

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008864.D
 Acq On : 06 Dec 2019 17:50
 Operator : JU
 Sample : K6007-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL6

Manual Integrations
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Quant Time: Dec 06 23:05:00 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	3177	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	14074	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	9164	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	20384m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	18449	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	20609	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	5170	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	15320	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	1669	0.039	ng/ul#	88
5) 2-Methylnaphthalene	12.00	142	2120	0.072	ng/ul	99
7) Acenaphthylene	13.91	152	1252	0.025	ng/ul#	85
12) Phenanthrene	16.98	178	14447	0.210	ng/ul	99
13) Anthracene	17.07	178	2259	0.035	ng/ul#	90
15) Fluoranthene	19.00	202	21143	0.250	ng/ul	100
17) Pyrene	19.37	202	17590m	0.238	ng/ul	
18) Benzo(a)anthracene	21.12	228	10618	0.143	ng/ul	95
19) Chrysene	21.18	228	11855	0.163	ng/ul	96
21) Benzo(b)fluoranthene	22.66	252	14407m	0.170	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	5421m	0.064	ng/ul	
23) Benzo(a)pyrene	23.20	252	8617	0.108	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.40	276	6120	0.066	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.41	278	1858	0.025	ng/ul#	27
26) Benzo(g,h,i)perylene	26.04	276	5433	0.070	ng/ul#	91

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

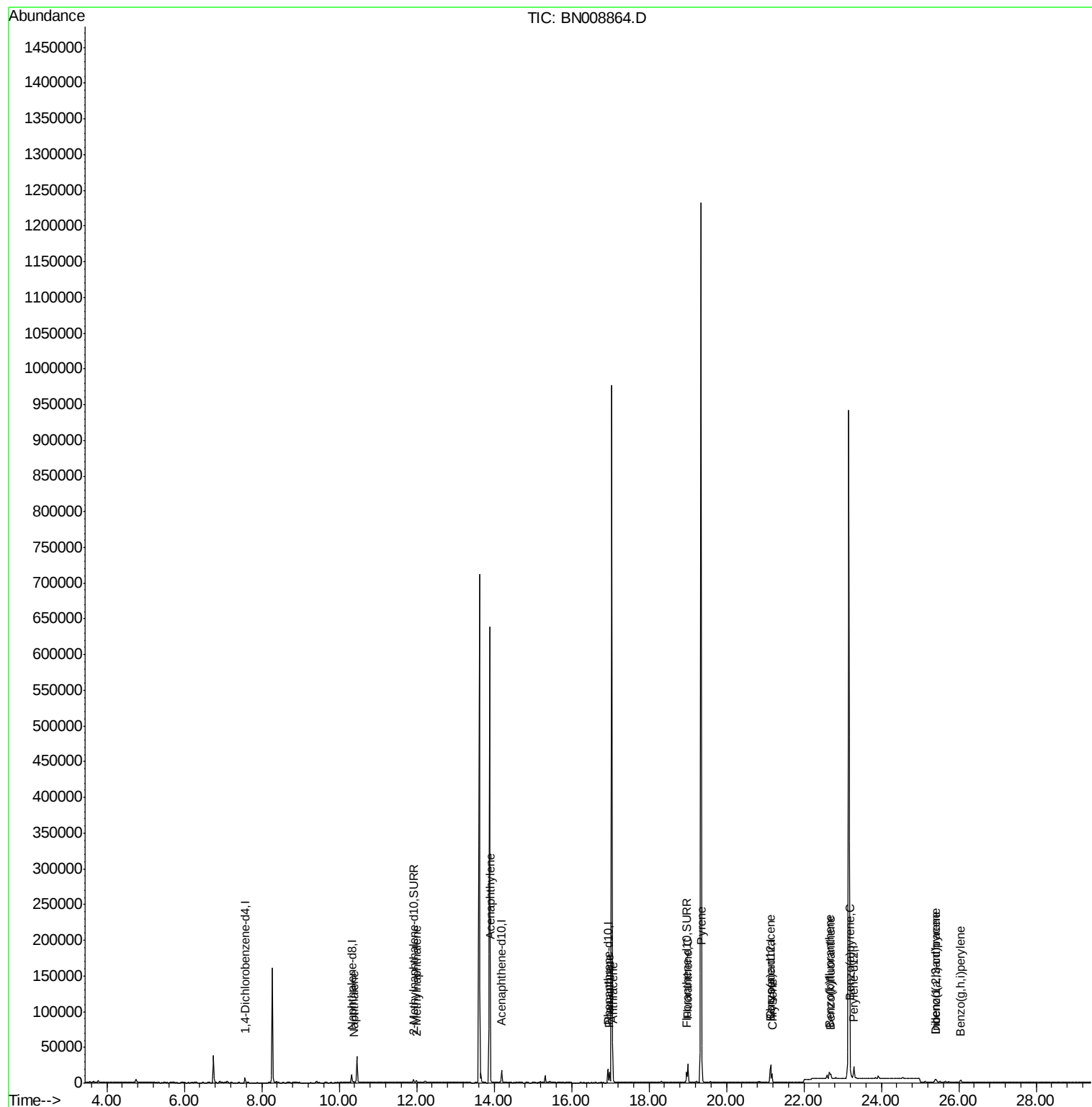
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008864.D
Acq On : 06 Dec 2019 17:50
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Misc :
ALS Vial : 11 Sample Multiplier: 1

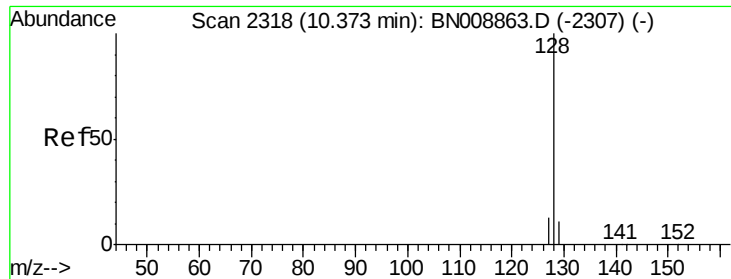
Instrument :
BNA_N
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Quant Time: Dec 06 23:05:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 12:03:45 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN008864.D

Acq: 06 Dec 2019 17:50

Instrument :

BNA_N

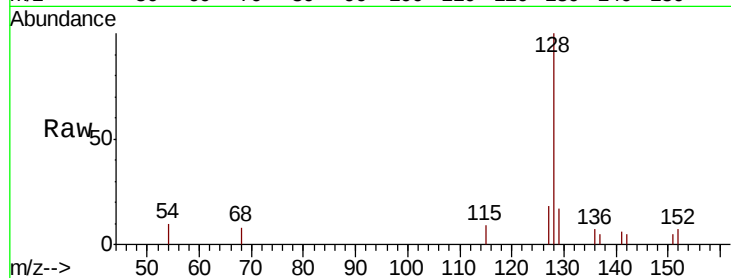
ClientSampled :

C0BL6

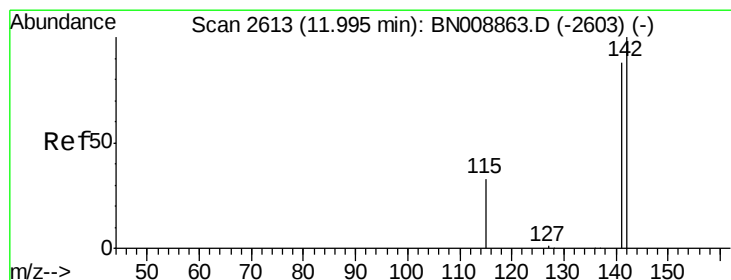
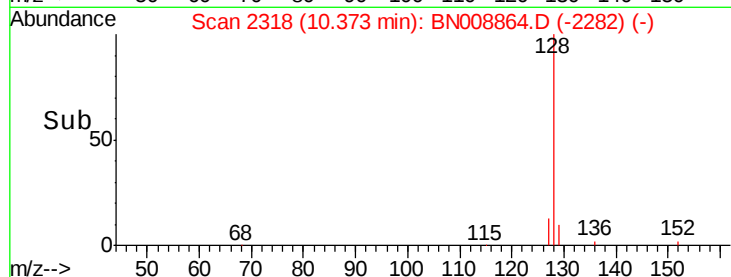
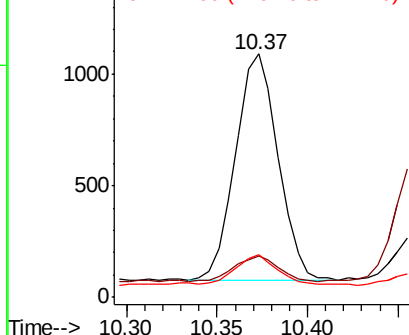
Tot Ion:	128	Resp:	1669
Ion	Ratio	Lower	Upper
128	100		
129	16.8	9.1	13.7#
127	17.5	10.7	16.1#

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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: 0.072 ng/ul

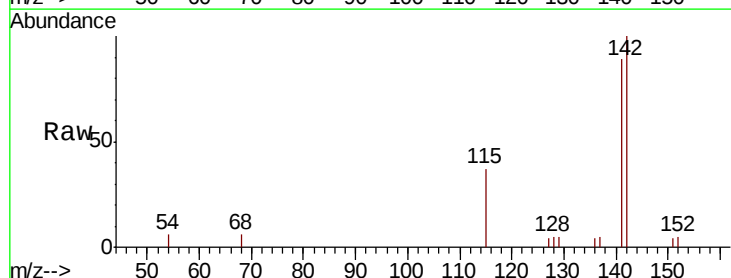
RT: 12.00 min Scan# 2613

Delta R.T. -0.00 min

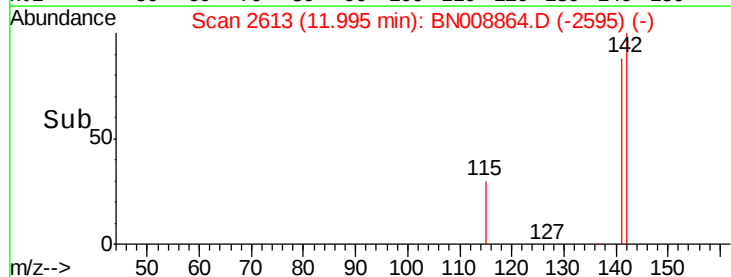
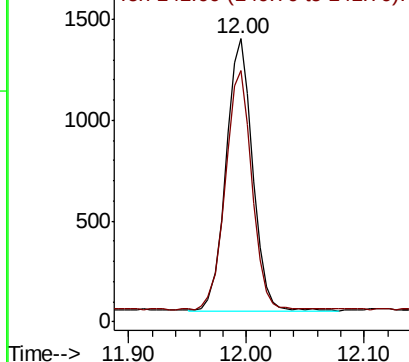
Lab File: BN008864.D

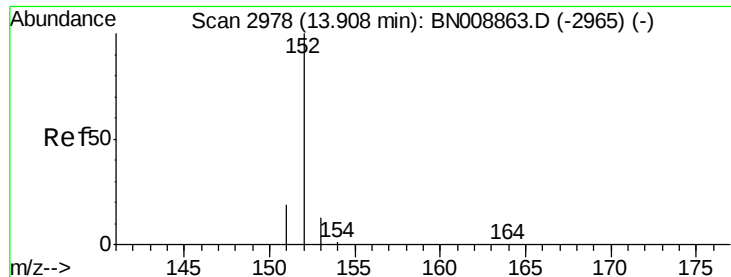
Acq: 06 Dec 2019 17:50

Tgt Ion:	142	Resp:	2120
Ion	Ratio	Lower	Upper
142	100		
141	88.5	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: 0.025 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BN008864.D

Acq: 06 Dec 2019 17:50

Instrument :

BNA_N

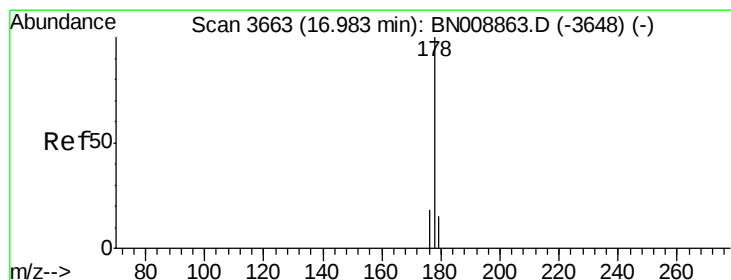
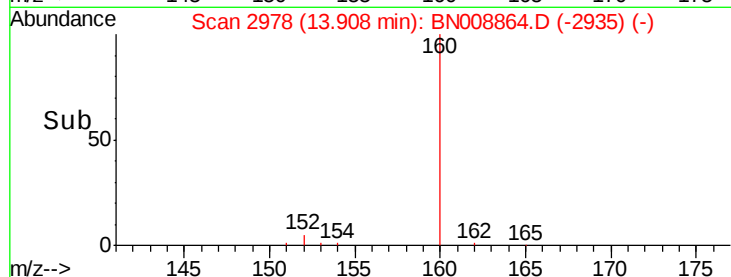
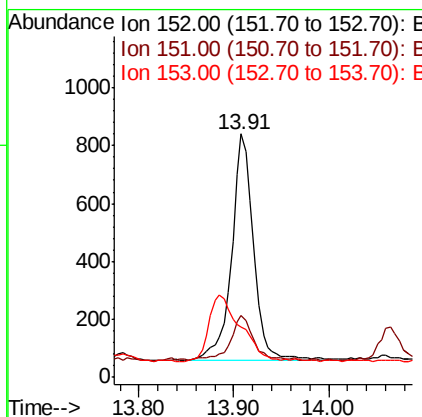
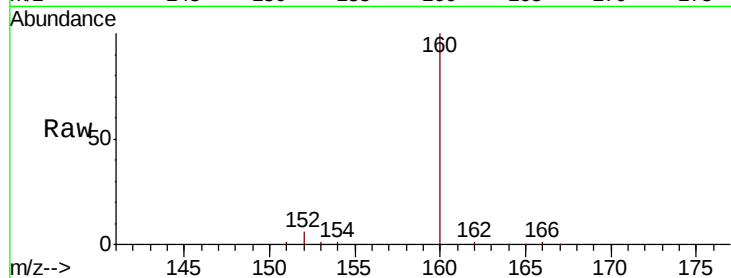
ClientSampled :

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Tot Ion:	152	Resp:	1252
Ion Ratio	Lower	Upper	
152	100		
151	25.3	15.8	23.6#
153	20.7	10.6	15.8#

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#12

Phenanthrene

Concen: 0.210 ng/ul

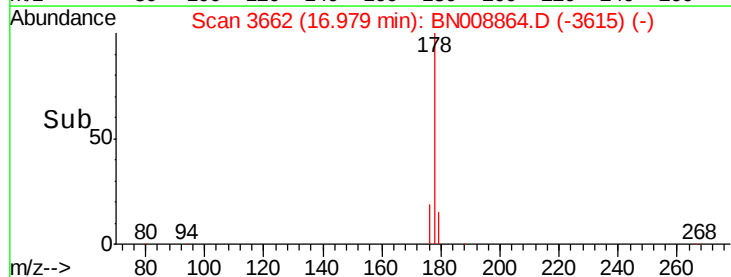
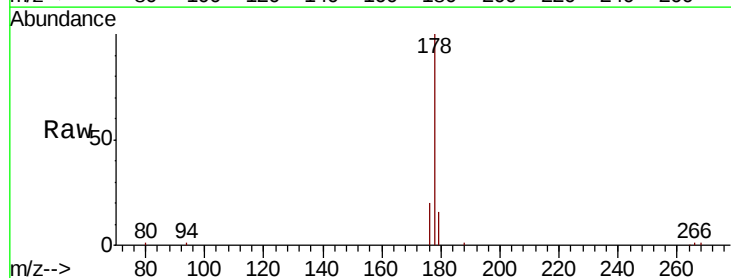
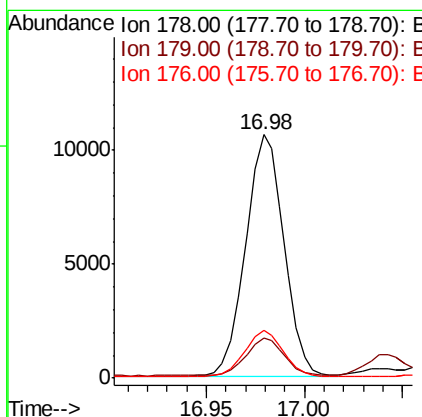
RT: 16.98 min Scan# 3662

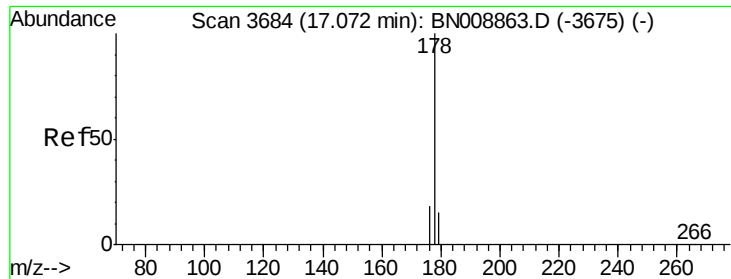
Delta R.T. -0.00 min

Lab File: BN008864.D

Acq: 06 Dec 2019 17:50

Tgt Ion:	178	Resp:	14447
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	18.8
176	19.6	15.3	22.9





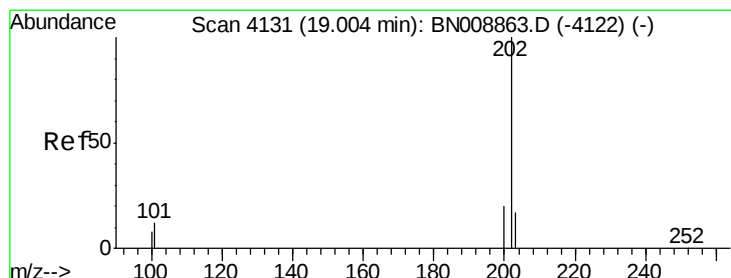
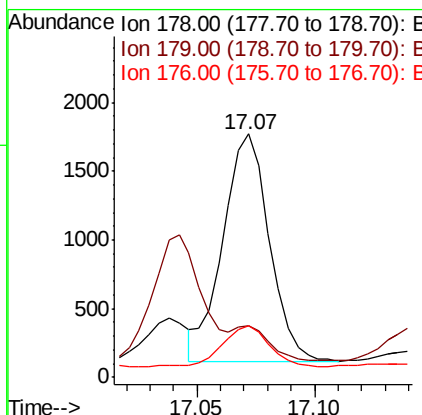
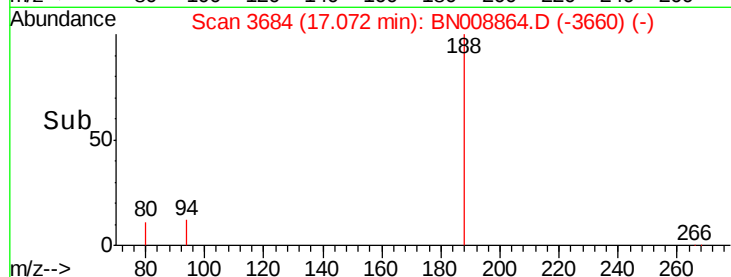
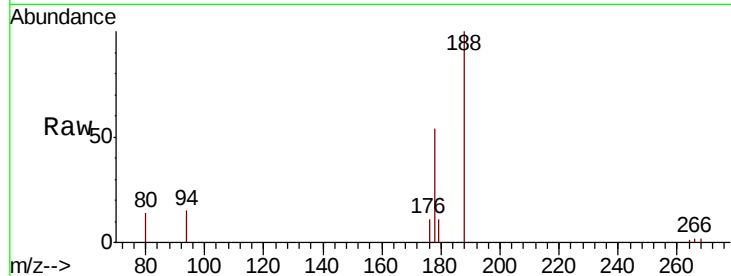
#13
 Anthracene
 Concen: 0.035 ng/ul
 RT: 17.07 min Scan# 3684
 Delta R.T. -0.00 min
 Lab File: BN008864.D
 Acq: 06 Dec 2019 17:50

Instrument :
 BNA_N
 ClientSampleId :
 C0BL6

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.2	12.2	18.4#
176	21.2	14.7	22.1

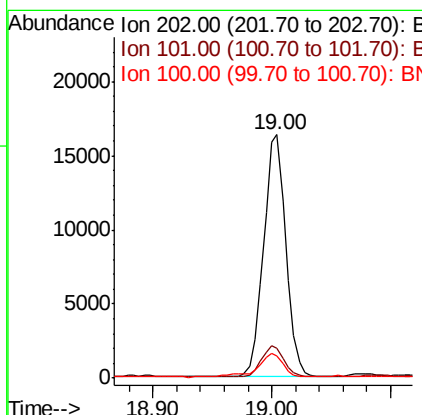
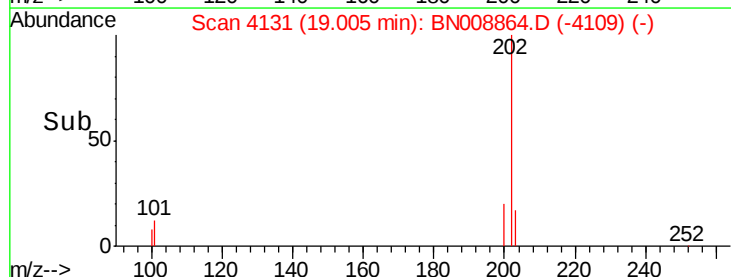
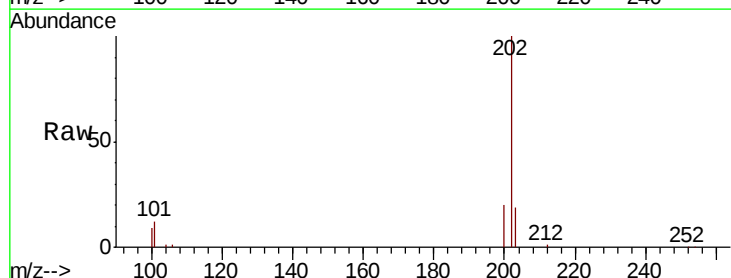
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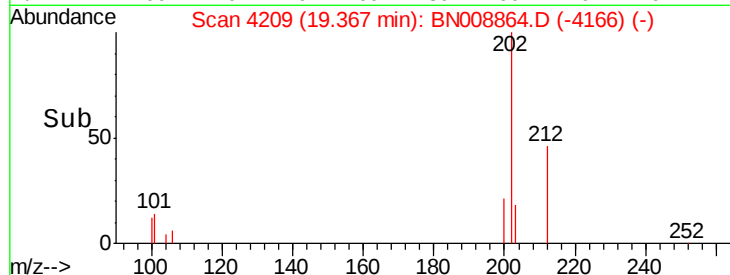
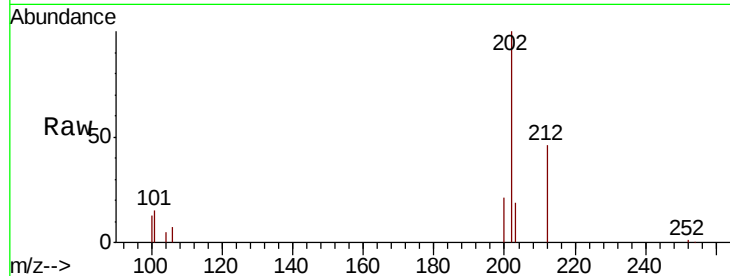
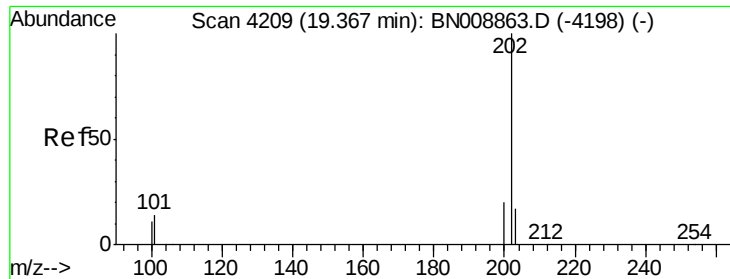
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#15
 Fluoranthene
 Concen: 0.250 ng/ul
 RT: 19.00 min Scan# 4131
 Delta R.T. -0.00 min
 Lab File: BN008864.D
 Acq: 06 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.4
100	8.9	0.0	29.2





#17

Pvrene

Concen: 0.238 ng/ul m

RT: 19.37 min Scan# 4209

Delta R.T. -0.00 min

Lab File: BN008864.D

Acq: 06 Dec 2019 17:50

Tot Ion:	202	Resp:	17590
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.2	18.4
100	12.8	9.5	14.3

Instrument :

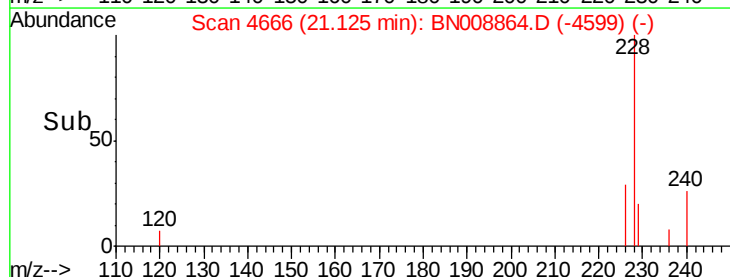
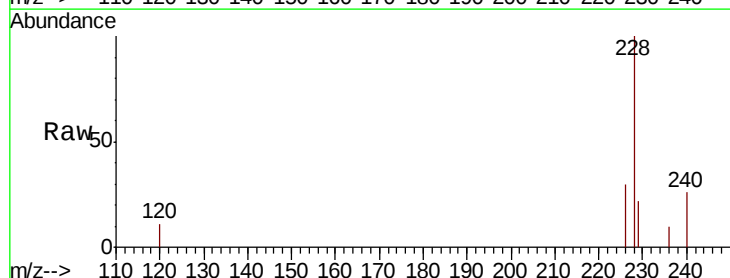
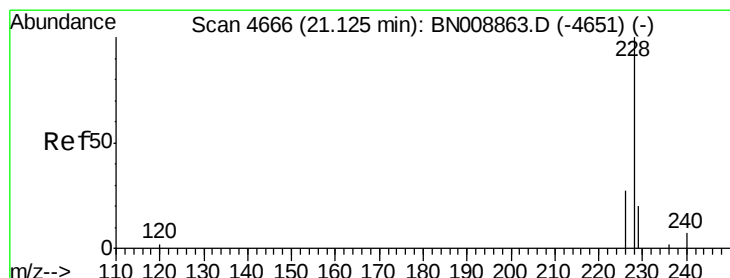
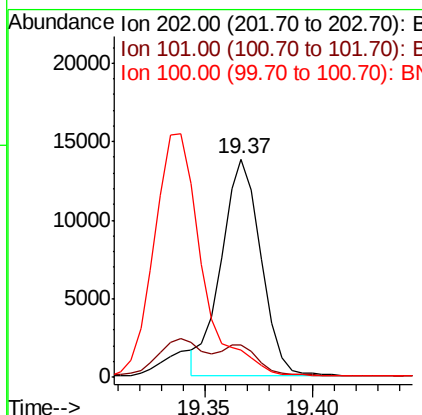
BNA_N

ClientSampleId :

C0BL6

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#18

Benzo(a)anthracene

Concen: 0.143 ng/ul

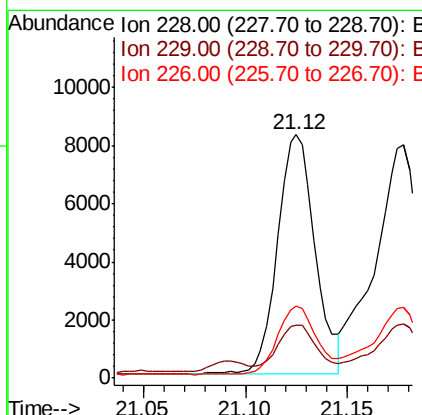
RT: 21.12 min Scan# 4666

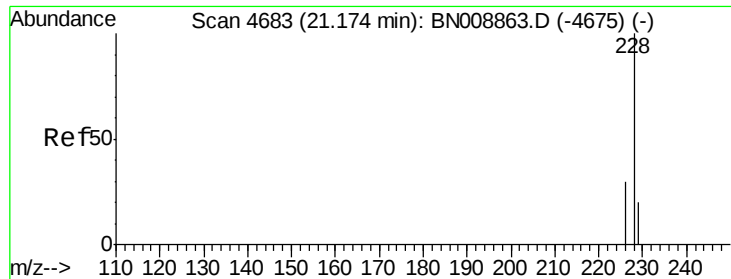
Delta R.T. -0.00 min

Lab File: BN008864.D

Acq: 06 Dec 2019 17:50

Tgt Ion:	228	Resp:	10618
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.7	23.5
226	29.8	21.5	32.3





#19

Chrysene

Concen: 0.163 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. -0.00 min

Lab File: BN008864.D

Acq: 06 Dec 2019 17:50

Instrument :

BNA_N

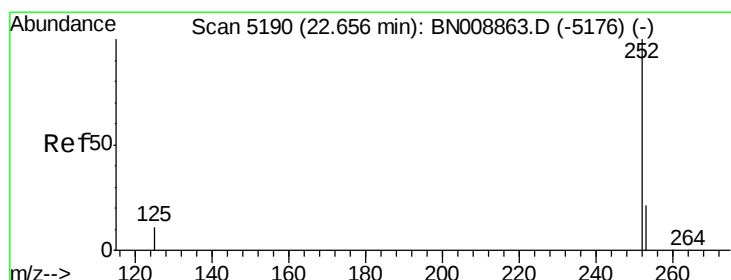
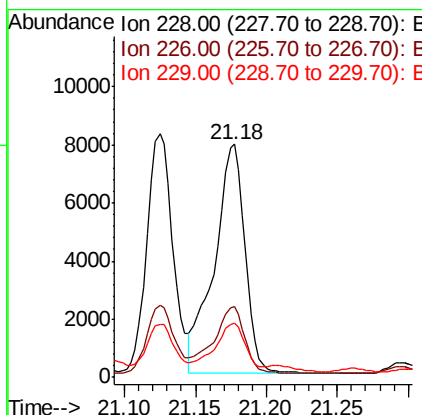
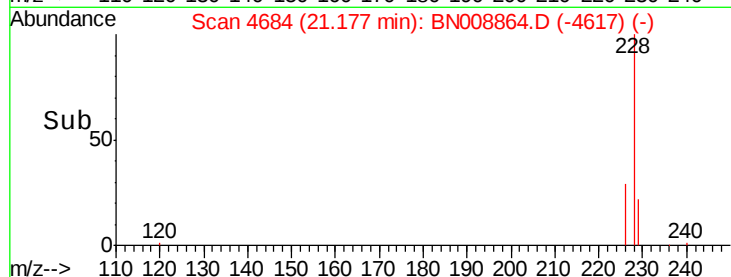
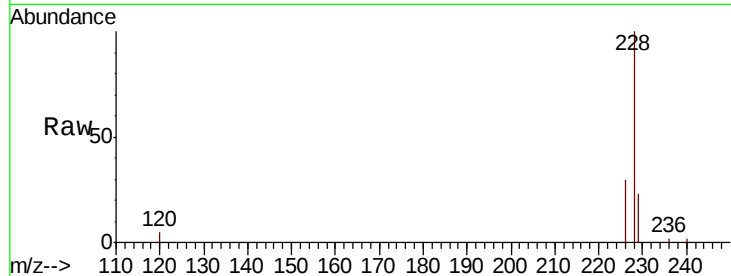
ClientSampled :

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Tot Ion:	228	Resp:	11855
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.6
229	23.3	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 0.170 ng/ul m

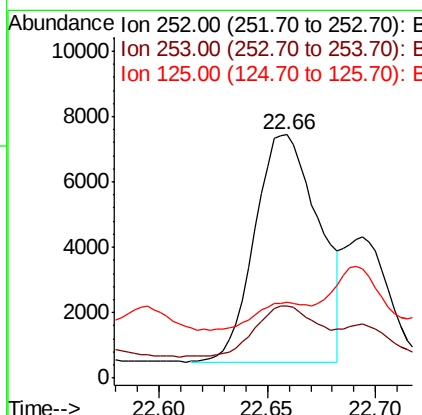
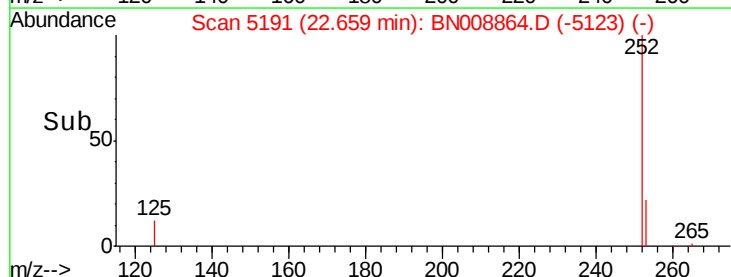
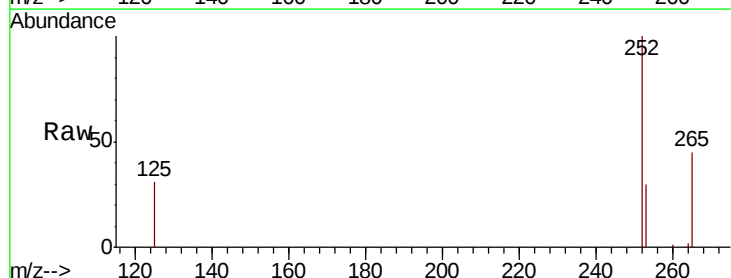
RT: 22.66 min Scan# 5191

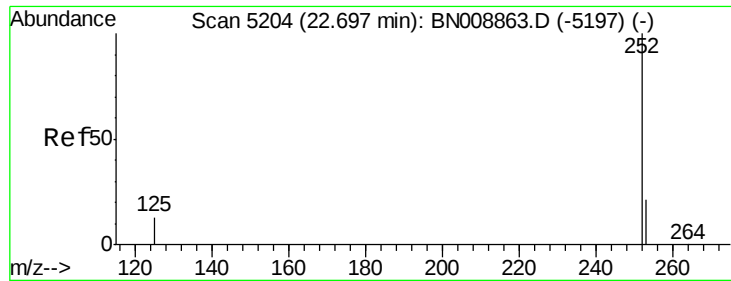
Delta R.T. -0.00 min

Lab File: BN008864.D

Acq: 06 Dec 2019 17:50

Tgt Ion:	252	Resp:	14407
Ion Ratio	Lower	Upper	
252	100		
253	29.5	0.0	48.6
125	31.0	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.064 ng/ul

RT: 22.69 min Scan# 5203

Delta R.T. -0.01 min

Lab File: BN008864.D

Acq: 06 Dec 2019 17:50

Instrument :

BNA_N

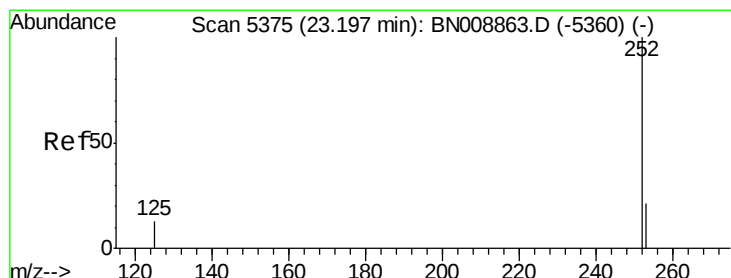
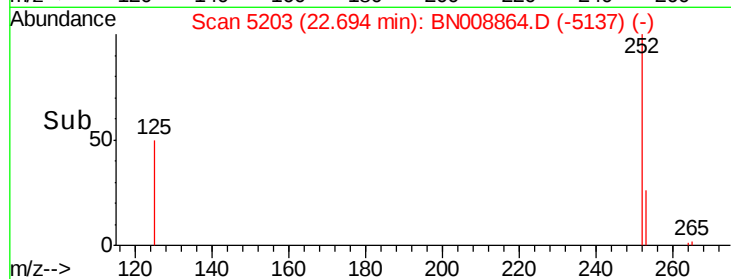
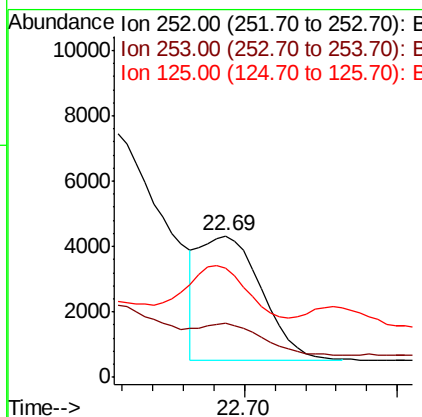
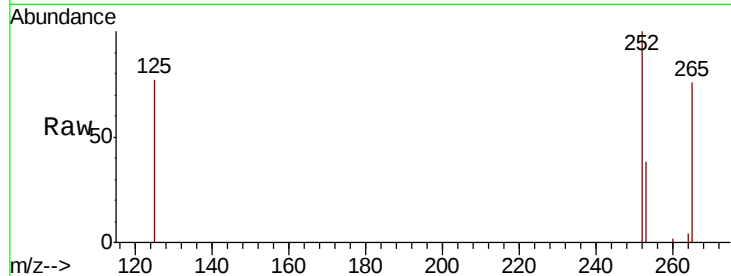
ClientSampleId :

C0BL6

Tot Ion:	252	Resp:	5421
Ion Ratio	Lower	Upper	
252	100		
253	38.1	19.6	29.4#
125	77.5	13.8	20.6#

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#23

Benzo(a)pyrene

Concen: 0.108 ng/ul

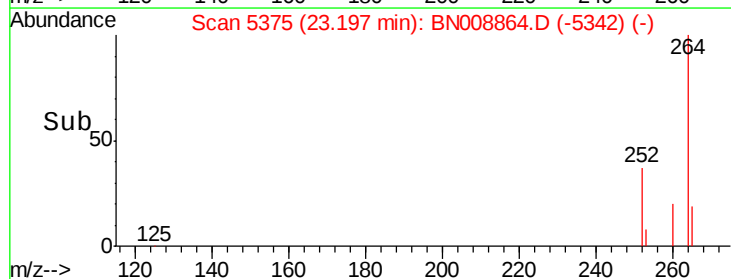
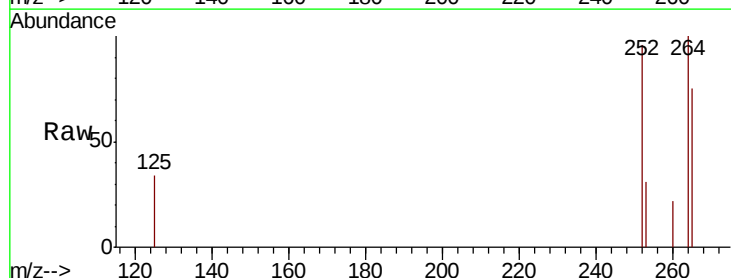
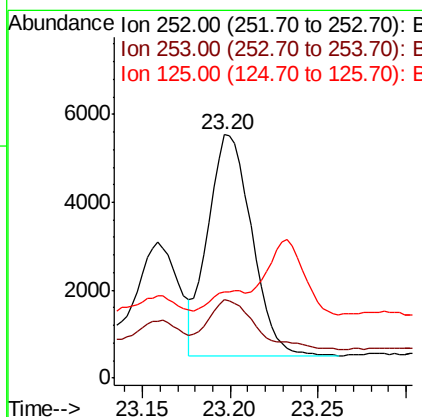
RT: 23.20 min Scan# 5375

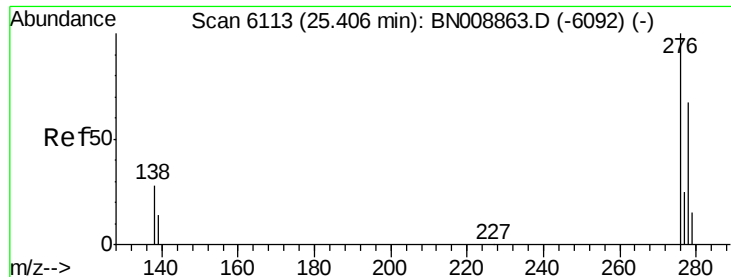
Delta R.T. -0.00 min

Lab File: BN008864.D

Acq: 06 Dec 2019 17:50

Tgt Ion:	252	Resp:	8617
Ion Ratio	Lower	Upper	
252	100		
253	32.1	19.9	29.9#
125	35.6	14.6	22.0#





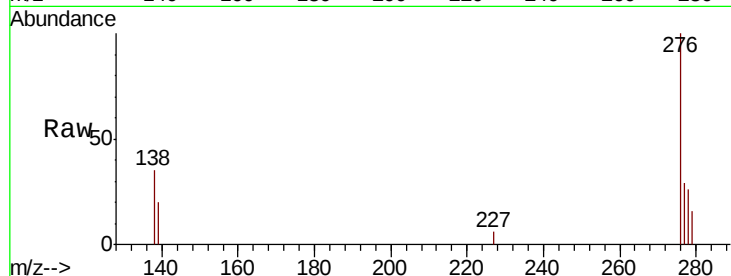
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.066 ng/ul
 RT: 25.40 min Scan# 6111
 Delta R.T. -0.01 min
 Lab File: BN008864.D
 Acq: 06 Dec 2019 17:50

Instrument :
 BNA_N
 ClientSampleId :
 C0BL6

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.9	23.8	35.6
227	0.0	0.2	0.2

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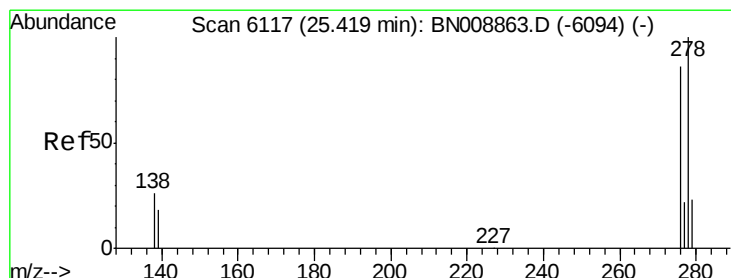
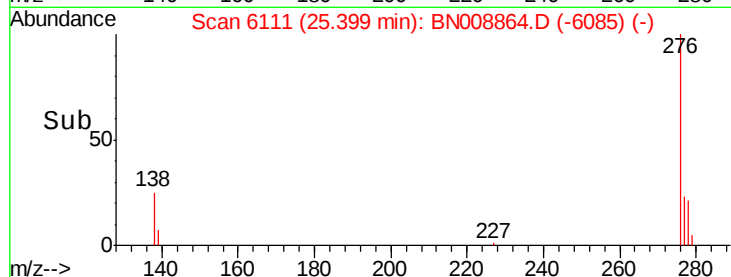
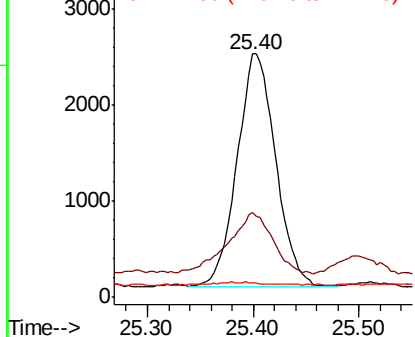


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.025 ng/ul
 RT: 25.41 min Scan# 6115
 Delta R.T. -0.01 min
 Lab File: BN008864.D
 Acq: 06 Dec 2019 17:50

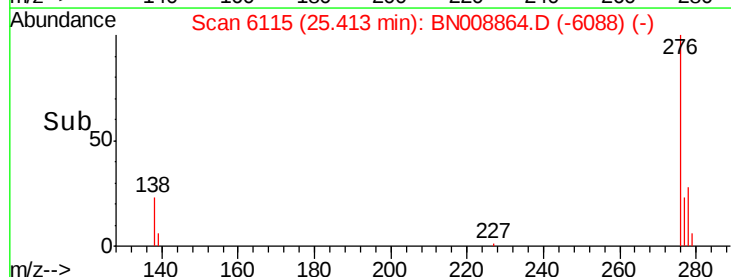
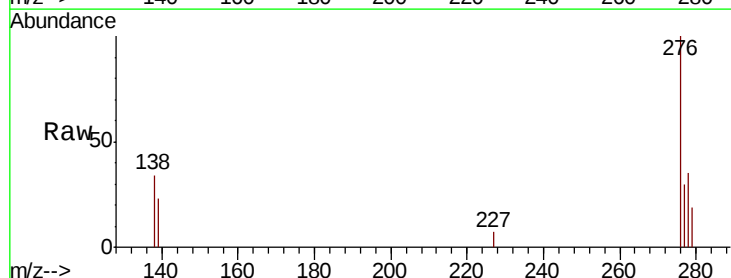
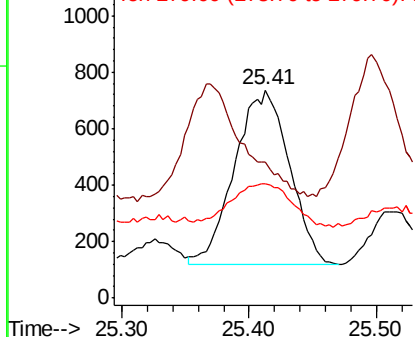
Tgt Ion	Ratio	Lower	Upper
278	100		
139	65.2	17.4	26.0
279	54.8	20.5	30.7

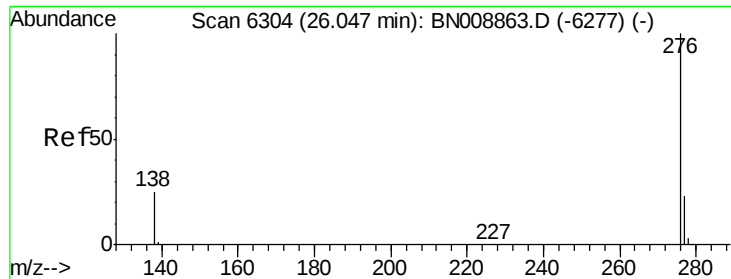
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





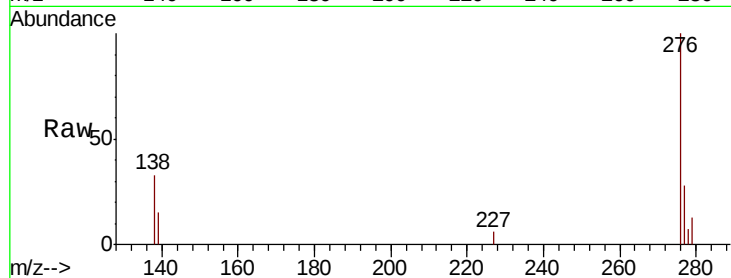
#26
 Benzo(a,h,i)perylene
 Concen: 0.070 ng/ul
 RT: 26.04 min Scan# 6303
 Delta R.T. -0.01 min
 Lab File: BN008864.D
 Acq: 06 Dec 2019 17:50

Instrument :
 BNA_N
 ClientSampleId :
 C0BL6

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	21.9	32.9#
277	28.2	19.9	29.9

Manual Integrations
 APPROVED

mohammad
 12/9/2019 3:07:38 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

