

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008860.D
 Acq On : 06 Dec 2019 15:27
 Operator : JU
 Sample : K6007-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL2

Manual Integrations
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Quant Time: Dec 06 16:01:18 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 : Fri Dec 06 12:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3003	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	13545	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	8910	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	19679	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	17293	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	19470	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	4276	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	12249	0.20	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.37	128	14881	0.364	ng/ul	99
5) 2-Methylnaphthalene	12.00	142	17913	0.628	ng/ul	100
7) Acenaphthylene	13.91	152	15038	0.305	ng/ul	98
8) Acenaphthene	14.26	153	10606	0.290	ng/ul	99
9) Fluorene	15.25	166	44474	1.036	ng/ul	98
12) Phenanthrene	16.98	178	380050	5.726	ng/ul	99
13) Anthracene	17.07	178	85656	1.366	ng/ul	99
15) Fluoranthene	19.00	202	477477	5.856	ng/ul	100
17) Pyrene	19.37	202	361503	5.211	ng/ul	99
18) Benzo(a)anthracene	21.13	228	181694	2.613	ng/ul	98
19) Chrysene	21.18	228	155737	2.280	ng/ul	97
21) Benzo(b)fluoranthene	22.66	252	207652m	2.586	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	73037m	0.917	ng/ul	
23) Benzo(a)pyrene	23.20	252	153115	2.032	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.41	276	92785	1.053	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.42	278	22496	0.316	ng/ul	92
26) Benzo(a,h,i)perylene	26.05	276	84515	1.146	ng/ul	98

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

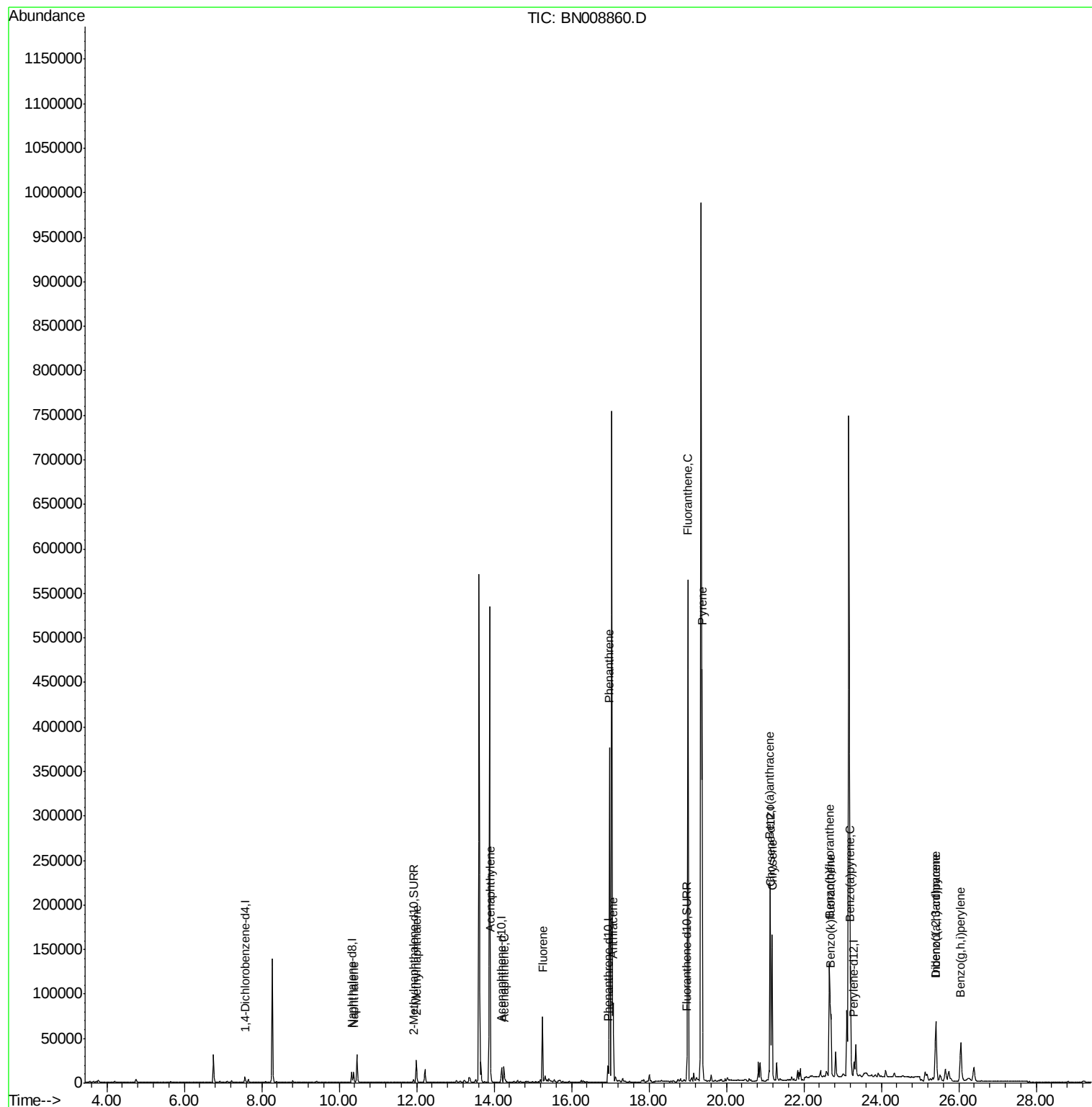
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008860.D
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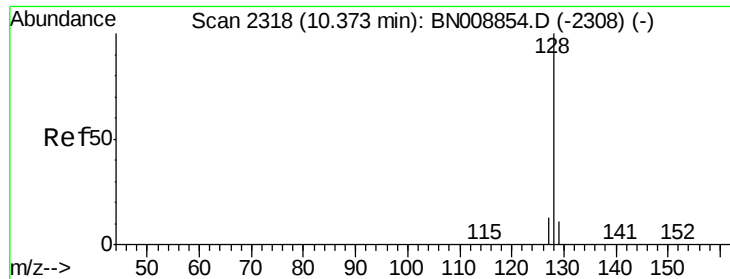
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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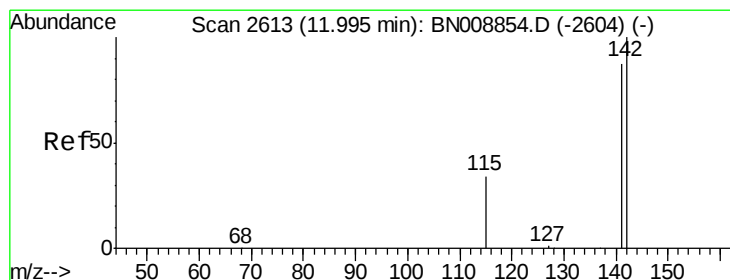
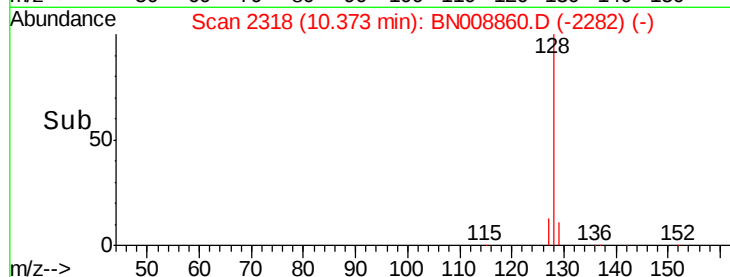
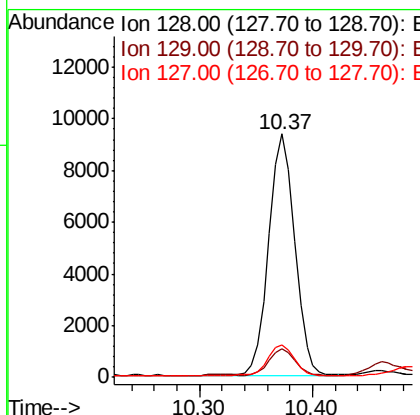
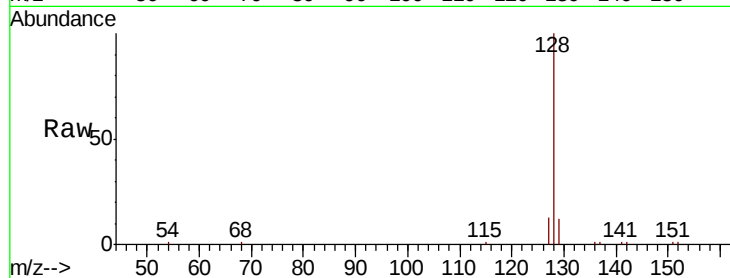
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Naphthalene
Concen: 0.364 ng/ul
RT: 10.37 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BN008860.D
Acq: 06 Dec 2019 15:27

Instrument :
BNA_N
ClientSampleId :
C0BL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.1	10.7	16.1

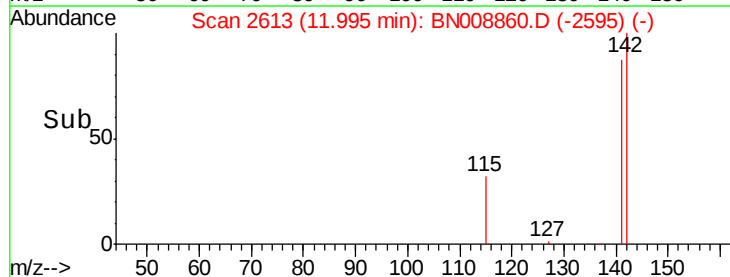
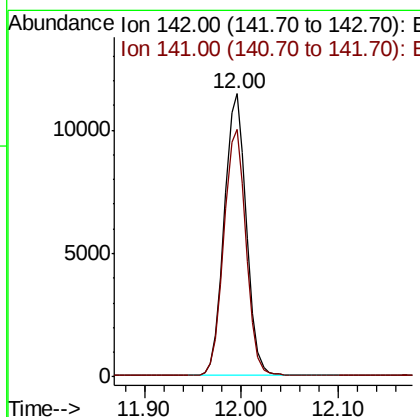
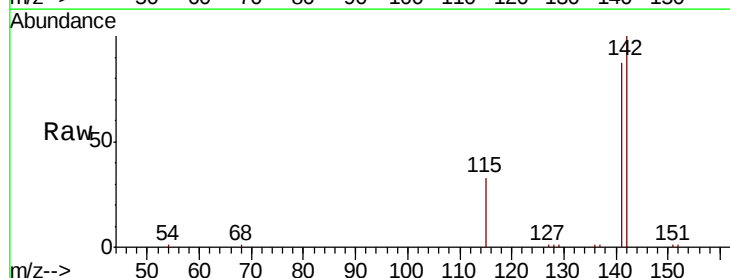
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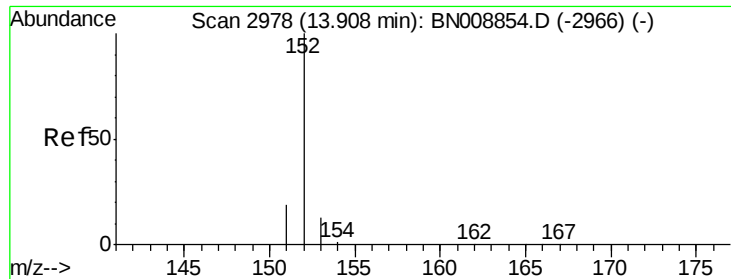
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#5
2-Methylnaphthalene
Concen: 0.628 ng/ul
RT: 12.00 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BN008860.D
Acq: 06 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.1	105.1





#7

Acenaphthylene

Concen: 0.305 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. 0.00 min

Lab File: BN008860.D

Acq: 06 Dec 2019 15:27

Instrument :

BNA_N

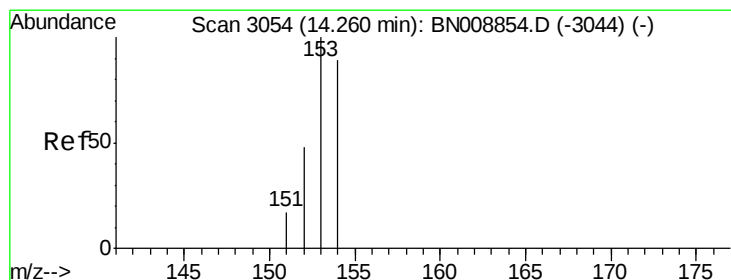
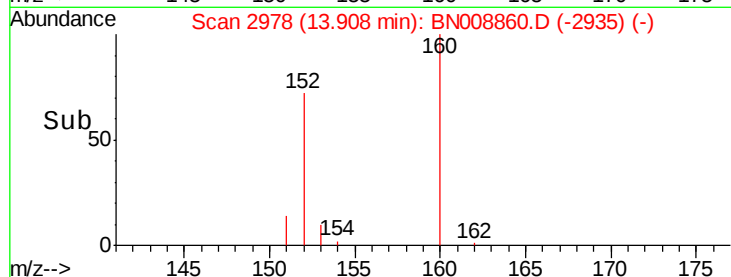
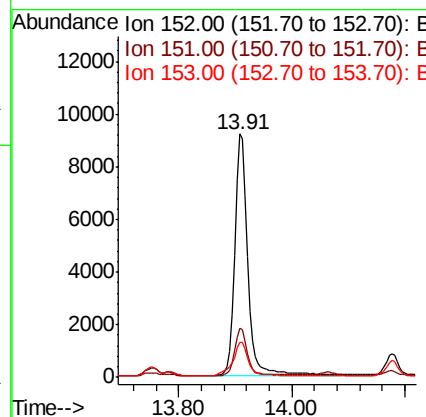
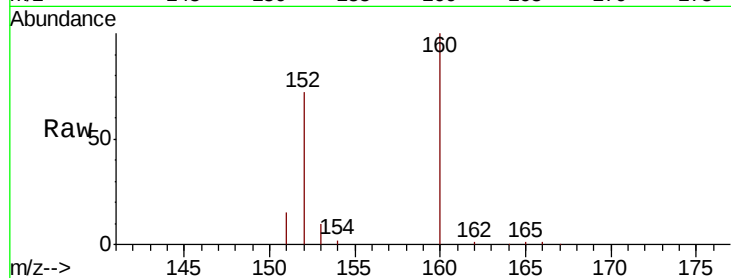
ClientSampleId :

C0BL2

Tot Ion:	152	Resp:	15038
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.6
153	14.2	10.6	15.8

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#8

Acenaphthene

Concen: 0.290 ng/ul

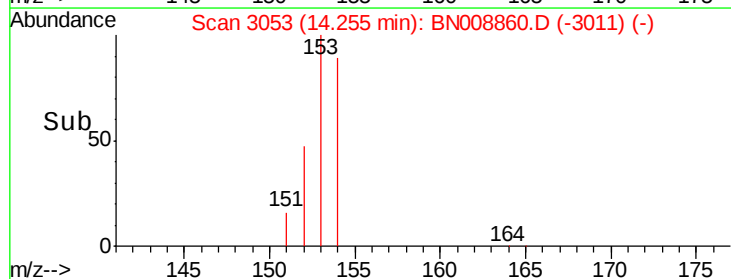
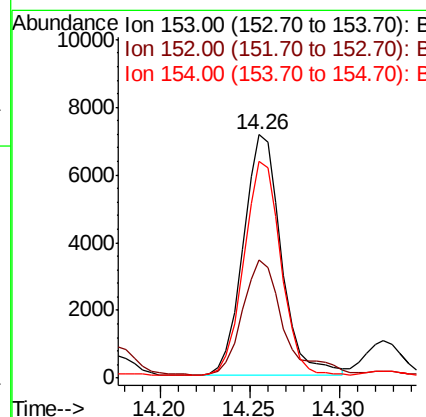
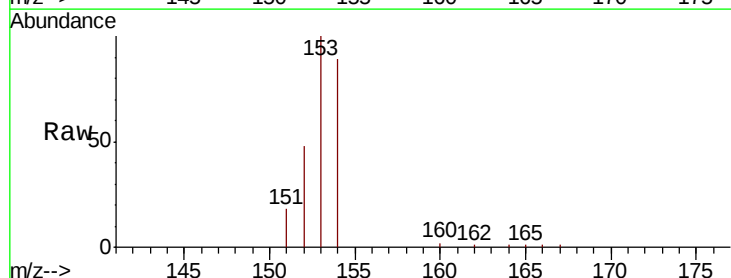
RT: 14.26 min Scan# 3053

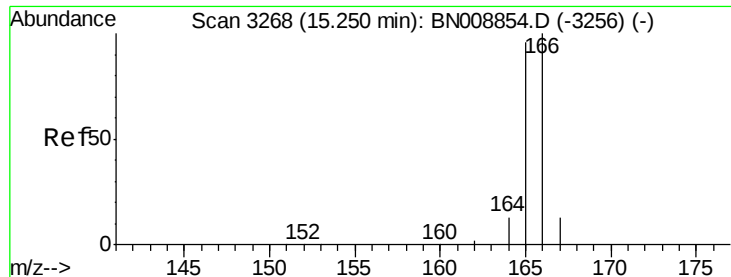
Delta R.T. -0.00 min

Lab File: BN008860.D

Acq: 06 Dec 2019 15:27

Tgt Ion:	153	Resp:	10606
Ion Ratio	Lower	Upper	
153	100		
152	48.4	38.6	58.0
154	89.0	70.6	105.8





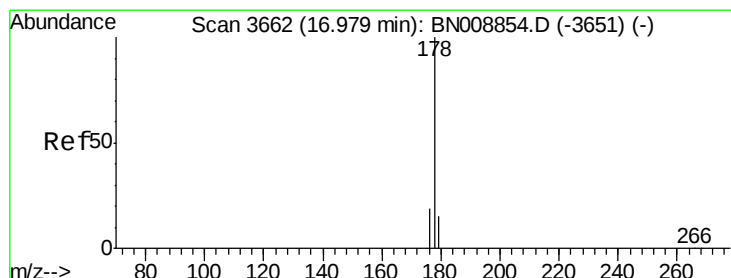
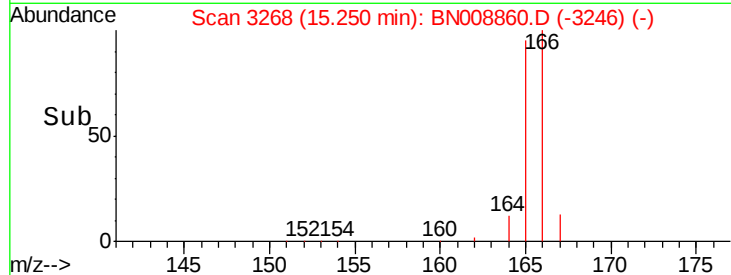
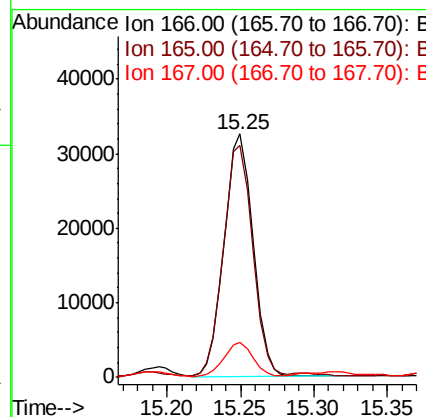
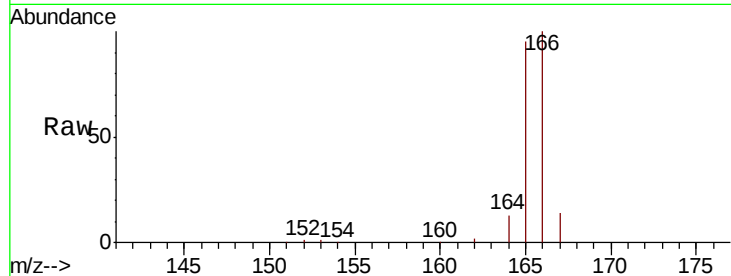
#9
Fluorene
 Concen: 1.036 ng/ul
 RT: 15.25 min Scan# 3268
 Delta R.T. 0.00 min
 Lab File: BN008860.D
 Acq: 06 Dec 2019 15:27

Instrument :
 BNA_N
 ClientSampleId :
 C0BL2

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	95.4	77.7	116.5	
167	14.2	11.1	16.7	

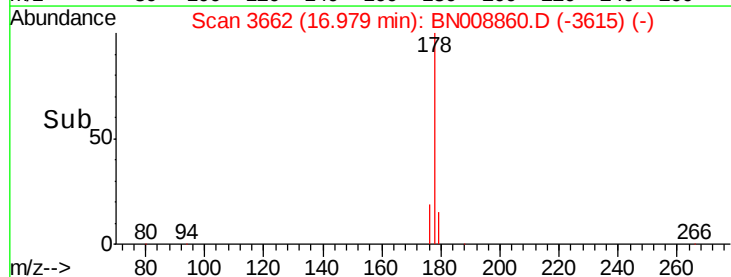
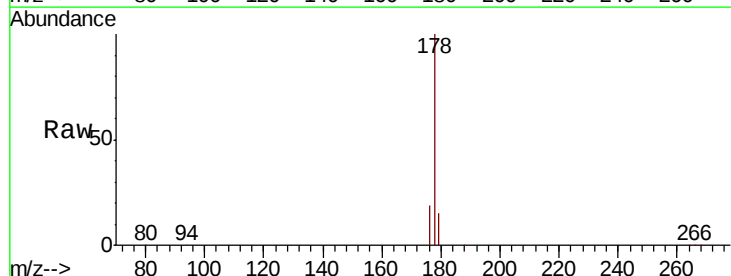
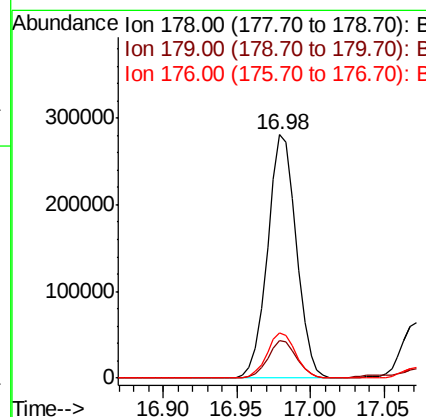
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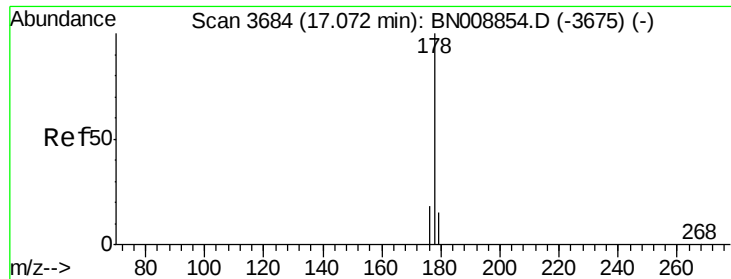
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#12
Phenanthrene
 Concen: 5.726 ng/ul
 RT: 16.98 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: BN008860.D
 Acq: 06 Dec 2019 15:27

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
179	15.2	12.6	18.8	
176	18.7	15.3	22.9	





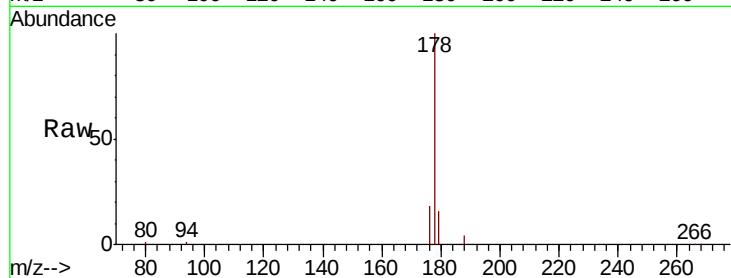
#13
 Anthracene
 Concen: 1.366 ng/ul
 RT: 17.07 min Scan# 3684
 Delta R.T. 0.00 min
 Lab File: BN008860.D
 Acq: 06 Dec 2019 15:27

Instrument :
 BNA_N
 ClientSampleId :
 C0BL2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.0	14.7	22.1

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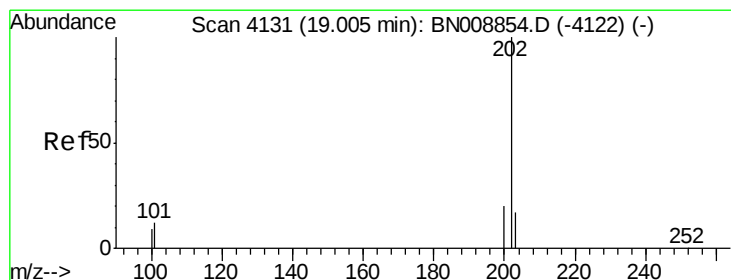
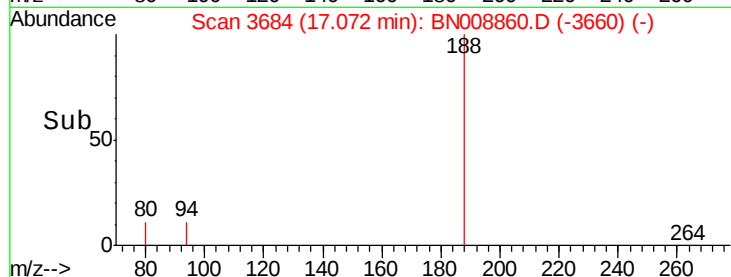
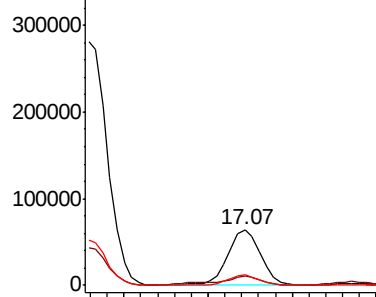


Abundance

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: 5.856 ng/ul
 RT: 19.00 min Scan# 4131
 Delta R.T. 0.00 min
 Lab File: BN008860.D
 Acq: 06 Dec 2019 15:27

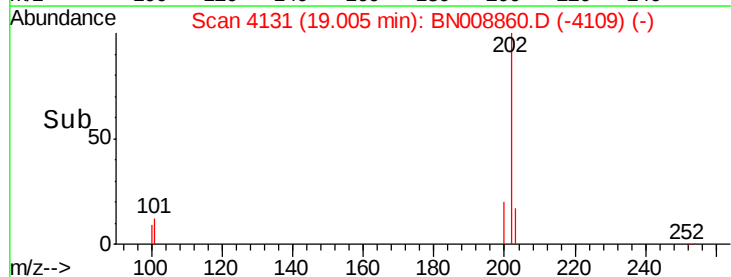
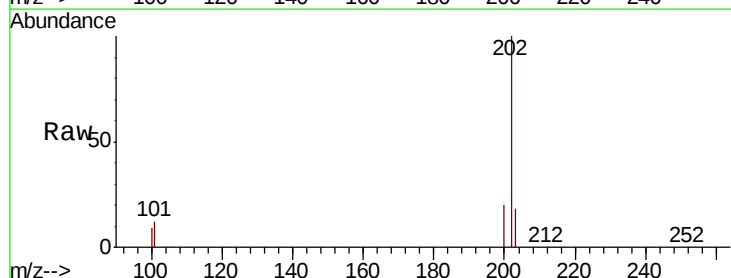
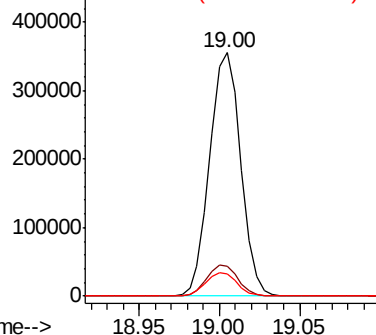
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.4
100	9.1	0.0	29.2

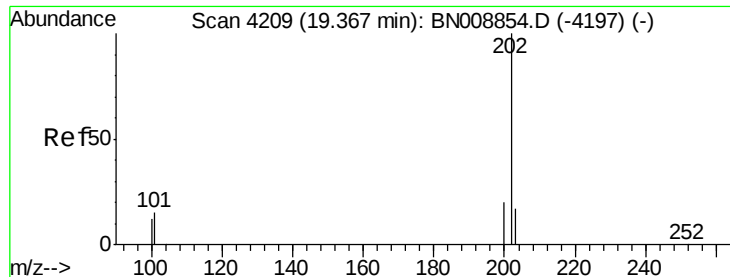
Abundance

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





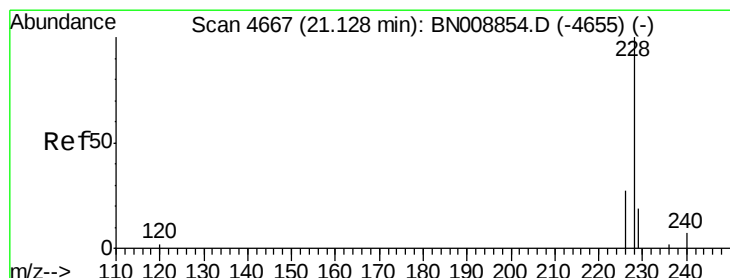
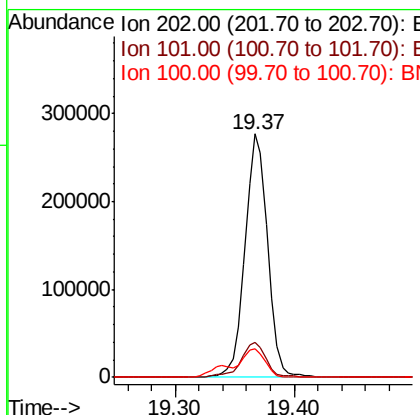
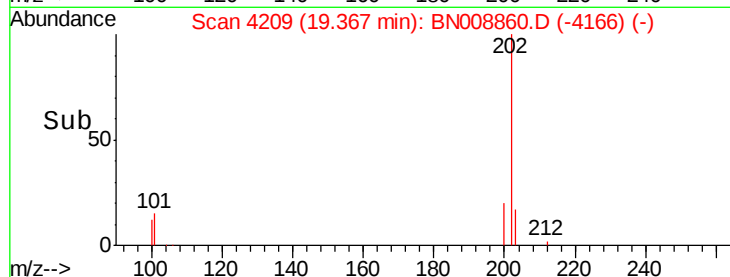
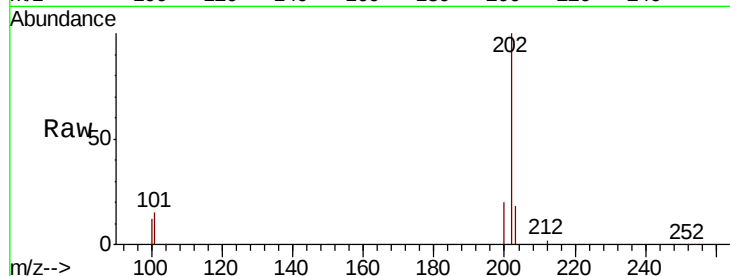
#17
Pvrene
Concen: 5.211 ng/ul
RT: 19.37 min Scan# 4209
Delta R.T. 0.00 min
Lab File: BN008860.D
Acq: 06 Dec 2019 15:27

Instrument :
BNA_N
ClientSampleId :
C0BL2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.6	12.2	18.4
100	11.9	9.5	14.3

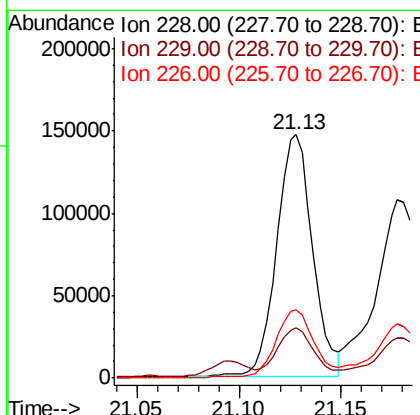
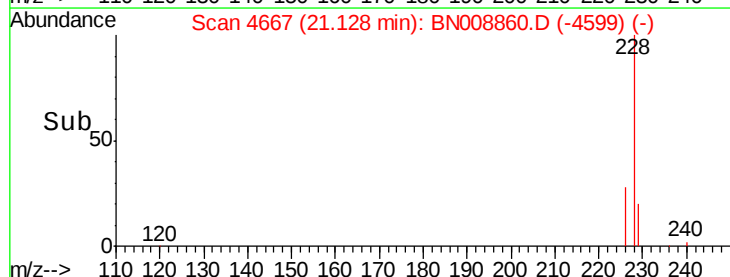
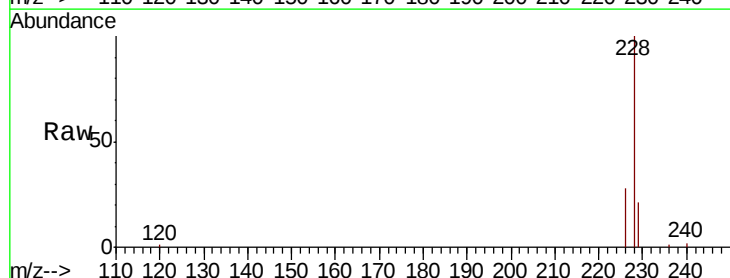
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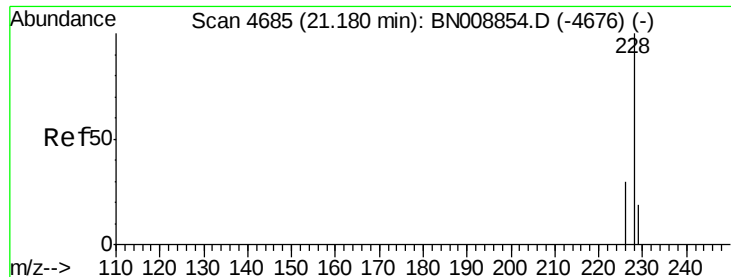
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#18
Benzo(a)anthracene
Concen: 2.613 ng/ul
RT: 21.13 min Scan# 4667
Delta R.T. 0.00 min
Lab File: BN008860.D
Acq: 06 Dec 2019 15:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.5	15.7	23.5
226	28.0	21.5	32.3





#19

Chrysene

Concen: 2.280 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. -0.00 min

Lab File: BN008860.D

Acq: 06 Dec 2019 15:27

Instrument :

BNA_N

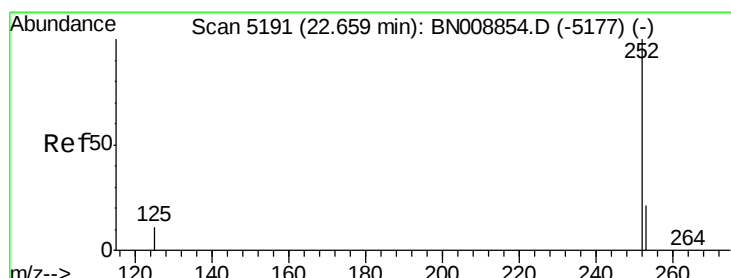
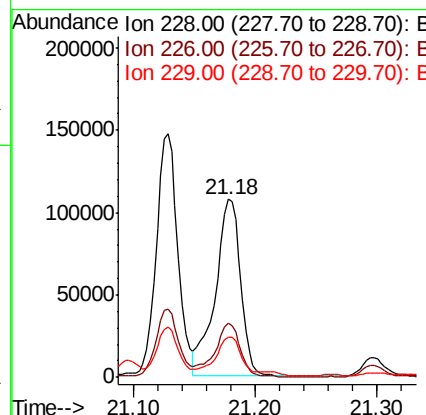
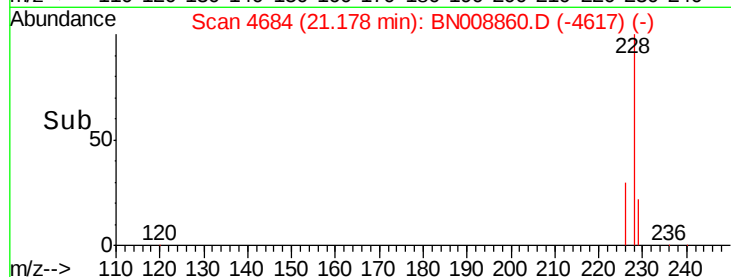
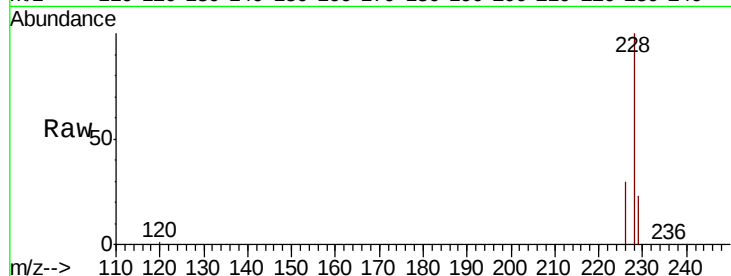
ClientSampleId :

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Tot Ion:	228	Resp:	155737
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.6
229	22.7	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 2.586 ng/ul m

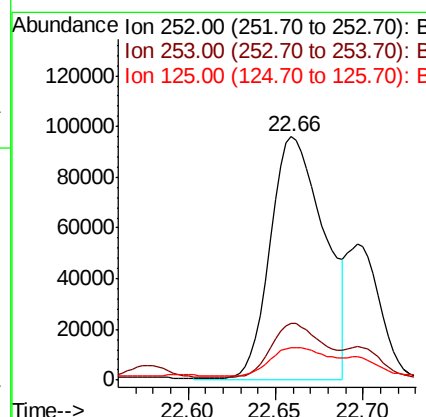
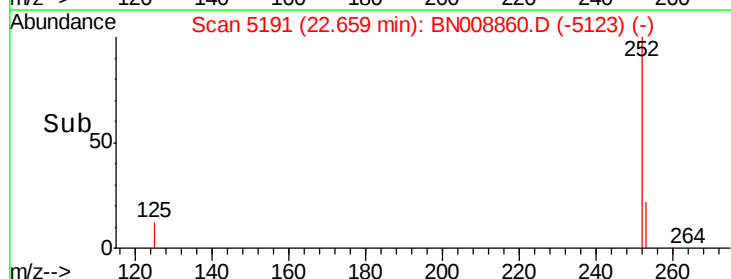
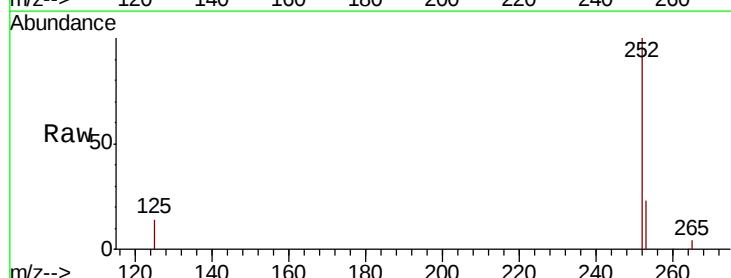
RT: 22.66 min Scan# 5191

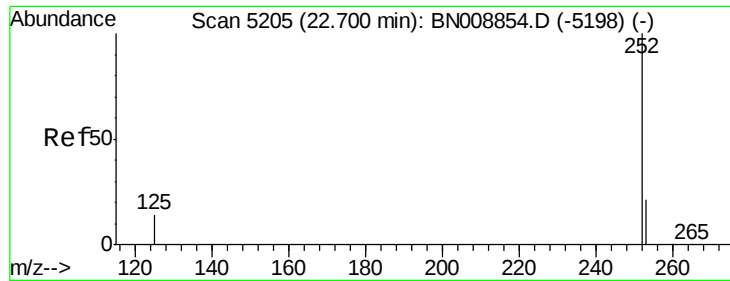
Delta R.T. 0.00 min

Lab File: BN008860.D

Acq: 06 Dec 2019 15:27

Tgt Ion:	252	Resp:	207652
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	48.6
125	13.5	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.917 ng/ul m

RT: 22.70 min Scan# 5204

Delta R.T. -0.00 min

Lab File: BN008860.D

Acq: 06 Dec 2019 15:27

Instrument :

BNA_N

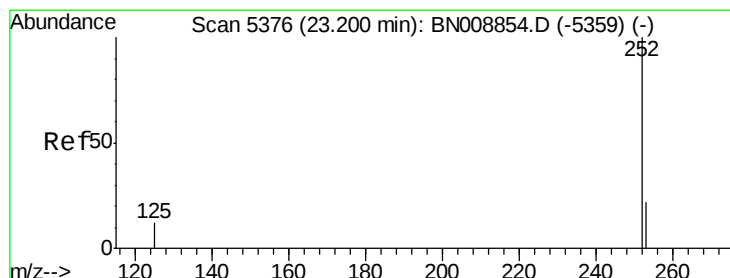
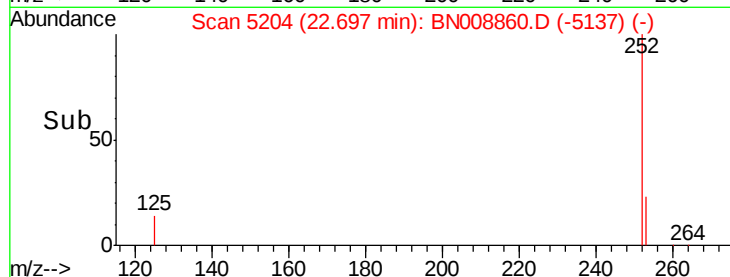
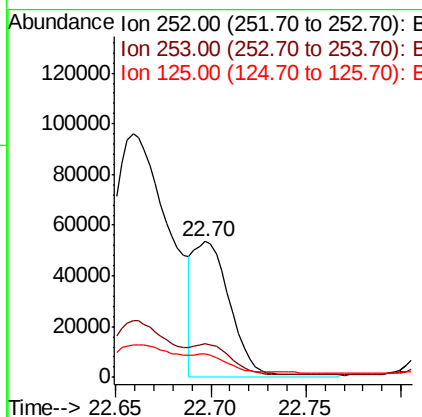
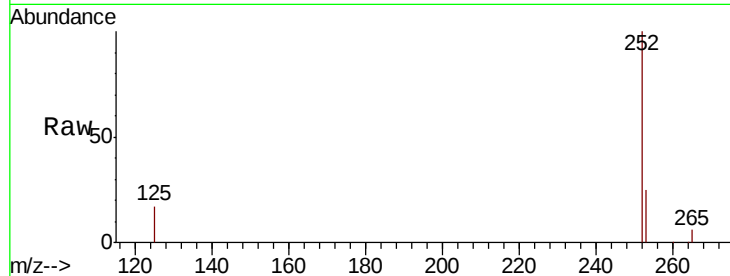
ClientSampleId :

C0BL2

Tot Ion:	252	Resp:	73037
Ion Ratio	Lower	Upper	
252	100		
253	24.7	19.6	29.4
125	16.9	13.8	20.6

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#23

Benzo(a)pyrene

Concen: 2.032 ng/ul

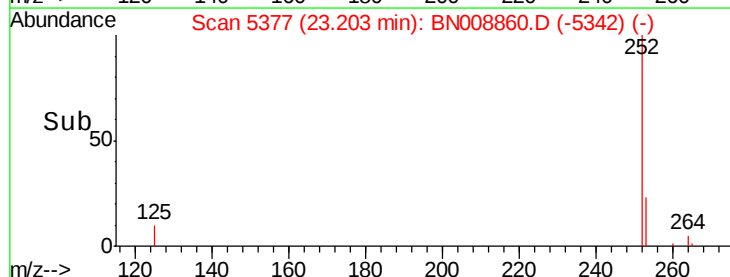
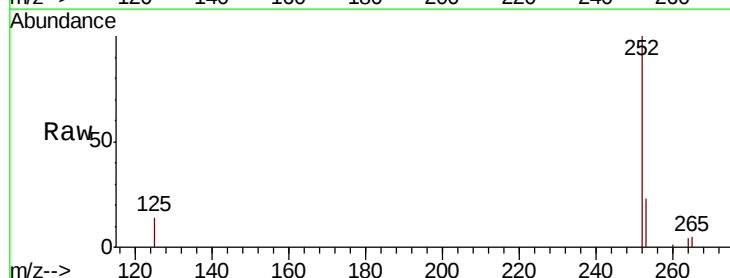
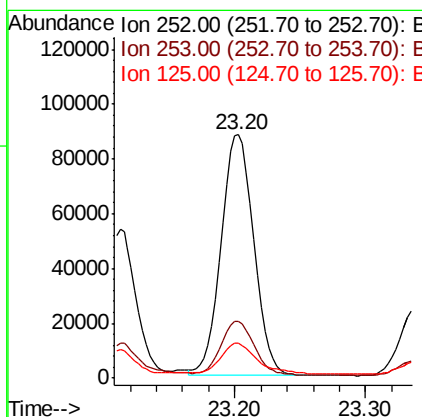
RT: 23.20 min Scan# 5377

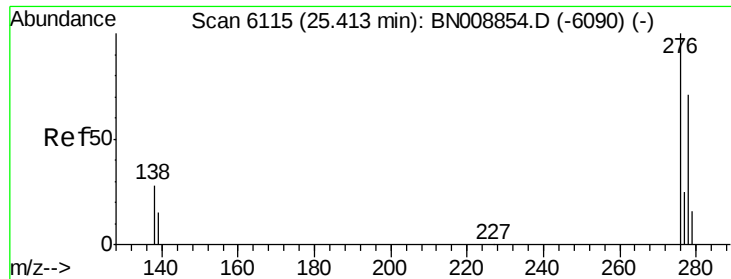
Delta R.T. 0.00 min

Lab File: BN008860.D

Acq: 06 Dec 2019 15:27

Tgt Ion:	252	Resp:	153115
Ion Ratio	Lower	Upper	
252	100		
253	23.3	19.9	29.9
125	14.1	14.6	22.0#





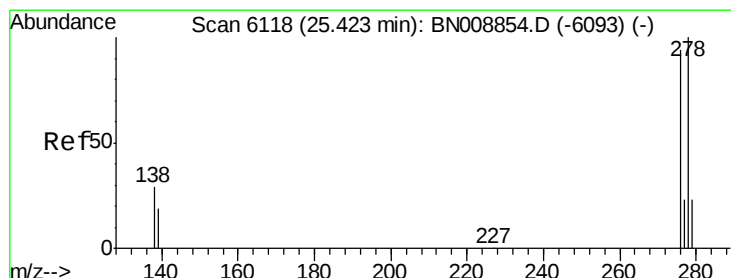
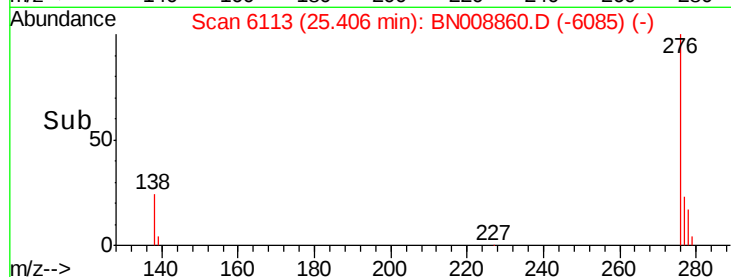
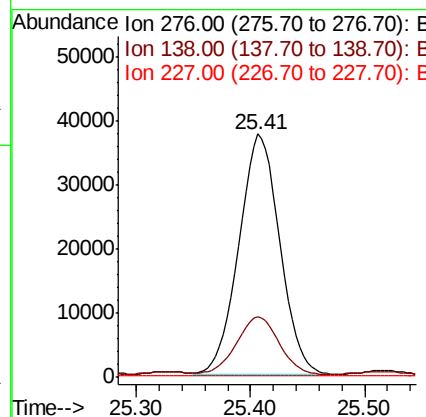
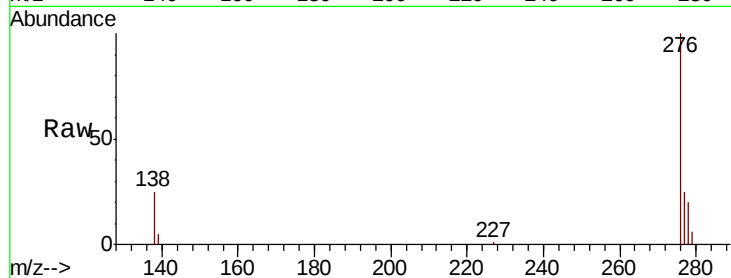
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.053 ng/ul
RT: 25.41 min Scan# 6113
Delta R.T. -0.01 min
Lab File: BN008860.D
Acq: 06 Dec 2019 15:27

Instrument :
BNA_N
ClientSampleId :
C0BL2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	23.8	35.6
227	0.2	0.2	0.2

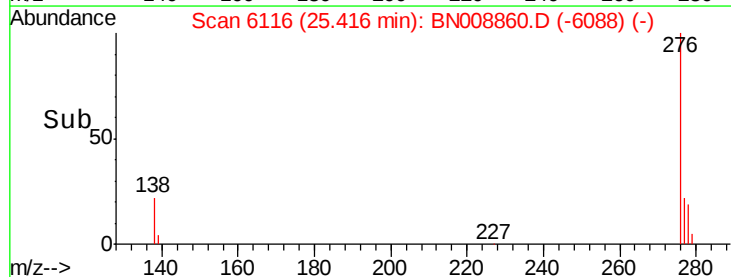
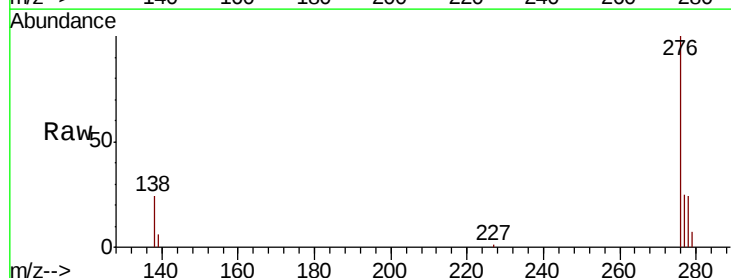
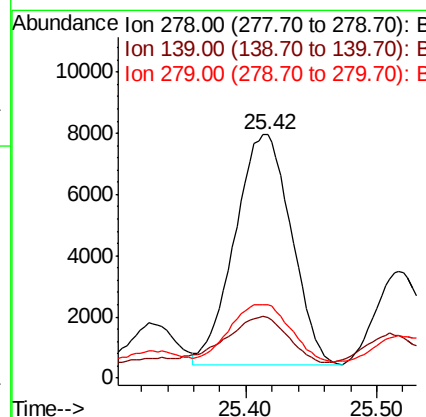
Manual Integrations
APPROVED

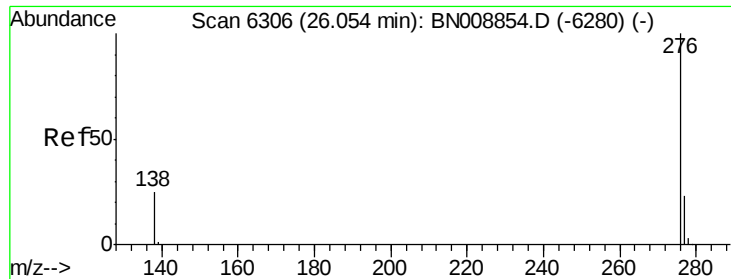
mohammad
12/9/2019 3:07:28 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.316 ng/ul
RT: 25.42 min Scan# 6116
Delta R.T. -0.01 min
Lab File: BN008860.D
Acq: 06 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.9	17.4	26.0
279	30.3	20.5	30.7





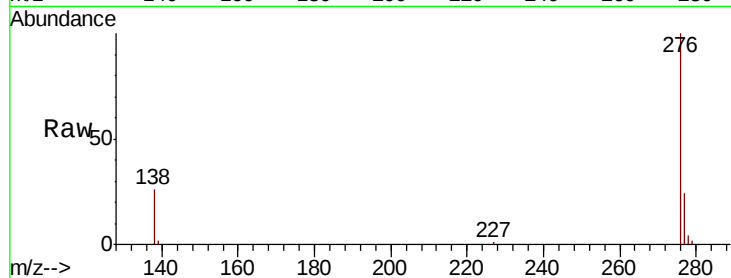
#26
Benzo(a,h,i)perylene
Concen: 1.146 ng/ul
RT: 26.05 min Scan# 6304
Delta R.T. -0.01 min
Lab File: BN008860.D
Acq: 06 Dec 2019 15:27

Instrument :
BNA_N
ClientSampleId :
C0BL2

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.9	32.9
277	24.2	19.9	29.9

Manual Integrations
APPROVED

mohammad
12/9/2019 3:07:28 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

