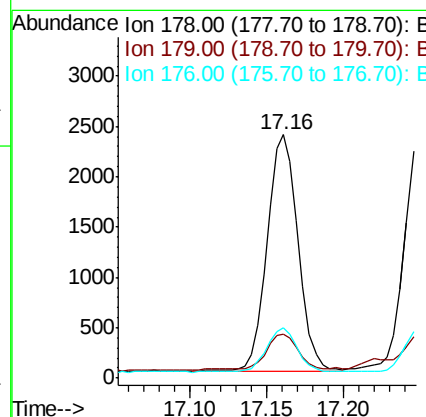
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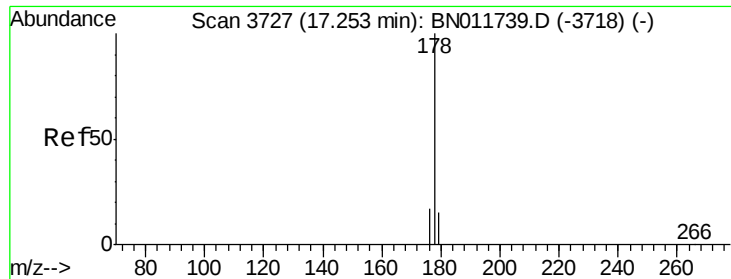
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#12
Phenanthrene
 Concen: 0.084 ng/ul
 RT: 17.16 min Scan# 3705
 Delta R.T. 0.00 min
 Lab File: BN011750.D
 Acq: 08 Sep 2020 23:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.6	19.0
176	20.4	16.0	24.0





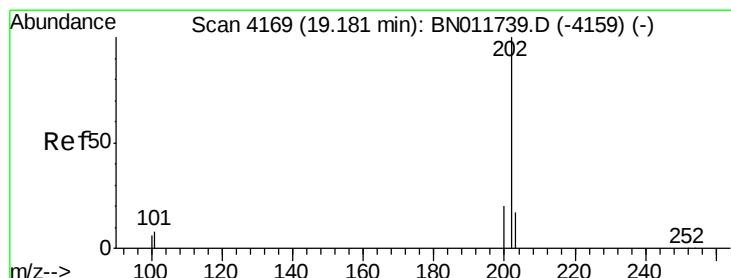
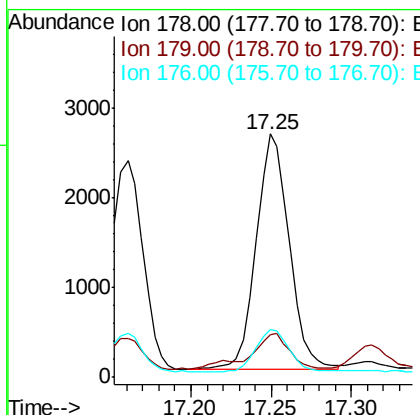
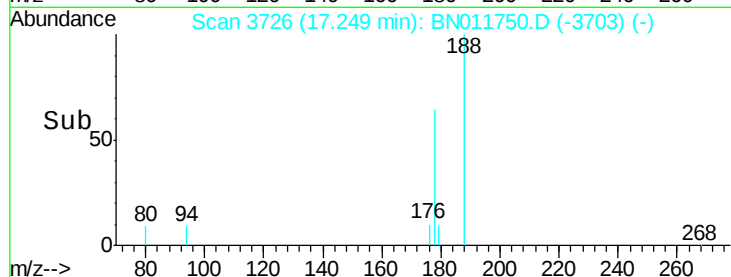
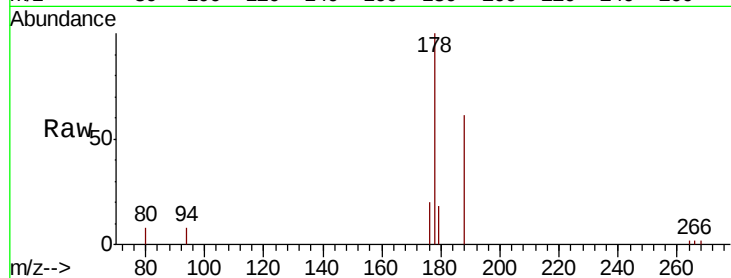
#13
 Anthracene
 Concen: 0.109 ng/ul
 RT: 17.25 min Scan# 3726
 Delta R.T. -0.00 min
 Lab File: BN011750.D
 Acq: 08 Sep 2020 23:08

Instrument :
 BNA_N
 ClientSampleId :
 C0AB0DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.7	19.1
176	19.7	14.8	22.2

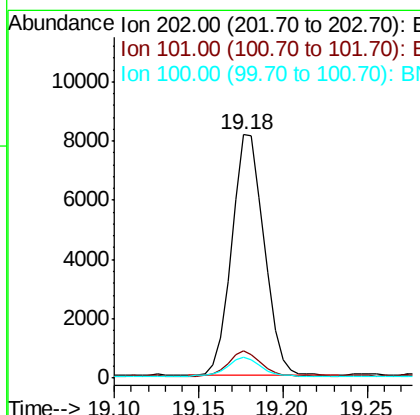
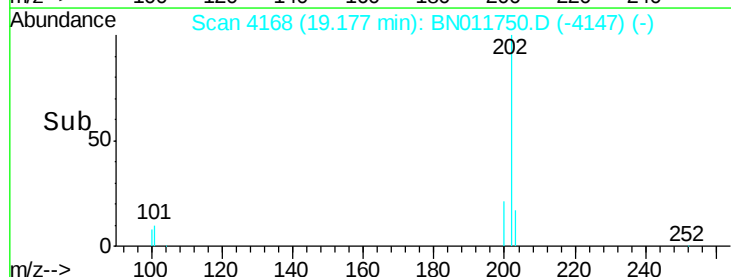
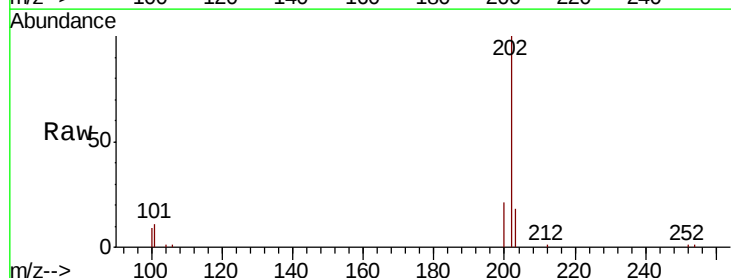
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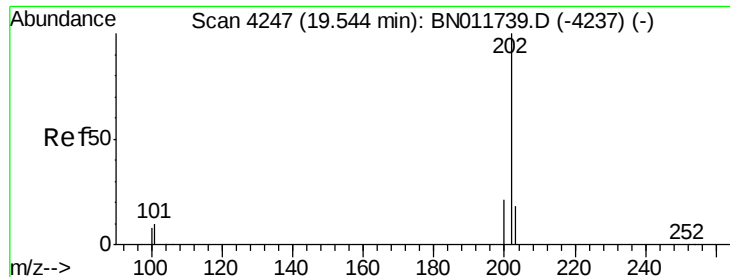
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#15
 Fluoranthene
 Concen: 0.250 ng/ul
 RT: 19.18 min Scan# 4168
 Delta R.T. -0.00 min
 Lab File: BN011750.D
 Acq: 08 Sep 2020 23:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	29.1
100	8.5	0.0	27.4





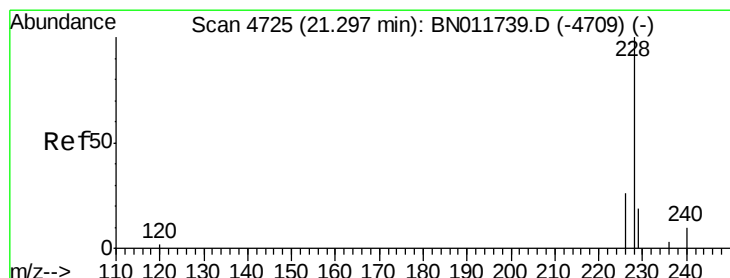
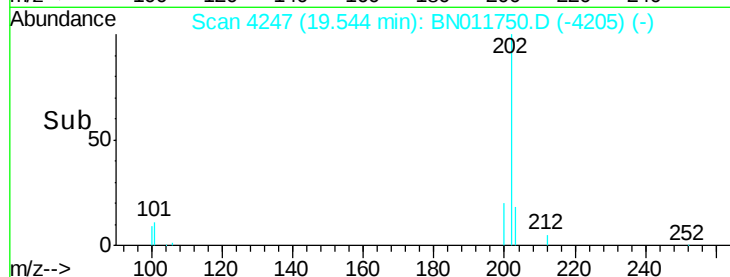
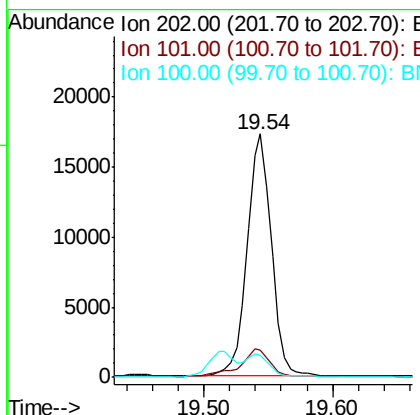
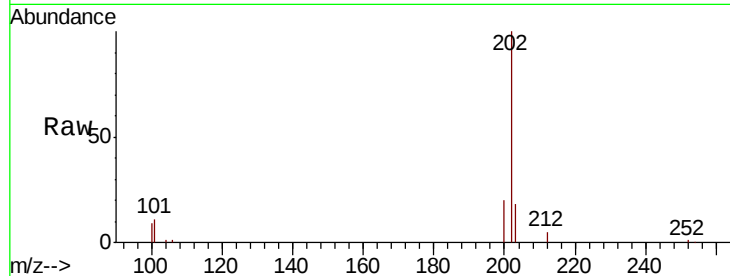
#17
Pvrene
Concen: 0.525 ng/ul
RT: 19.54 min Scan# 4247
Delta R.T. -0.00 min
Lab File: BN011750.D
Acq: 08 Sep 2020 23:08

Instrument :
BNA_N
ClientSampleId :
C0AB0DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	22792		
101	11.2	8.0	12.0	
100	9.1	6.5	9.7	

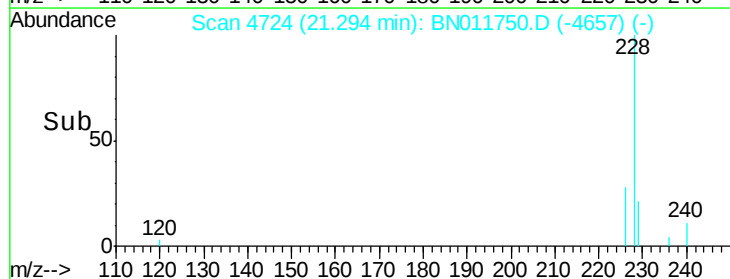
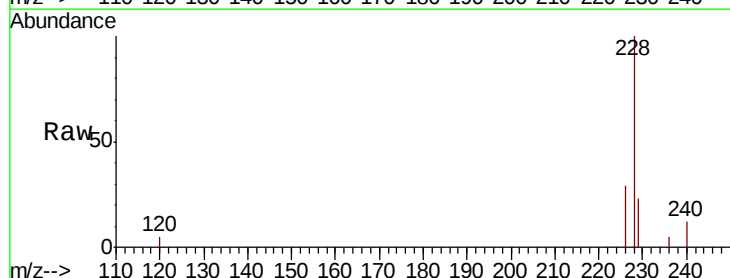
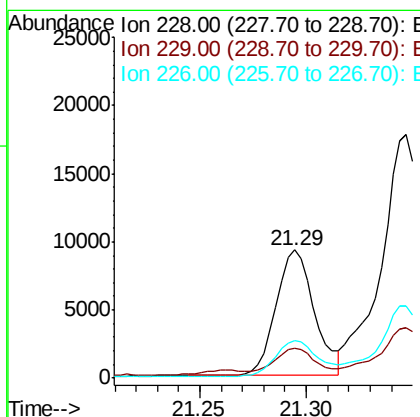
Manual Integrations
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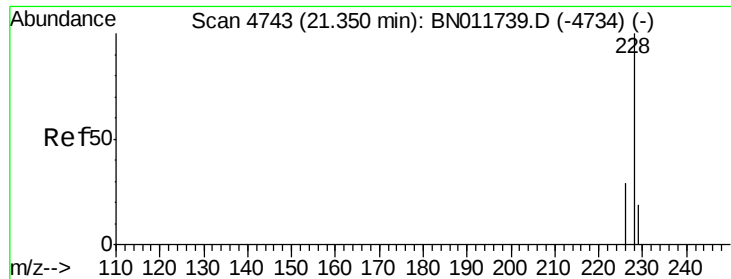
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#18
Benzo(a)anthracene
Concen: 0.306 ng/ul
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011750.D
Acq: 08 Sep 2020 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	11637		
229	23.4	15.9	23.9	
226	29.0	21.9	32.9	





#19

Chrysene

Concen: 0.588 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011750.D

Acq: 08 Sep 2020 23:08

Instrument :

BNA_N

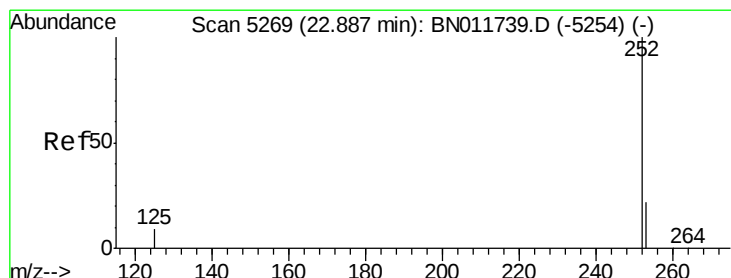
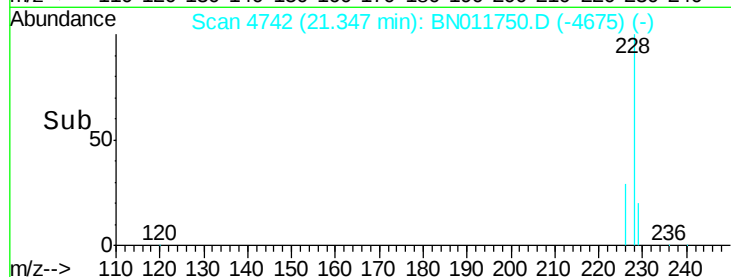
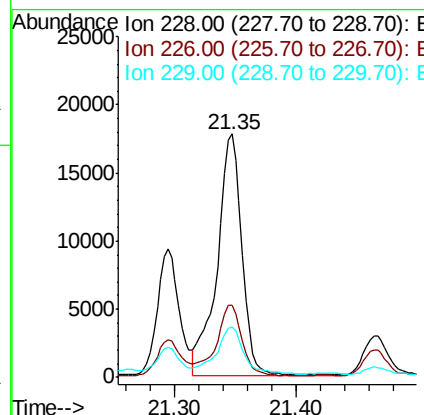
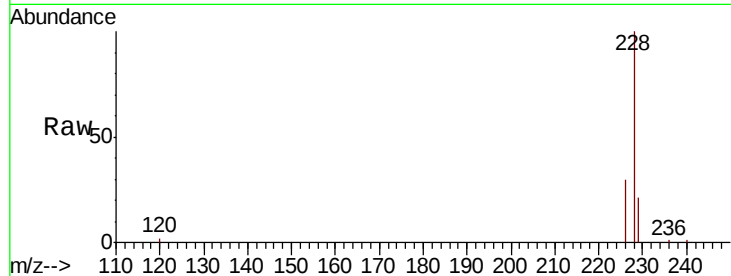
ClientSampleId :

C0AB0DL

Tot Ion:	228	Resp:	24958
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.6	37.0
229	20.8	15.9	23.9

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 0.987 ng/ul m

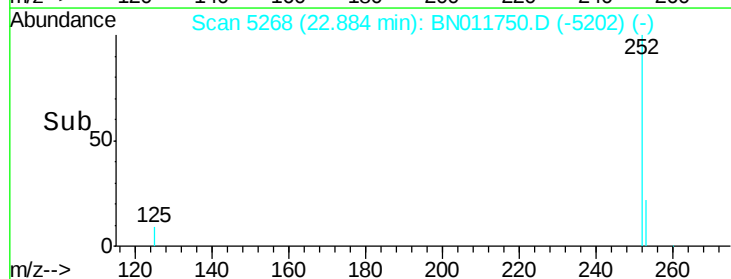
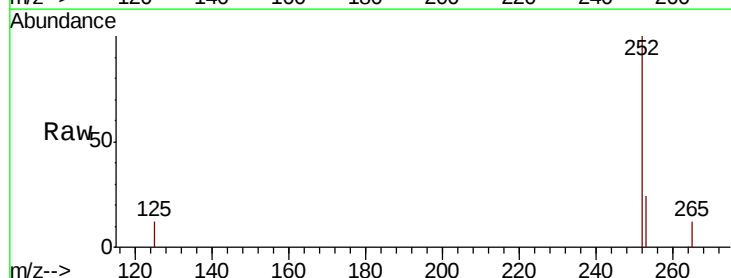
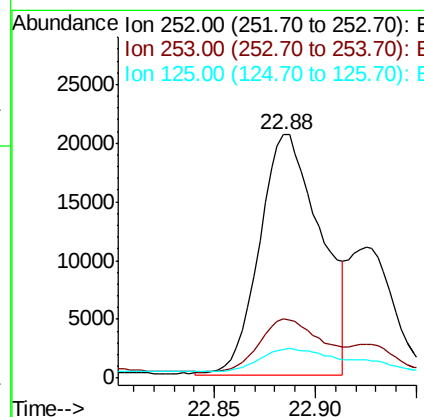
RT: 22.88 min Scan# 5268

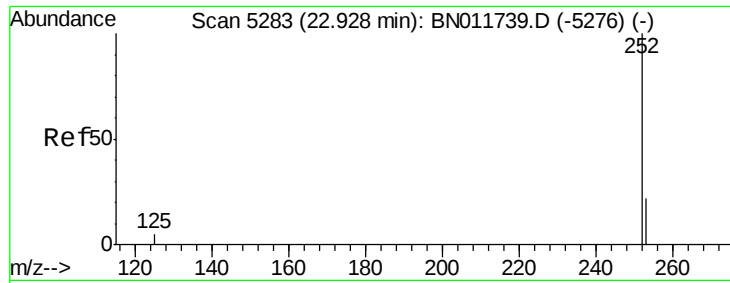
Delta R.T. -0.01 min

Lab File: BN011750.D

Acq: 08 Sep 2020 23:08

Tgt Ion:	252	Resp:	43181
Ion Ratio	Lower	Upper	
252	100		
253	24.5	0.0	50.6
125	11.6	0.0	23.6





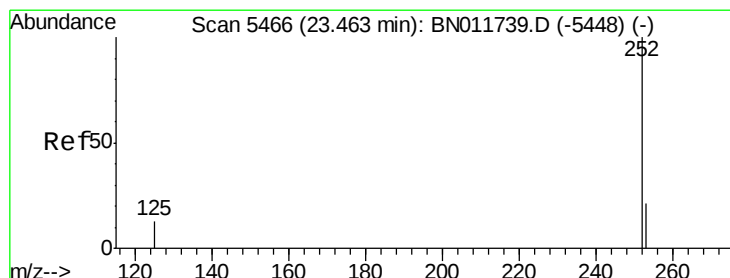
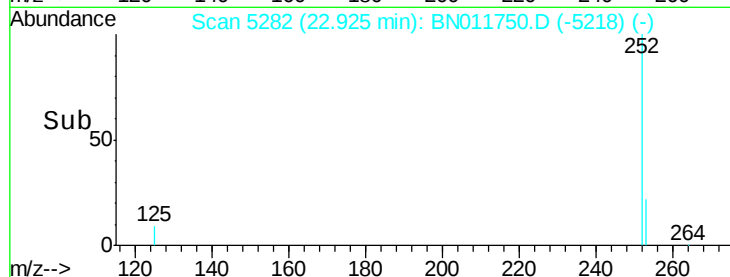
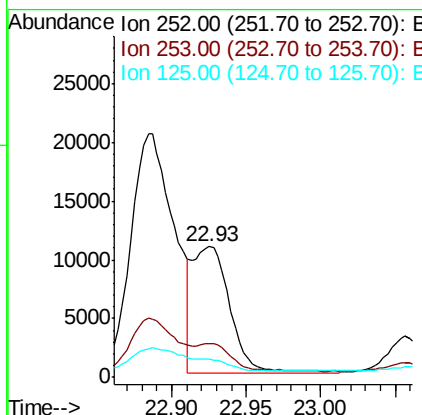
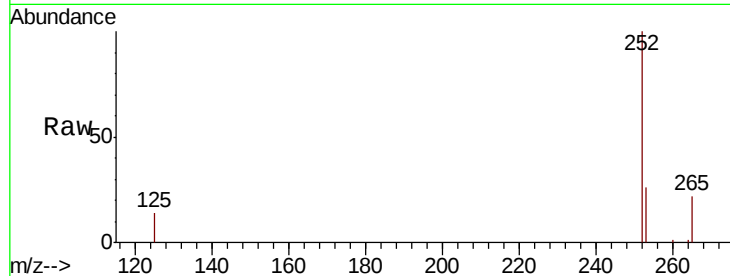
#22
Benzo(k)fluoranthene
Concen: 0.412 ng/ul m
RT: 22.93 min Scan# 5282
Delta R.T. -0.01 min
Lab File: BN011750.D
Acq: 08 Sep 2020 23:08

Instrument :
BNA_N
ClientSampled :
C0AB0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.7	31.1
125	13.9	9.7	14.5

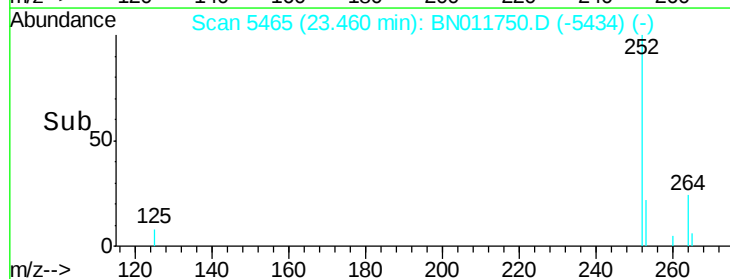
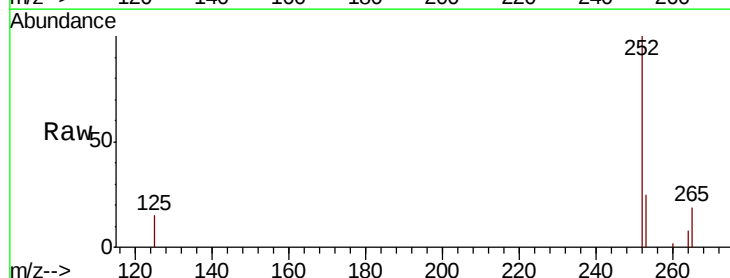
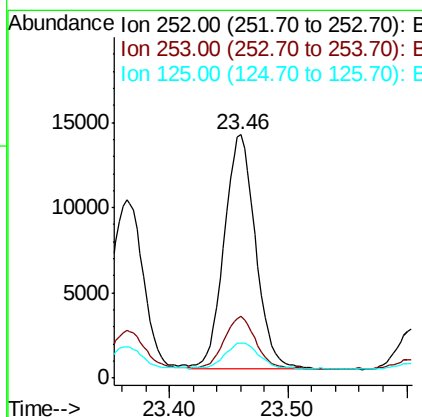
Manual Integrations
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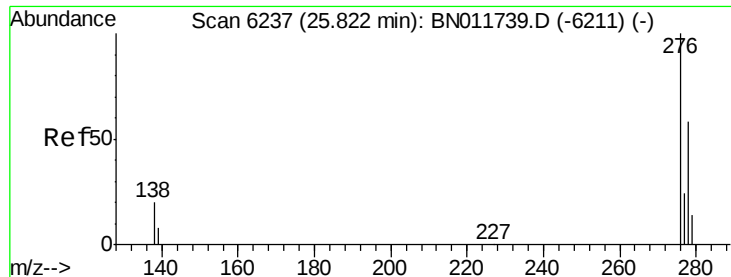
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#23
Benzo(a)pyrene
Concen: 0.675 ng/ul
RT: 23.46 min Scan# 5465
Delta R.T. -0.01 min
Lab File: BN011750.D
Acq: 08 Sep 2020 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.6	32.4
125	14.5	12.6	18.8





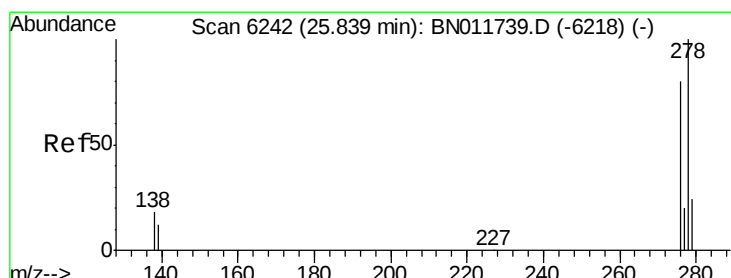
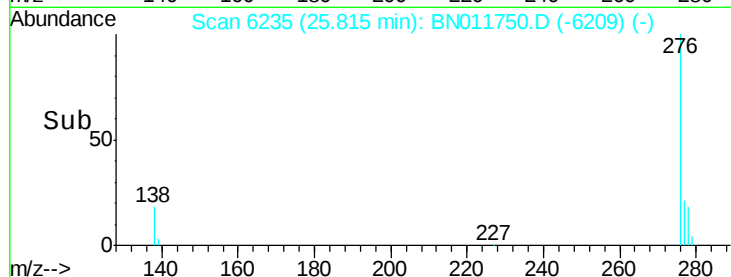
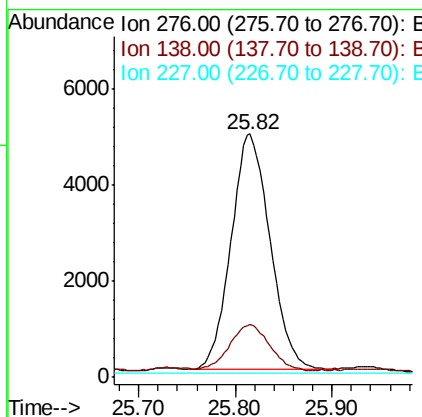
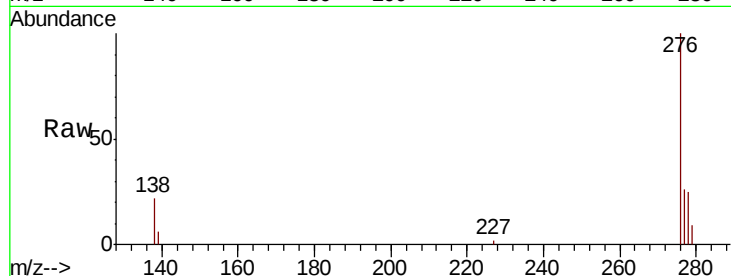
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.277 ng/ul
 RT: 25.82 min Scan# 6235
 Delta R.T. -0.01 min
 Lab File: BN011750.D
 Acq: 08 Sep 2020 23:08

Instrument :
 BNA_N
 ClientSampleId :
 COAB0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	0.0	0.0#
227	0.1	0.1	0.1

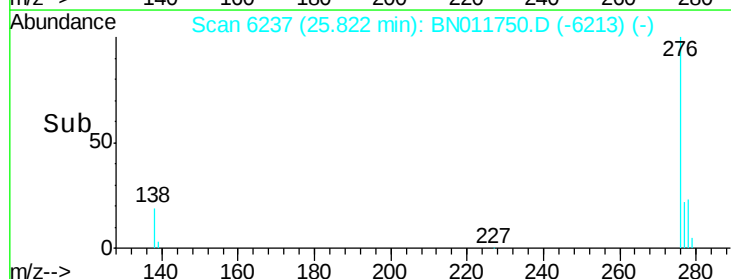
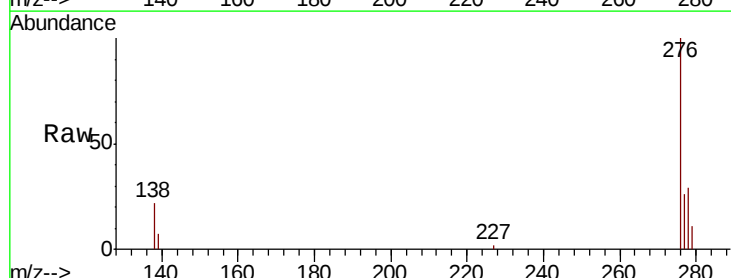
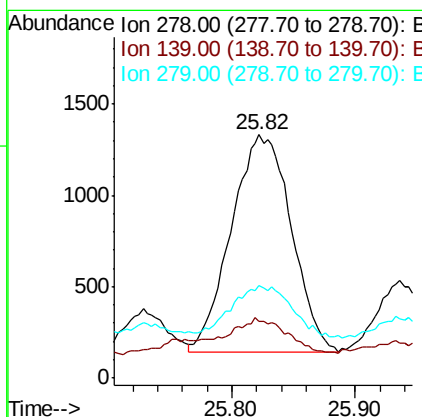
Manual Integrations
 APPROVED

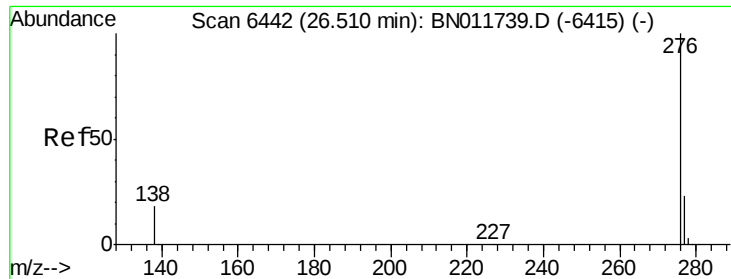
Sohil
 9/9/2020 3:46:31 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.099 ng/ul
 RT: 25.82 min Scan# 6237
 Delta R.T. -0.02 min
 Lab File: BN011750.D
 Acq: 08 Sep 2020 23:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	12.4	18.6#
279	37.8	21.8	32.6#





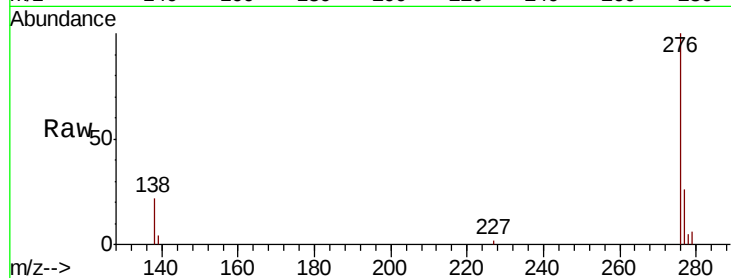
#26
Benzo(a,h,i)perylene
Concen: 0.269 ng/ul
RT: 26.51 min Scan# 6441
Delta R.T. -0.01 min
Lab File: BN011750.D
Acq: 08 Sep 2020 23:08

Instrument :
BNA_N
ClientSampleId :
C0AB0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	14.7	22.1#
277	26.3	19.5	29.3

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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

