

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008865.D
 Acq On : 06 Dec 2019 18:26
 Operator : JU
 Sample : K6007-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL7

Manual Integrations
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mohammad
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Quant Time: Dec 06 23:08:54 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	2720	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	12330	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	8907	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	18054	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	16417	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	18699	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2978	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	8926	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	18921	0.509	ng/ul	100
5) 2-Methylnaphthalene	11.99	142	61830	2.382	ng/ul	100
9) Fluorene	15.25	166	9965	0.232	ng/ul#	93
12) Phenanthrene	16.98	178	85396	1.403	ng/ul	99
15) Fluoranthene	19.00	202	13935	0.186	ng/ul	93
17) Pyrene	19.37	202	19981	0.303	ng/ul	100
18) Benzo(a)anthracene	21.12	228	3159	0.048	ng/ul#	3
19) Chrysene	21.17	228	24781	0.382	ng/ul#	87
21) Benzo(b)fluoranthene	22.65	252	19457m	0.252	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	1781m	0.023	ng/ul	
23) Benzo(a)pyrene	23.20	252	3044	0.042	ng/ul#	39
24) Indeno(1,2,3-cd)pyrene	25.40	276	3151	0.037	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.41	278	2783	0.041	ng/ul#	12
26) Benzo(g,h,i)perylene	26.05	276	8116	0.115	ng/ul	92

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

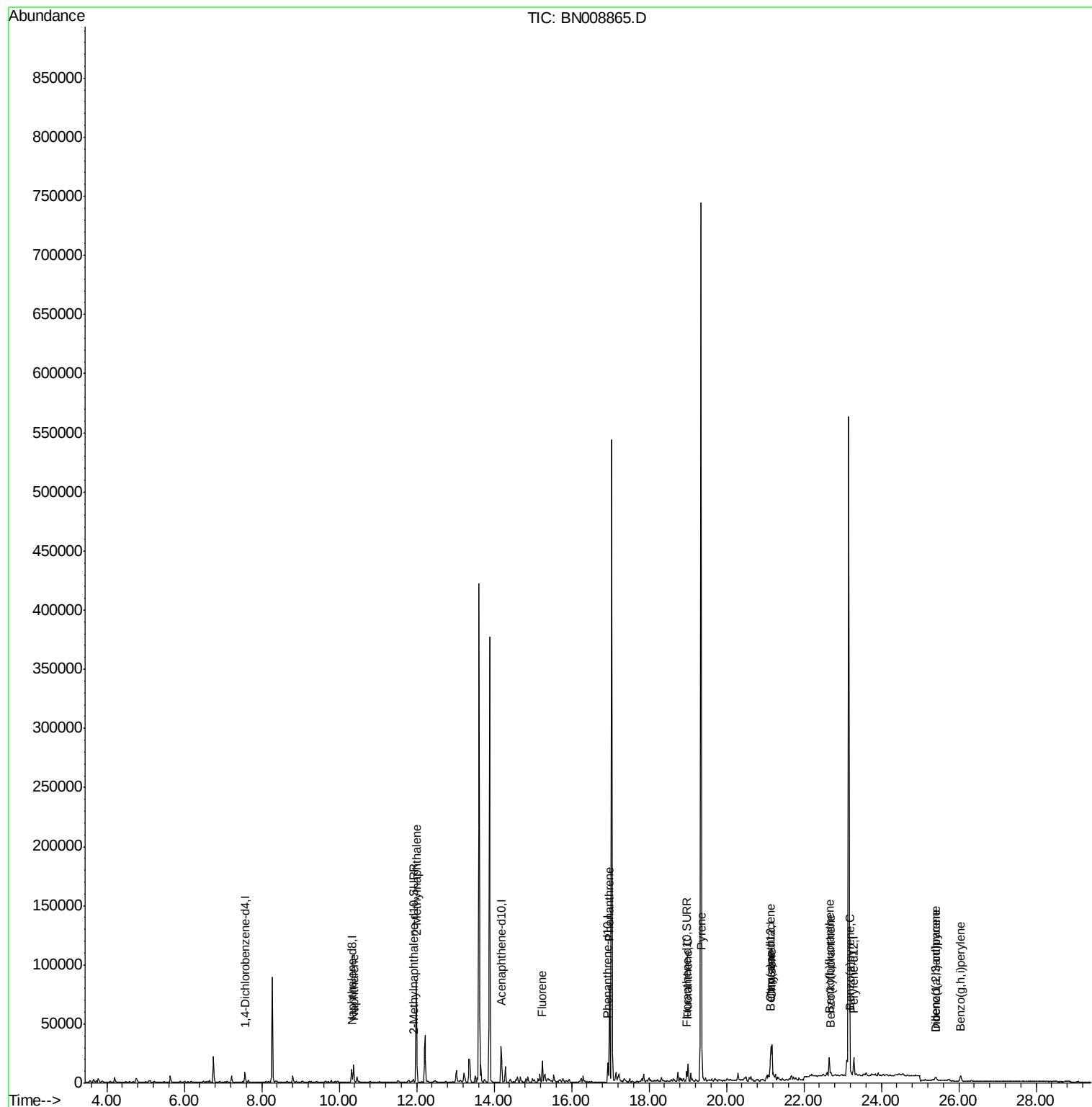
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008865.D
Acq On : 06 Dec 2019 18:26
Operator : JU
Sample : K6007-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

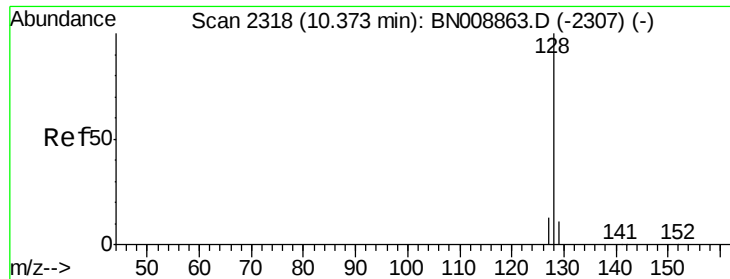
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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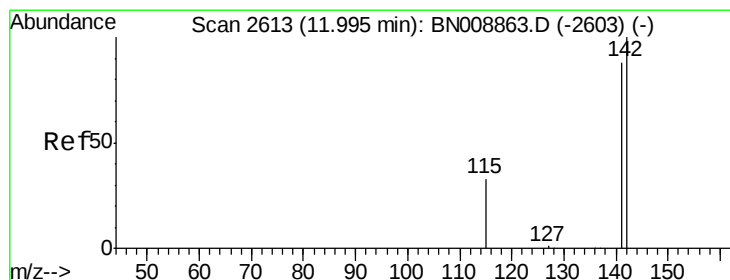
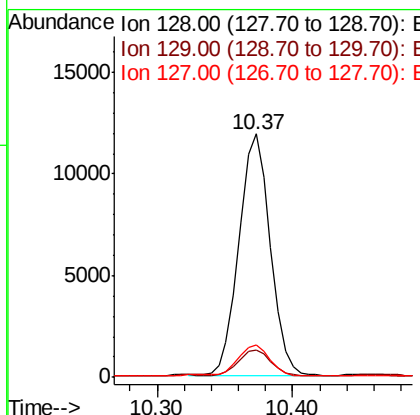
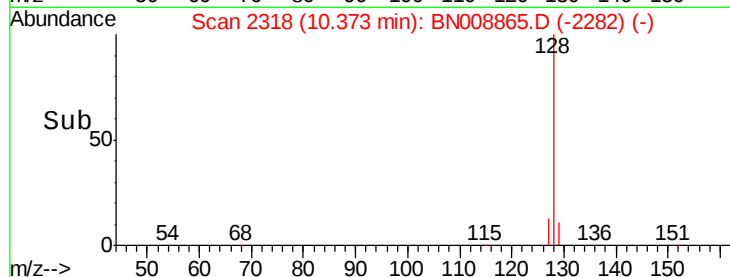
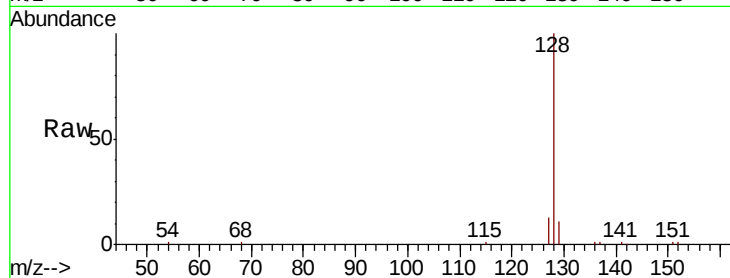
#3
Naphthalene
Concen: 0.509 ng/ul
RT: 10.37 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN008865.D
Acq: 06 Dec 2019 18:26

Instrument :
BNA_N
ClientSampleId :
C0BL7

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.1	10.7	16.1

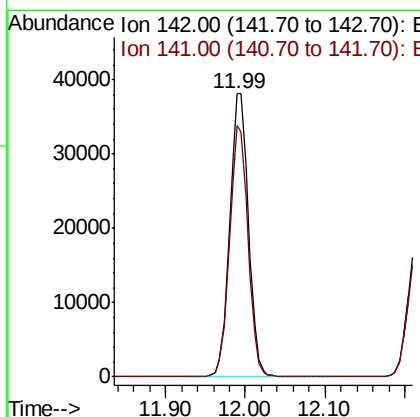
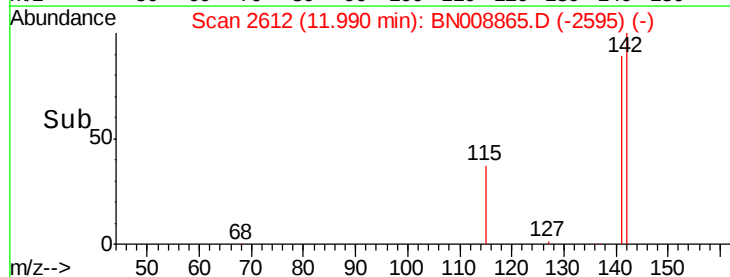
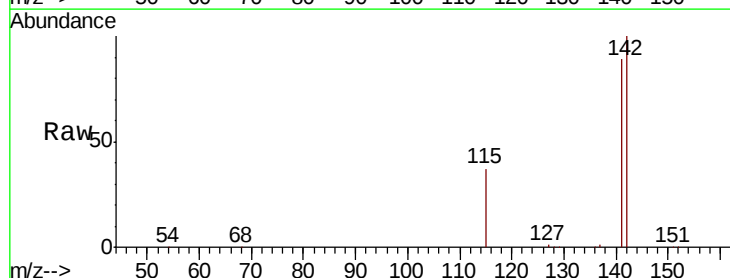
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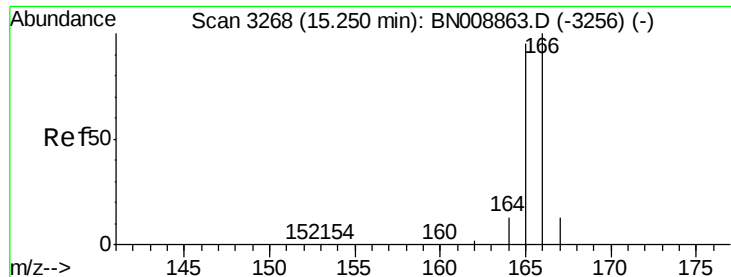
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#5
2-Methylnaphthalene
Concen: 2.382 ng/ul
RT: 11.99 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BN008865.D
Acq: 06 Dec 2019 18:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.1	105.1





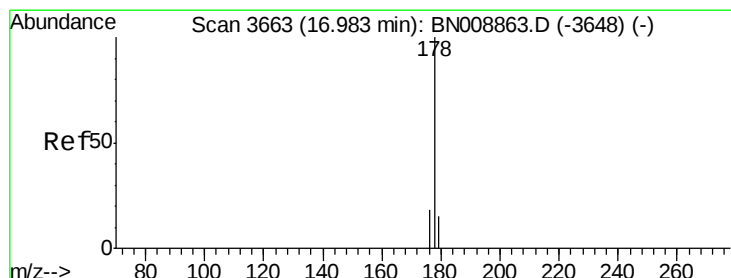
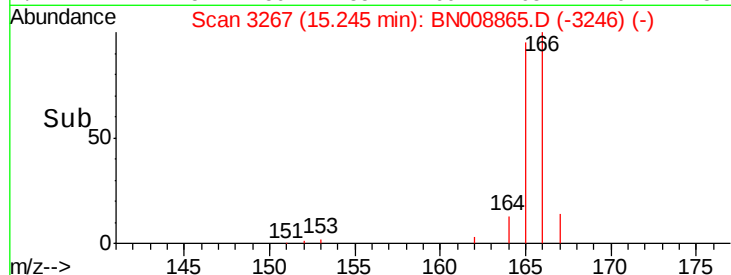
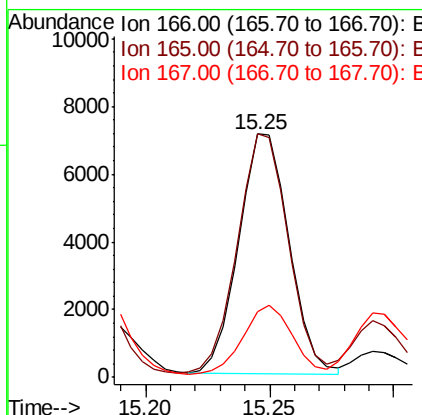
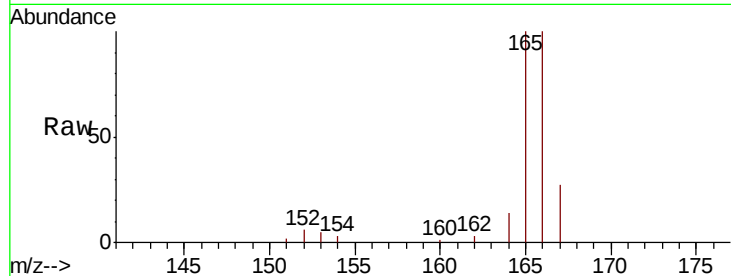
#9
Fluorene
 Concen: 0.232 ng/ul
 RT: 15.25 min Scan# 3267
 Delta R.T. -0.00 min
 Lab File: BN008865.D
 Acq: 06 Dec 2019 18:26

Instrument :
 BNA_N
 ClientSampleId :
 C0BL7

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.7	116.5
167	27.0	11.1	16.7#

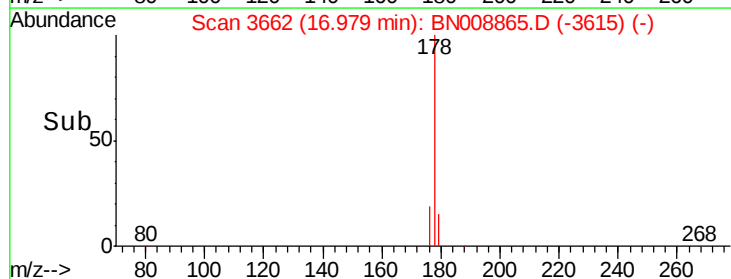
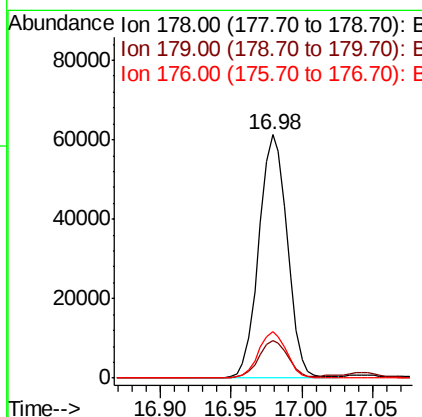
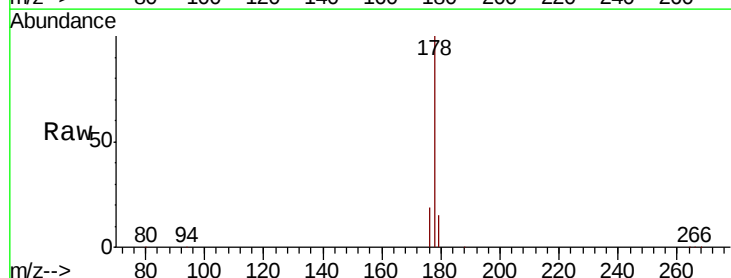
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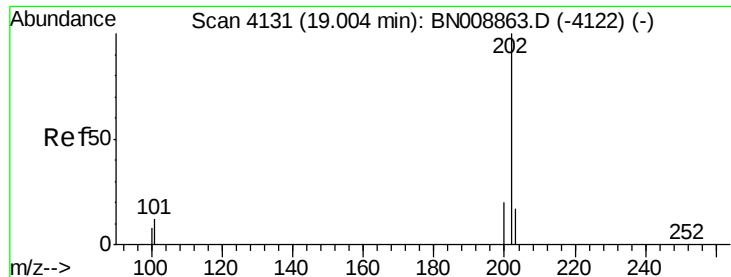
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#12
Phenanthrene
 Concen: 1.403 ng/ul
 RT: 16.98 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: BN008865.D
 Acq: 06 Dec 2019 18:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.9	15.3	22.9





#15

Fluoranthene

Concen: 0.186 ng/ul

RT: 19.00 min Scan# 4131

Delta R.T. -0.00 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Instrument :

BNA_N

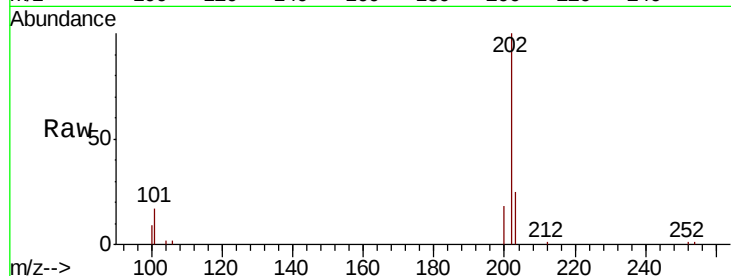
ClientSampleId :

C0BL7

Tot Ion:	202	Resp:	13935
Ion Ratio	Lower	Upper	
202	100		
101	16.6	0.0	32.4
100	8.7	0.0	29.2

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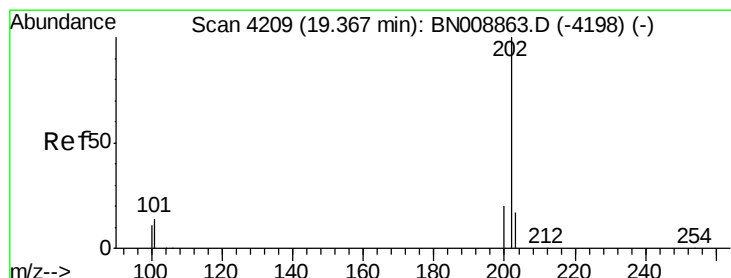
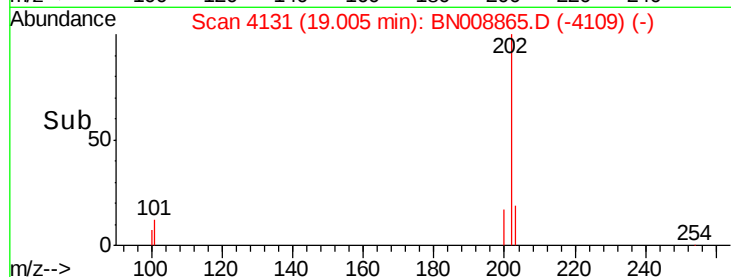
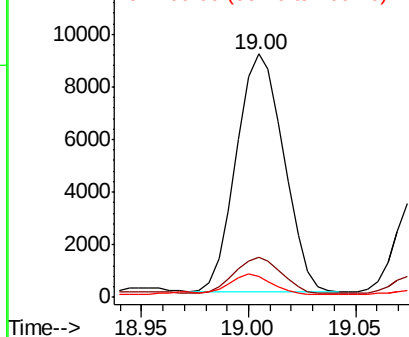


Abundance

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



#17

Pyrene

Concen: 0.303 ng/ul

RT: 19.37 min Scan# 4209

Delta R.T. -0.00 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

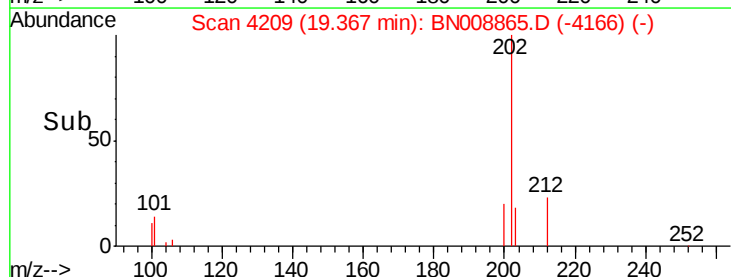
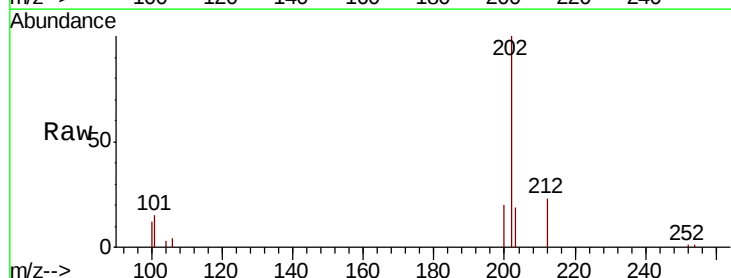
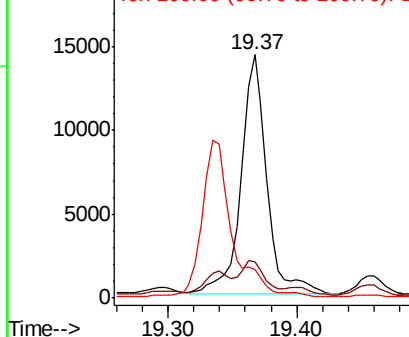
Tgt Ion:	202	Resp:	19981
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.2	18.4
100	12.0	9.5	14.3

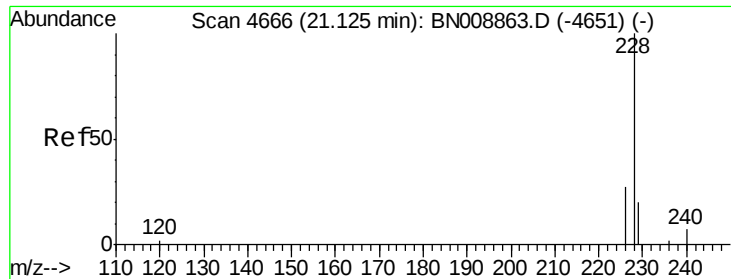
Abundance

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





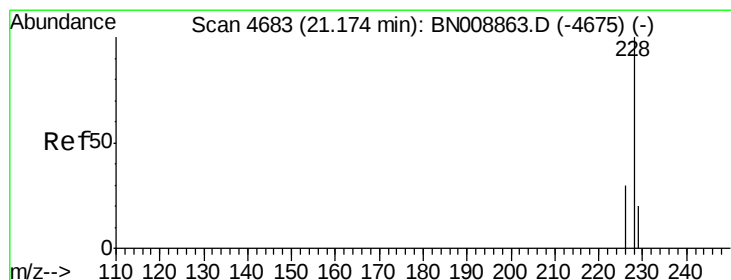
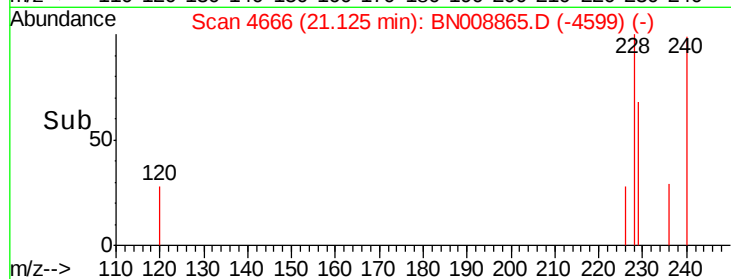
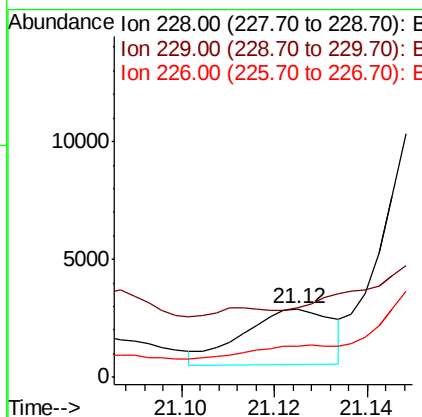
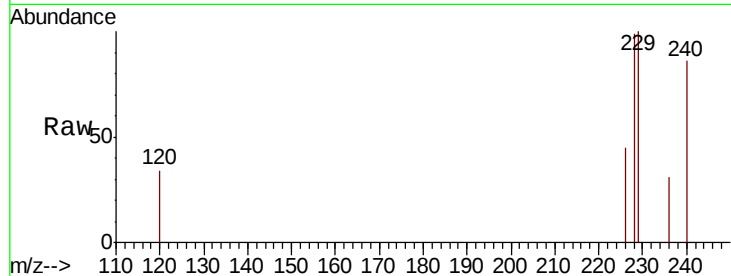
#18
Benzo(a)anthracene
Concen: 0.048 ng/ul
RT: 21.12 min Scan# 4666
Delta R.T. -0.00 min
Lab File: BN008865.D
Acq: 06 Dec 2019 18:26

Instrument :
BNA_N
ClientSampled :
C0BL7

Tot Ion	Ratio	Lower	Upper
228	100		
229	101.4	15.7	23.5#
226	46.1	21.5	32.3#

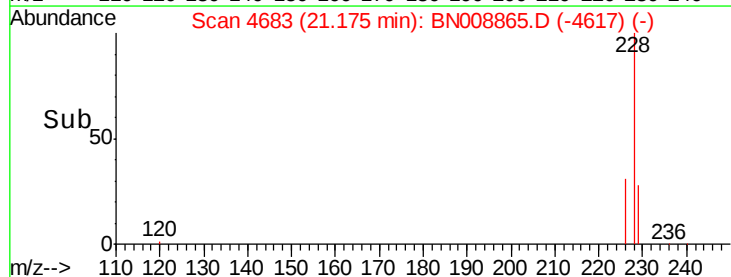
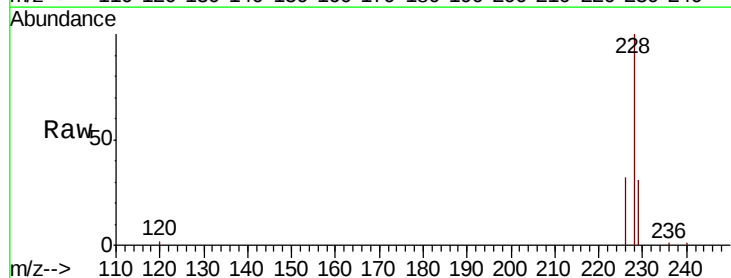
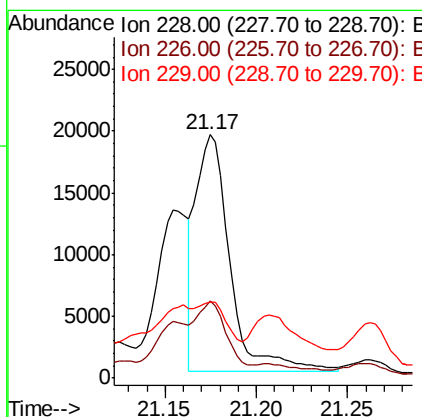
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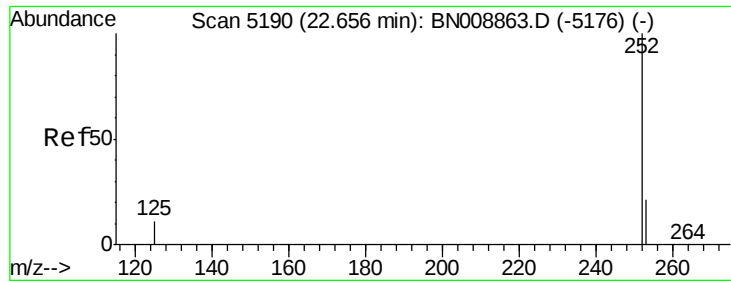
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#19
Chrysene
Concen: 0.382 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN008865.D
Acq: 06 Dec 2019 18:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.8	35.6
229	31.4	15.6	23.4#





#21

Benzo(b)fluoranthene

Concen: 0.252 ng/ul m

RT: 22.65 min Scan# 5189

Delta R.T. -0.01 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Instrument :

BNA_N

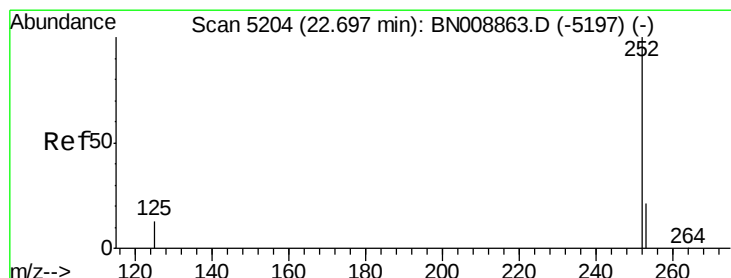
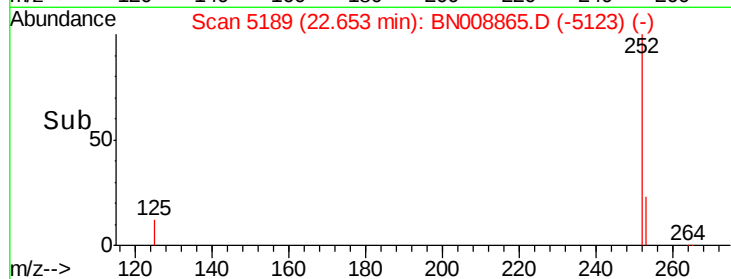
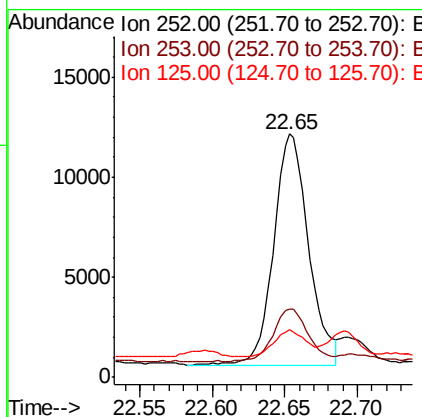
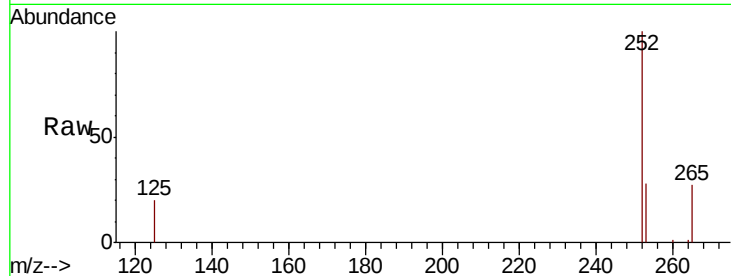
ClientSampleId :

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Tot Ion:	252	Resp:	19457
Ion Ratio	Lower	Upper	
252	100		
253	28.2	0.0	48.6
125	19.6	0.0	31.6

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#22

Benzo(k)fluoranthene

Concen: 0.023 ng/ul m

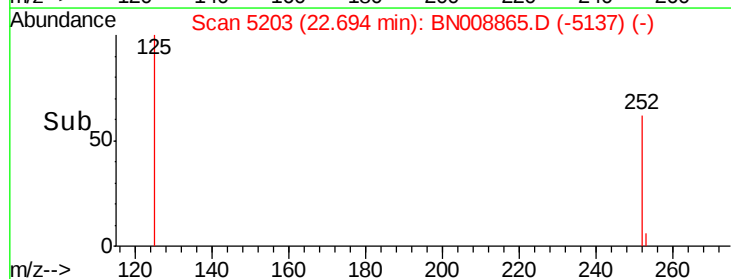
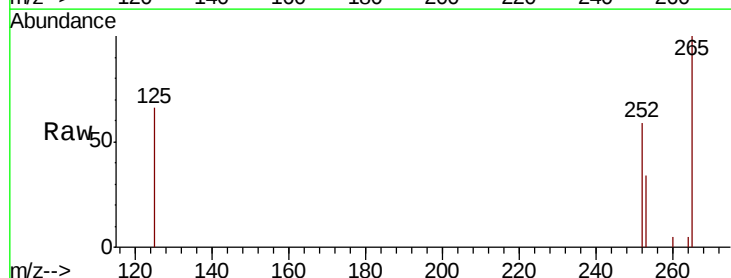
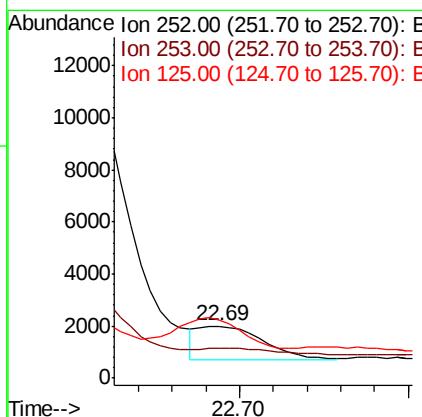
RT: 22.69 min Scan# 5203

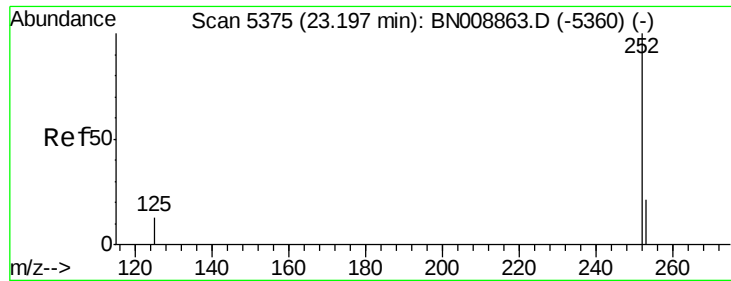
Delta R.T. -0.01 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Tgt Ion:	252	Resp:	1781
Ion Ratio	Lower	Upper	
252	100		
253	58.1	19.6	29.4#
125	111.8	13.8	20.6#





#23

Benzo(a)pyrene

Concen: 0.042 ng/u1

RT: 23.20 min Scan# 5375

Delta R.T. -0.00 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Instrument :

BNA_N

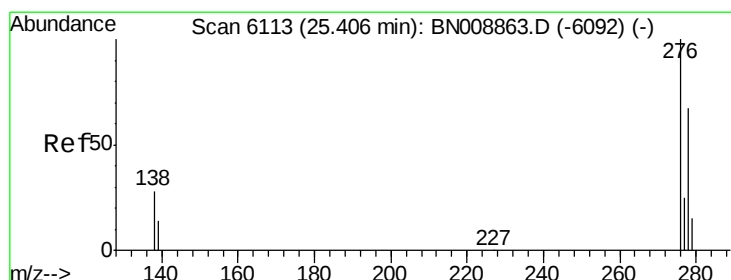
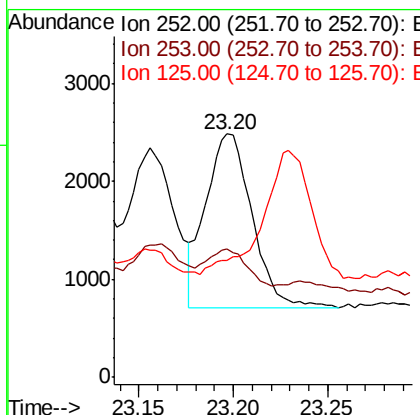
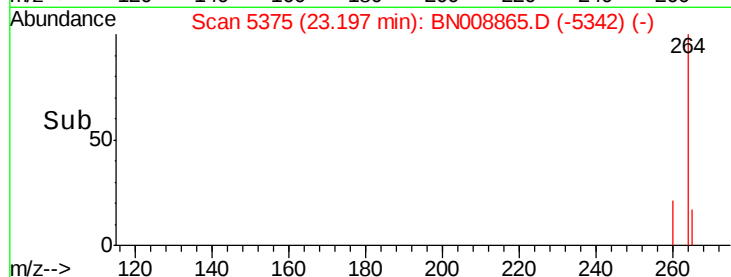
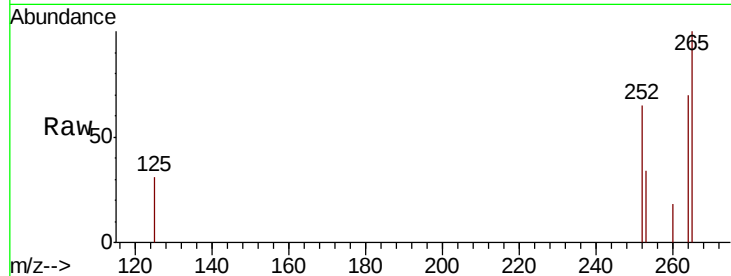
ClientSampleId :

C0BL7

Tot Ion:	252	Resp:	3044
Ion Ratio	Lower	Upper	
252	100		
253	52.8	19.9	29.9#
125	48.1	14.6	22.0#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.037 ng/u1

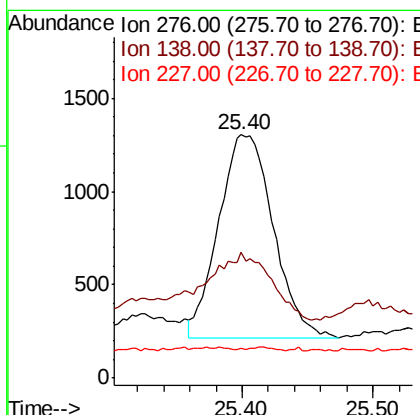
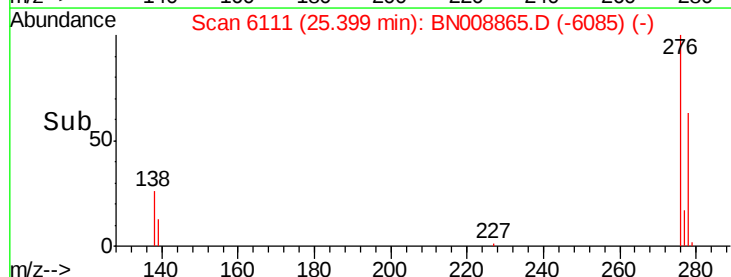
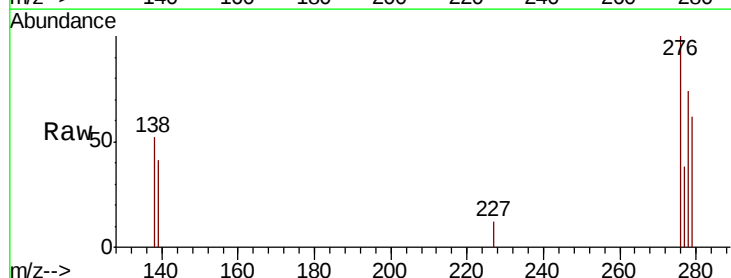
RT: 25.40 min Scan# 6111

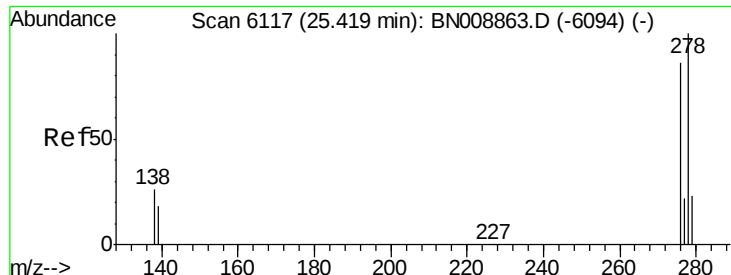
Delta R.T. -0.01 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Tgt Ion:	276	Resp:	3151
Ion Ratio	Lower	Upper	
276	100		
138	35.5	23.8	35.6
227	0.7	0.2	0.2#





#25

Dibenzo(a,h)anthracene

Concen: 0.041 ng/ul

RT: 25.41 min Scan# 6115

Delta R.T. -0.01 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Instrument :

BNA_N

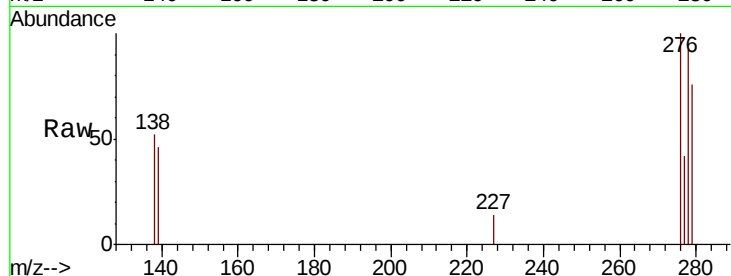
ClientSampleId :

C0BL7

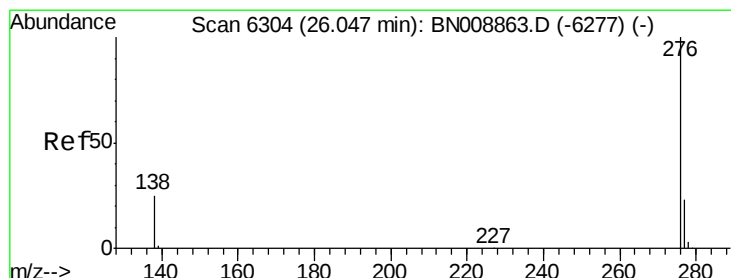
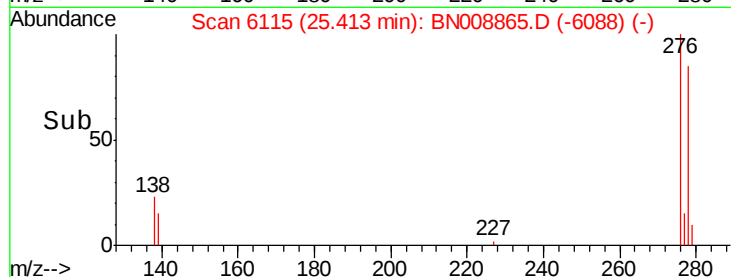
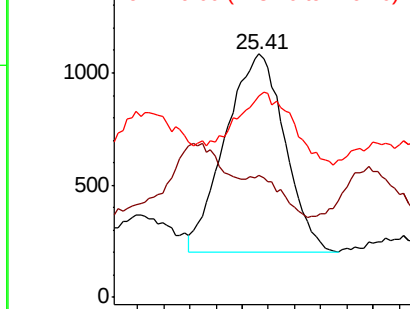
Tot Ion:	278	Resp:	2783
Ion Ratio	Lower	Upper	
278	100		
139	50.0	17.4	26.0#
279	82.5	20.5	30.7#

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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(g,h,i)perylene

Concen: 0.115 ng/ul

RT: 26.05 min Scan# 6304

Delta R.T. -0.01 min

Lab File: BN008865.D

Acq: 06 Dec 2019 18:26

Tgt Ion:	276	Resp:	8116
Ion Ratio	Lower	Upper	
276	100		
138	30.8	21.9	32.9
277	29.5	19.9	29.9

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

