

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
 Data File : BN008658.D
 Acq On : 20 Nov 2019 13:43
 Operator : JU
 Sample : K5784-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLNBO

Manual Integrations
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 11/21/2019 1:06:07 PM

Quant Time: Nov 20 14:34:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 20 04:45:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3967	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	14728	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8232	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	16757	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13209	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13191	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4165	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	9603	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	10192	0.230	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	4149	0.134	ng/ul	100
7) Acenaphthylene	13.96	152	6913	0.152	ng/ul	96
8) Acenaphthene	14.30	153	3810	0.113	ng/ul	99
9) Fluorene	15.29	166	3509	0.088	ng/ul#	92
12) Phenanthrene	17.03	178	77615	1.373	ng/ul	98
13) Anthracene	17.11	178	16743	0.314	ng/ul	98
15) Fluoranthene	19.05	202	180923	2.606	ng/ul	97
17) Pyrene	19.41	202	172147	3.249	ng/ul	100
18) Benzo(a)anthracene	21.16	228	88208	1.661	ng/ul	93
19) Chrysene	21.21	228	90644	1.737	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	102659m	1.887	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	37247m	0.690	ng/ul	
23) Benzo(a)pyrene	23.25	252	74199	1.453	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.49	276	50856	0.852	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.50	278	11832	0.245	ng/ul#	70
26) Benzo(a,h,i)perylene	26.14	276	52683	1.055	ng/ul	97

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

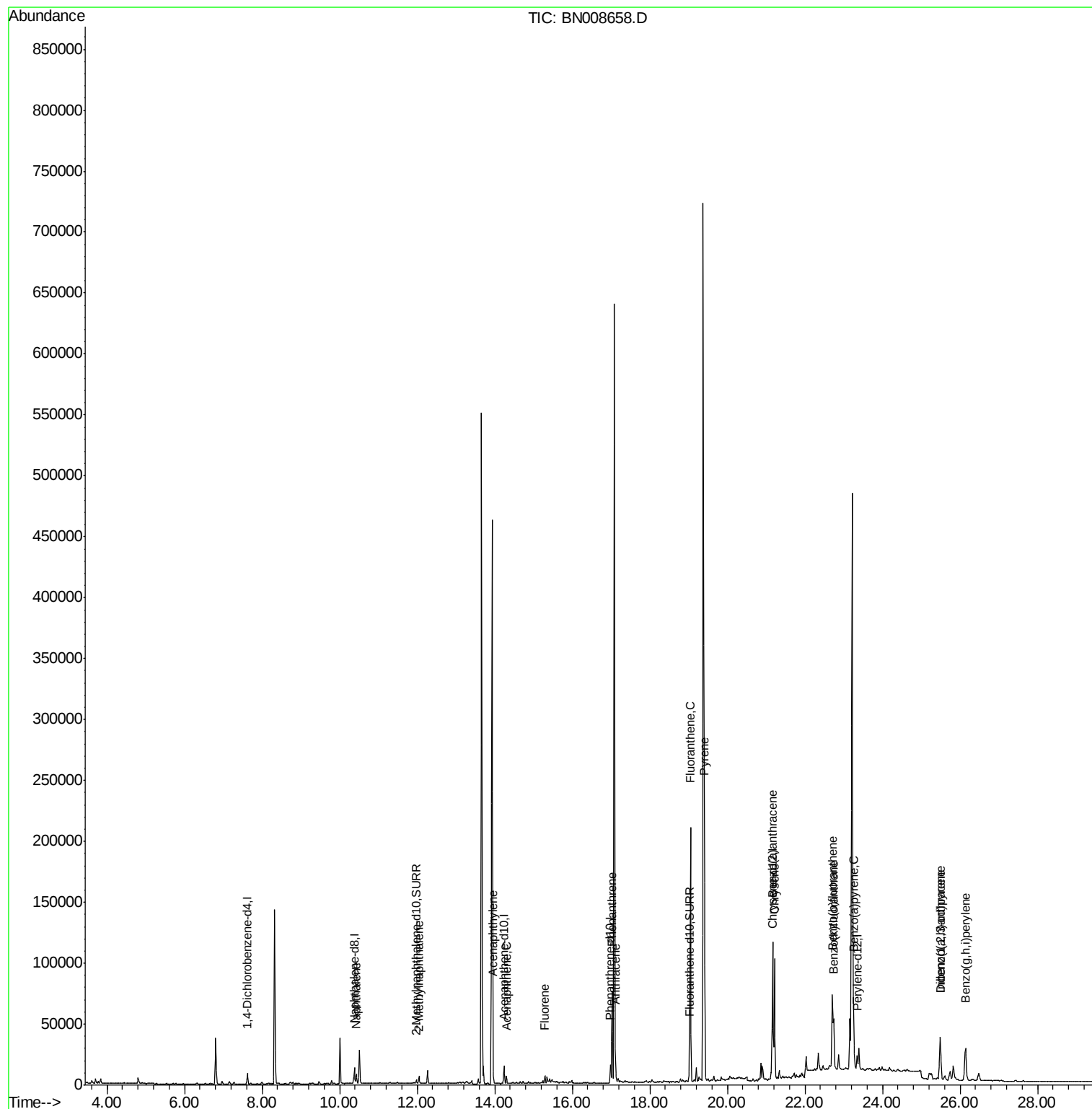
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008658.D
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Sample : K5784-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

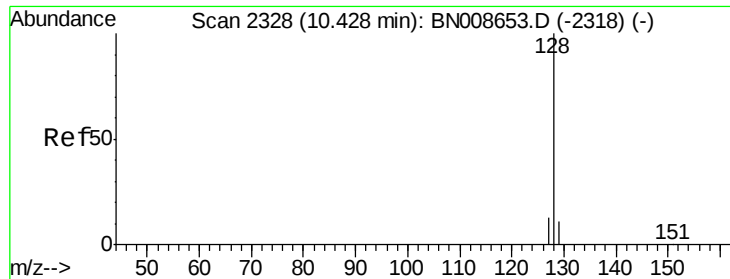
Instrument :
BNA_N
ClientSampleId :
JLNB0

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Quant Time: Nov 20 14:34:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.230 ng/ul

RT: 10.43 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN008658.D

Acq: 20 Nov 2019 13:43

Instrument :

BNA_N

ClientSampleId :

JLNB0

Tot Ion:128 Resp: 10192

Ion Ratio Lower Upper

128 100

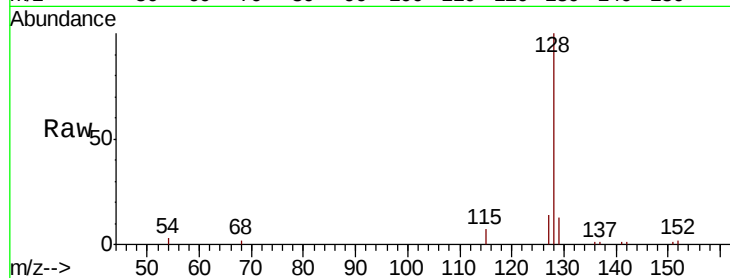
129 13.3 9.7 14.5

127 14.1 10.8 16.2

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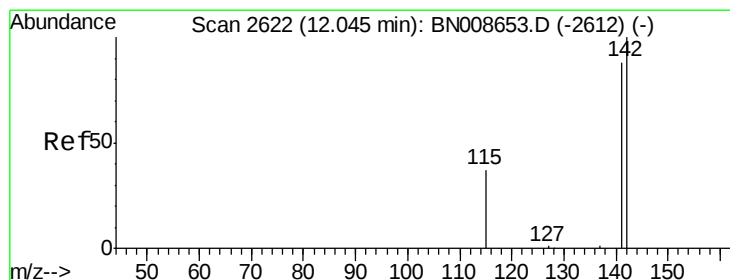
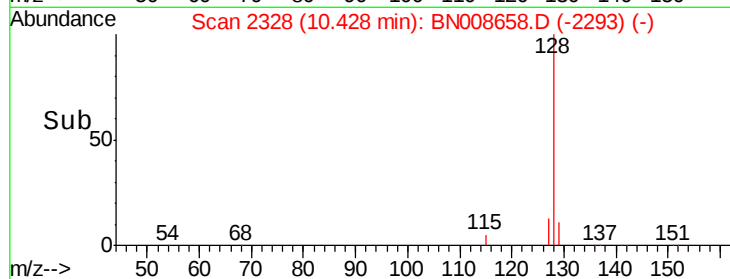
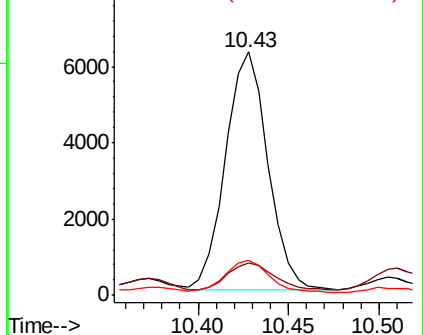
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.134 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008658.D

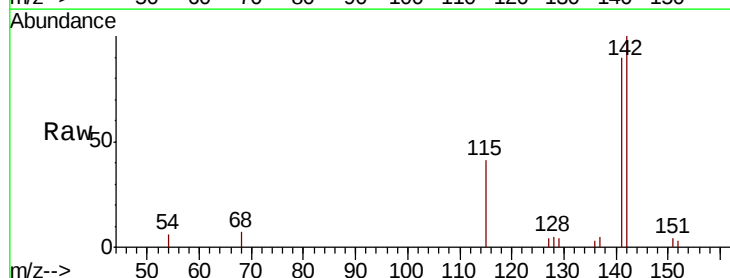
Acq: 20 Nov 2019 13:43

Tgt Ion:142 Resp: 4149

Ion Ratio Lower Upper

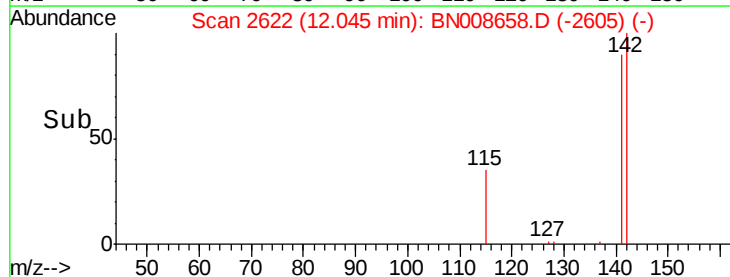
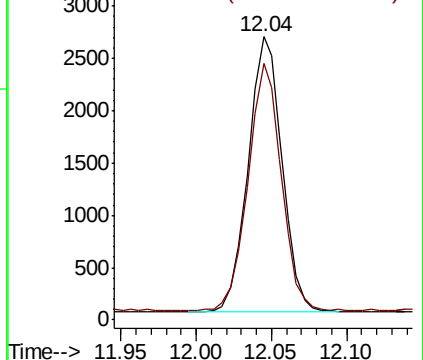
142 100

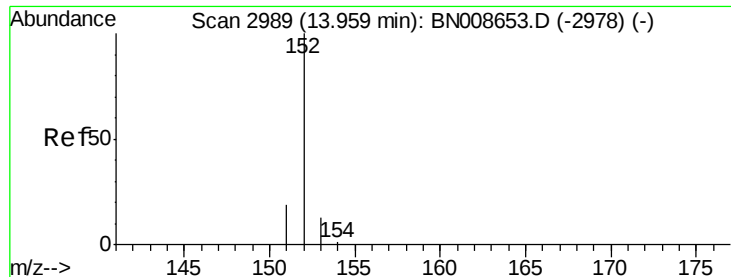
141 87.6 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.152 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BN008658.D

Acq: 20 Nov 2019 13:43

Instrument :

BNA_N

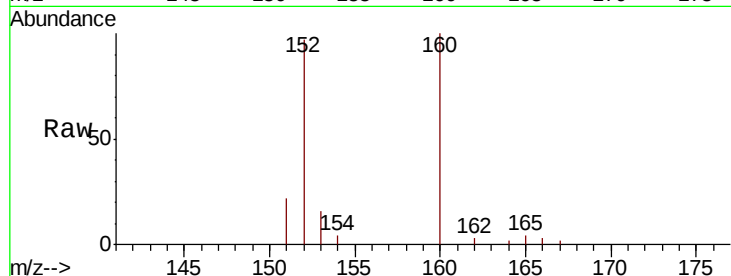
ClientSampleId :

JLNB0

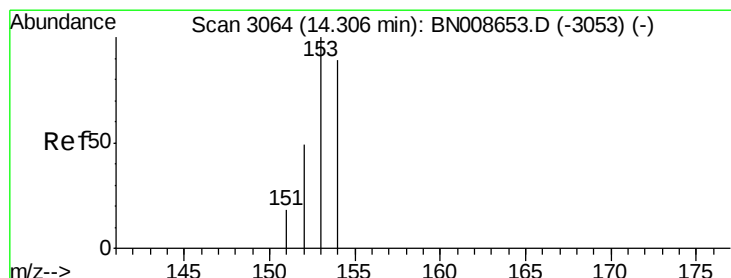
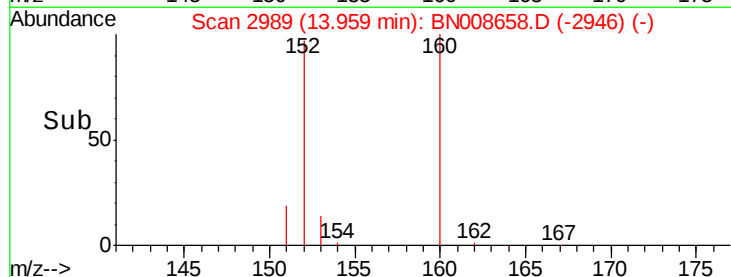
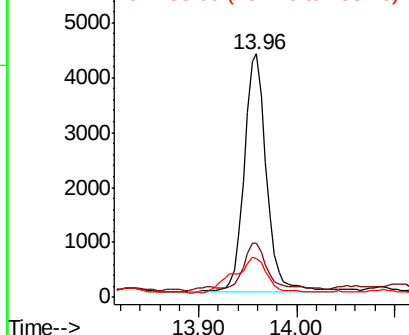
Tot Ion:	152	Resp:	6913
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.6	24.8
153	16.0	11.1	16.7

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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: 0.113 ng/ul

RT: 14.30 min Scan# 3063

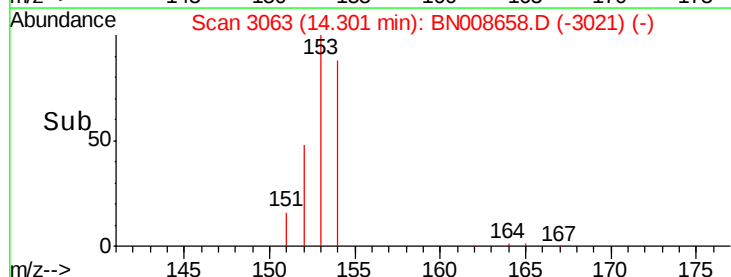
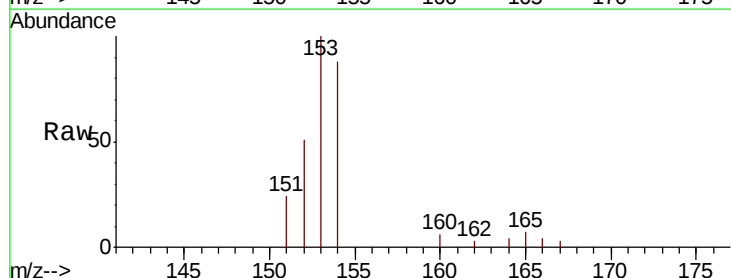
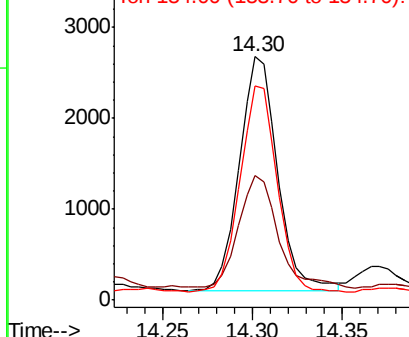
Delta R.T. -0.00 min

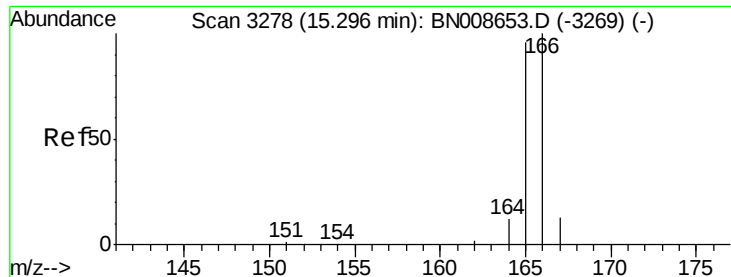
Lab File: BN008658.D

Acq: 20 Nov 2019 13:43

Tgt Ion:	153	Resp:	3810
Ion Ratio	Lower	Upper	
153	100		
152	51.3	39.6	59.4
154	87.8	70.6	106.0

Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.088 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN008658.D

Acq: 20 Nov 2019 13:43

Instrument :

BNA_N

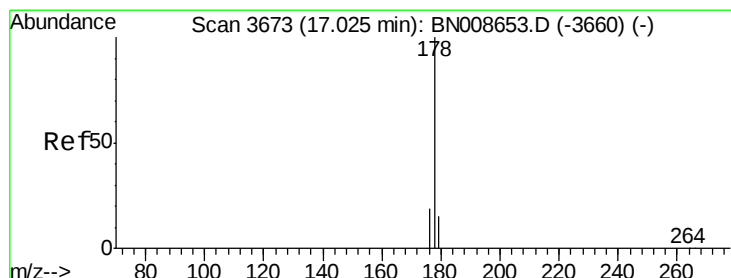
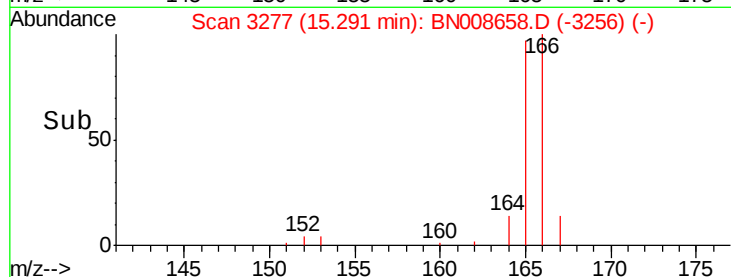
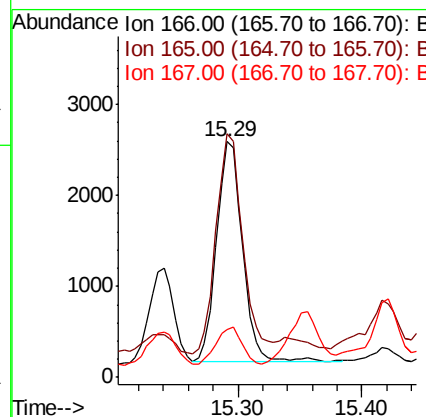
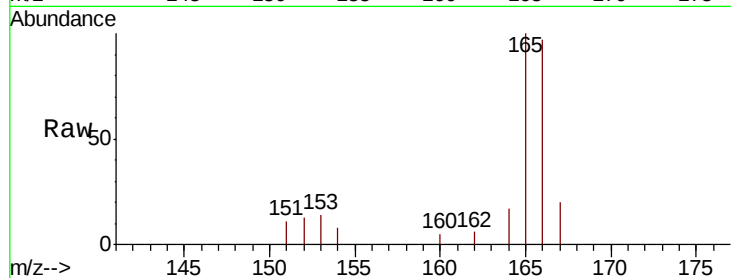
ClientSampleId :

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Tot Ion:	166	Resp:	3509
Ion	Ratio	Lower	Upper
166	100		
165	103.3	77.4	116.0
167	20.5	11.4	17.0#

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#12

Phenanthrene

Concen: 1.373 ng/ul

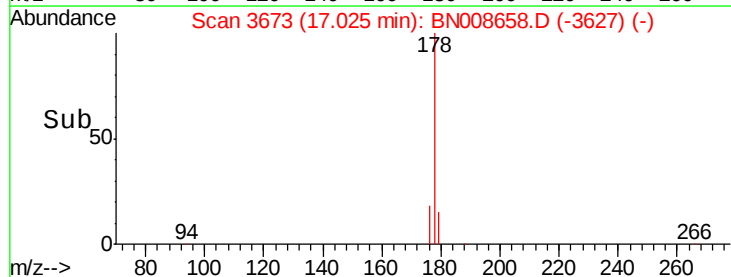
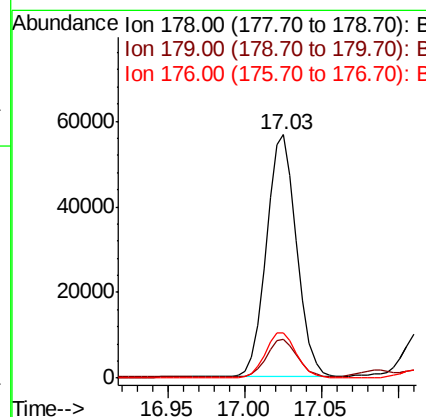
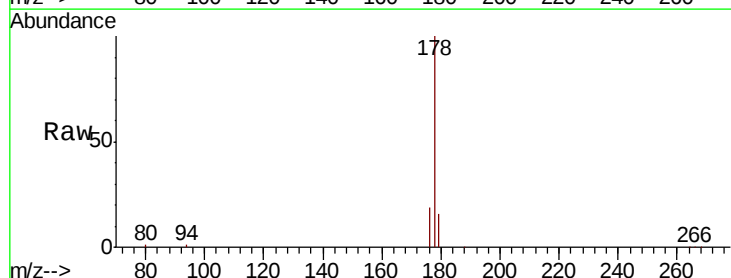
RT: 17.03 min Scan# 3673

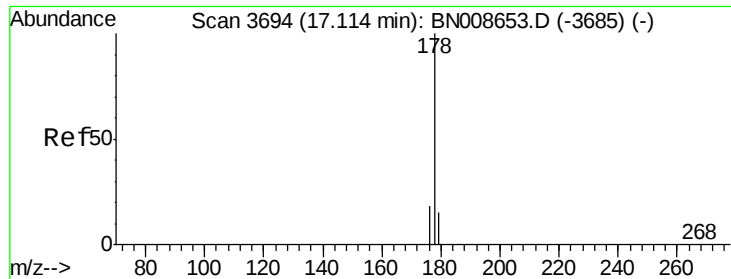
Delta R.T. -0.00 min

Lab File: BN008658.D

Acq: 20 Nov 2019 13:43

Tgt Ion:	178	Resp:	77615
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	18.7	16.0	24.0





#13

Anthracene

Concen: 0.314 ng/ul

RT: 17.11 min Scan# 3694

Delta R.T. -0.00 min

Lab File: BN008658.D

Acq: 20 Nov 2019 13:43

Instrument :

BNA_N

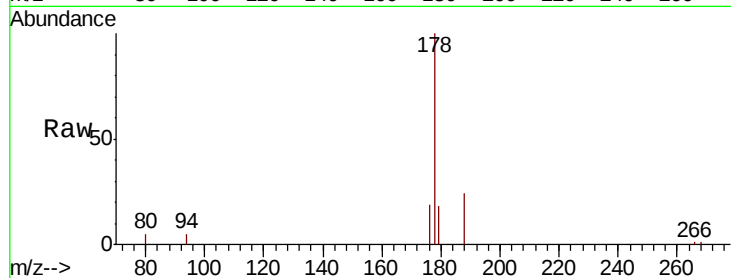
ClientSampled :

JLNB0

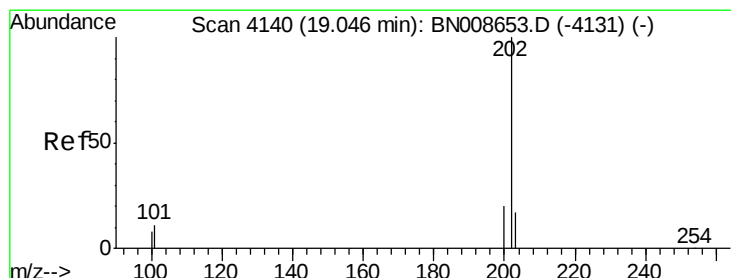
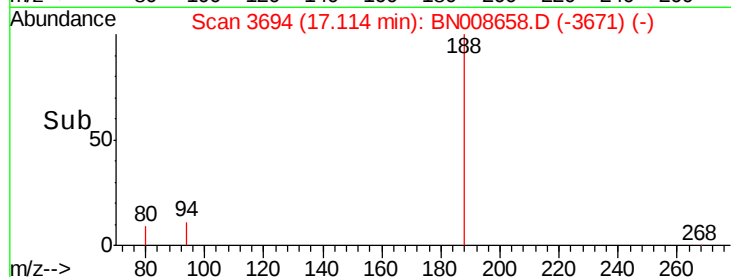
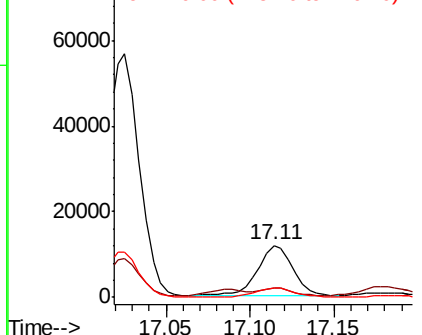
Tot Ion:	178	Resp:	16743
Ion Ratio	Lower	Upper	
178	100		
179	18.3	13.0	19.4
176	19.1	15.3	22.9

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 2.606 ng/ul

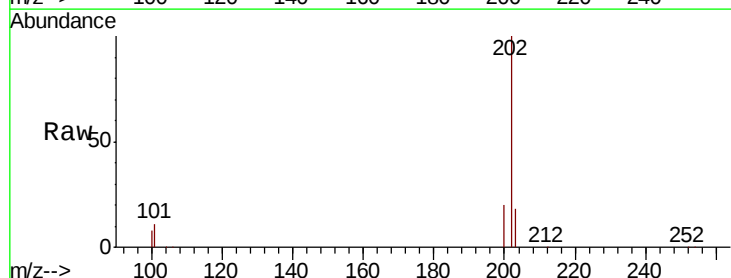
RT: 19.05 min Scan# 4140

Delta R.T. -0.00 min

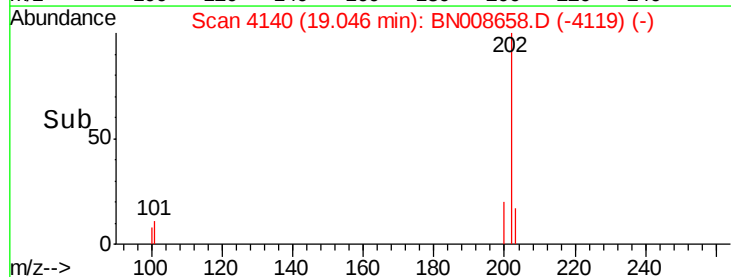
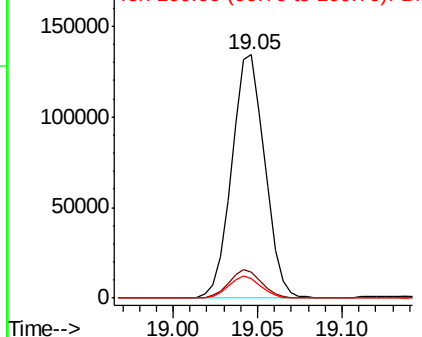
Lab File: BN008658.D

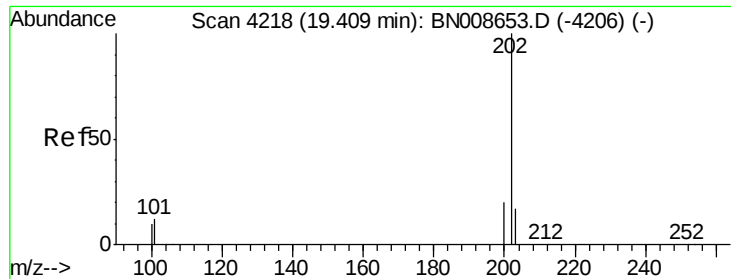
Acq: 20 Nov 2019 13:43

Tgt Ion:	202	Resp:	180923
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	29.6
100	8.0	0.0	27.0



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





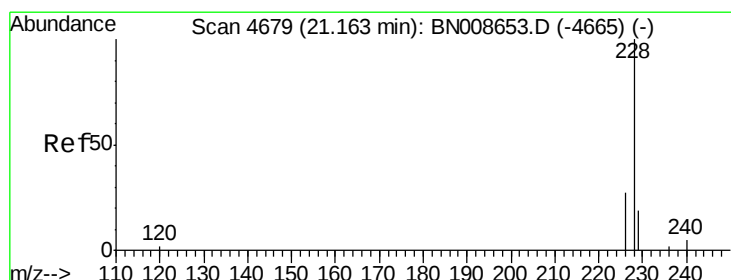
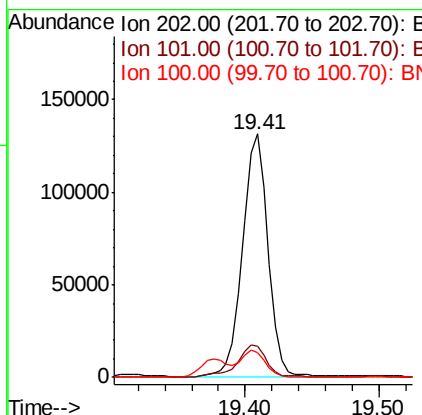
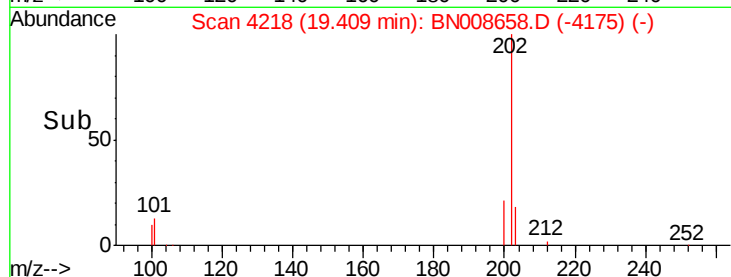
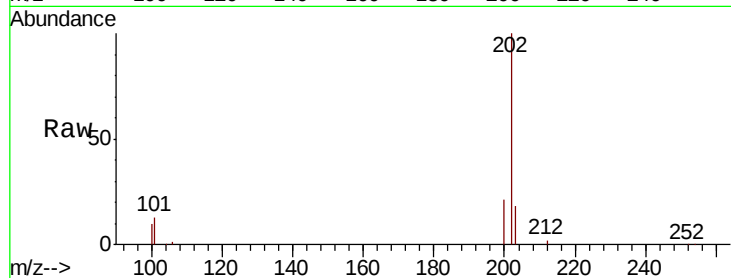
#17
Pvrene
Concen: 3.249 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008658.D
Acq: 20 Nov 2019 13:43

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	10.2	15.2
100	10.3	8.2	12.2

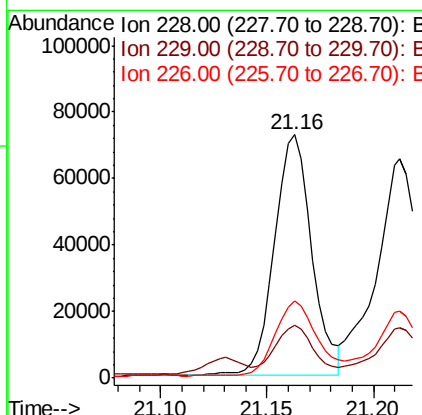
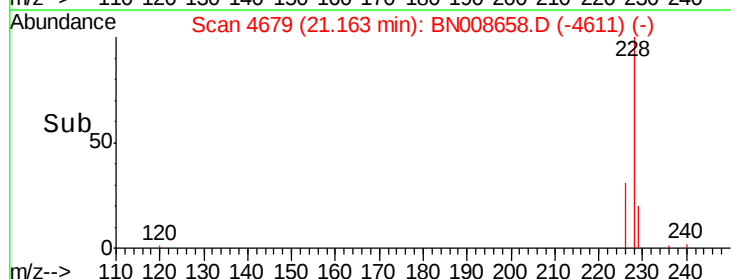
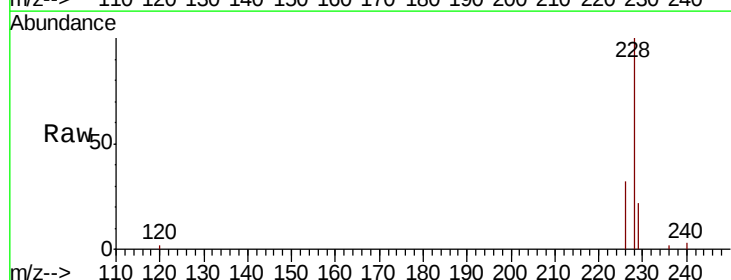
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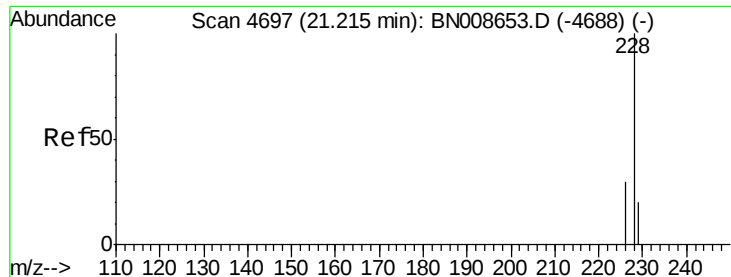
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#18
Benzo(a)anthracene
Concen: 1.661 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008658.D
Acq: 20 Nov 2019 13:43

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.9	15.8	23.6
226	31.5	21.6	32.4





#19

Chrysene

Concen: 1.737 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008658.D

Acq: 20 Nov 2019 13:43

Instrument :

BNA_N

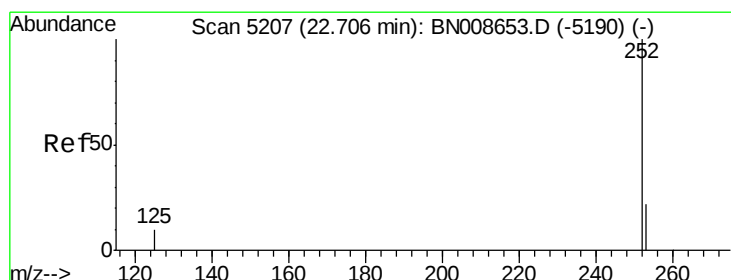
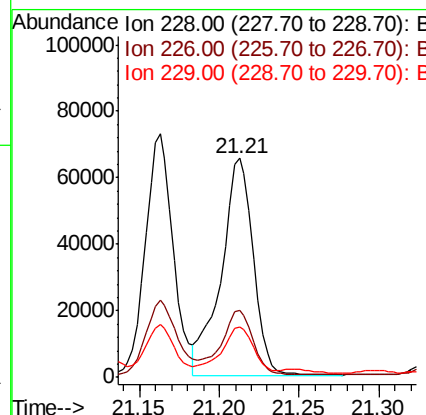
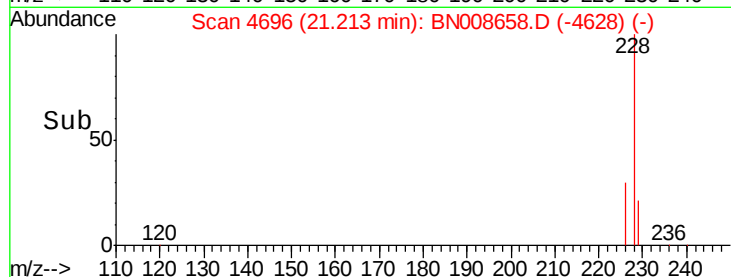
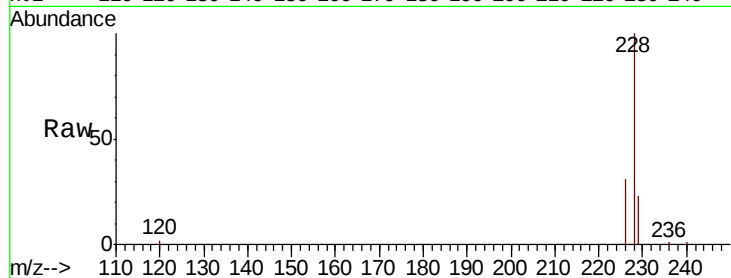
ClientSampled :

JLNB0

Tot Ion:	228	Resp:	90644
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.5	36.7
229	23.1	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 1.887 ng/ul m

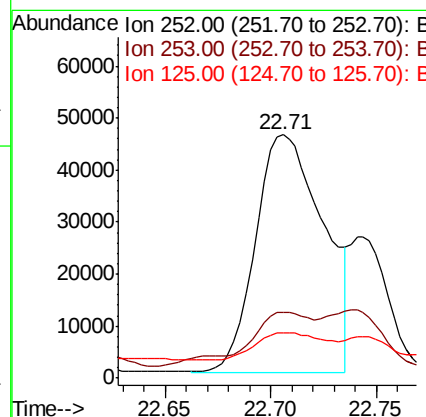
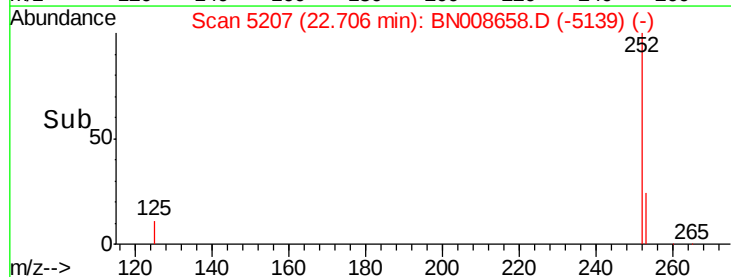
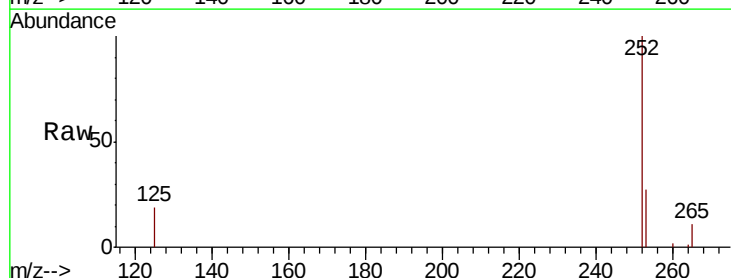
RT: 22.71 min Scan# 5207

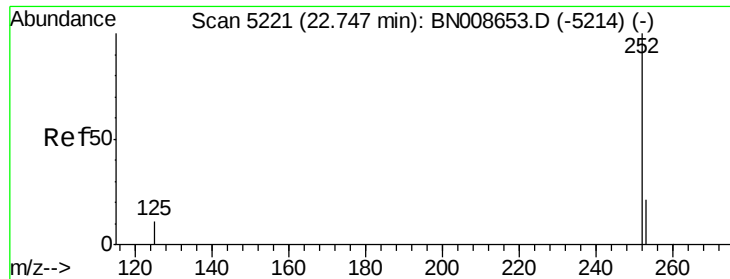
Delta R.T. 0.00 min

Lab File: BN008658.D

Acq: 20 Nov 2019 13:43

Tgt Ion:	252	Resp:	102659
Ion Ratio	Lower	Upper	
252	100		
253	27.1	0.0	50.2
125	18.6	0.0	30.0





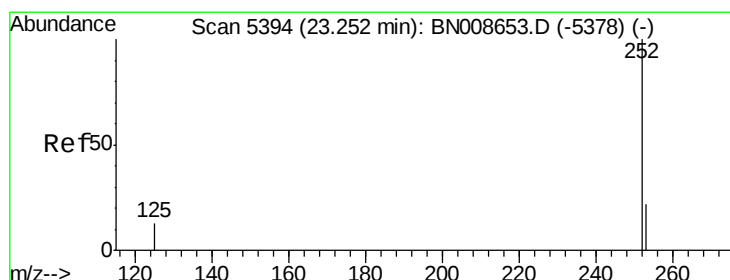
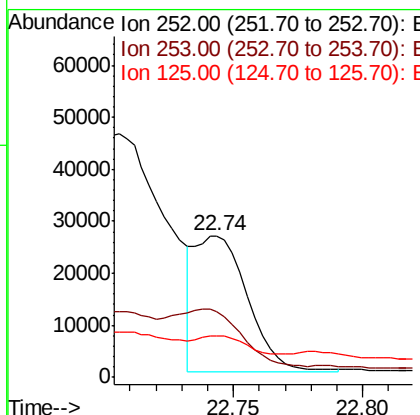
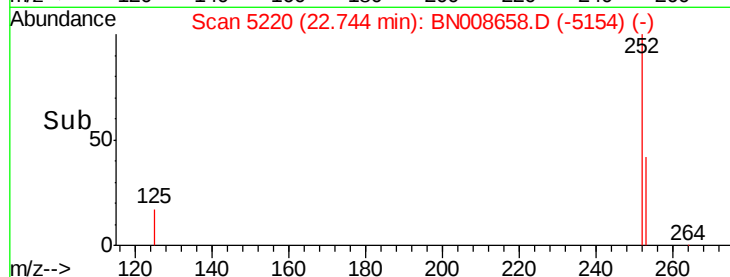
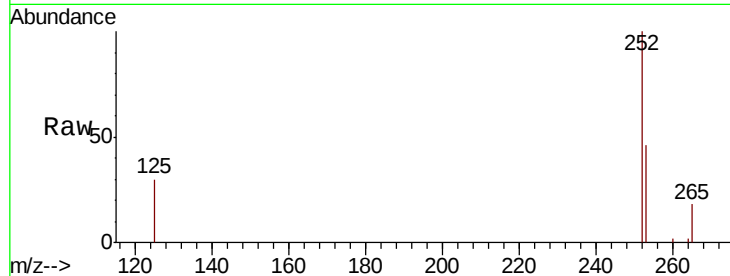
#22
Benzo(k)fluoranthene
Concen: 0.690 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008658.D
Acq: 20 Nov 2019 13:43

Instrument :
BNA_N
ClientSampleId :
JLNB0

Tot Ion	Ratio	Lower	Upper
252	100		
253	45.9	20.5	30.7#
125	29.6	15.0	22.4#

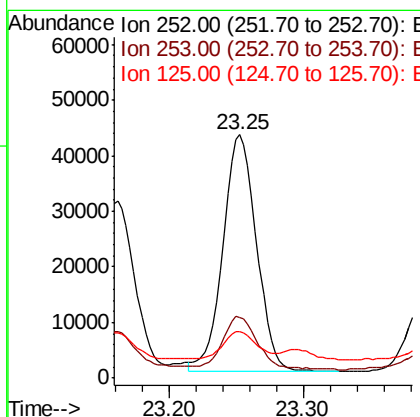
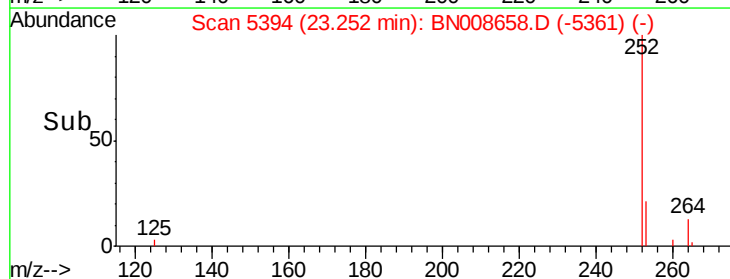
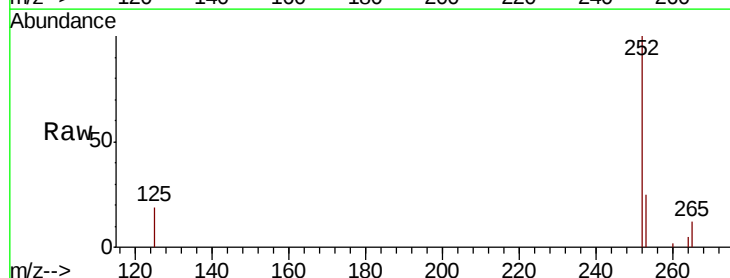
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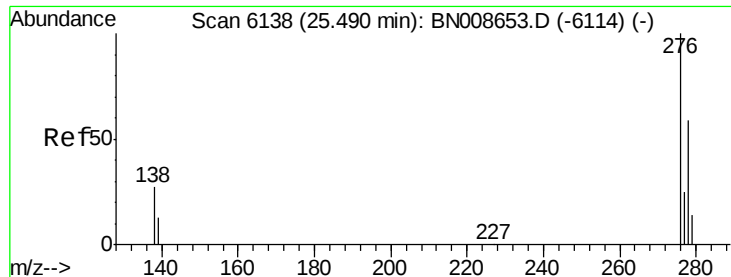
mohammad
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#23
Benzo(a)pyrene
Concen: 1.453 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.00 min
Lab File: BN008658.D
Acq: 20 Nov 2019 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.4	32.2
125	19.0	13.8	20.8





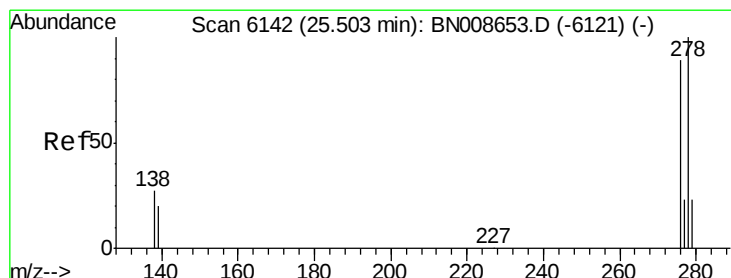
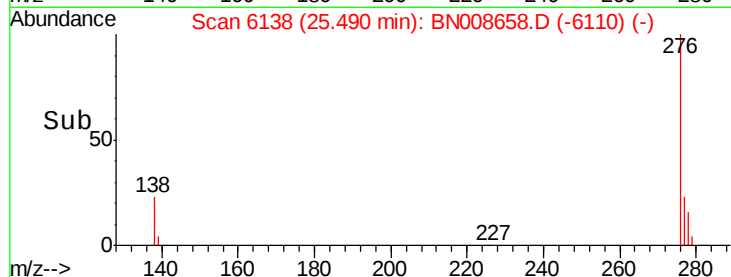
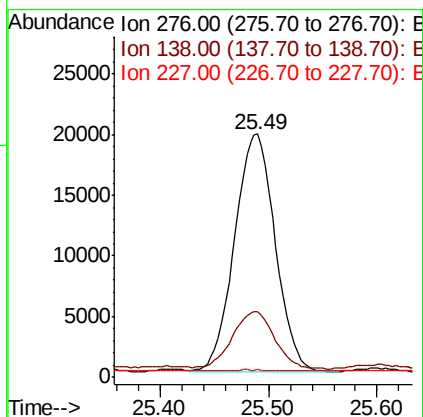
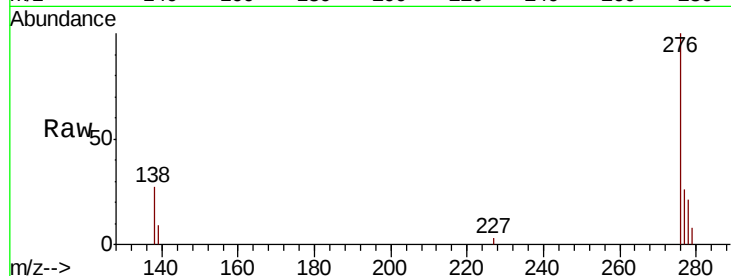
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.852 ng/ul
 RT: 25.49 min Scan# 6138
 Delta R.T. -0.01 min
 Lab File: BN008658.D
 Acq: 20 Nov 2019 13:43

Instrument :
 BNA_N
 ClientSampleId :
 JLNBO

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	21.7	32.5
227	0.0	0.2	0.2

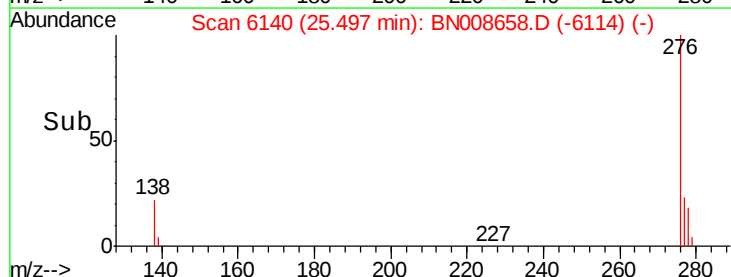
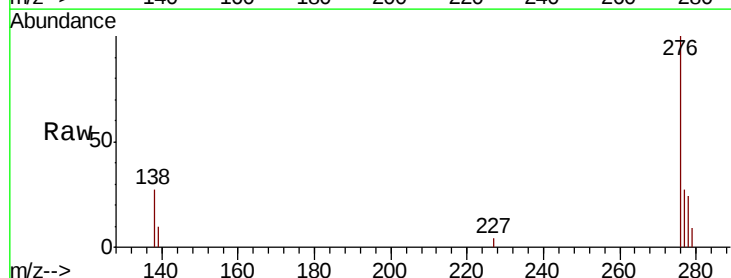
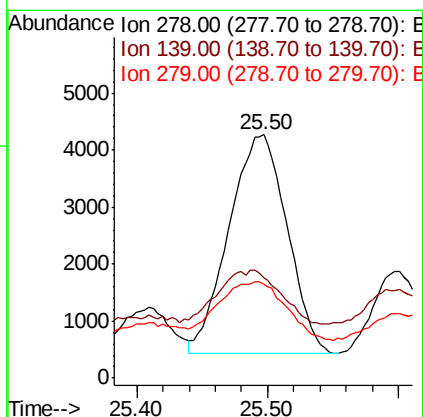
Manual Integrations
 APPROVED

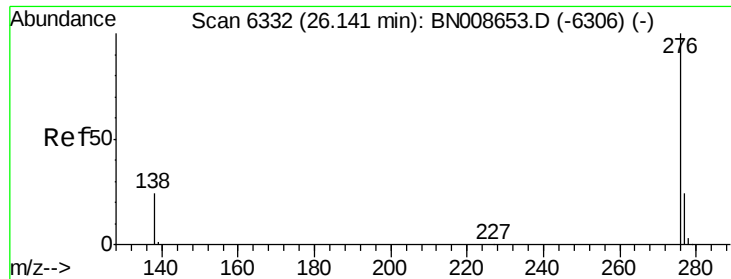
mohammad
 11/21/2019 1:06:07 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.245 ng/ul
 RT: 25.50 min Scan# 6140
 Delta R.T. -0.01 min
 Lab File: BN008658.D
 Acq: 20 Nov 2019 13:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.9	18.7	28.1
279	38.3	20.8	31.2





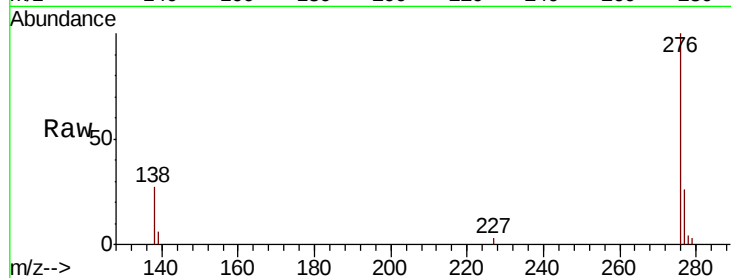
#26
 Benzo(a,h,i)perylene
 Concen: 1.055 ng/ul
 RT: 26.14 min Scan# 6332
 Delta R.T. 0.00 min
 Lab File: BN008658.D
 Acq: 20 Nov 2019 13:43

Instrument :
 BNA_N
 ClientSampleId :
 JLNBO

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.0	30.0
277	25.6	20.0	30.0

Manual Integrations
 APPROVED

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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

