

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008937.D
 Acq On : 12 Dec 2019 10:08
 Operator : JU
 Sample : K6088-19DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP7DL

Manual Integrations
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mohammad
 12/13/2019 8:07:36 AM

Quant Time: Dec 12 11:17:19 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 : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2757	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.30	136	11381	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.18	164	7404	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	17110	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14643	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	14405	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	710	0.04	ng/ul	-0.01
14) Fluoranthene-d10	18.96	212	2130	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.35	128	1954	0.057	ng/ul#	91
5) 2-Methylnaphthalene	11.97	142	652	0.027	ng/ul	97
7) Acenaphthylene	13.89	152	11228	0.274	ng/ul	99
8) Acenaphthene	14.24	153	1258	0.041	ng/ul	97
9) Fluorene	15.23	166	2904	0.081	ng/ul#	97
12) Phenanthrene	16.97	178	72099	1.249	ng/ul	99
13) Anthracene	17.06	178	14097	0.259	ng/ul	99
15) Fluoranthene	18.99	202	241559	3.407	ng/ul	100
17) Pyrene	19.35	202	210003	3.575	ng/ul	99
18) Benzo(a)anthracene	21.12	228	98290	1.669	ng/ul	98
19) Chrysene	21.17	228	97382	1.684	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	137864m	2.321	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	57773m	0.981	ng/ul	
23) Benzo(a)pyrene	23.19	252	100212m	1.797	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.38	276	66187	1.015	ng/ul	91
25) Dibenzo(a,h)anthracene	25.39	278	15012	0.285	ng/ul	96
26) Benzo(a,h,i)perylene	26.02	276	63937	1.172	ng/ul	97

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

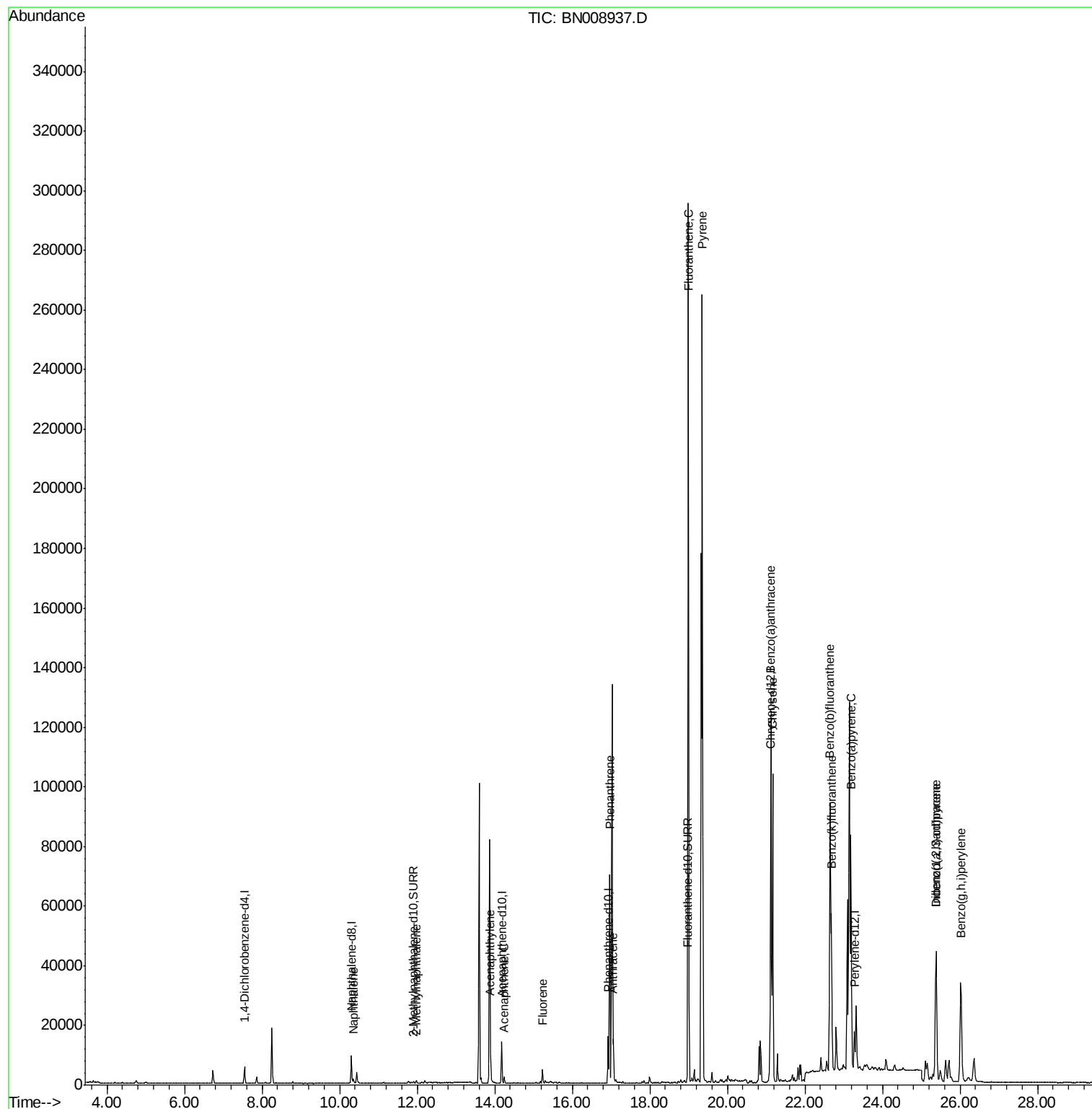
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
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ALS Vial : 28 Sample Multiplier: 1

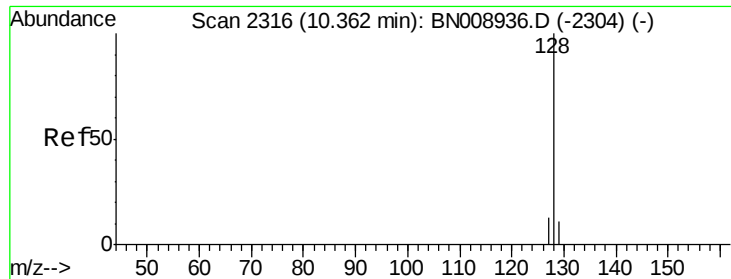
Instrument :
BNA_N
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C0BP7DL

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Quant Time: Dec 12 11:17:19 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 : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.057 ng/ul

RT: 10.35 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

Instrument :

BNA_N

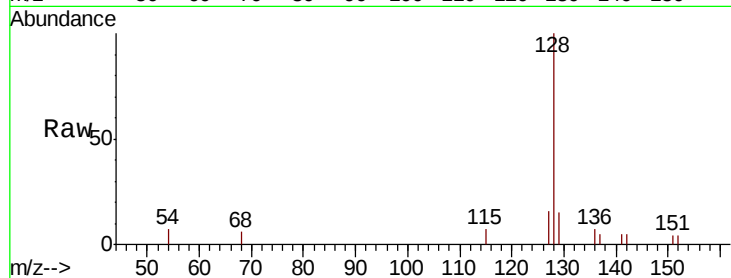
ClientSampleId :

C0BP7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.1	13.7#
127	16.5	10.7	16.1#

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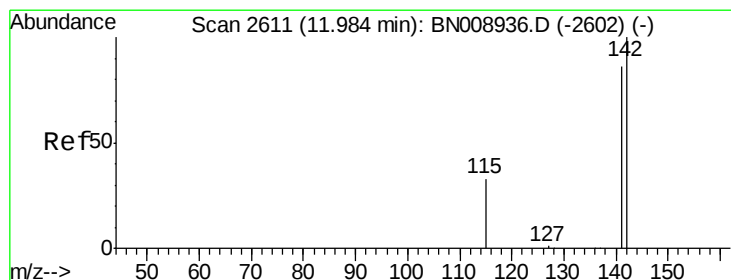
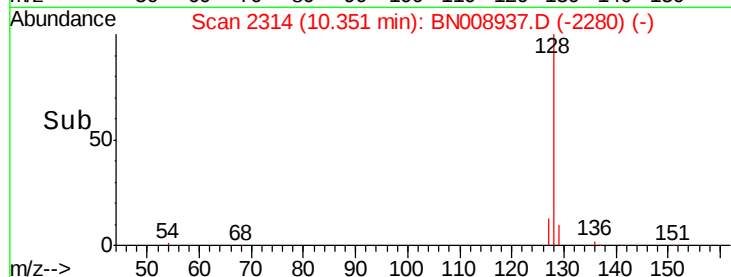
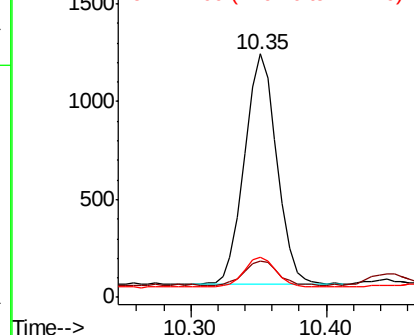


Abundance

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: 0.027 ng/ul

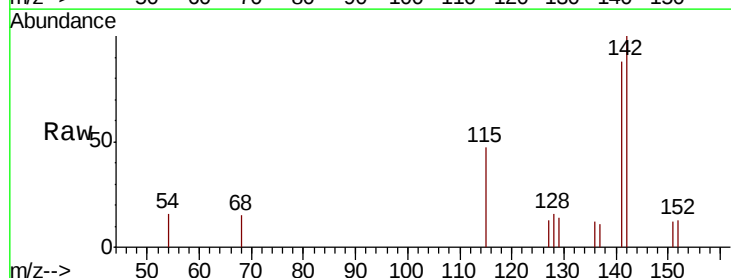
RT: 11.97 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

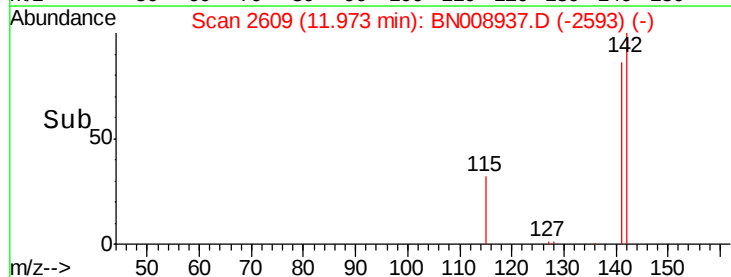
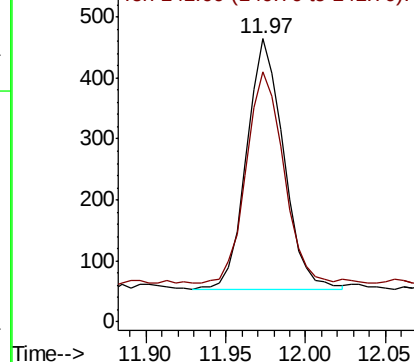
Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.3	70.1	105.1

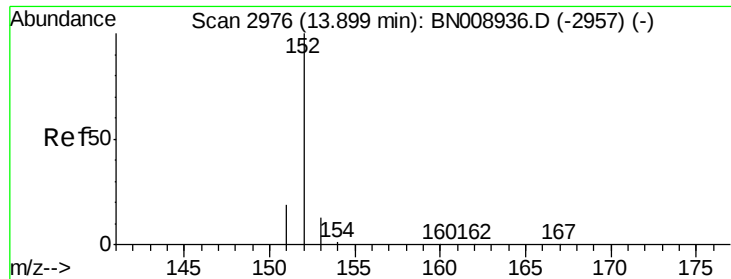


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.274 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

Instrument :

BNA_N

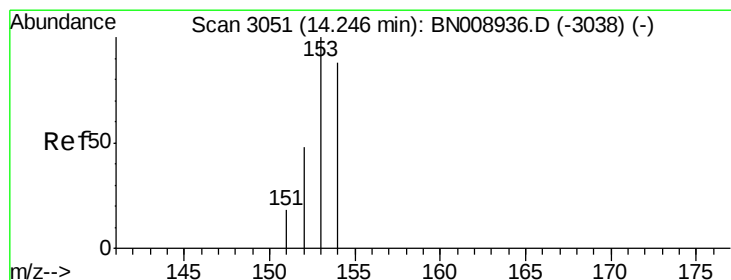
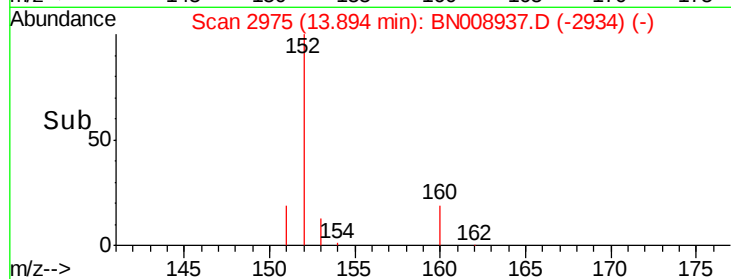
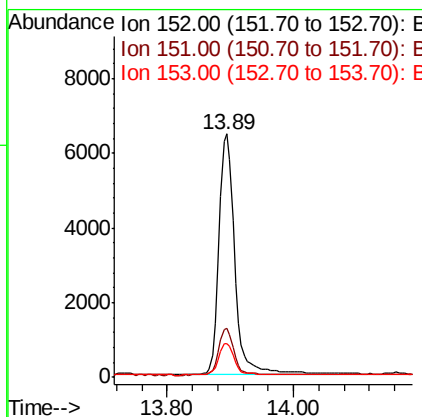
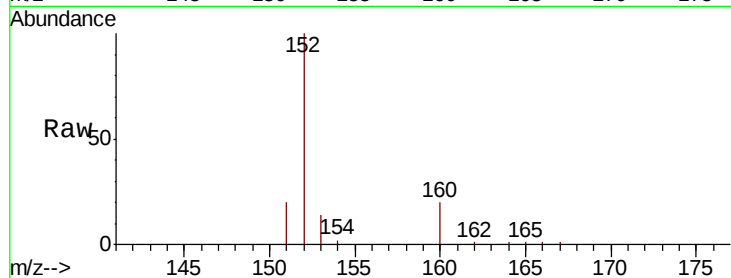
ClientSampleId :

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Tot Ion:	152	Resp:	11228
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.6
153	13.9	10.6	15.8

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#8

Acenaphthene

Concen: 0.041 ng/ul

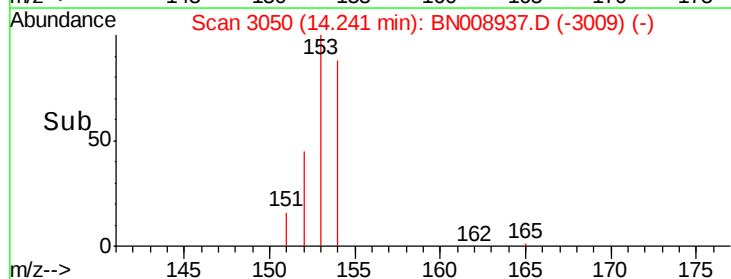
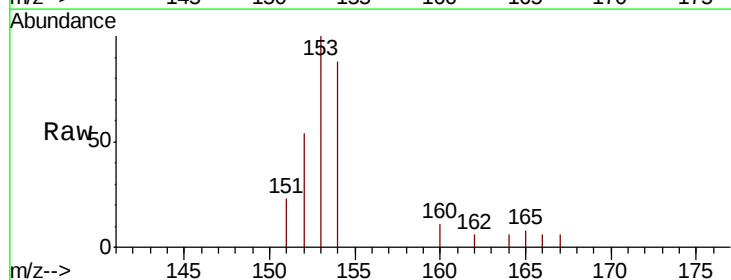
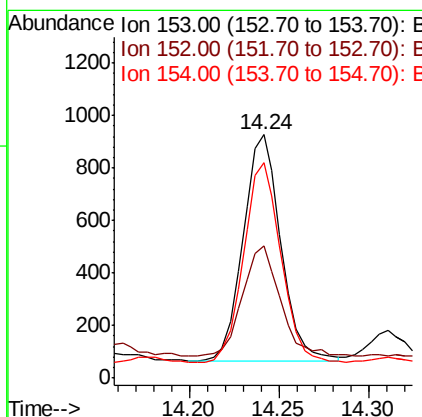
RT: 14.24 min Scan# 3050

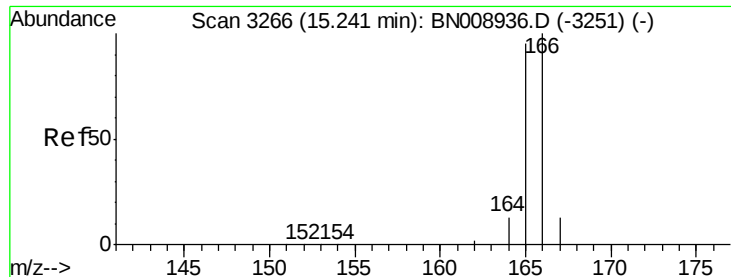
Delta R.T. -0.01 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

Tgt Ion:	153	Resp:	1258
Ion Ratio	Lower	Upper	
153	100		
152	54.2	38.6	58.0
154	88.3	70.6	105.8





#9

Fluorene

Concen: 0.081 ng/ul

RT: 15.23 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

Instrument :

BNA_N

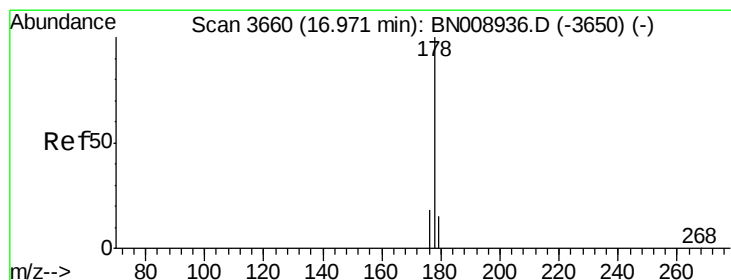
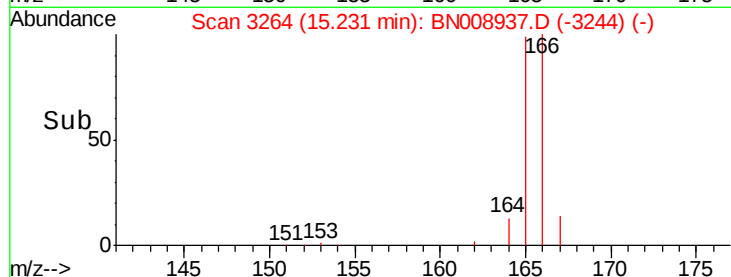
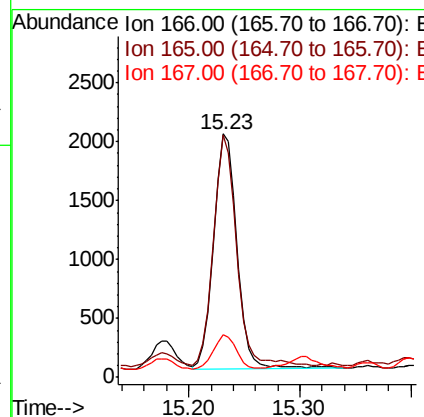
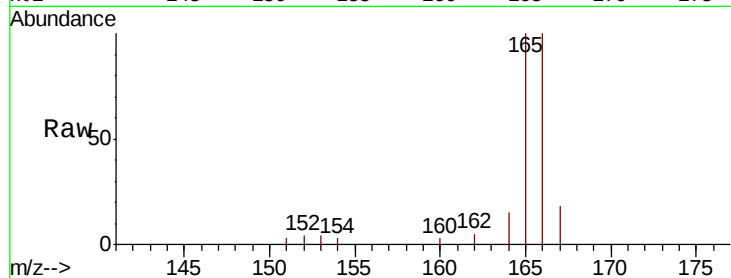
ClientSampleId :

C0BP7DL

Tot Ion:	166	Resp:	2904
Ion Ratio	Lower	Upper	
166	100		
165	99.8	77.7	116.5
167	17.5	11.1	16.7#

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#12

Phenanthrene

Concen: 1.249 ng/ul

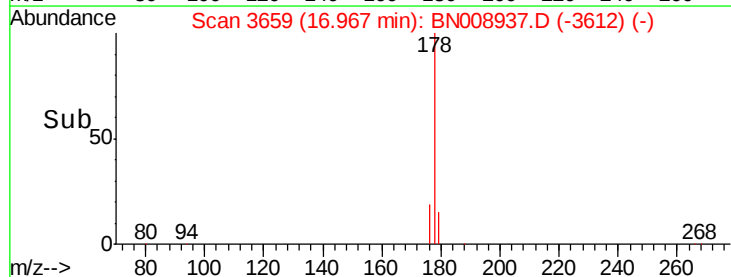
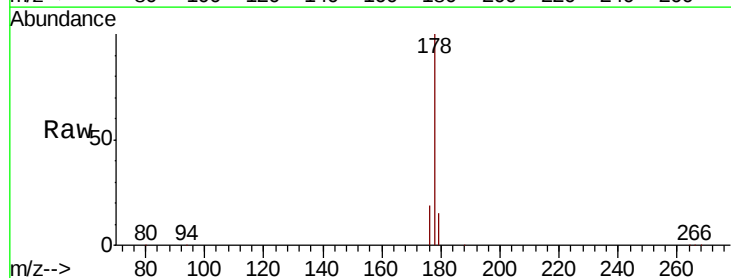
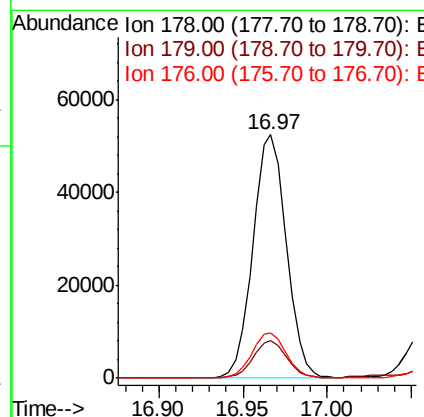
RT: 16.97 min Scan# 3659

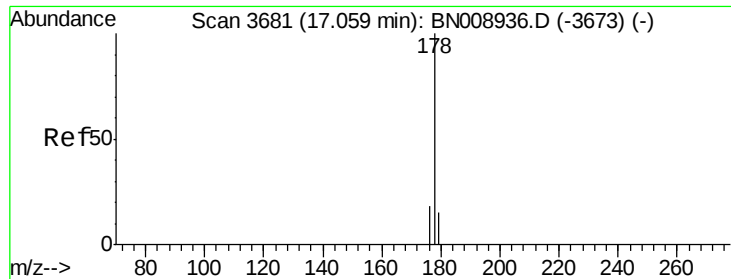
Delta R.T. -0.00 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

Tgt Ion:	178	Resp:	72099
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	18.8
176	18.8	15.3	22.9





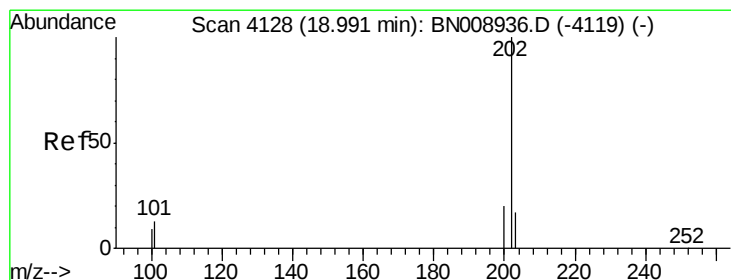
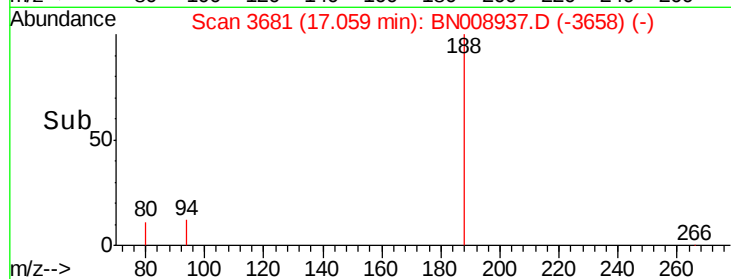
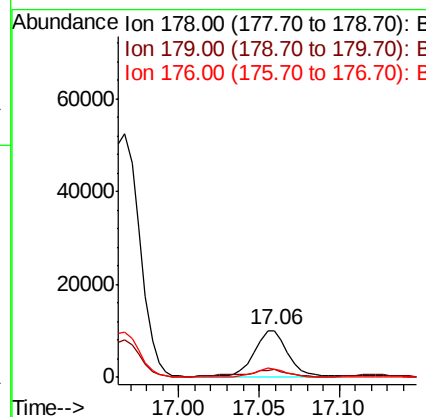
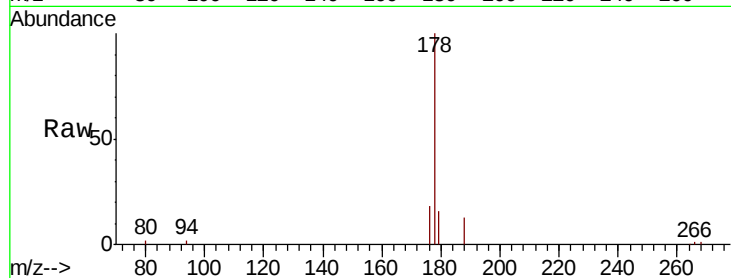
#13
 Anthracene
 Concen: 0.259 ng/ul
 RT: 17.06 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: BN008937.D
 Acq: 12 Dec 2019 10:08

Instrument :
 BNA_N
 ClientSampleId :
 C0BP7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.4
176	18.5	14.7	22.1

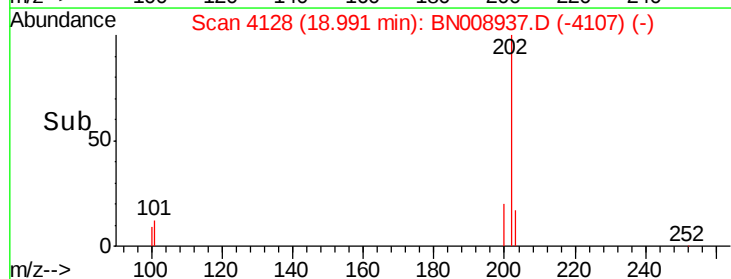
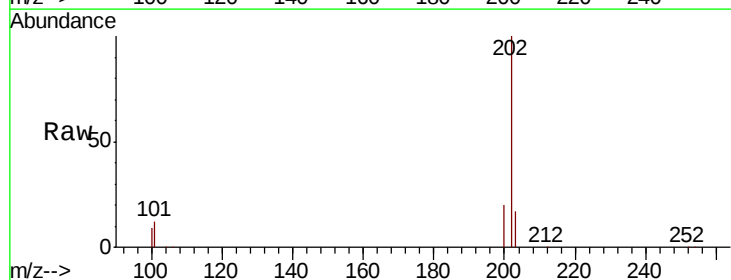
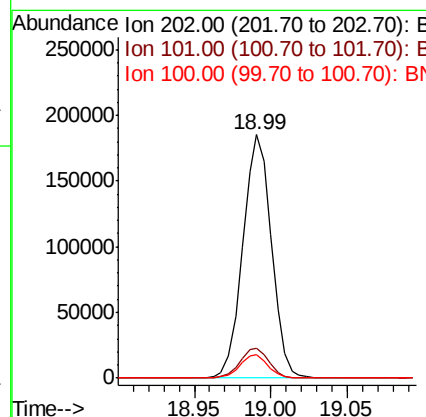
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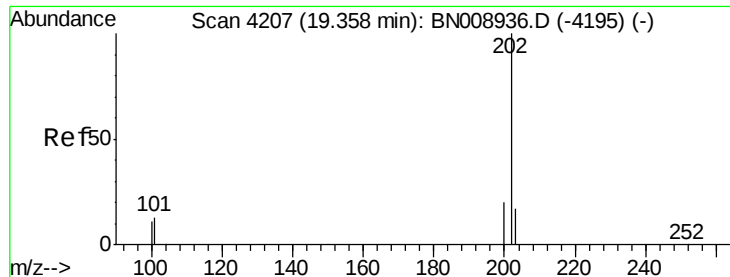
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#15
 Fluoranthene
 Concen: 3.407 ng/ul
 RT: 18.99 min Scan# 4128
 Delta R.T. -0.00 min
 Lab File: BN008937.D
 Acq: 12 Dec 2019 10:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.4
100	9.5	0.0	29.2





#17

Pvrene

Concen: 3.575 ng/ul

RT: 19.35 min Scan# 4206

Delta R.T. -0.00 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

Instrument :

BNA_N

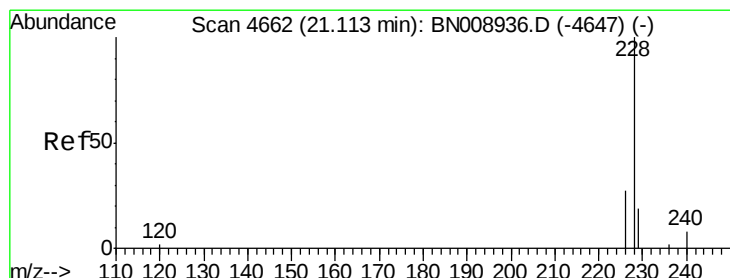
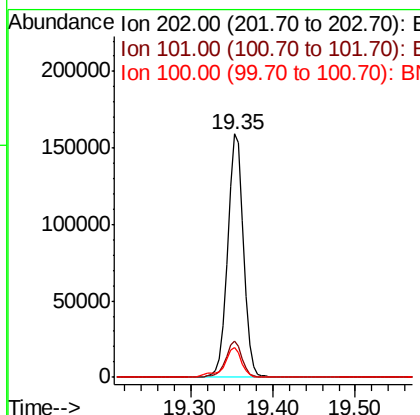
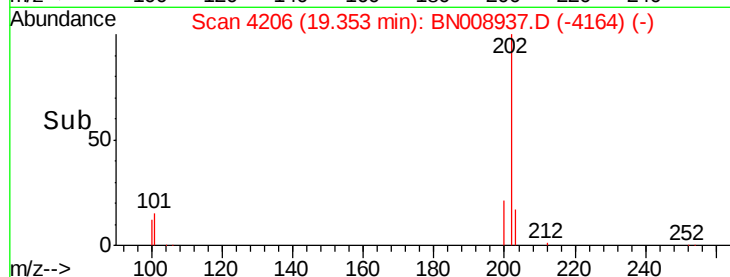
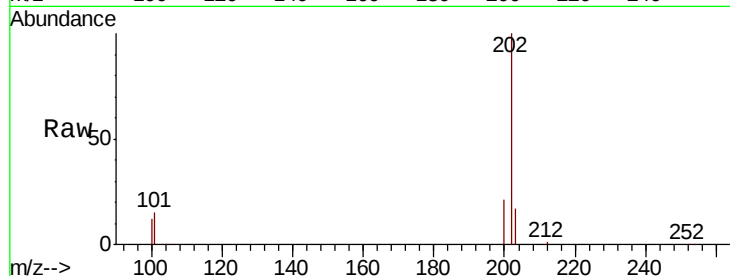
ClientSampleId :

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Tot Ion:	202	Resp:	210003
Ion Ratio	Lower	Upper	
202	100		
101	14.8	12.2	18.4
100	12.1	9.5	14.3

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#18

Benzo(a)anthracene

Concen: 1.669 ng/ul

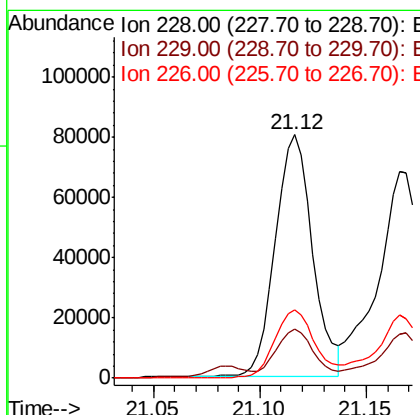
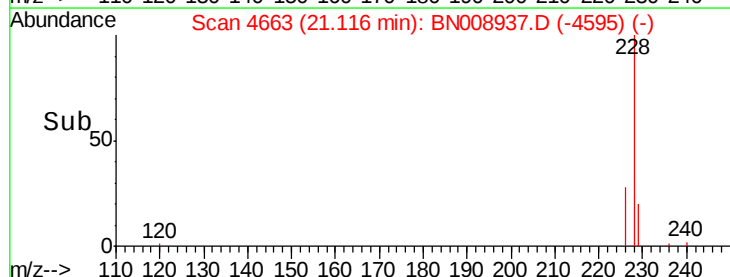
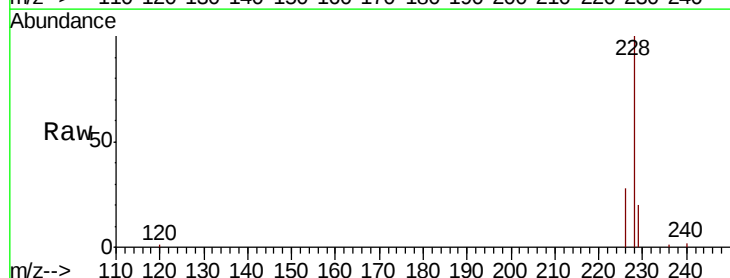
RT: 21.12 min Scan# 4663

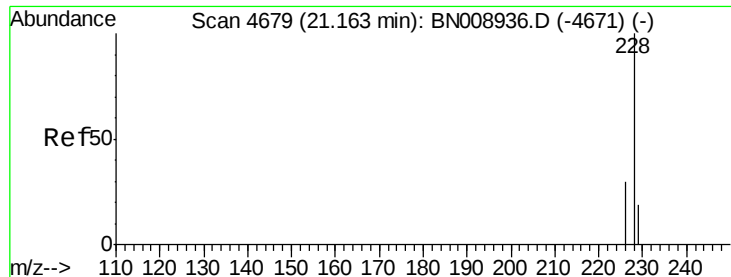
Delta R.T. -0.00 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

Tgt Ion:	228	Resp:	98290
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.7	23.5
226	28.2	21.5	32.3





#19

Chrysene

Concen: 1.684 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.00 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

Instrument :

BNA_N

ClientSampleId :

C0BP7DL

Tot Ion:228 Resp: 97382

Ion Ratio Lower Upper

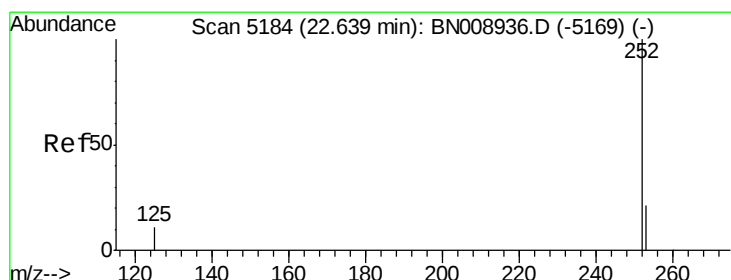
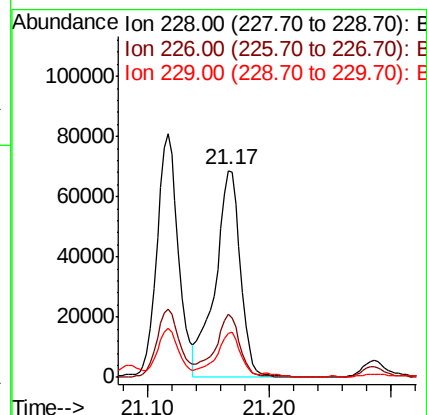
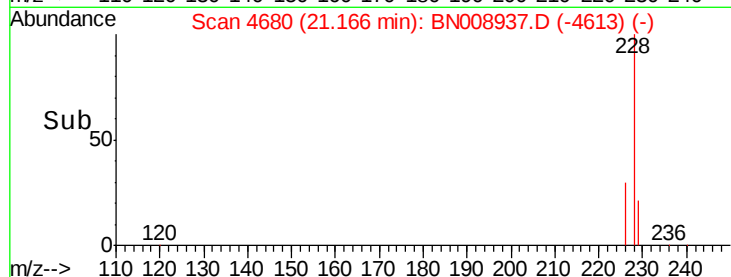
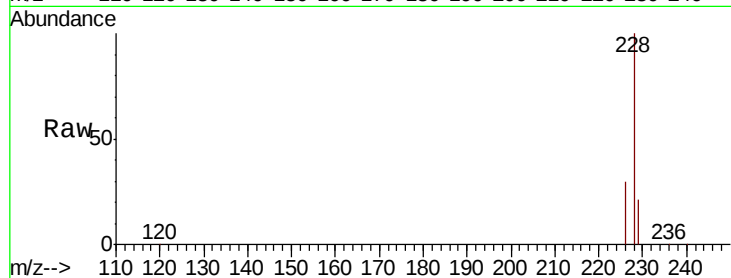
228 100

226 30.4 23.8 35.6

229 21.1 15.6 23.4

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#21

Benzo(b)fluoranthene

Concen: 2.321 ng/ul m

RT: 22.64 min Scan# 5186

Delta R.T. -0.00 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

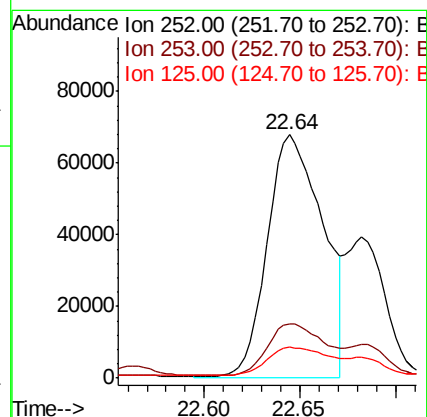
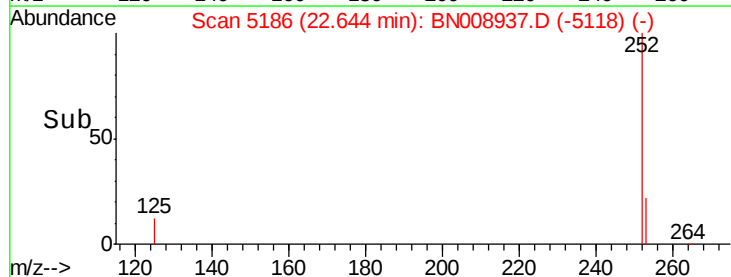
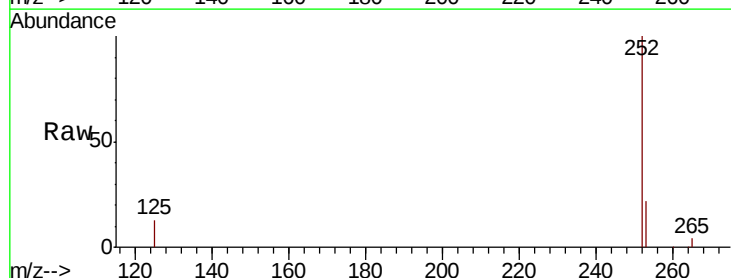
Tgt Ion:252 Resp: 137864

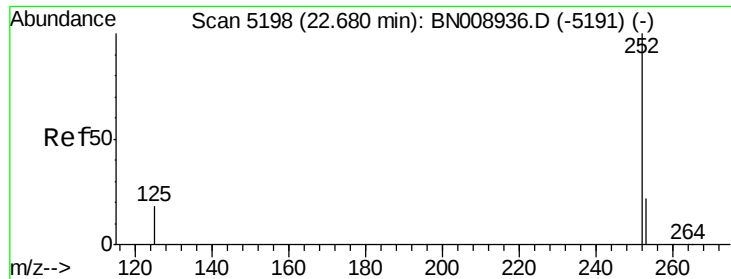
Ion Ratio Lower Upper

252 100

253 22.4 0.0 48.6

125 12.6 0.0 31.6





#22

Benzo(k)fluoranthene

Concen: 0.981 ng/ul m

RT: 22.68 min Scan# 5199

Delta R.T. -0.00 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

Instrument :

BNA_N

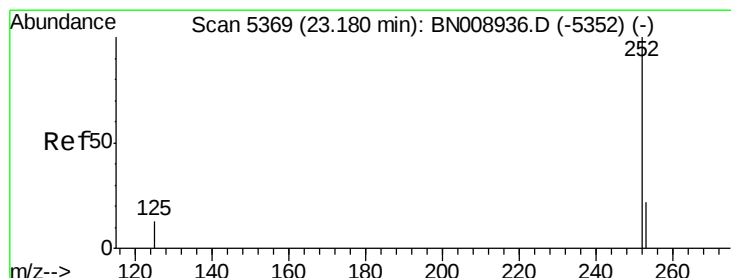
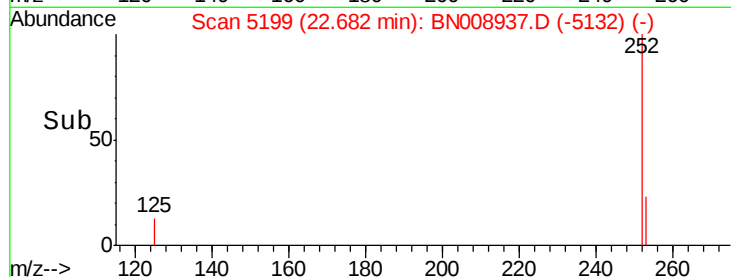
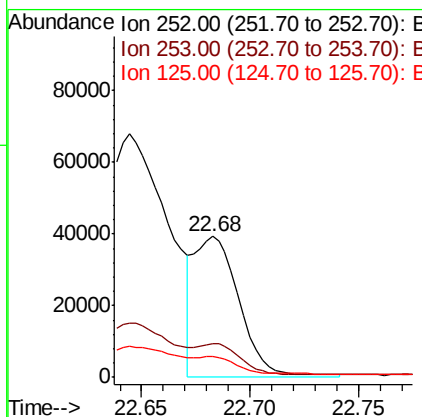
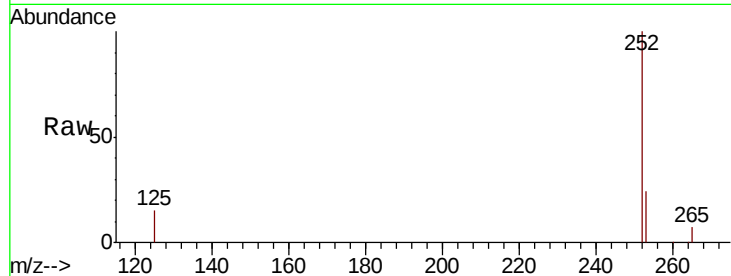
ClientSampleId :

C0BP7DL

Tot Ion:	252	Resp:	57773
Ion Ratio	Lower	Upper	
252	100		
253	24.3	19.6	29.4
125	15.0	13.8	20.6

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#23

Benzo(a)pyrene

Concen: 1.797 ng/ul m

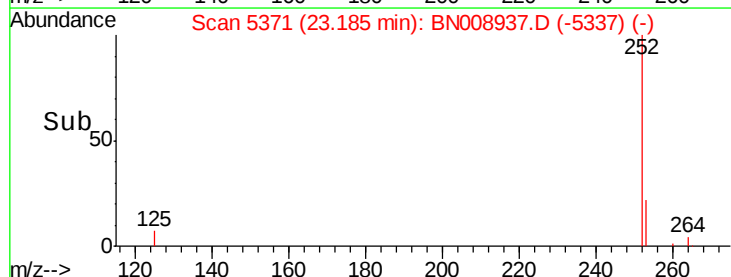
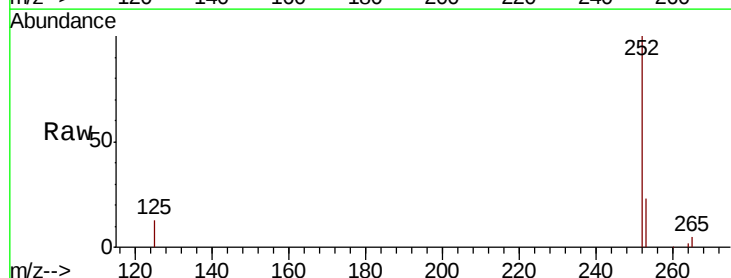
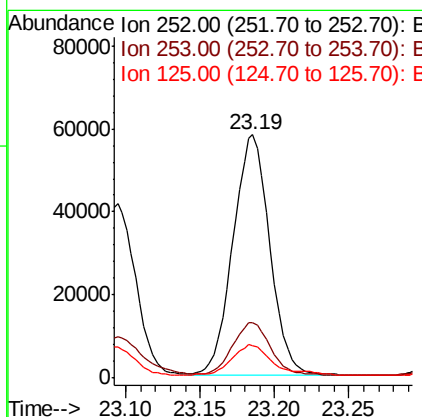
RT: 23.19 min Scan# 5371

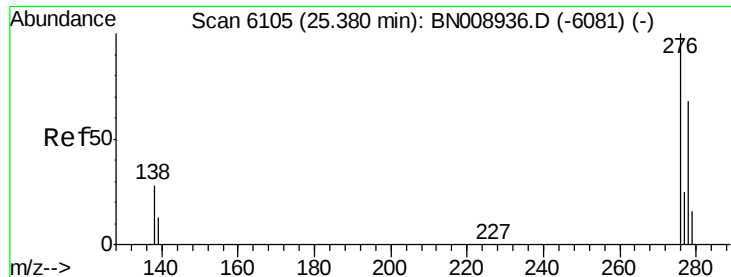
Delta R.T. -0.00 min

Lab File: BN008937.D

Acq: 12 Dec 2019 10:08

Tgt Ion:	252	Resp:	100212
Ion Ratio	Lower	Upper	
252	100		
253	22.7	19.9	29.9
125	13.4	14.6	22.0





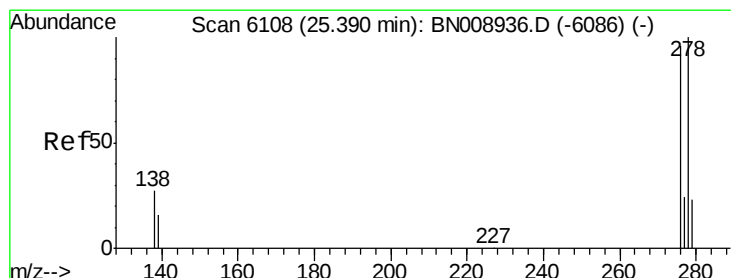
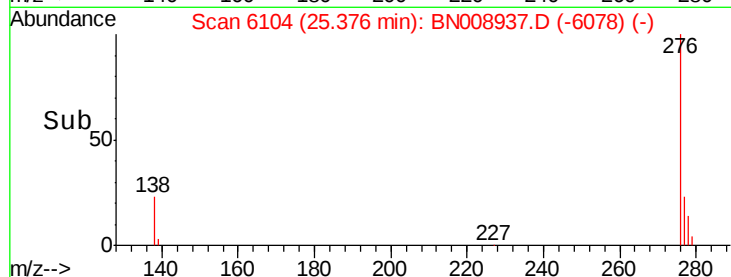
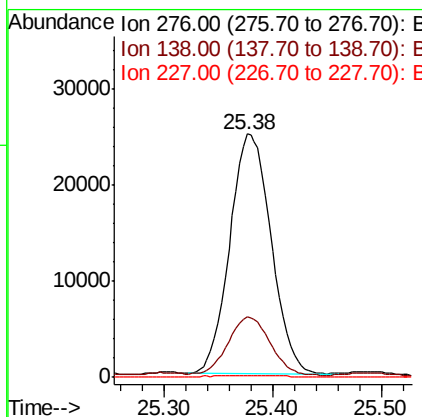
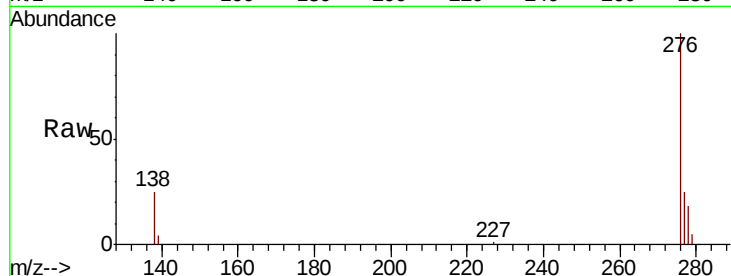
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.015 ng/ul
 RT: 25.38 min Scan# 6104
 Delta R.T. -0.01 min
 Lab File: BN008937.D
 Acq: 12 Dec 2019 10:08

Instrument :
 BNA_N
 ClientSampleId :
 C0BP7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	23.8	35.6
227	0.2	0.2	0.2

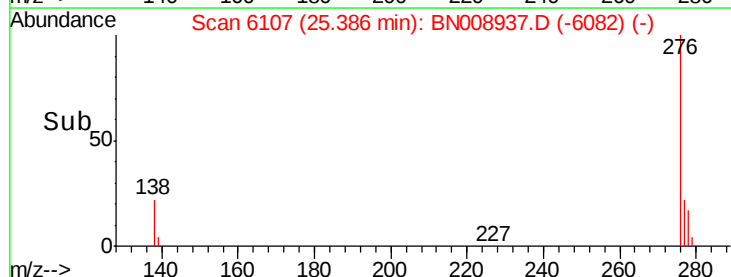
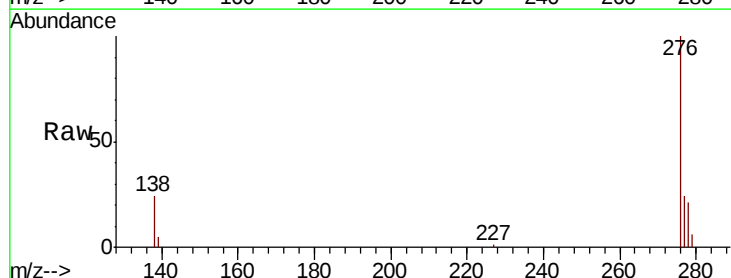
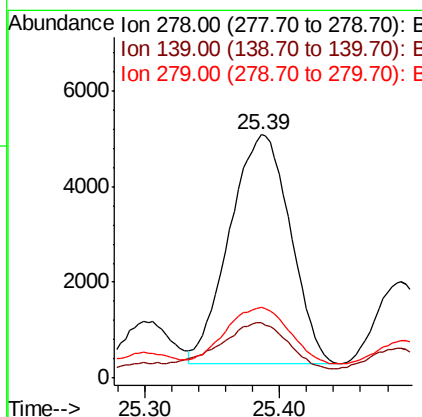
Manual Integrations
 APPROVED

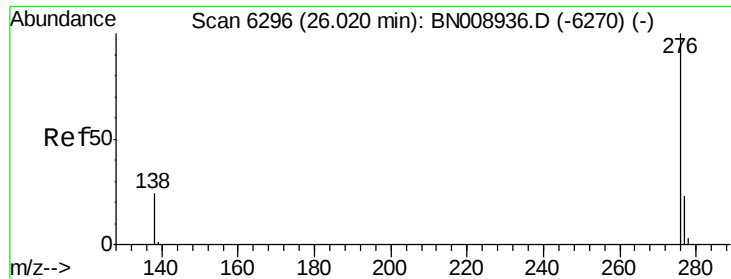
mohammad
 12/13/2019 8:07:36 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.285 ng/ul
 RT: 25.39 min Scan# 6107
 Delta R.T. -0.02 min
 Lab File: BN008937.D
 Acq: 12 Dec 2019 10:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	17.4	26.0
279	28.9	20.5	30.7





#26
 Benzo(a,h,i)perylene
 Concen: 1.172 ng/ul
 RT: 26.02 min Scan# 6296
 Delta R.T. -0.01 min
 Lab File: BN008937.D
 Acq: 12 Dec 2019 10:08

Instrument :
 BNA_N
 ClientSampleId :
 C0BP7DL

Tot Ion:	276	Resp:	63937
Ion Ratio	Lower	Upper	
276	100		
138	25.0	21.9	32.9
277	24.1	19.9	29.9

Manual Integrations
 APPROVED

mohammad
 12/13/2019 8:07:36 AM

