

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008859.D
 Acq On : 06 Dec 2019 14:51
 Operator : JU
 Sample : K6007-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL1

Manual Integrations
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mohammad
 12/9/2019 3:07:00 PM

Quant Time: Dec 06 15:25:53 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	3094	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	13999	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	8954	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	19764	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	17516	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	19468	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	4020	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	11713	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	3977	0.094	ng/ul	96
5) 2-Methylnaphthalene	12.00	142	6420	0.218	ng/ul	100
7) Acenaphthylene	13.91	152	9305	0.188	ng/ul	97
8) Acenaphthene	14.26	153	2436	0.066	ng/ul	98
9) Fluorene	15.25	166	12219	0.283	ng/ul	99
12) Phenanthrene	16.98	178	148325	2.225	ng/ul	99
13) Anthracene	17.07	178	34014	0.540	ng/ul	99
15) Fluoranthene	19.00	202	294494	3.596	ng/ul	100
17) Pyrene	19.37	202	233971	3.330	ng/ul	99
18) Benzo(a)anthracene	21.13	228	127794	1.814	ng/ul	98
19) Chrysene	21.18	228	118497	1.713	ng/ul	97
21) Benzo(b)fluoranthene	22.66	252	156000m	1.943	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	64062m	0.805	ng/ul	
23) Benzo(a)pyrene	23.20	252	112167m	1.489	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.41	276	74072	0.841	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.42	278	18674	0.262	ng/ul	91
26) Benzo(a,h,i)perylene	26.05	276	70047	0.950	ng/ul	98

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

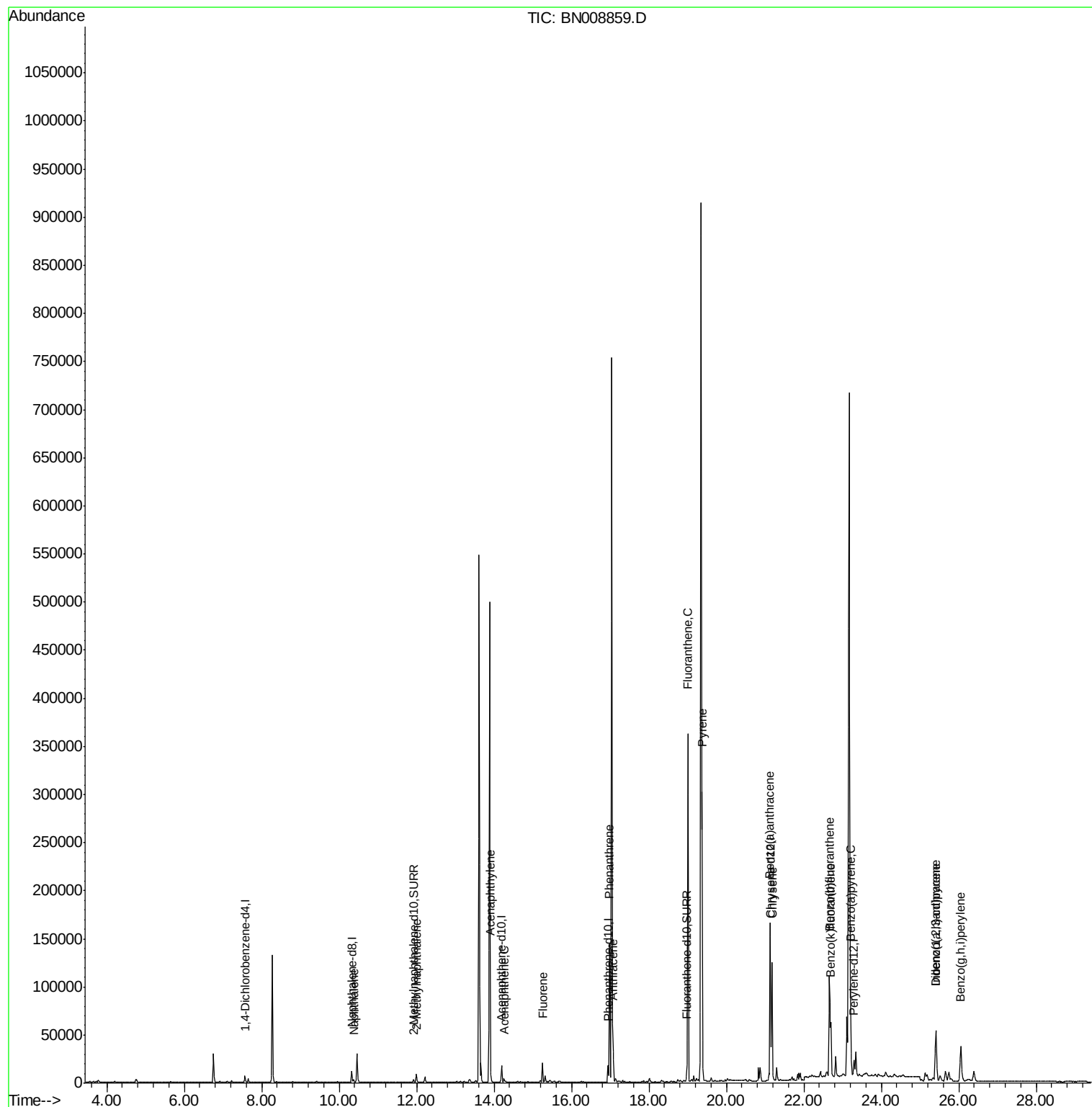
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008859.D
Acq On : 06 Dec 2019 14:51
Operator : JU
Sample : K6007-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

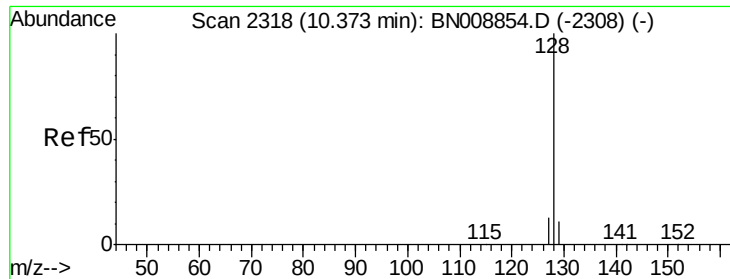
Instrument :
BNA_N
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C0BL1

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Quant Time: Dec 06 15:25:53 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





#3

Naphthalene

Concen: 0.094 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

Instrument :

BNA_N

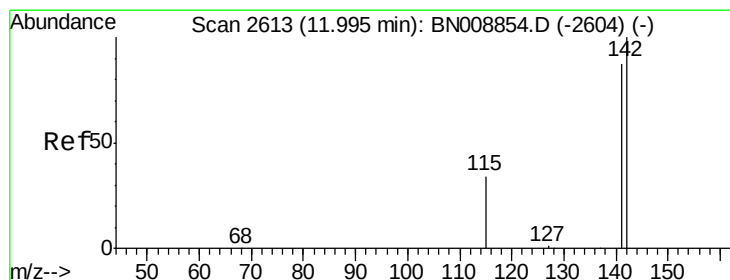
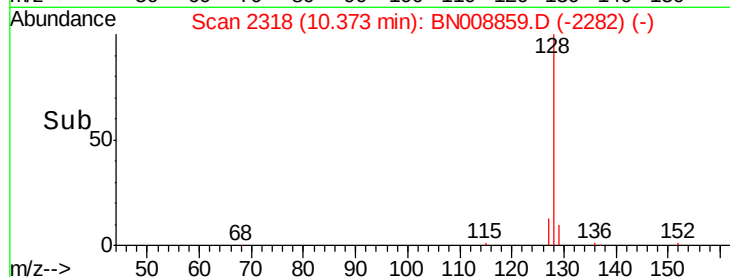
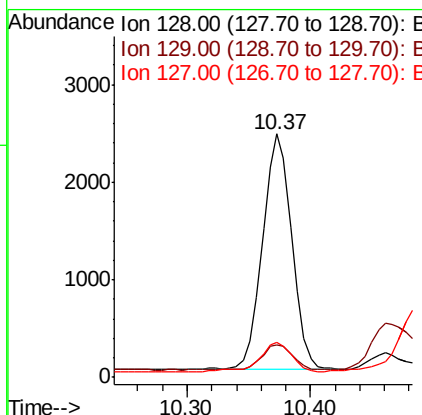
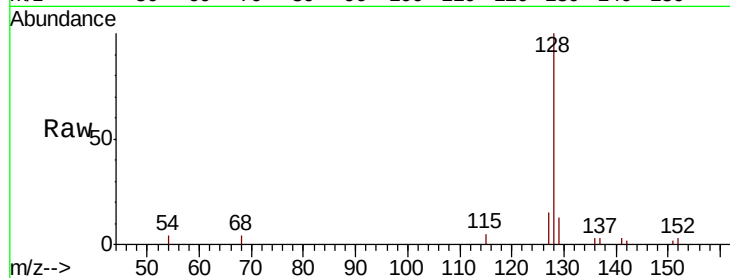
ClientSampleId :

C0BL1

Tot Ion:	128	Resp:	3977
Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	14.6	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.218 ng/ul

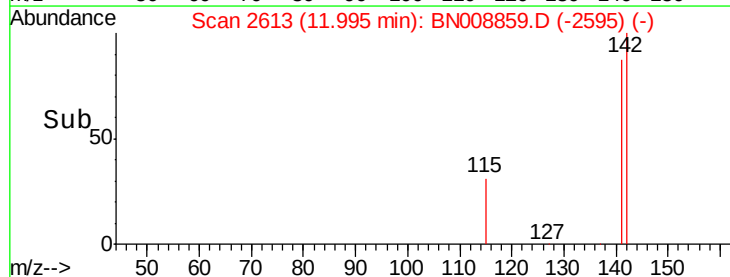
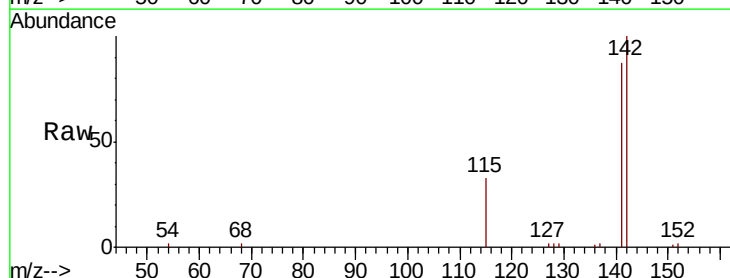
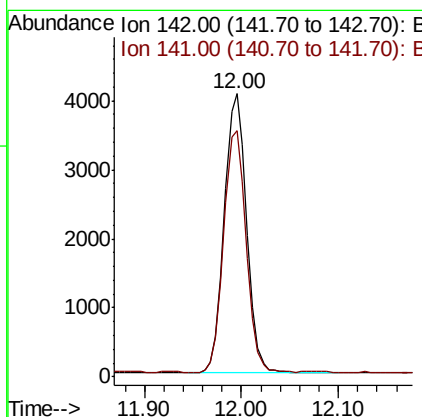
RT: 12.00 min Scan# 2613

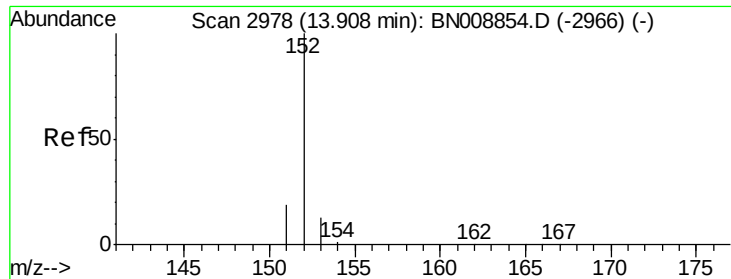
Delta R.T. -0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

Tgt Ion:	142	Resp:	6420
Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.1	105.1





#7

Acenaphthylene

Concen: 0.188 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

Instrument :

BNA_N

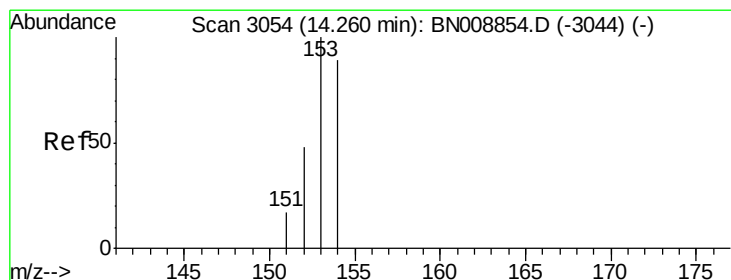
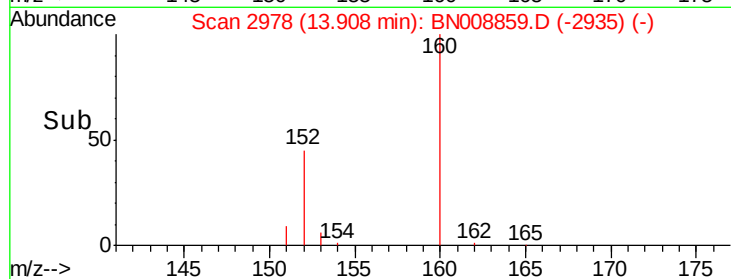
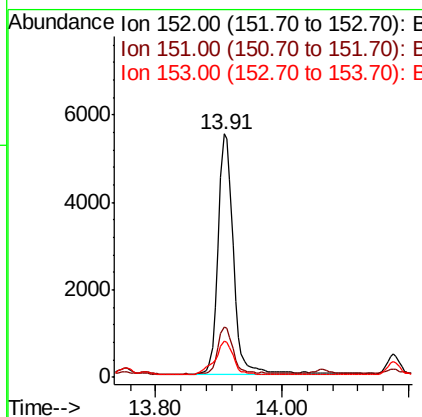
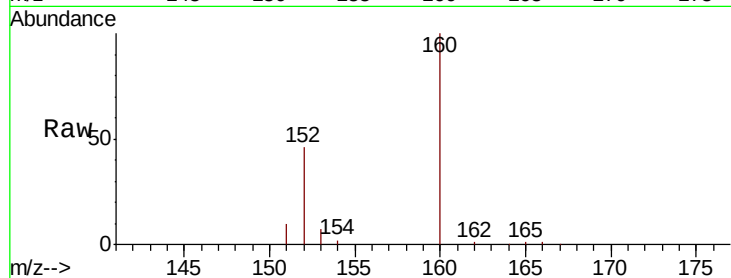
ClientSampleId :

C0BL1

Tot Ion:	152	Resp:	9305
Ion Ratio	Lower	Upper	
152	100		
151	20.8	15.8	23.6
153	15.0	10.6	15.8

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#8

Acenaphthene

Concen: 0.066 ng/ul

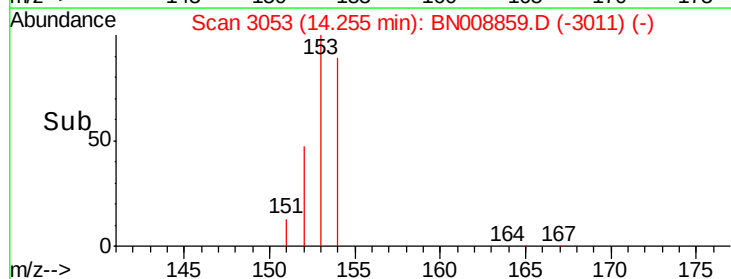
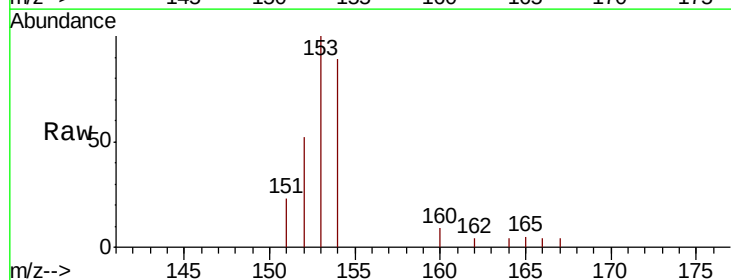
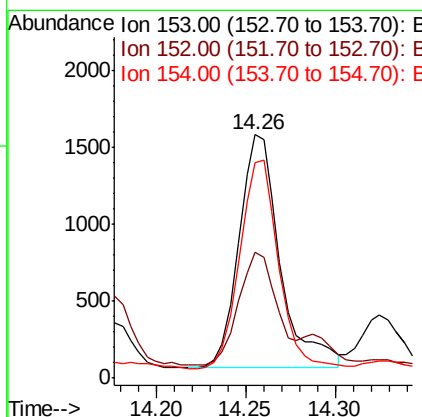
RT: 14.26 min Scan# 3053

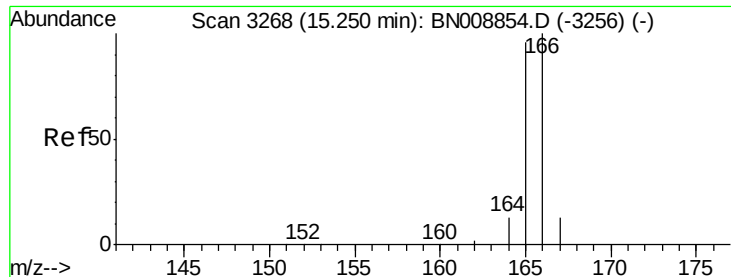
Delta R.T. -0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

Tgt Ion:	153	Resp:	2436
Ion Ratio	Lower	Upper	
153	100		
152	51.8	38.6	58.0
154	88.7	70.6	105.8





#9

Fluorene

Concen: 0.283 ng/ul

RT: 15.25 min Scan# 3268

Delta R.T. -0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

Instrument :

BNA_N

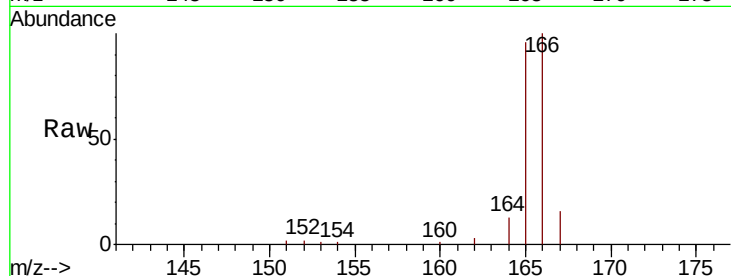
ClientSampleId :

C0BL1

Tot Ion:	166	Resp:	12219
Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.7	116.5
167	16.0	11.1	16.7

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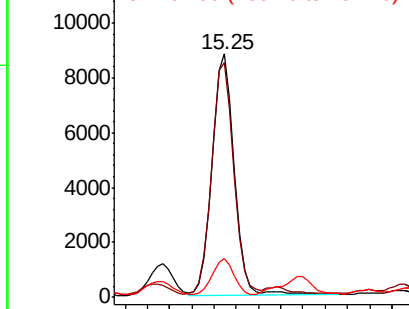


Abundance

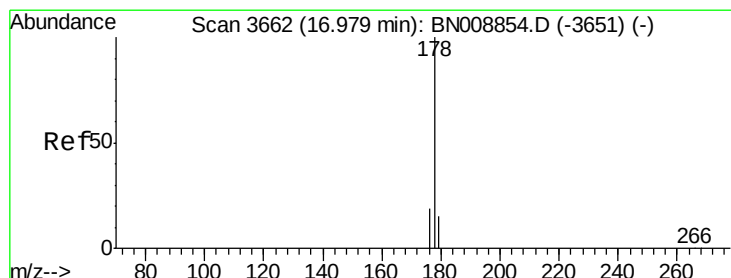
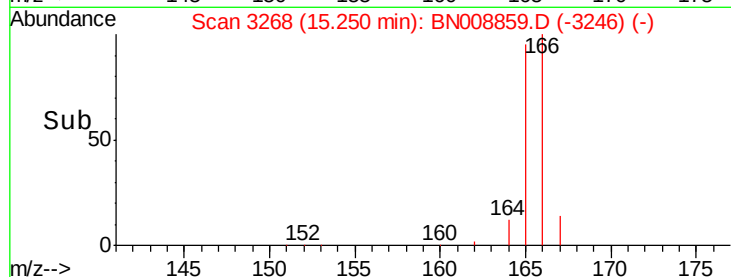
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#12

Phenanthrene

Concen: 2.225 ng/ul

RT: 16.98 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

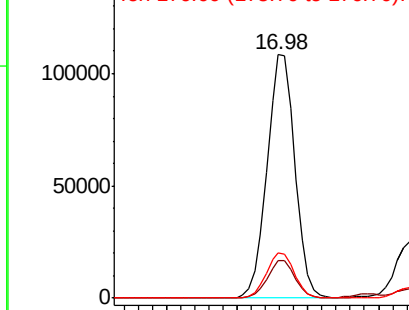
Tgt Ion:	178	Resp:	148325
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	18.7	15.3	22.9

Abundance

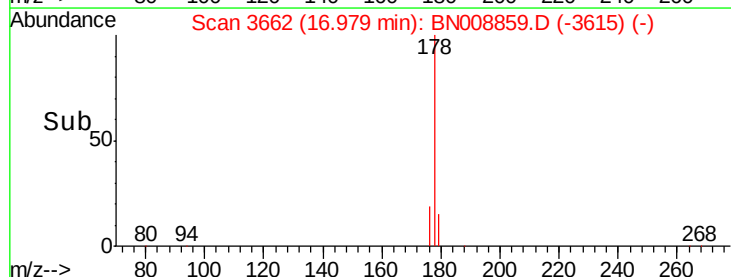
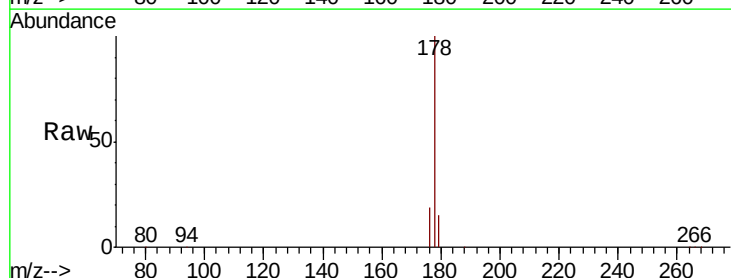
Ion 178.00 (177.70 to 178.70): E

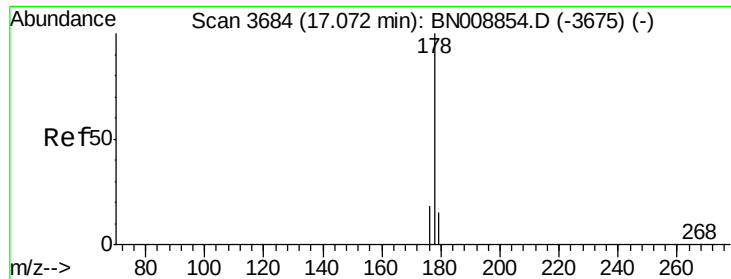
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.540 ng/ul

RT: 17.07 min Scan# 3684

Delta R.T. -0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

Instrument :

BNA_N

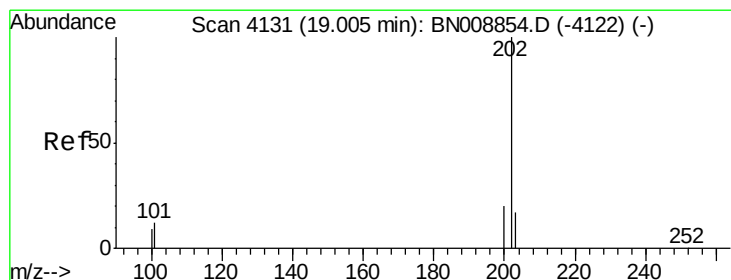
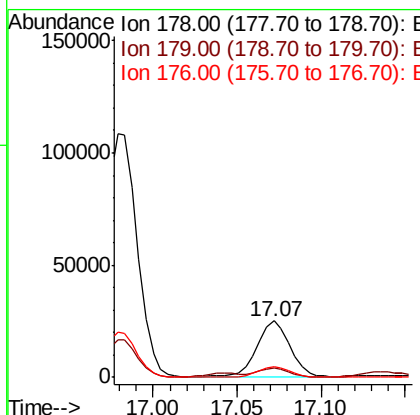
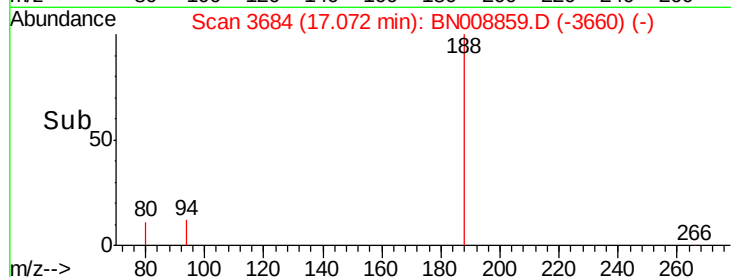
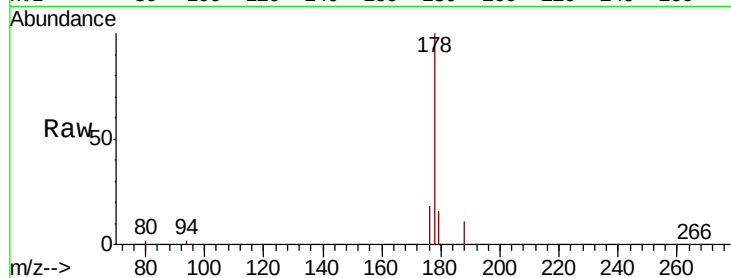
ClientSampleId :

C0BL1

Tot Ion:	178	Resp:	34014
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.2	18.4
176	18.0	14.7	22.1

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#15

Fluoranthene

Concen: 3.596 ng/ul

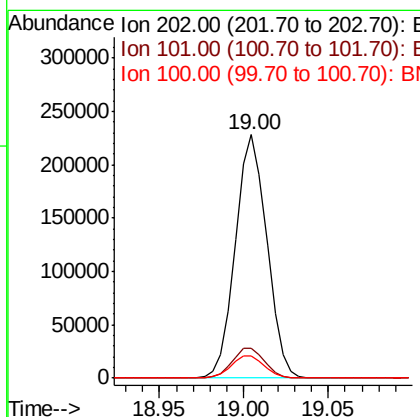
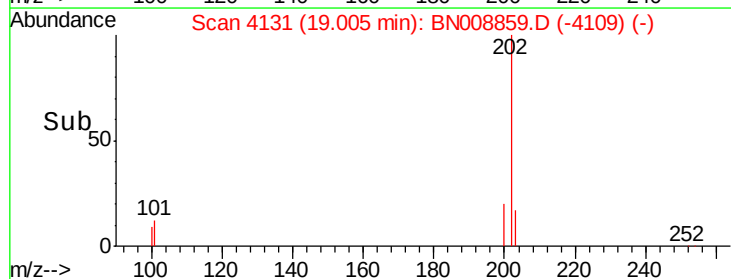
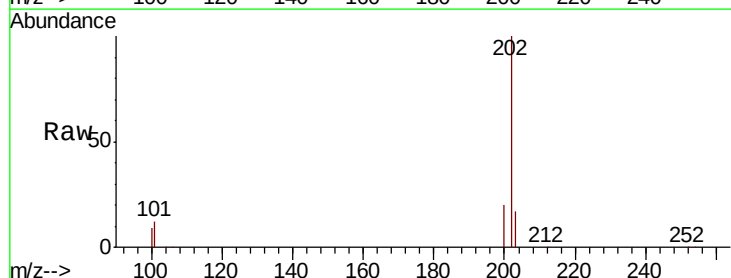
RT: 19.00 min Scan# 4131

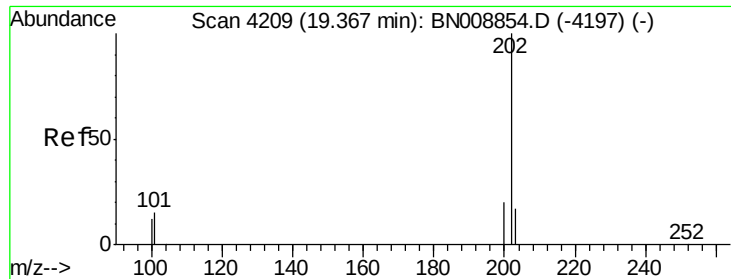
Delta R.T. -0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

Tgt Ion:	202	Resp:	294494
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	32.4
100	9.3	0.0	29.2





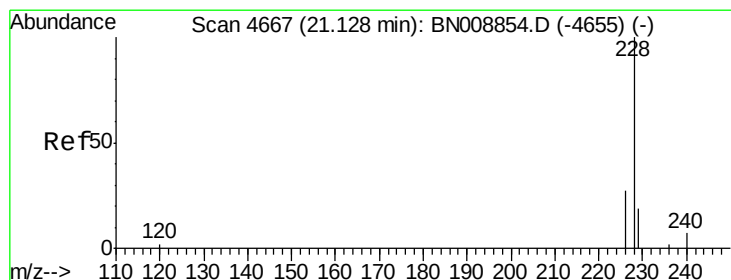
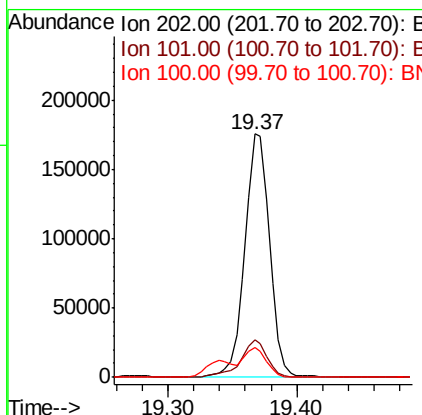
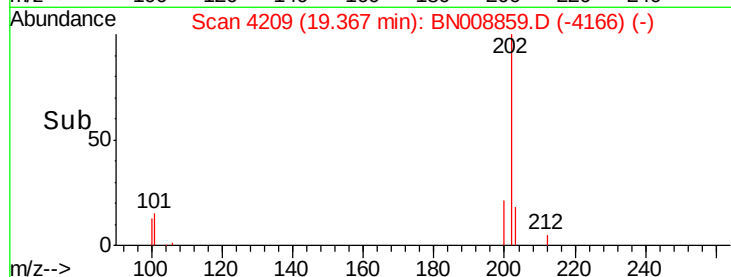
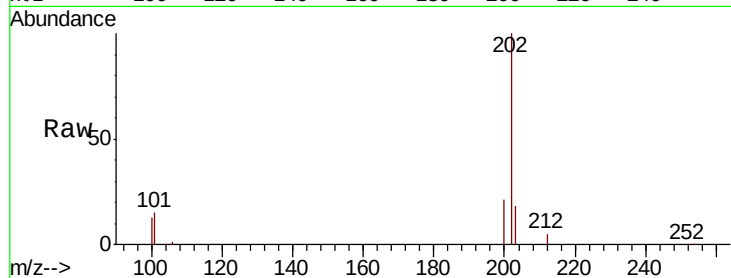
#17
Pvrene
Concen: 3.330 ng/ul
RT: 19.37 min Scan# 4209
Delta R.T. -0.00 min
Lab File: BN008859.D
Acq: 06 Dec 2019 14:51

Instrument :
BNA_N
ClientSampleId :
C0BL1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.3	12.2	18.4
100	12.5	9.5	14.3

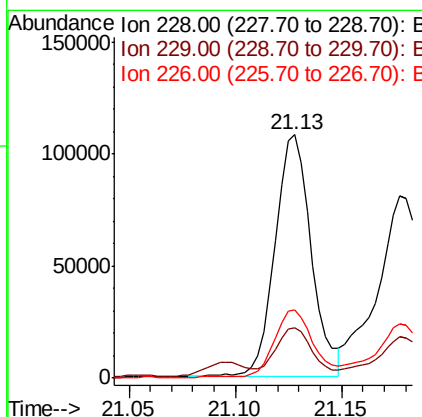
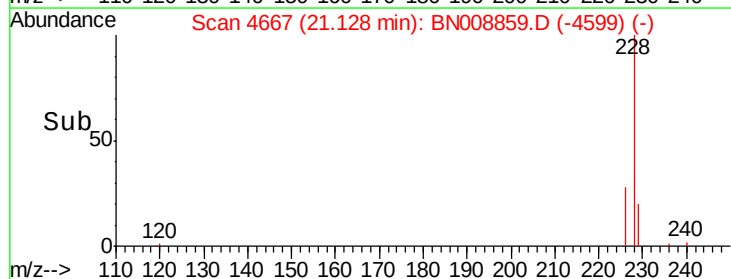
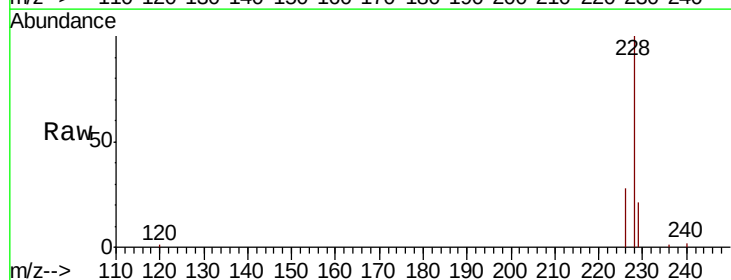
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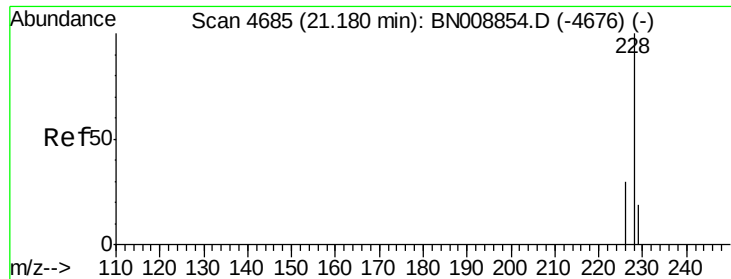
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#18
Benzo(a)anthracene
Concen: 1.814 ng/ul
RT: 21.13 min Scan# 4667
Delta R.T. -0.00 min
Lab File: BN008859.D
Acq: 06 Dec 2019 14:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	15.7	23.5
226	28.2	21.5	32.3





#19

Chrysene

Concen: 1.713 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. -0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

Instrument :

BNA_N

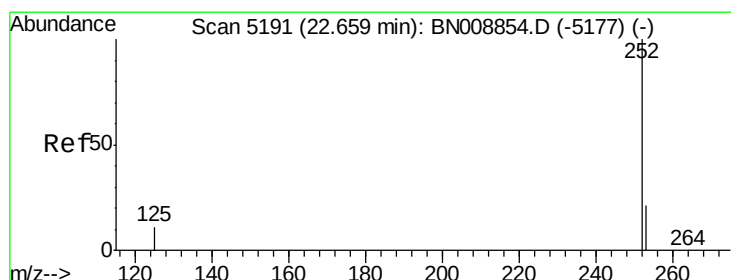
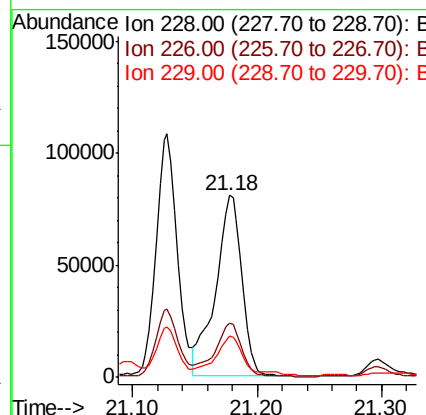
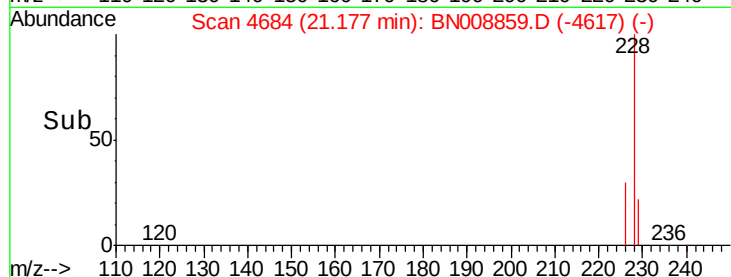
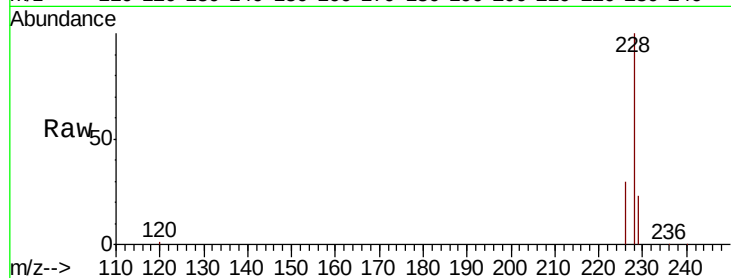
ClientSampled :

C0BL1

Tot Ion:	228	Resp:	118497
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.8	35.6
229	22.7	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 1.943 ng/ul m

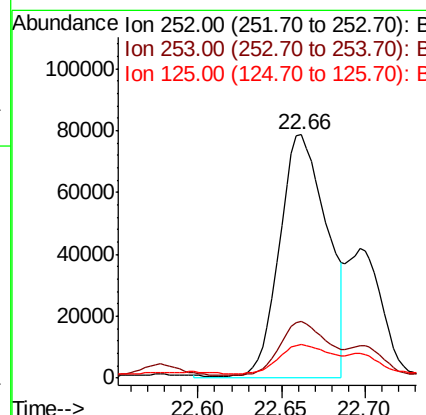
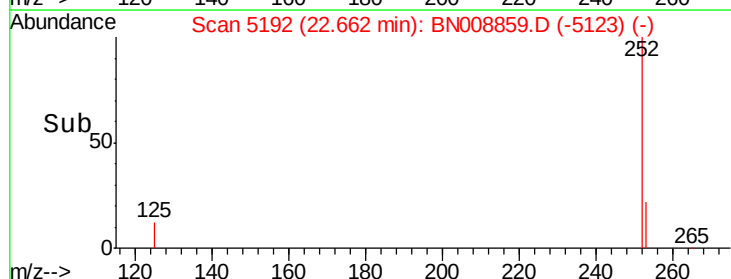
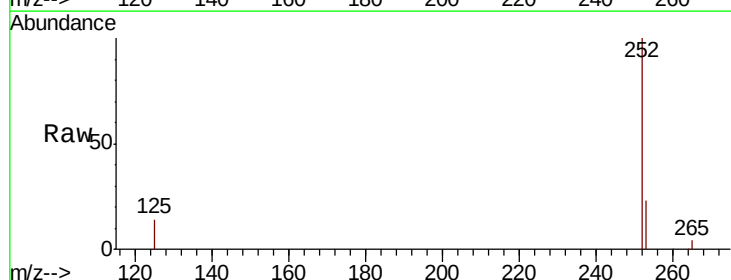
RT: 22.66 min Scan# 5192

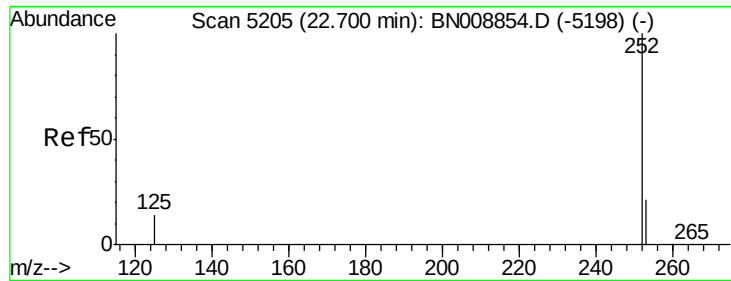
Delta R.T. 0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

Tgt Ion:	252	Resp:	156000
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	48.6
125	13.6	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.805 ng/ul m

RT: 22.70 min Scan# 5204

Delta R.T. -0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

Instrument :

BNA_N

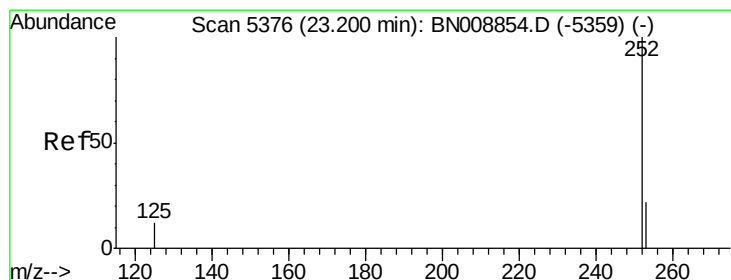
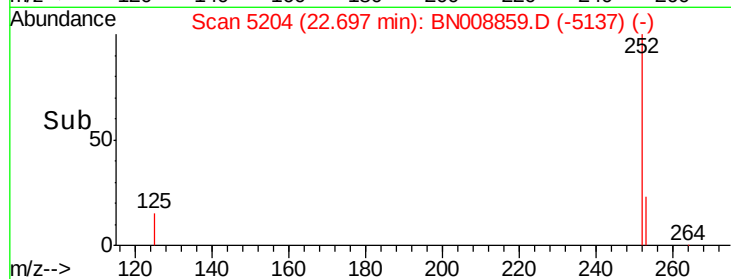
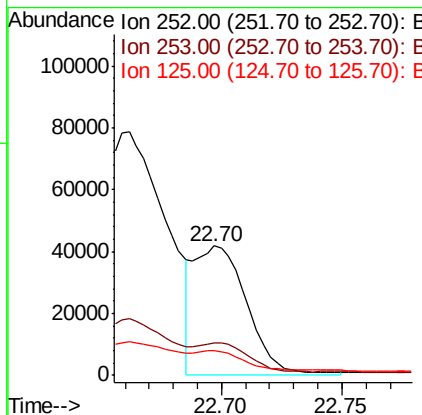
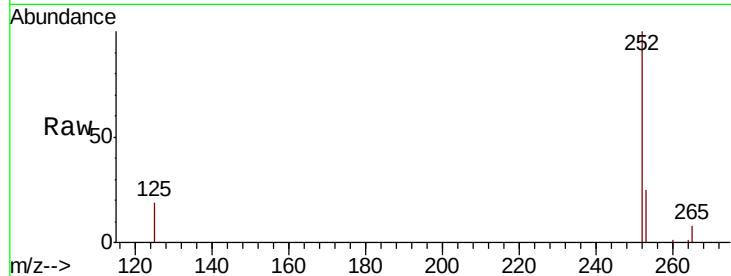
ClientSampled :

C0BL1

Tot Ion:	252	Resp:	64062
Ion Ratio	Lower	Upper	
252	100		
253	25.0	19.6	29.4
125	18.9	13.8	20.6

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#23

Benzo(a)pyrene

Concen: 1.489 ng/ul m

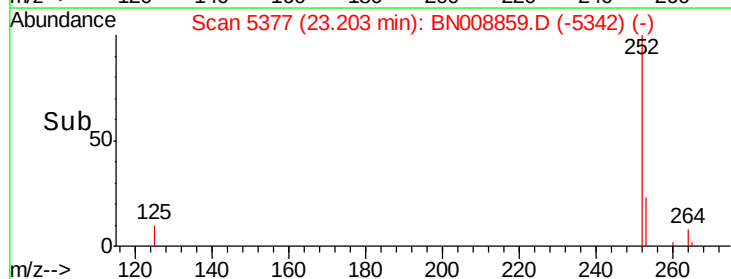
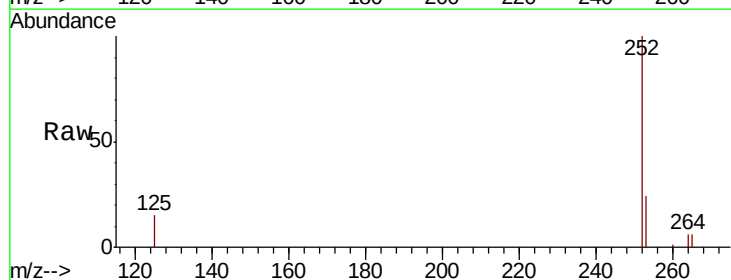
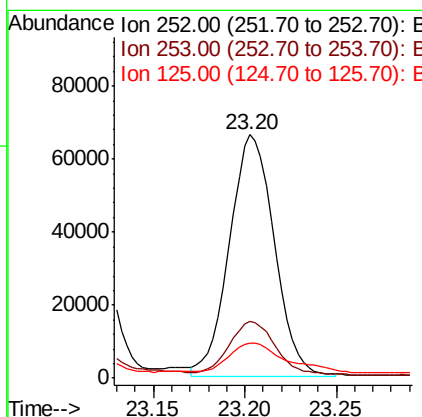
RT: 23.20 min Scan# 5377

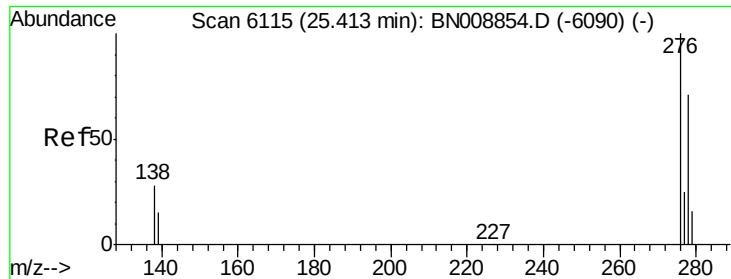
Delta R.T. 0.00 min

Lab File: BN008859.D

Acq: 06 Dec 2019 14:51

Tgt Ion:	252	Resp:	112167
Ion Ratio	Lower	Upper	
252	100		
253	23.5	19.9	29.9
125	14.6	14.6	22.0#





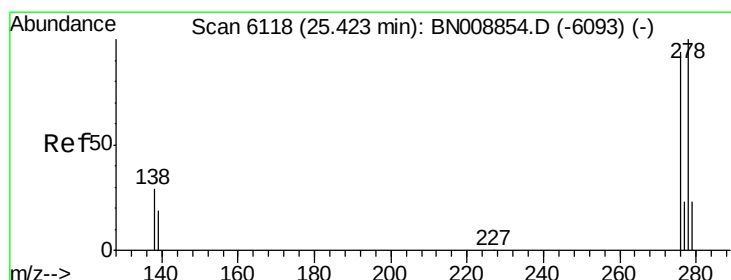
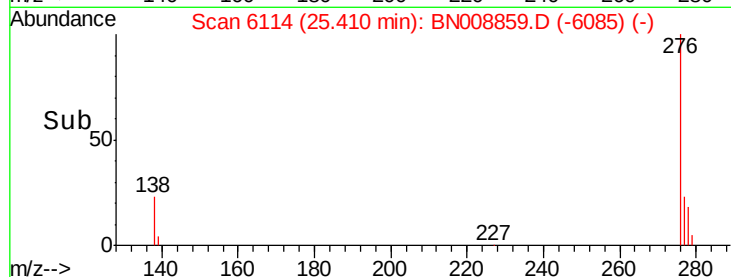
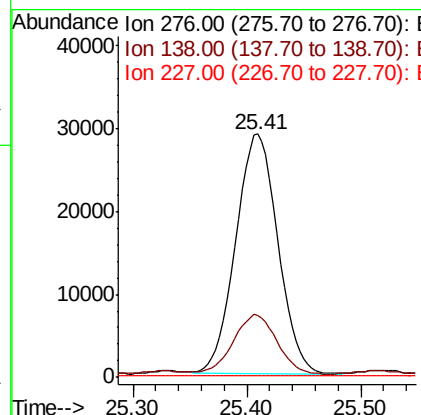
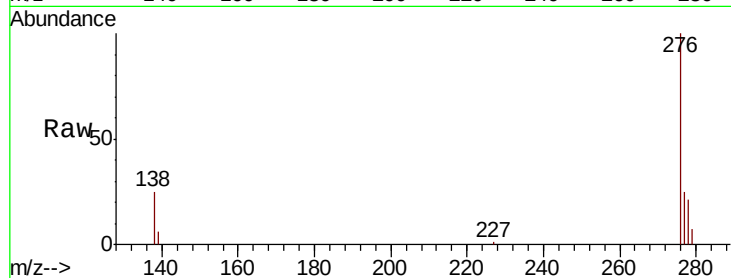
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.841 ng/ul
 RT: 25.41 min Scan# 6114
 Delta R.T. -0.00 min
 Lab File: BN008859.D
 Acq: 06 Dec 2019 14:51

Instrument :
 BNA_N
 ClientSampleId :
 C0BL1

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	23.8	35.6
227	0.3	0.2	0.2

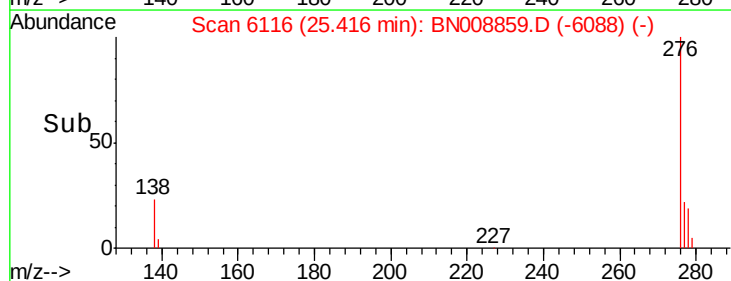
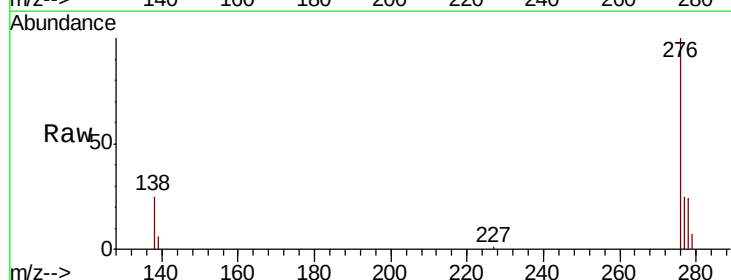
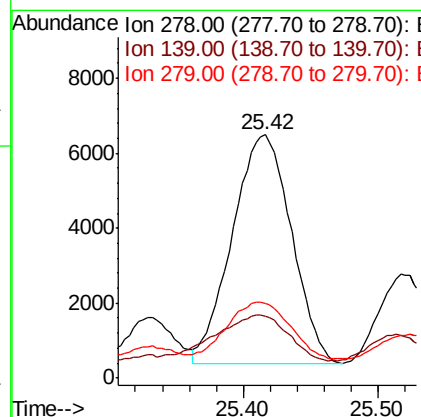
Manual Integrations
 APPROVED

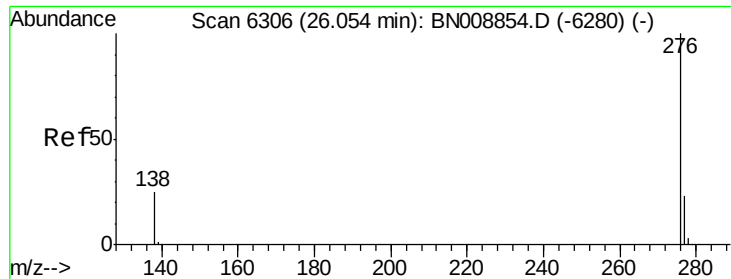
mohammad
 12/9/2019 3:07:00 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.262 ng/ul
 RT: 25.42 min Scan# 6116
 Delta R.T. -0.01 min
 Lab File: BN008859.D
 Acq: 06 Dec 2019 14:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.3	17.4	26.0
279	30.6	20.5	30.7





#26
Benzo(a,h,i)perylene
Concen: 0.950 ng/ul
RT: 26.05 min Scan# 6306
Delta R.T. -0.00 min
Lab File: BN008859.D
Acq: 06 Dec 2019 14:51

Instrument :
BNA_N
ClientSampleId :
C0BL1

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.9	32.9
277	24.0	19.9	29.9

Manual Integrations
APPROVED

mohammad
12/9/2019 3:07:00 PM

