

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008862.D
 Acq On : 06 Dec 2019 16:39
 Operator : JU
 Sample : K6007-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL5

Manual Integrations
 APPROVED

mohammad
 12/9/2019 3:07:34 PM

Quant Time: Dec 06 17:18:49 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	2865	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	13066	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	8884	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	18711	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	16853	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	19324	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	3122	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	9167	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	21389	0.543	ng/ul	99
5) 2-Methylnaphthalene	12.00	142	35557	1.293	ng/ul	100
7) Acenaphthylene	13.91	152	1877	0.038	ng/ul#	74
8) Acenaphthene	14.26	153	2970	0.081	ng/ul	96
9) Fluorene	15.25	166	6889	0.161	ng/ul#	89
12) Phenanthrene	16.98	178	139314	2.208	ng/ul	99
13) Anthracene	17.07	178	13003	0.218	ng/ul	97
15) Fluoranthene	19.00	202	89493	1.154	ng/ul	99
17) Pyrene	19.37	202	70939	1.049	ng/ul	99
18) Benzo(a)anthracene	21.12	228	34206	0.505	ng/ul#	92
19) Chrysene	21.18	228	59068	0.887	ng/ul#	94
21) Benzo(b)fluoranthene	22.66	252	48401m	0.607	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	15461m	0.196	ng/ul	
23) Benzo(a)pyrene	23.20	252	26114	0.349	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.41	276	17568	0.201	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.42	278	6290	0.089	ng/ul#	63
26) Benzo(a,h,i)perylene	26.05	276	17353	0.237	ng/ul	98

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

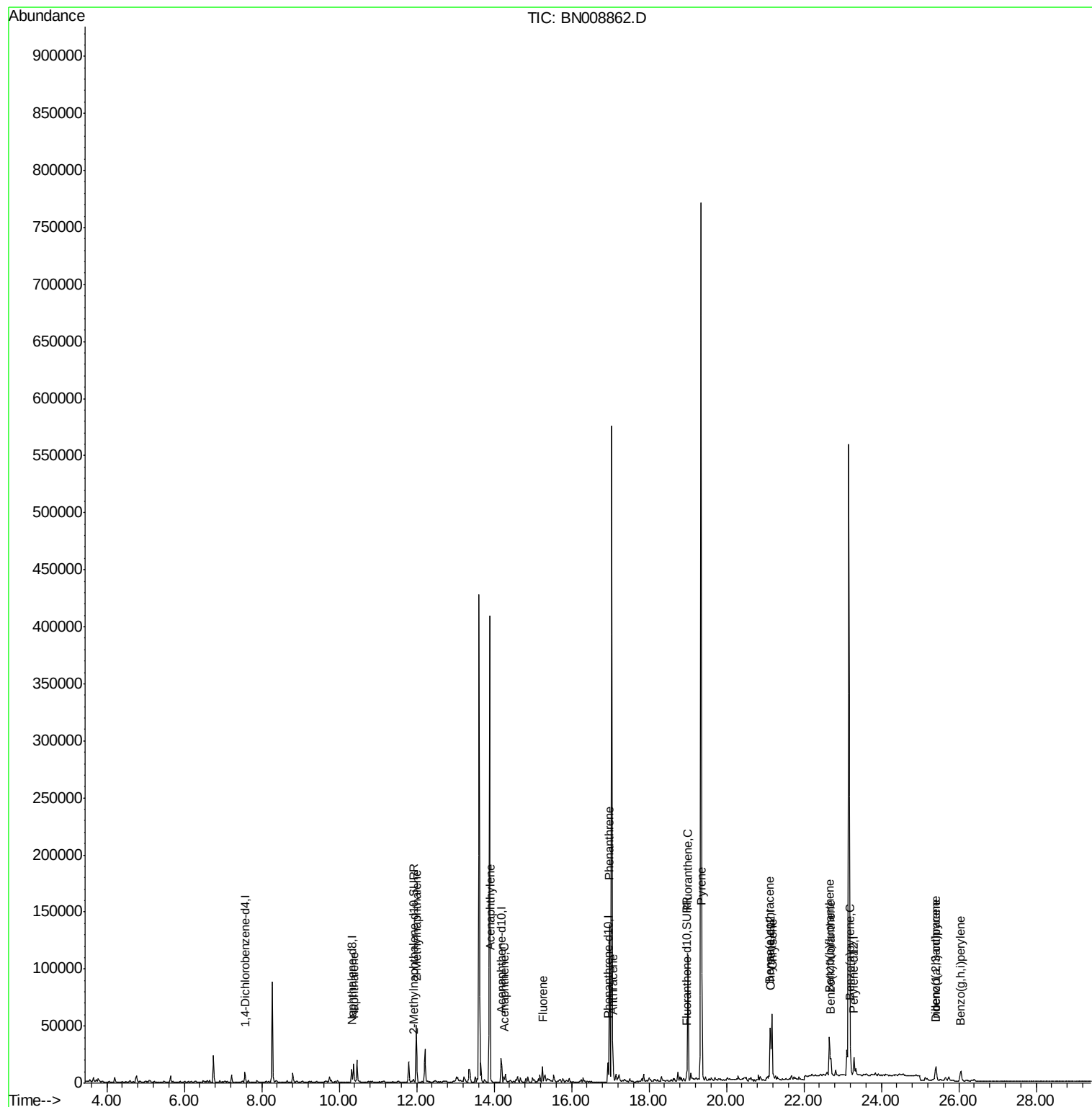
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008862.D
Acq On : 06 Dec 2019 16:39
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Sample : K6007-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

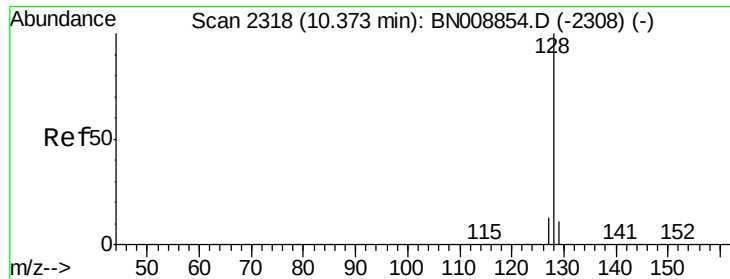
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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QLast Update : Fri Dec 06 12:03:45 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.543 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Instrument :

BNA_N

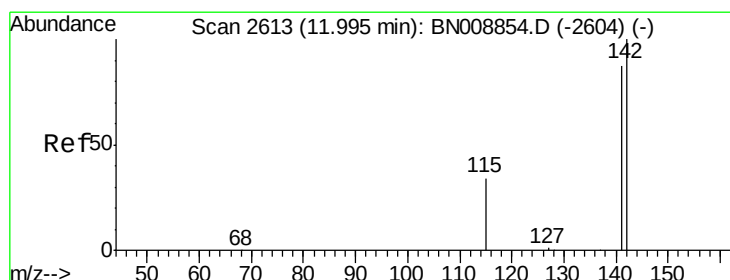
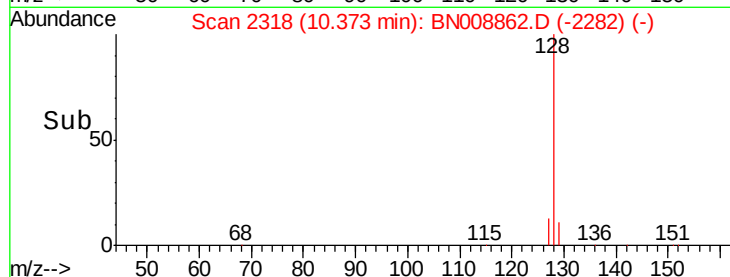
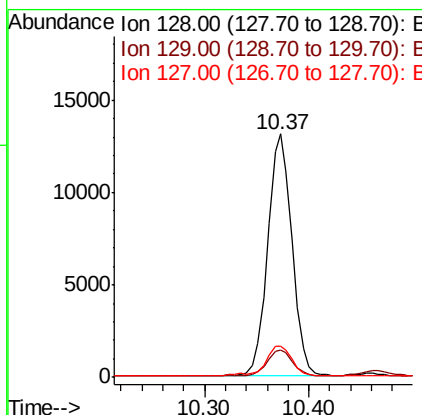
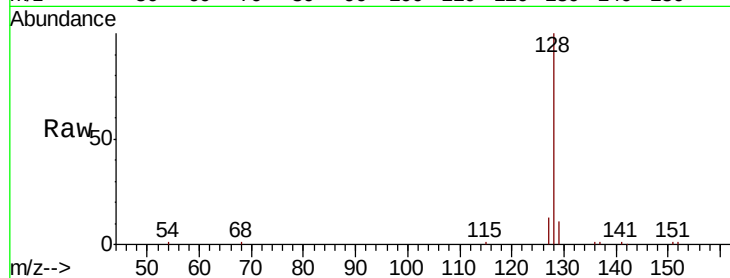
ClientSampleId :

C0BL5

Tot Ion:	128	Resp:	21389
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.1	13.7
127	13.0	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 1.293 ng/ul

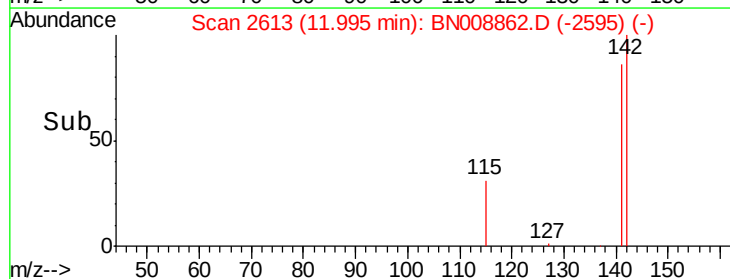
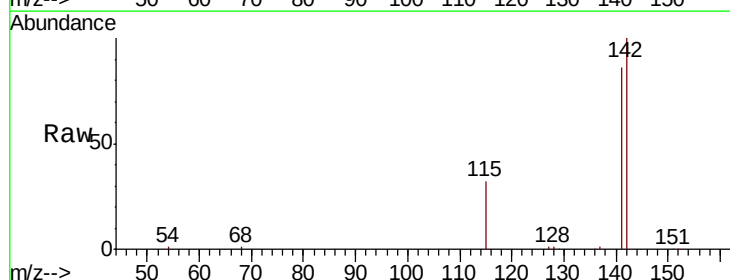
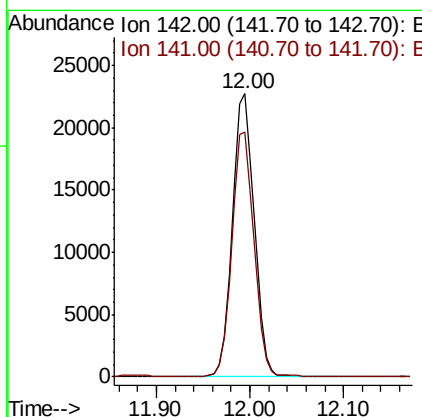
RT: 12.00 min Scan# 2613

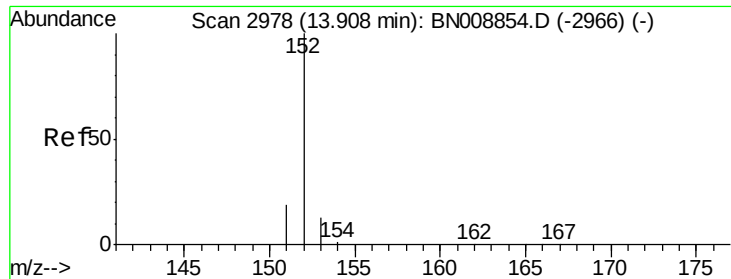
Delta R.T. -0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Tgt Ion:	142	Resp:	35557
Ion Ratio	Lower	Upper	
142	100		
141	87.4	70.1	105.1





#7

Acenaphthylene

Concen: 0.038 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Instrument :

BNA_N

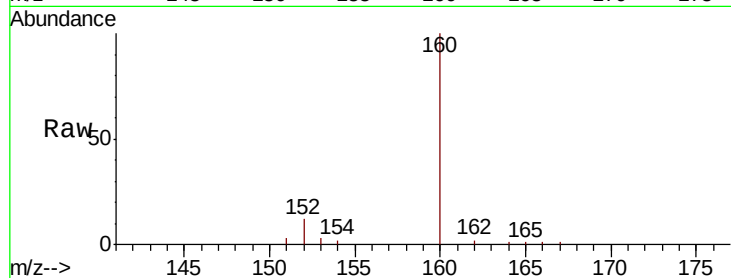
ClientSampleId :

C0BL5

Tot Ion:	152	Resp:	1877
Ion Ratio	Lower	Upper	
152	100		
151	26.8	15.8	23.6#
153	29.8	10.6	15.8#

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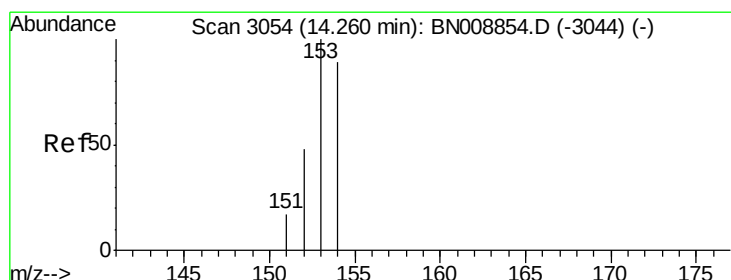
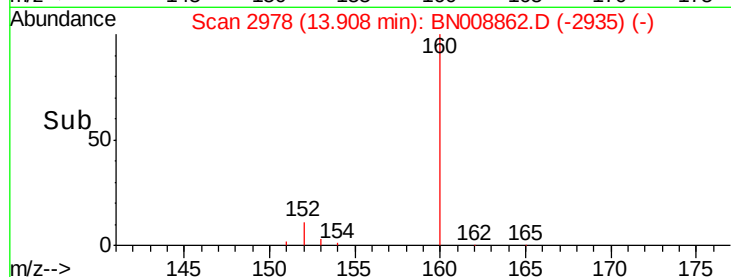
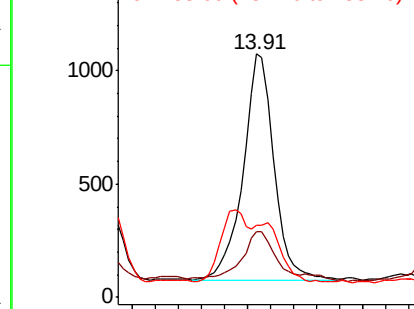


Abundance

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: 0.081 ng/ul

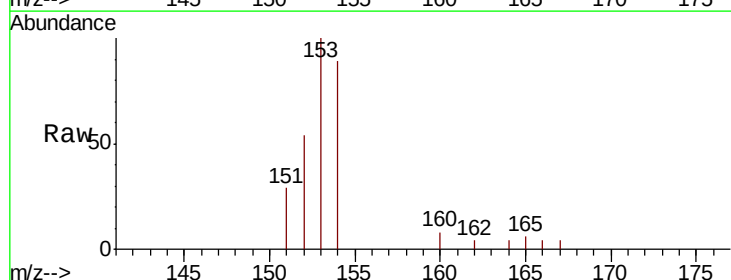
RT: 14.26 min Scan# 3053

Delta R.T. -0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Tgt Ion:	153	Resp:	2970
Ion Ratio	Lower	Upper	
153	100		
152	53.7	38.6	58.0
154	89.3	70.6	105.8

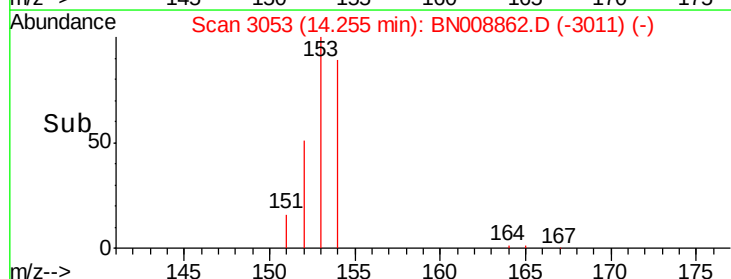
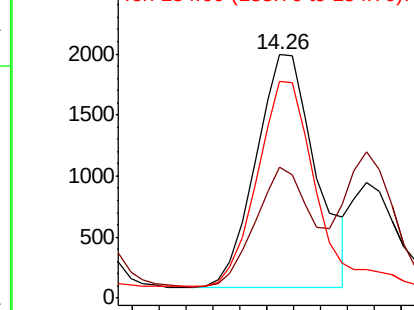


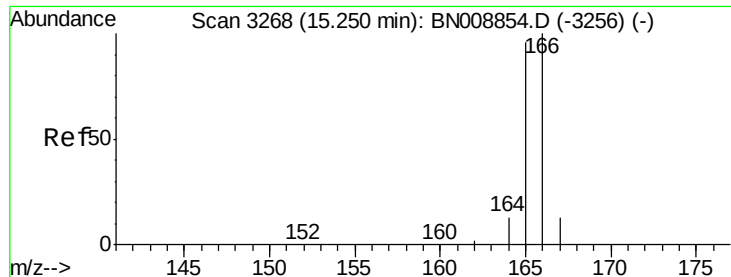
Abundance

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: 0.161 ng/ul

RT: 15.25 min Scan# 3268

Delta R.T. -0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Instrument :

BNA_N

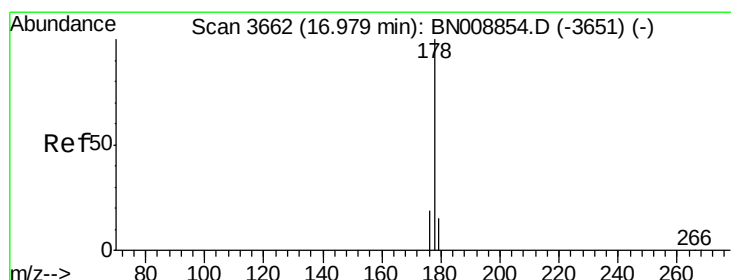
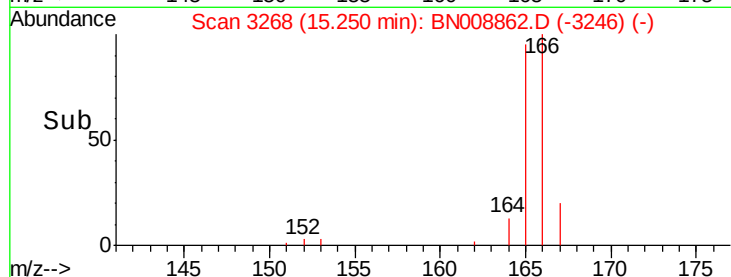
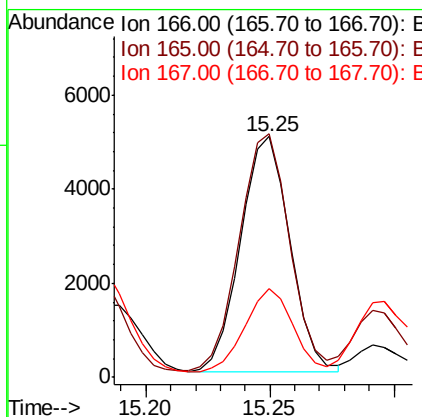
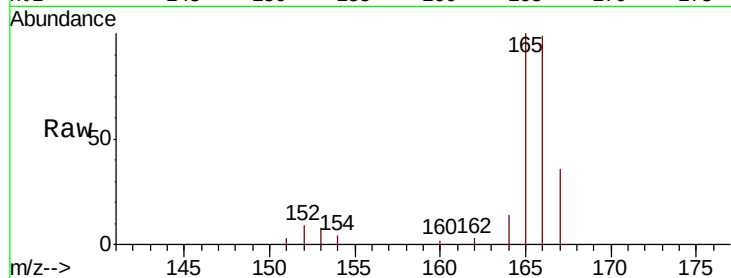
ClientSampleId :

C0BL5

Tot Ion:	166	Resp:	6889
Ion Ratio	Lower	Upper	
166	100		
165	101.3	77.7	116.5
167	36.9	11.1	16.7#

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#12

Phenanthrene

Concen: 2.208 ng/ul

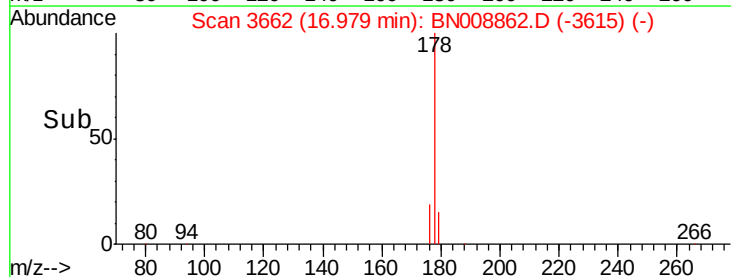
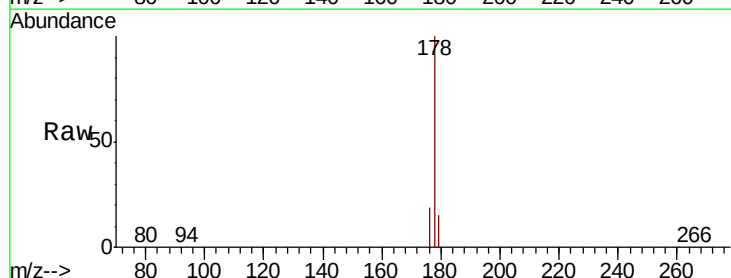
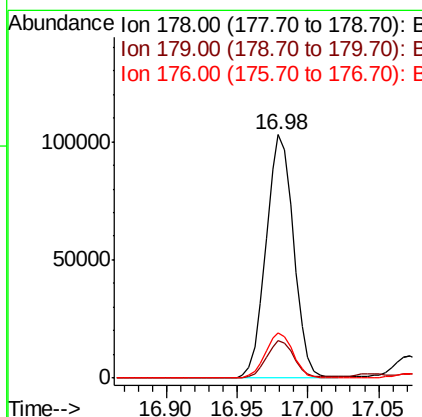
RT: 16.98 min Scan# 3662

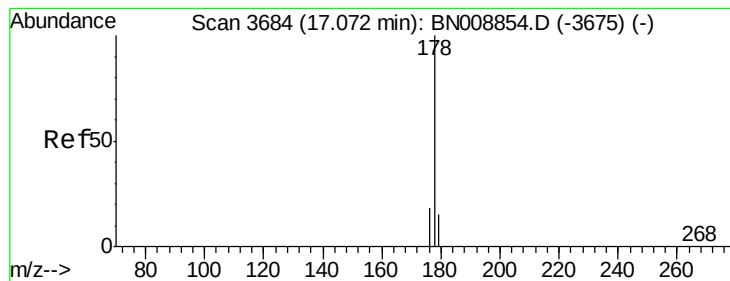
Delta R.T. -0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Tgt Ion:	178	Resp:	139314
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	18.8
176	18.7	15.3	22.9





#13

Anthracene

Concen: 0.218 ng/ul

RT: 17.07 min Scan# 3684

Delta R.T. -0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Instrument :

BNA_N

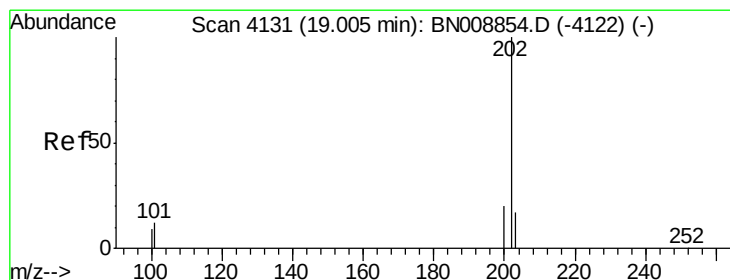
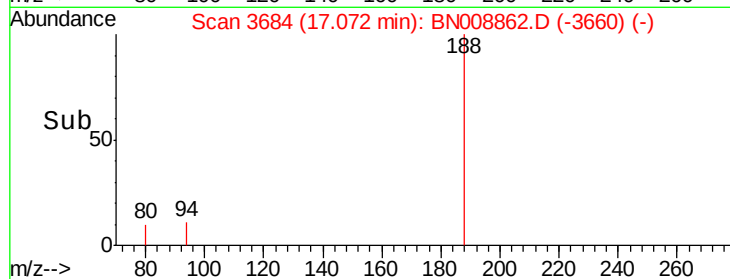
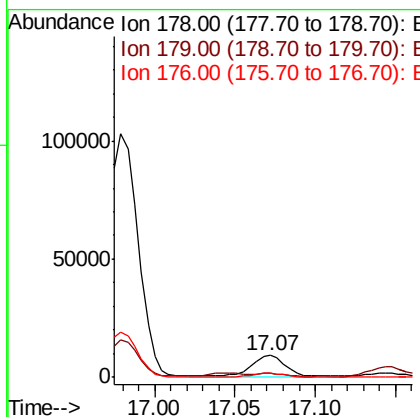
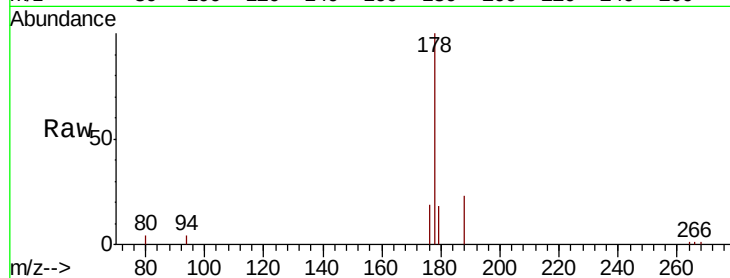
ClientSampled :

C0BL5

Tot Ion:	178	Resp:	13003
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.2	18.4
176	18.5	14.7	22.1

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#15

Fluoranthene

Concen: 1.154 ng/ul

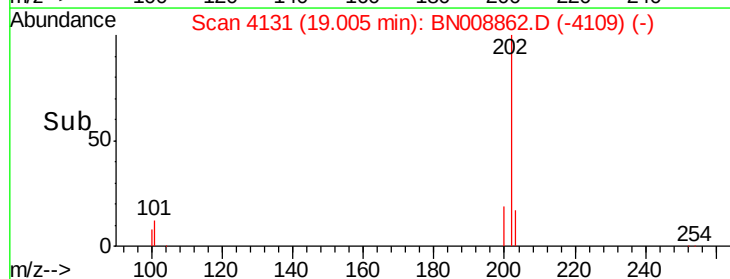
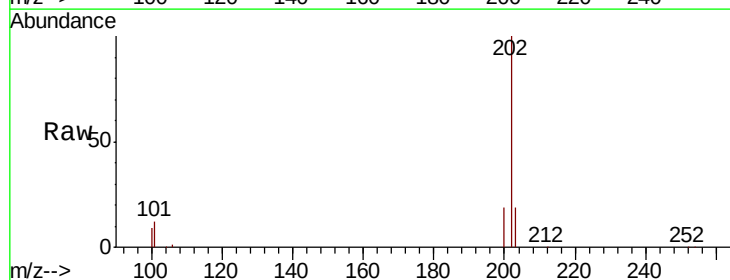
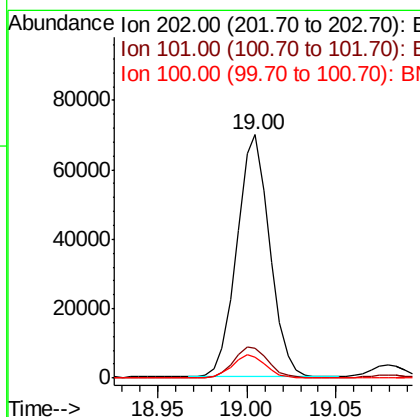
RT: 19.00 min Scan# 4131

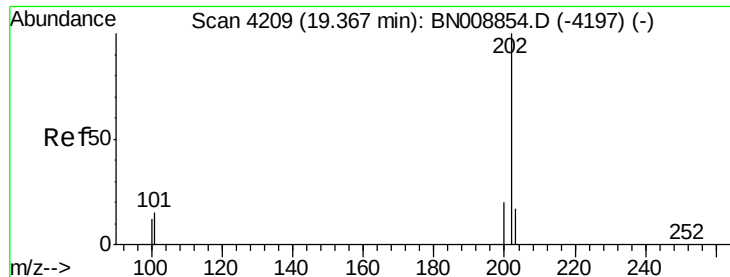
Delta R.T. -0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Tgt Ion:	202	Resp:	89493
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	32.4
100	8.6	0.0	29.2





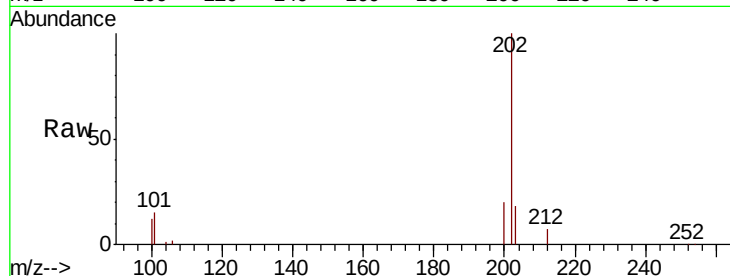
#17
Pvrene
Concen: 1.049 ng/ul
RT: 19.37 min Scan# 4209
Delta R.T. -0.00 min
Lab File: BN008862.D
Acq: 06 Dec 2019 16:39

Instrument :
BNA_N
ClientSampleId :
C0BL5

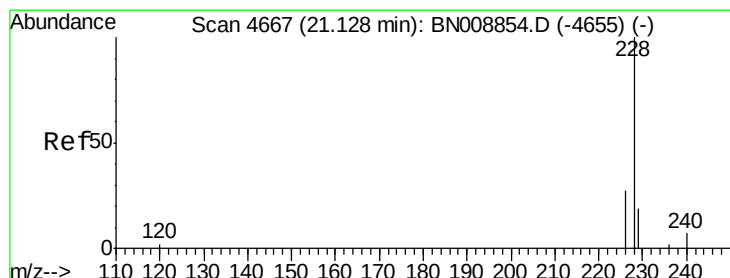
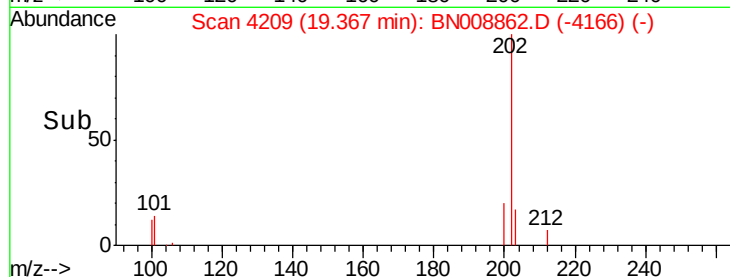
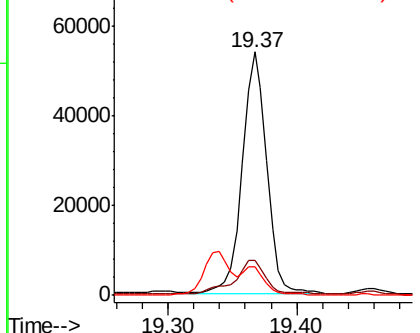
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.6	12.2	18.4
100	11.9	9.5	14.3

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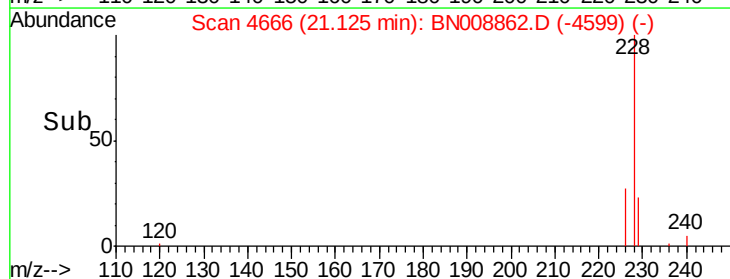
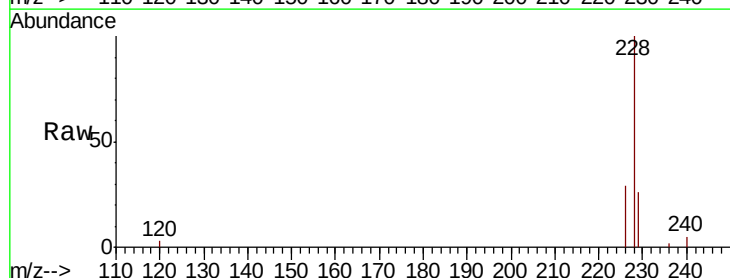
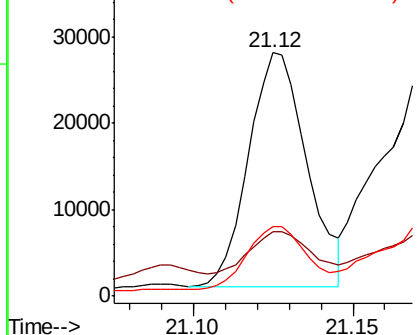
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

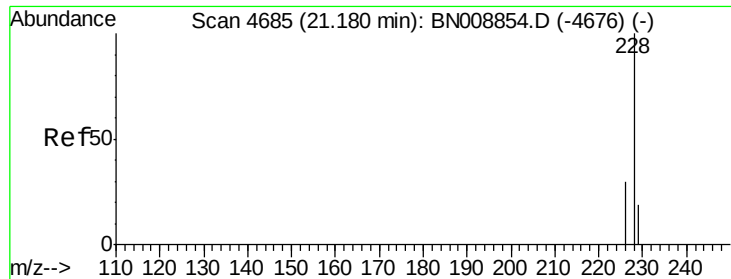


#18
Benzo(a)anthracene
Concen: 0.505 ng/ul
RT: 21.12 min Scan# 4666
Delta R.T. -0.00 min
Lab File: BN008862.D
Acq: 06 Dec 2019 16:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	26.2	15.7	23.5#
226	28.7	21.5	32.3

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.887 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. -0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Instrument :

BNA_N

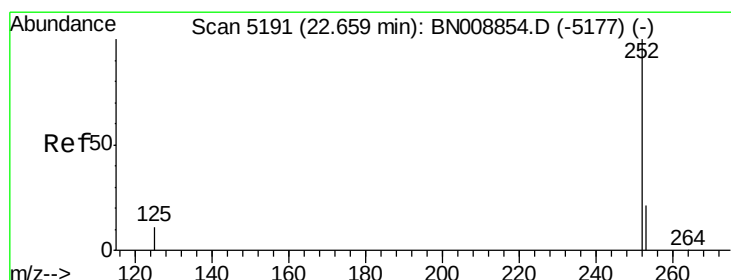
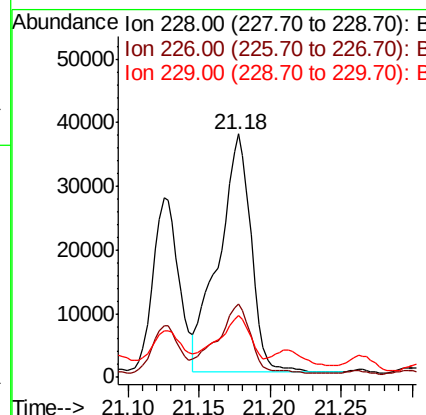
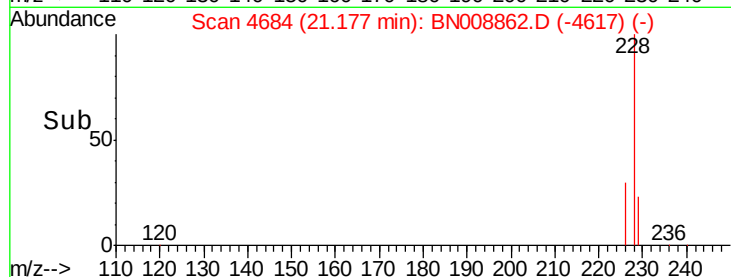
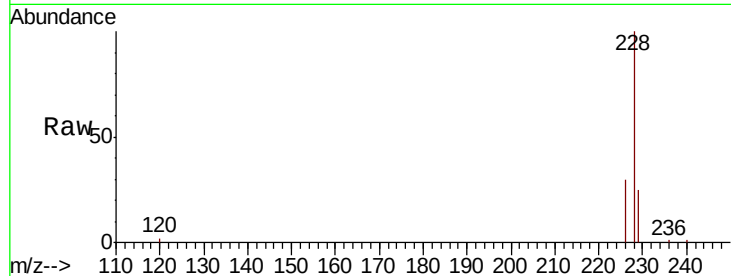
ClientSampled :

C0BL5

Tot Ion:228	Resp:	59068
Ion Ratio	Lower	Upper
228 100		
226 30.2	23.8	35.6
229 25.2	15.6	23.4#

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#21

Benzo(b)fluoranthene

Concen: 0.607 ng/ul m

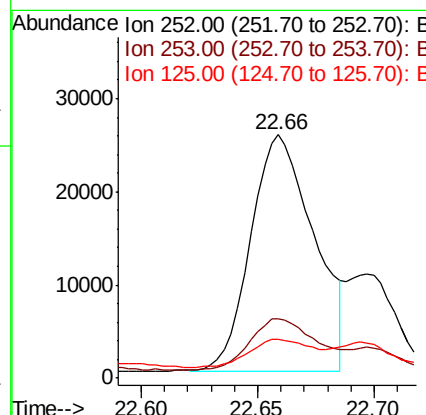
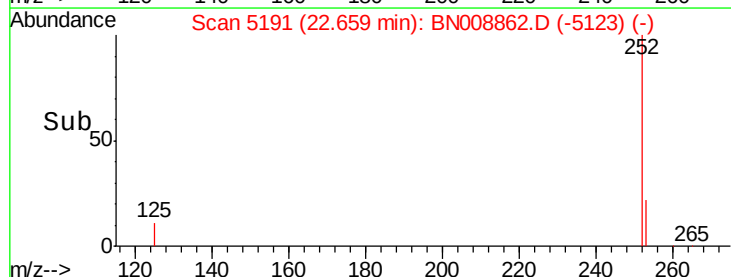
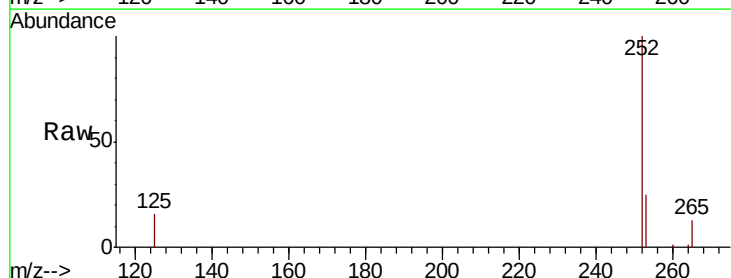
RT: 22.66 min Scan# 5191

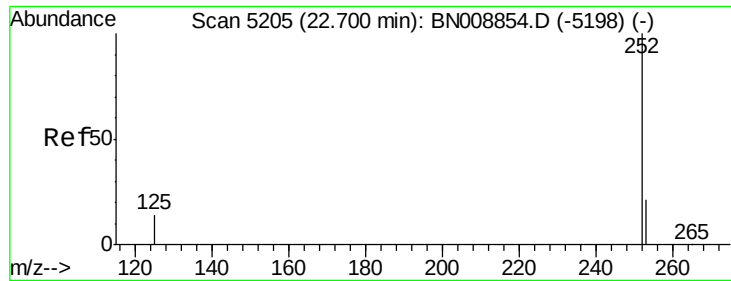
Delta R.T. -0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Tgt Ion:252	Resp:	48401
Ion Ratio	Lower	Upper
252 100		
253 24.5	0.0	48.6
125 15.8	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.196 ng/ul m

RT: 22.70 min Scan# 5204

Delta R.T. -0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Instrument :

BNA_N

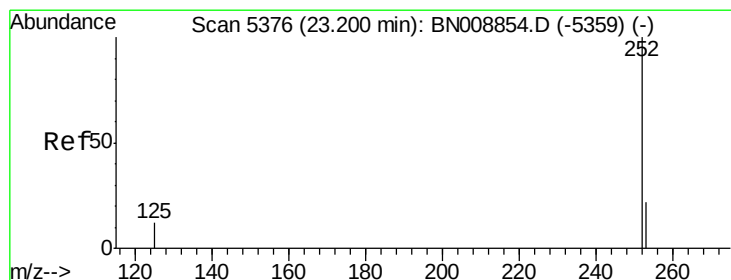
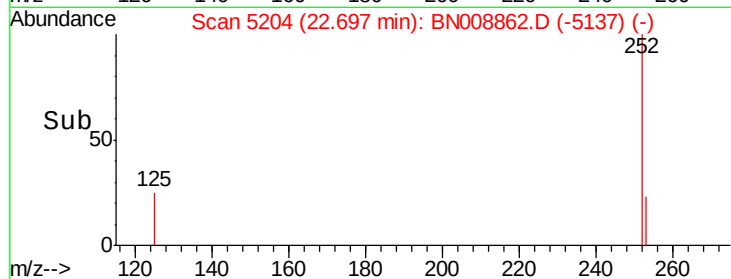
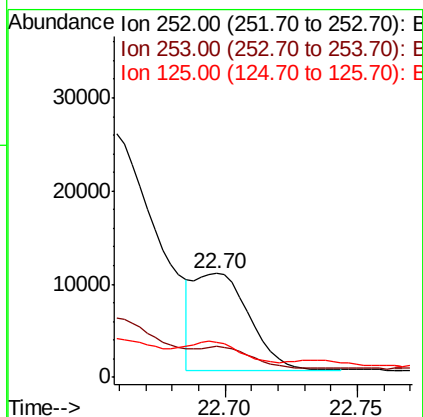
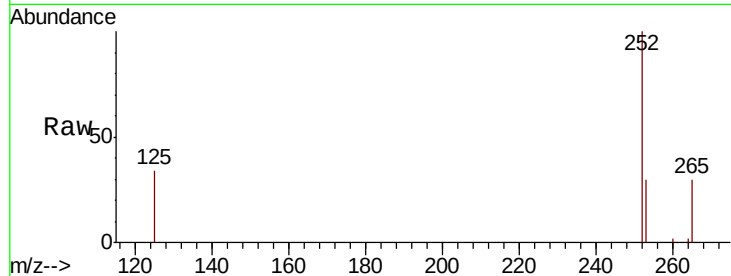
ClientSampleId :

C0BL5

Tot Ion:	252	Resp:	15461
Ion Ratio	Lower	Upper	
252	100		
253	29.7	19.6	29.4#
125	33.7	13.8	20.6#

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#23

Benzo(a)pyrene

Concen: 0.349 ng/ul

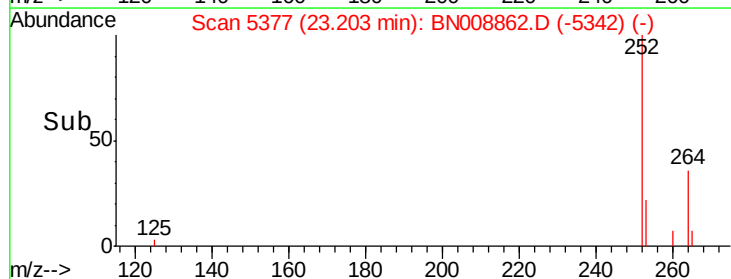
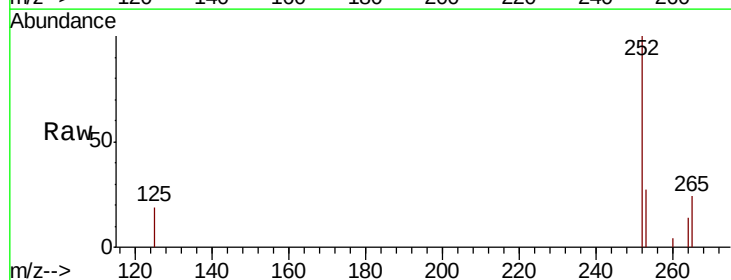
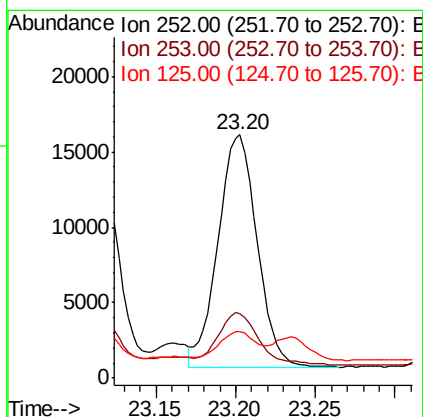
RT: 23.20 min Scan# 5377

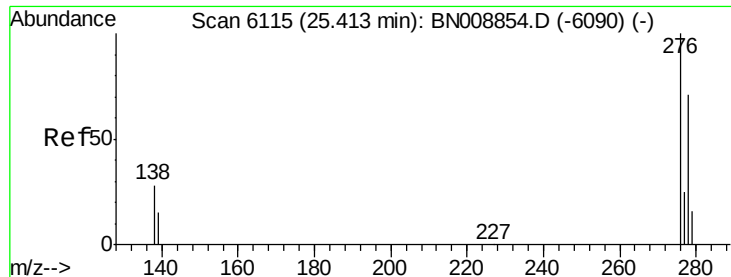
Delta R.T. 0.00 min

Lab File: BN008862.D

Acq: 06 Dec 2019 16:39

Tgt Ion:	252	Resp:	26114
Ion Ratio	Lower	Upper	
252	100		
253	26.5	19.9	29.9
125	19.0	14.6	22.0





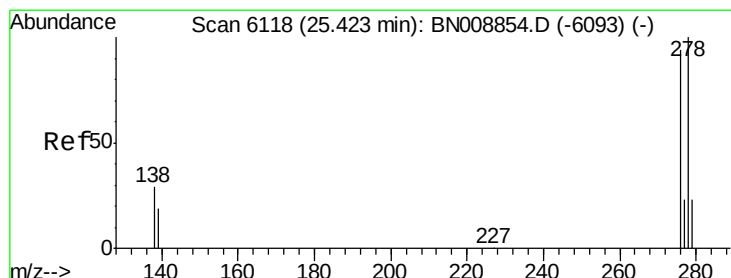
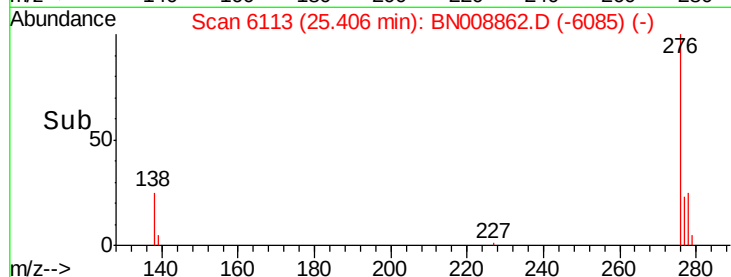
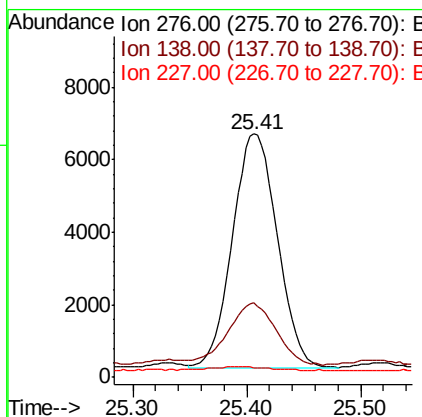
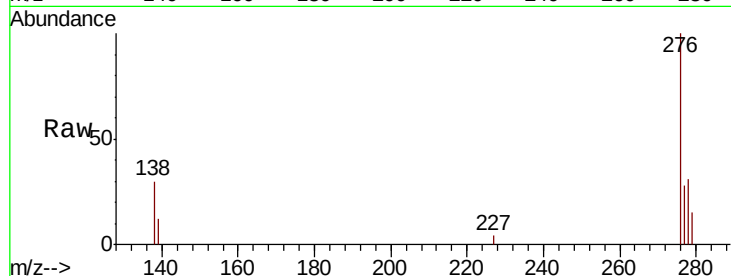
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.201 ng/ul
 RT: 25.41 min Scan# 6113
 Delta R.T. -0.01 min
 Lab File: BN008862.D
 Acq: 06 Dec 2019 16:39

Instrument :
 BNA_N
 ClientSampleId :
 C0BL5

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.8	35.6
227	0.0	0.2	0.2

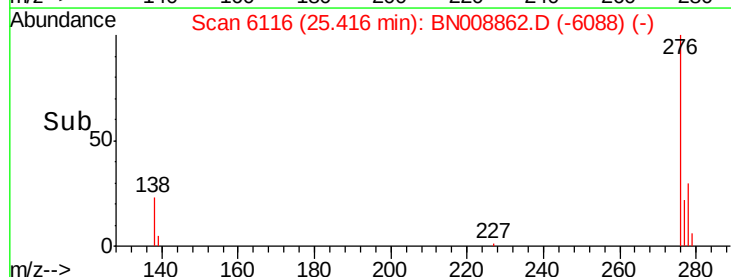
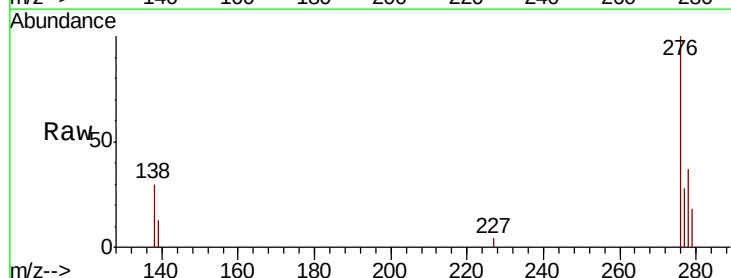
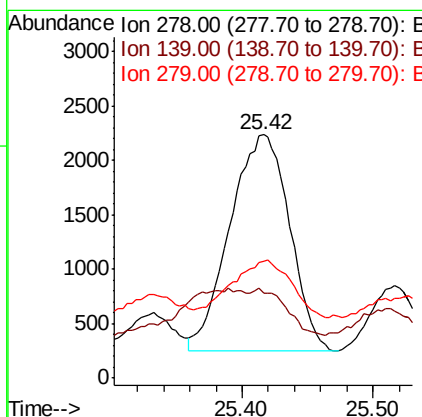
Manual Integrations
 APPROVED

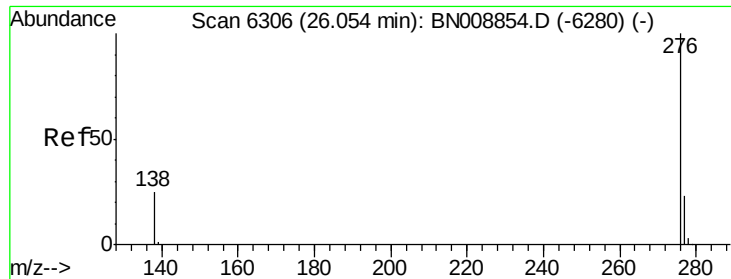
mohammad
 12/9/2019 3:07:34 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.089 ng/ul
 RT: 25.42 min Scan# 6116
 Delta R.T. -0.01 min
 Lab File: BN008862.D
 Acq: 06 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.8	17.4	26.0
279	48.0	20.5	30.7





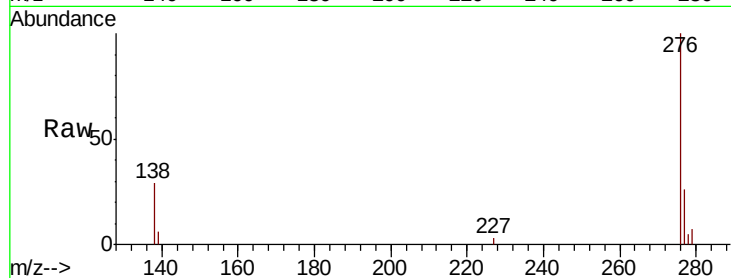
#26
 Benzo(a,h,i)perylene
 Concen: 0.237 ng/ul
 RT: 26.05 min Scan# 6305
 Delta R.T. -0.00 min
 Lab File: BN008862.D
 Acq: 06 Dec 2019 16:39

Instrument :
 BNA_N
 ClientSampleId :
 C0BL5

Tot Ion:	276	Resp:	17353
Ion Ratio	Lower	Upper	
276	100		
138	28.6	21.9	32.9
277	26.1	19.9	29.9

Manual Integrations
 APPROVED

mohammad
 12/9/2019 3:07:34 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

