

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009227.D
 Acq On : 28 Dec 2019 14:30
 Operator : JU
 Sample : K6278-22DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C92DL

Manual Integrations
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 12/29/2019 5:32:24 PM

Quant Time: Dec 29 04:28:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 03:34:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2336	0.40	ng/ul	0.00
2) Naphthalene-d8	10.27	136	8637	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4830	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9481	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7168	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	7572	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	470	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.93	212	953	0.03	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.31	128	8205	0.313	ng/ul	98
5) 2-Methylnaphthalene	11.93	142	10015	0.506	ng/ul	99
7) Acenaphthylene	13.86	152	829	0.033	ng/ul#	54
9) Fluorene	15.20	166	744	0.032	ng/ul#	56
12) Phenanthrene	16.93	178	18468	0.560	ng/ul	94
13) Anthracene	17.02	178	1157	0.039	ng/ul#	34
15) Fluoranthene	18.96	202	9013	0.239	ng/ul	95
17) Pyrene	19.32	202	8499	0.232	ng/ul#	95
18) Benzo(a)anthracene	21.08	228	4139	0.130	ng/ul#	35
19) Chrysene	21.12	228	10145	0.317	ng/ul#	56
21) Benzo(b)fluoranthene	22.59	252	7172m	0.203	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	2245m	0.063	ng/ul	
23) Benzo(a)pyrene	23.13	252	3238	0.105	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.32	276	2752	0.082	ng/ul#	98
26) Benzo(g,h,i)perylene	25.95	276	2862	0.101	ng/ul#	11

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

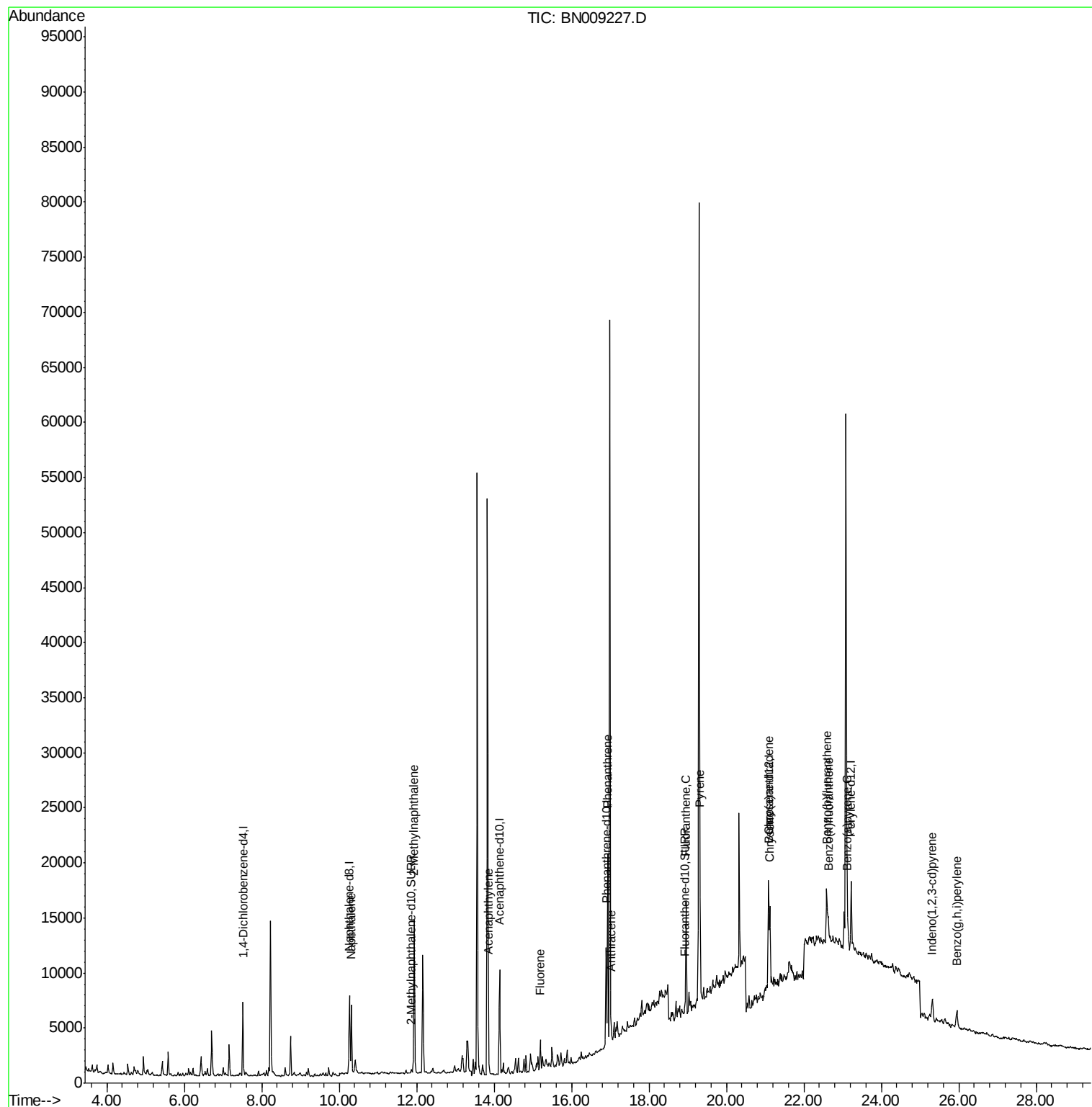
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009227.D
Acq On : 28 Dec 2019 14:30
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Sample : K6278-22DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

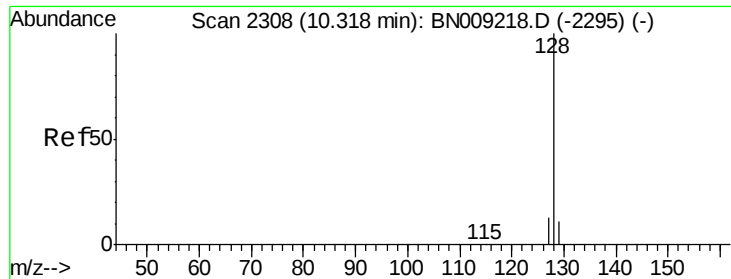
Instrument :
BNA_N
ClientSampleId :
C0C92DL

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Quant Time: Dec 29 04:28:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
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QLast Update : Sun Dec 29 03:34:38 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.313 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BN009227.D

Acq: 28 Dec 2019 14:30

Instrument :

BNA_N

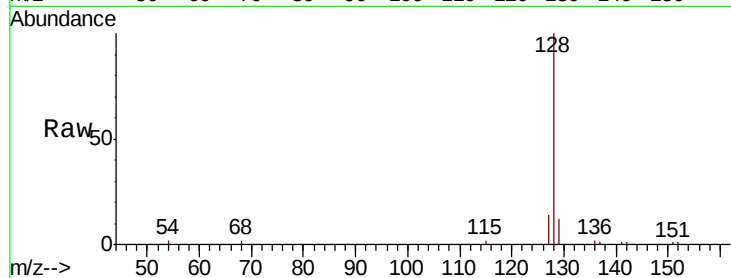
ClientSampleId :

C0C92DL

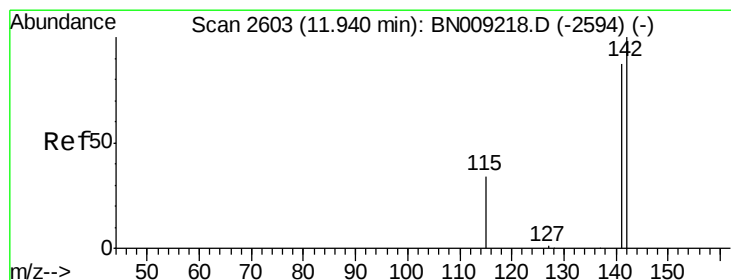
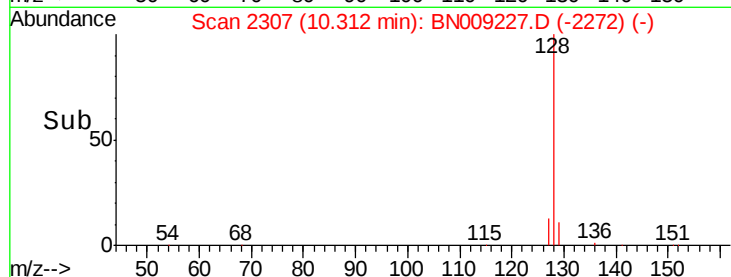
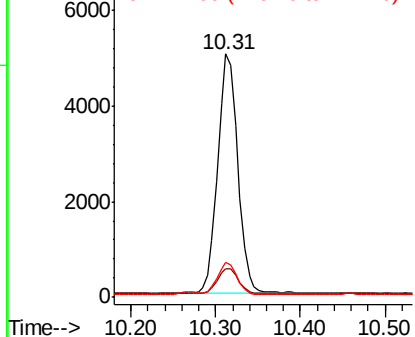
Tot Ion:	128	Resp:	8205
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.4
127	14.3	10.9	16.3

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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: 0.506 ng/ul

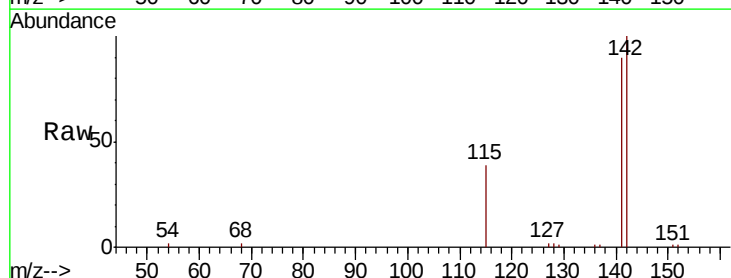
RT: 11.93 min Scan# 2602

Delta R.T. -0.01 min

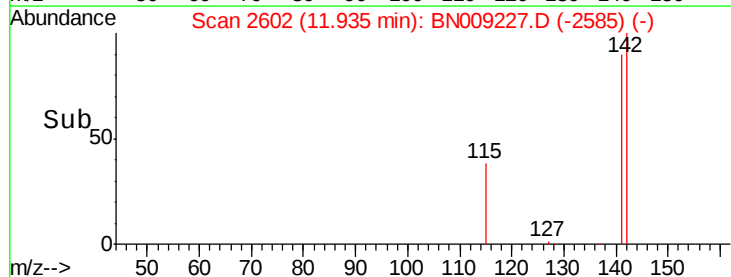
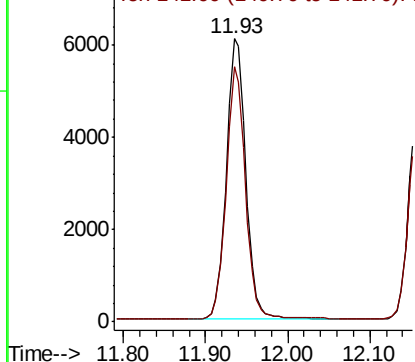
Lab File: BN009227.D

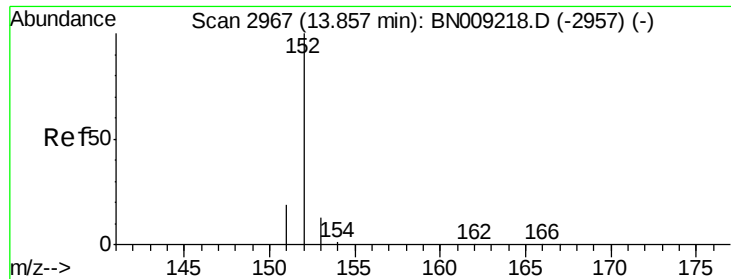
Acq: 28 Dec 2019 14:30

Tgt Ion:	142	Resp:	10015
Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 13.86 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BN009227.D

Acq: 28 Dec 2019 14:30

Instrument :

BNA_N

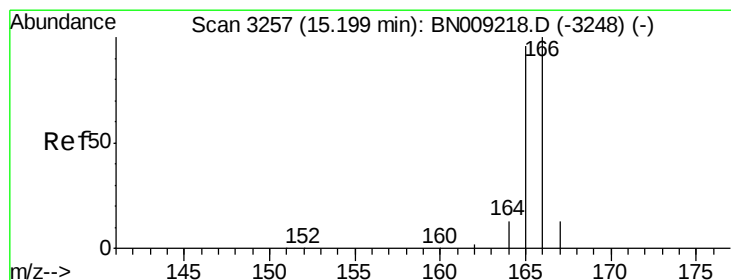
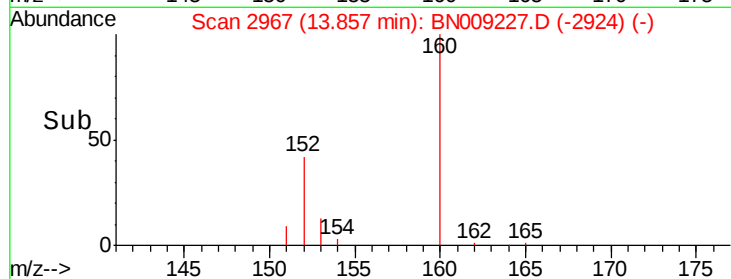
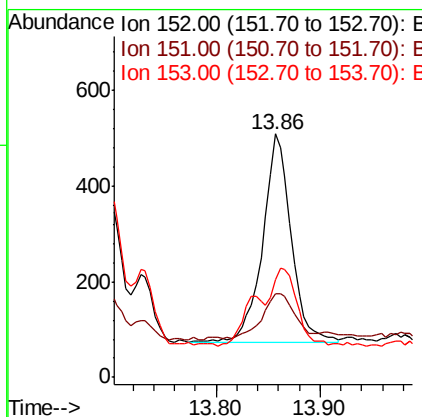
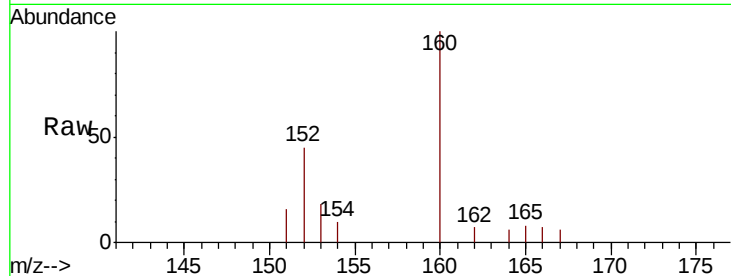
ClientSampleId :

C0C92DL

Tot Ion:	152	Resp:	829
Ion Ratio	Lower	Upper	
152	100		
151	34.6	15.7	23.5#
153	40.1	10.8	16.2#

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#9

Fluorene

Concen: 0.032 ng/ul

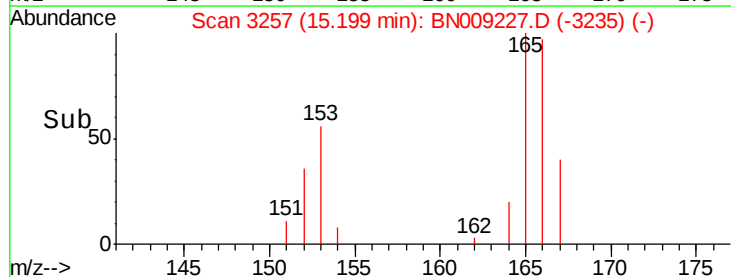
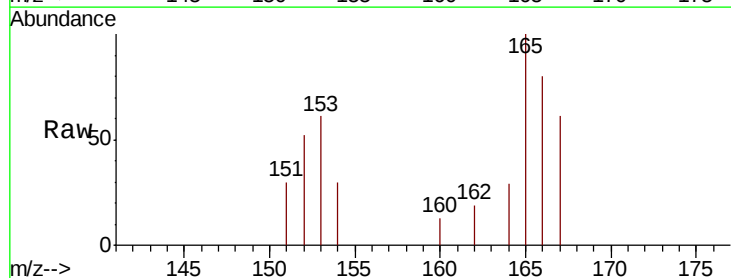
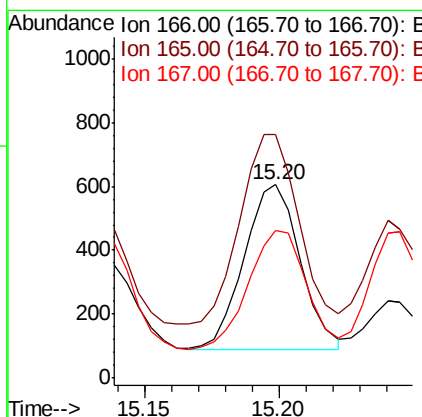
RT: 15.20 min Scan# 3257

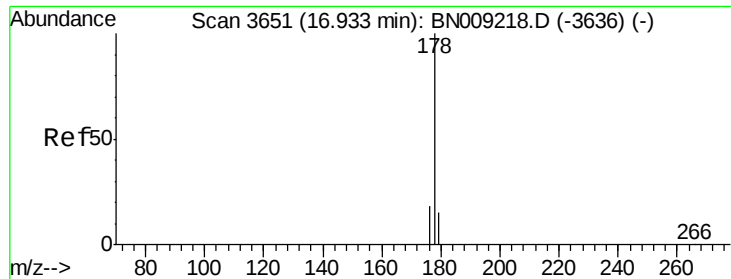
Delta R.T. -0.00 min

Lab File: BN009227.D

Acq: 28 Dec 2019 14:30

Tgt Ion:	166	Resp:	744
Ion Ratio	Lower	Upper	
166	100		
165	125.6	78.2	117.4#
167	76.4	11.0	16.6#





#12

Phenanthrene

Concen: 0.560 ng/ul

RT: 16.93 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BN009227.D

Acq: 28 Dec 2019 14:30

Instrument :

BNA_N

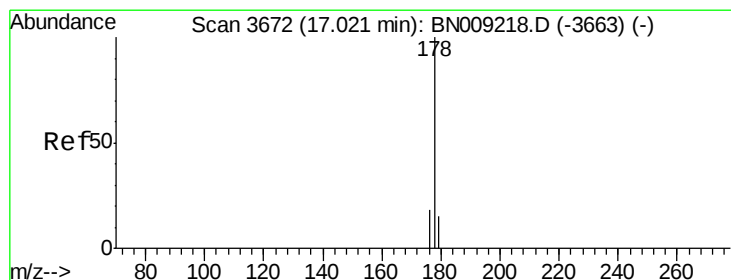
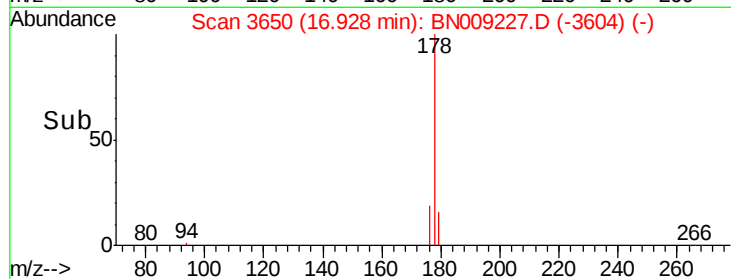
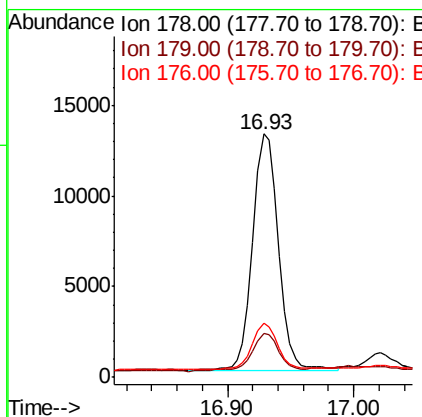
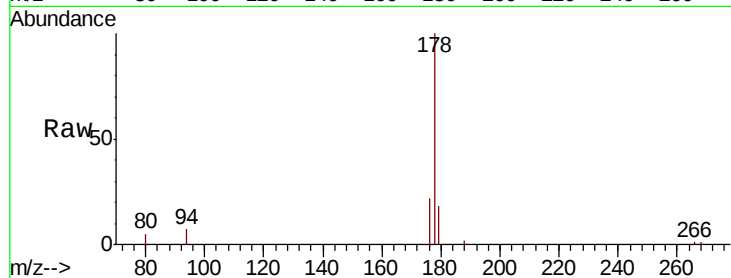
ClientSampleId :

C0C92DL

Tot Ion:	178	Resp:	18468
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.3	18.5
176	22.0	15.1	22.7

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#13

Anthracene

Concen: 0.039 ng/ul

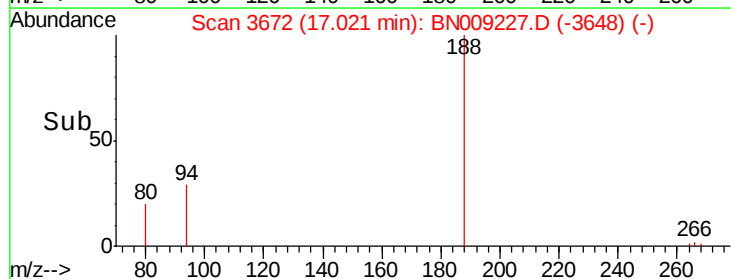
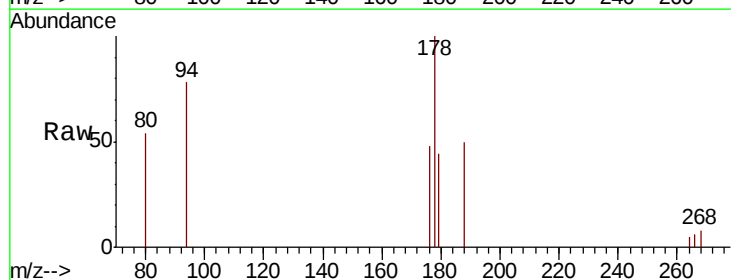
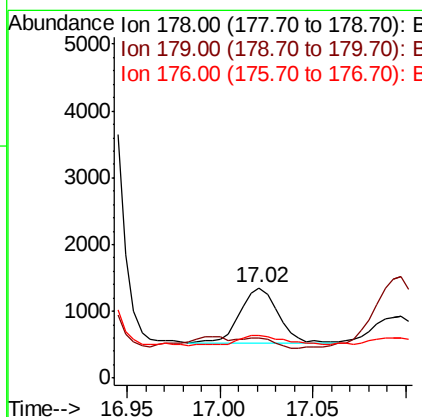
RT: 17.02 min Scan# 3672

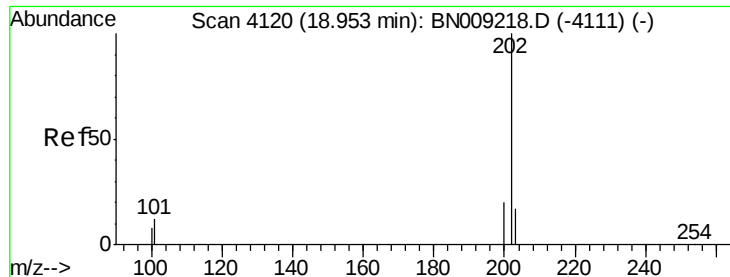
Delta R.T. -0.00 min

Lab File: BN009227.D

Acq: 28 Dec 2019 14:30

Tgt Ion:	178	Resp:	1157
Ion Ratio	Lower	Upper	
178	100		
179	44.0	12.5	18.7#
176	47.5	14.9	22.3#





#15

Fluoranthene

Concen: 0.239 ng/ul

RT: 18.96 min Scan# 4121

Delta R.T. 0.00 min

Lab File: BN009227.D

Acq: 28 Dec 2019 14:30

Instrument :

BNA_N

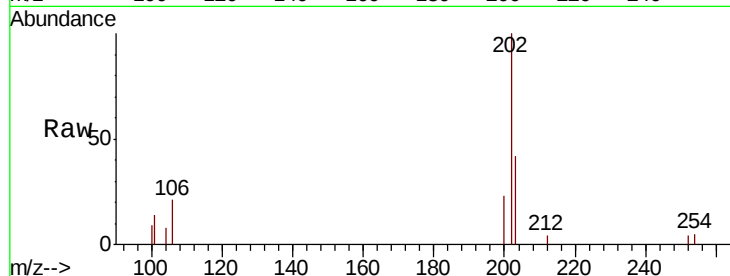
ClientSampleId :

C0C92DL

Tot Ion:	202	Resp:	9013
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	31.5
100	8.5	0.0	28.9

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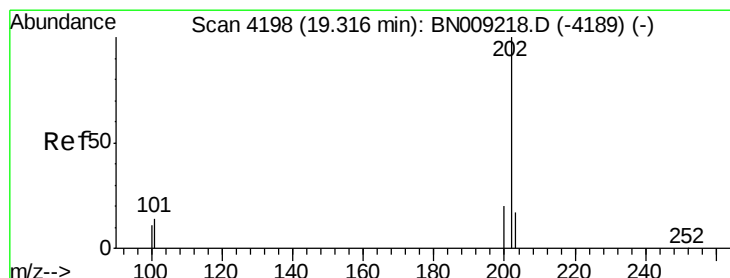
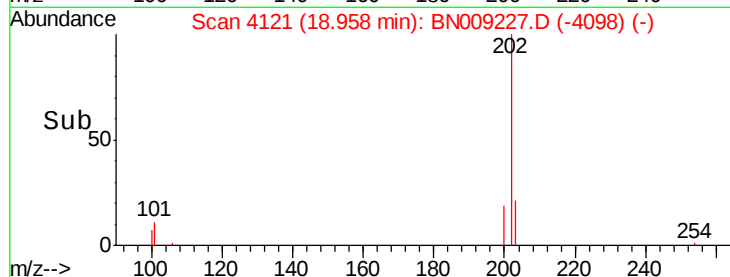
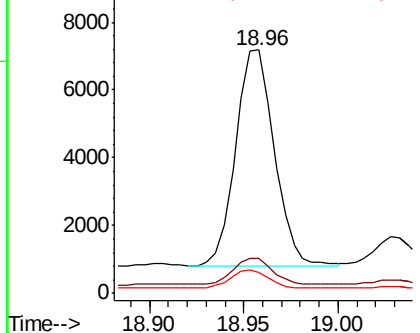
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.232 ng/ul

RT: 19.32 min Scan# 4198

Delta R.T. -0.00 min

Lab File: BN009227.D

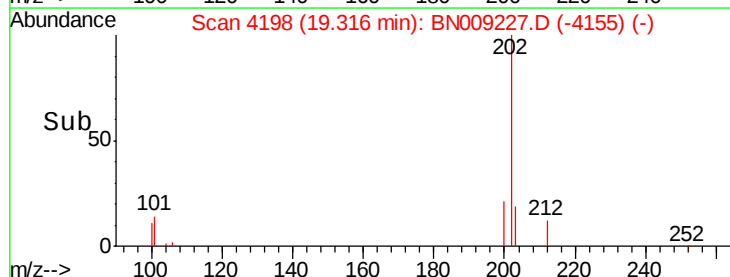
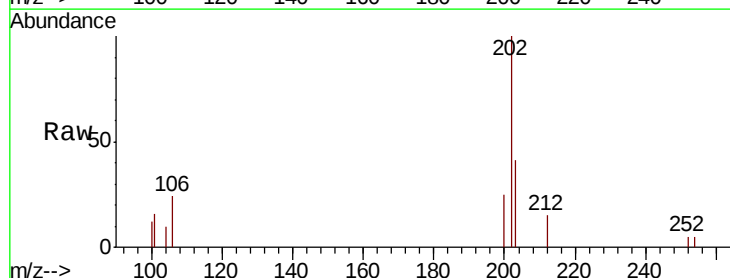
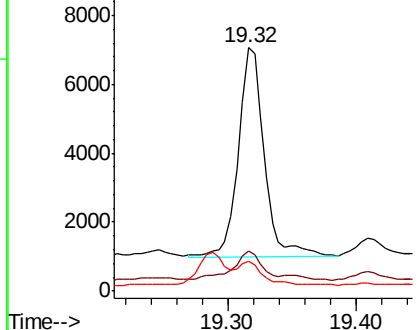
Acq: 28 Dec 2019 14:30

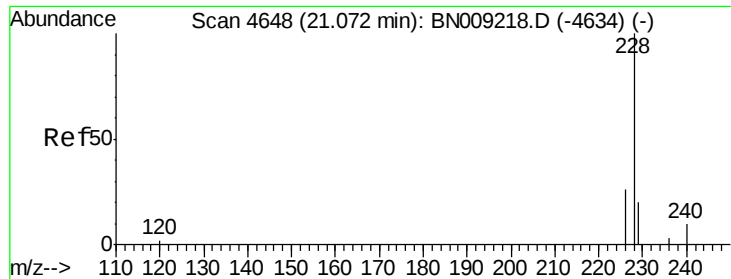
Tgt Ion:	202	Resp:	8499
Ion Ratio	Lower	Upper	
202	100		
101	16.4	10.9	16.3#
100	12.1	9.0	13.6

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





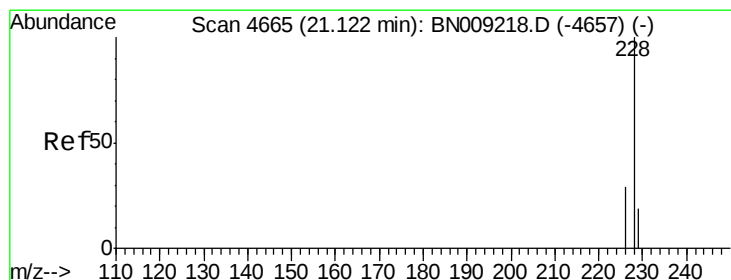
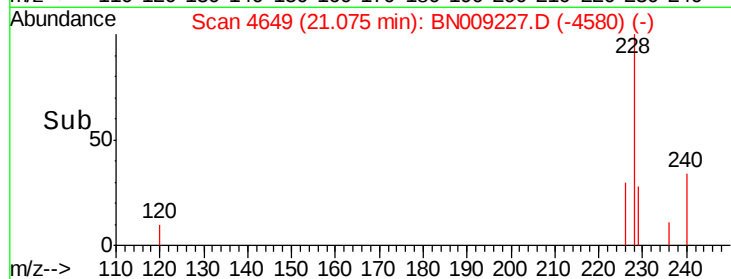
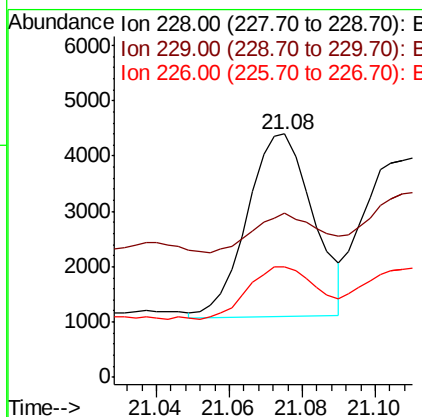
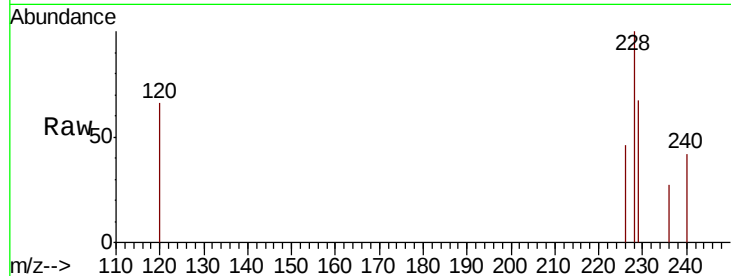
#18
Benzo(a)anthracene
Concen: 0.130 ng/ul
RT: 21.08 min Scan# 4649
Delta R.T. 0.00 min
Lab File: BN009227.D
Acq: 28 Dec 2019 14:30

Instrument :
BNA_N
ClientSampled :
C0C92DL

Tot Ion:228 Resp: 4139
Ion Ratio Lower Upper
228 100
229 67.4 15.5 23.3#
226 45.6 21.7 32.5#

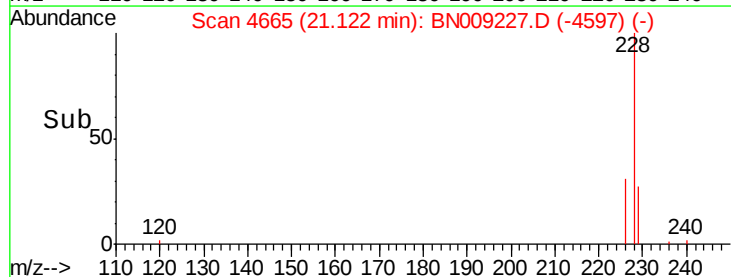
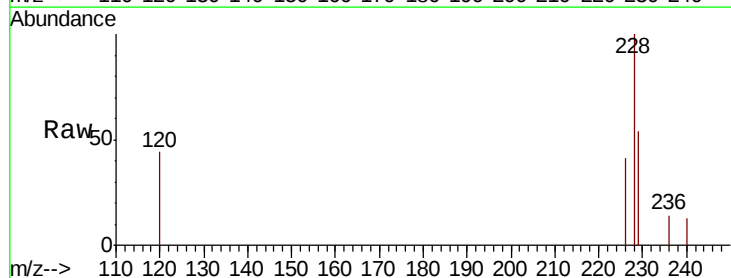
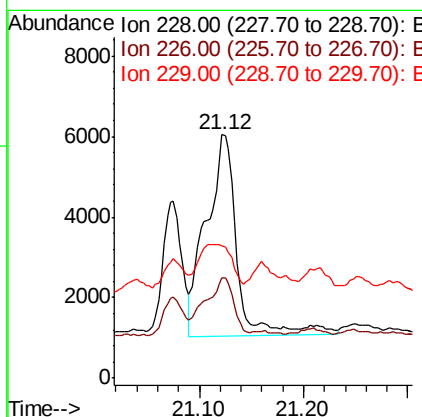
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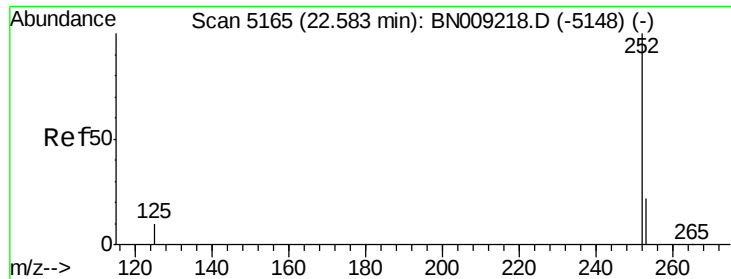
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#19
Chrysene
Concen: 0.317 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. -0.00 min
Lab File: BN009227.D
Acq: 28 Dec 2019 14:30

Tgt Ion:228 Resp: 10145
Ion Ratio Lower Upper
228 100
226 41.1 23.7 35.5#
229 54.4 15.4 23.0#





#21

Benzo(b)fluoranthene

Concen: 0.203 ng/ul m

RT: 22.59 min Scan# 5168

Delta R.T. 0.01 min

Lab File: BN009227.D

Acq: 28 Dec 2019 14:30

Instrument :

BNA_N

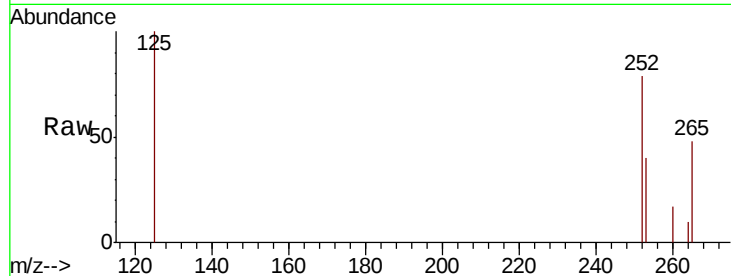
ClientSampleId :

C0C92DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.6	0.0	48.2#
125	126.0	0.0	30.0#

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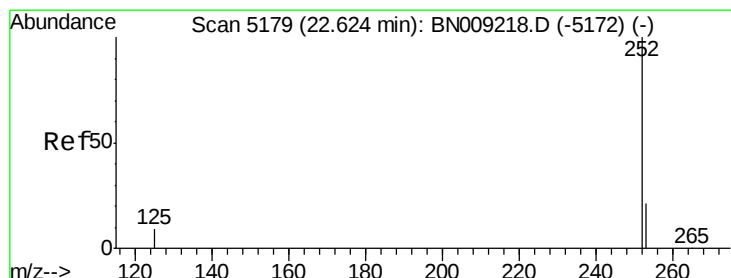
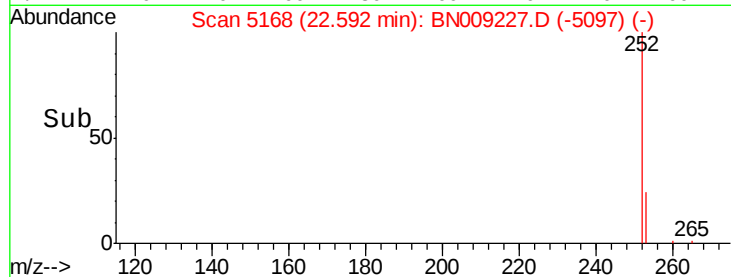
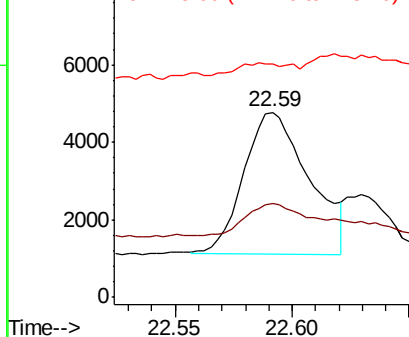


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.063 ng/ul m

RT: 22.63 min Scan# 5181

Delta R.T. 0.01 min

Lab File: BN009227.D

Acq: 28 Dec 2019 14:30

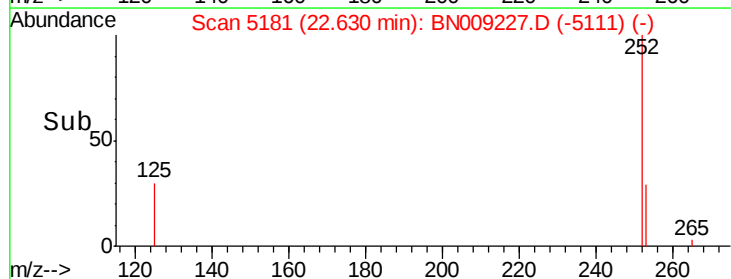
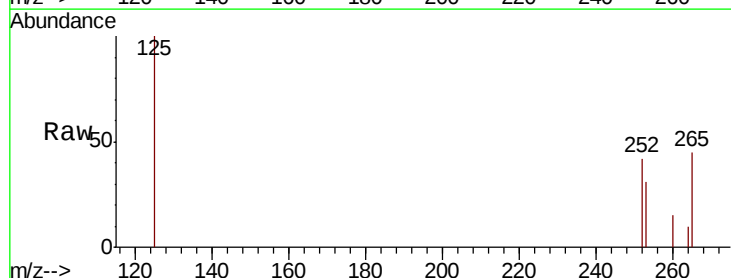
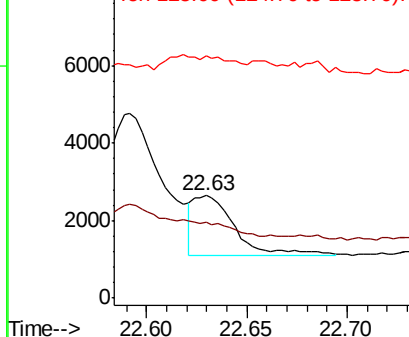
Tgt Ion	Ratio	Lower	Upper
252	100		
253	74.0	19.4	29.0#
125	236.1	12.4	18.6#

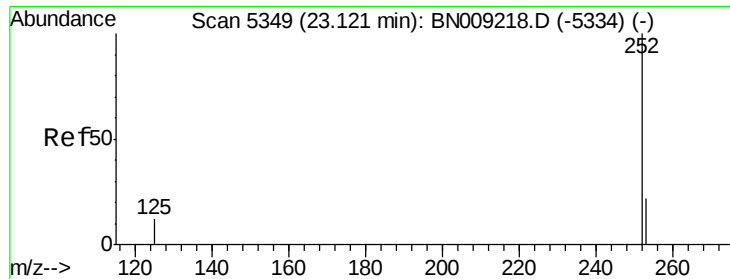
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.105 ng/u1

RT: 23.13 min Scan# 5352

Delta R.T. 0.01 min

Lab File: BN009227.D

Acq: 28 Dec 2019 14:30

Instrument :

BNA_N

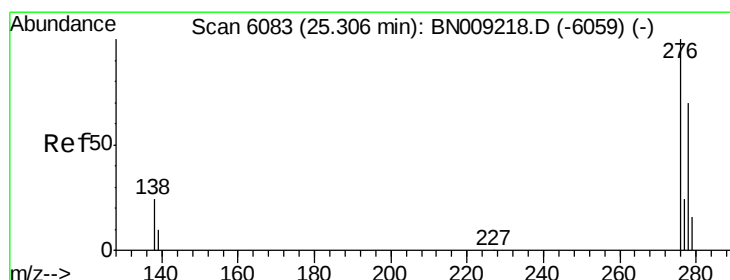
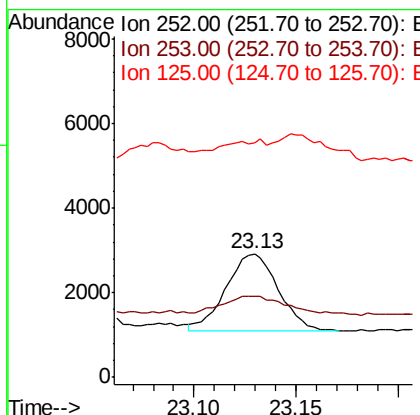
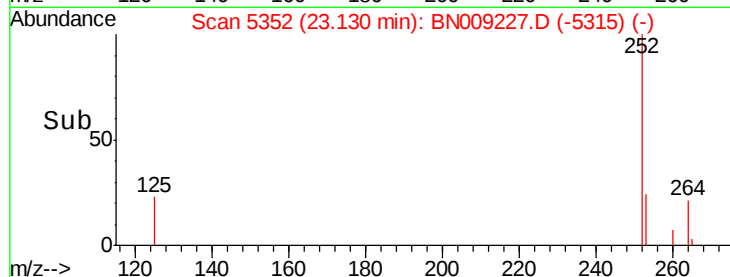
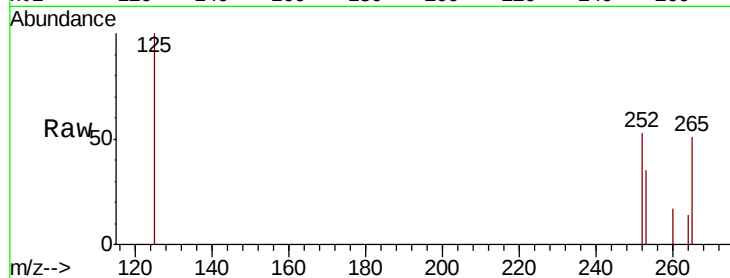
ClientSampleId :

C0C92DL

Tot Ion:	252	Resp:	3238
Ion Ratio	Lower	Upper	
252	100		
253	65.8	20.2	30.4#
125	189.8	13.2	19.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.082 ng/u1

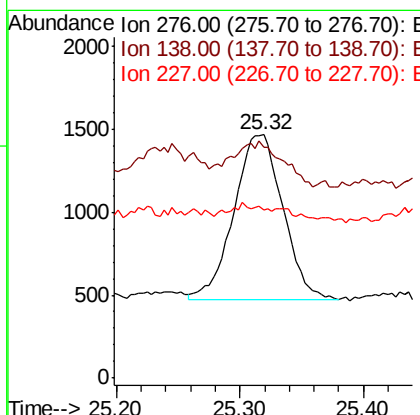
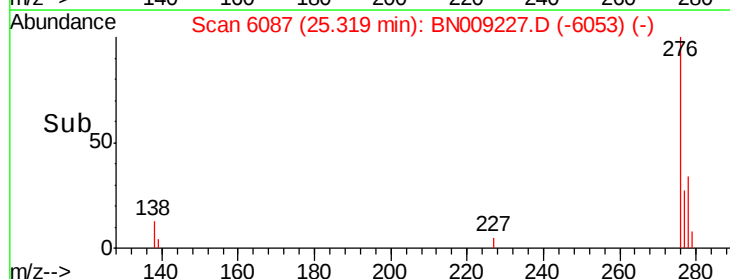
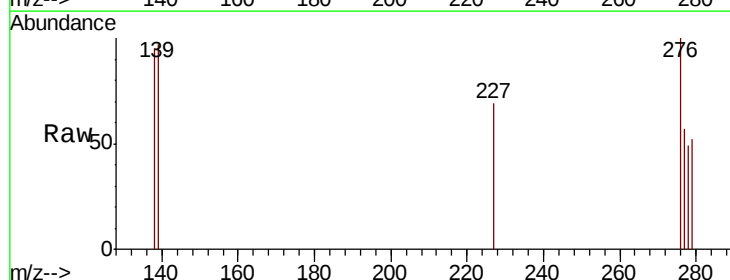
RT: 25.32 min Scan# 6087

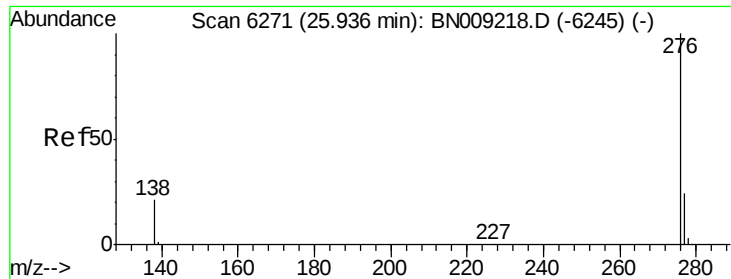
Delta R.T. 0.01 min

Lab File: BN009227.D

Acq: 28 Dec 2019 14:30

Tgt Ion:	276	Resp:	2752
Ion Ratio	Lower	Upper	
276	100		
138	26.9	22.4	33.6
227	8.6	0.2	0.4#





#26
 Benzo(a,h,i)perylene
 Concen: 0.101 ng/ul
 RT: 25.95 min Scan# 6274
 Delta R.T. 0.01 min
 Lab File: BN009227.D
 Acq: 28 Dec 2019 14:30

Instrument :
 BNA_N
 ClientSampleID :
 C0C92DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	85.4	20.6	30.8#
277	53.5	19.6	29.4#

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:32:24 PM

