

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009069.D
 Acq On : 20 Dec 2019 15:42
 Operator : JU
 Sample : K6171-07DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BS9DL

Manual Integrations
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mohammad
 12/23/2019 11:54:21 AM

Quant Time: Dec 20 23:09:23 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 : Fri Dec 20 22:55:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4037	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	15430	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8205	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	16204	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9018	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	8315	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	1281	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	2337	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.34	128	1421	0.030	ng/ul#	87
5) 2-Methylnaphthalene	11.96	142	1093	0.031	ng/ul	96
7) Acenaphthylene	13.88	152	1295	0.030	ng/ul#	87
9) Fluorene	15.22	166	1270	0.032	ng/ul#	98
12) Phenanthrene	16.95	178	28019	0.497	ng/ul	100
13) Anthracene	17.04	178	4441	0.088	ng/ul	96
15) Fluoranthene	18.98	202	61479	0.954	ng/ul	98
17) Pyrene	19.34	202	48600	1.056	ng/ul	99
18) Benzo(a)anthracene	21.10	228	17873	0.446	ng/ul	96
19) Chrysene	21.15	228	20334	0.505	ng/ul	96
21) Benzo(b)fluoranthene	22.63	252	23019m	0.593	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	8861m	0.226	ng/ul	
23) Benzo(a)pyrene	23.16	252	15659	0.460	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.36	276	11189	0.302	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.36	278	2660	0.090	ng/ul#	59
26) Benzo(a,h,i)perylene	25.99	276	12128	0.389	ng/ul	96

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

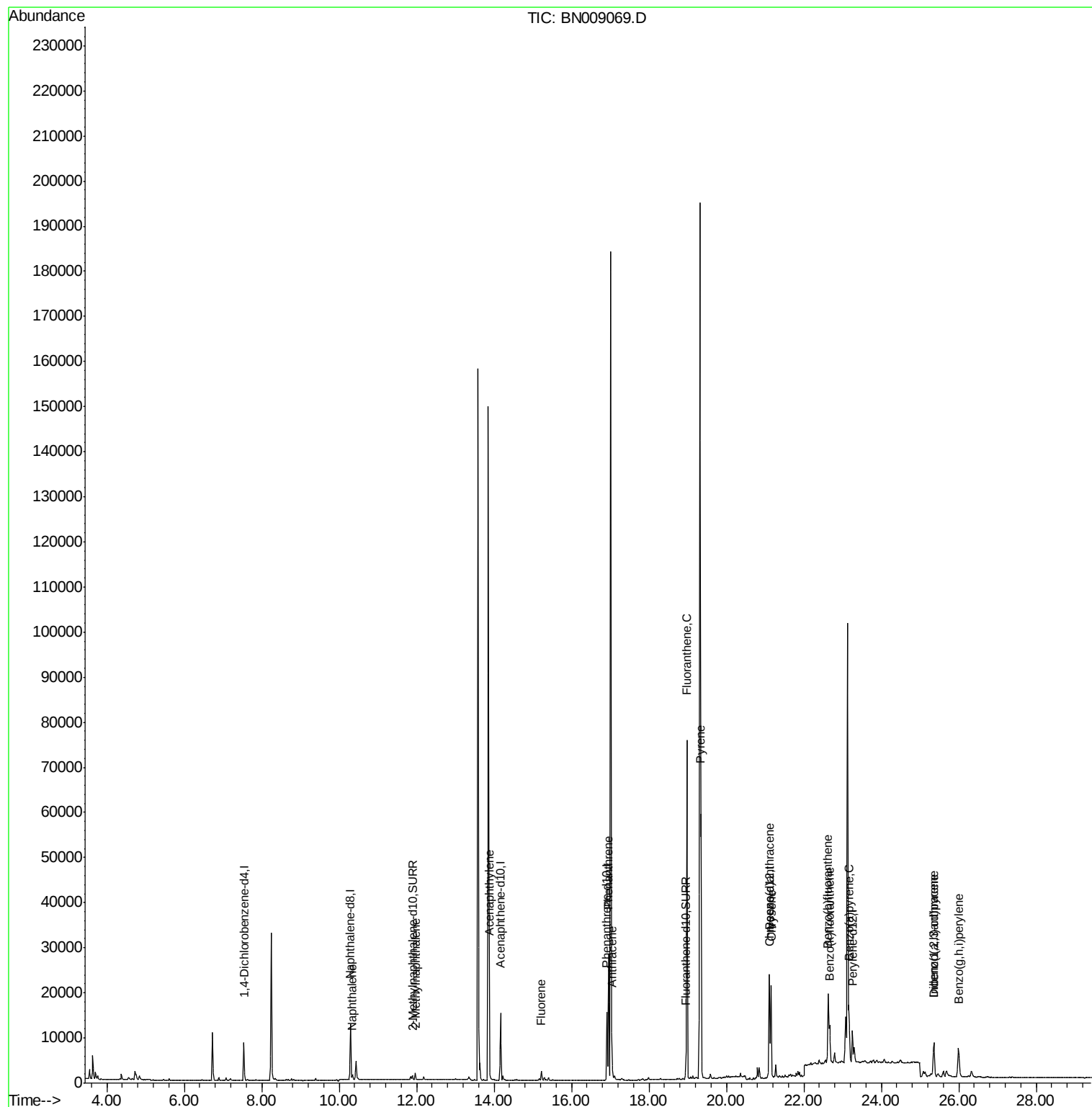
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009069.D
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Sample : K6171-07DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

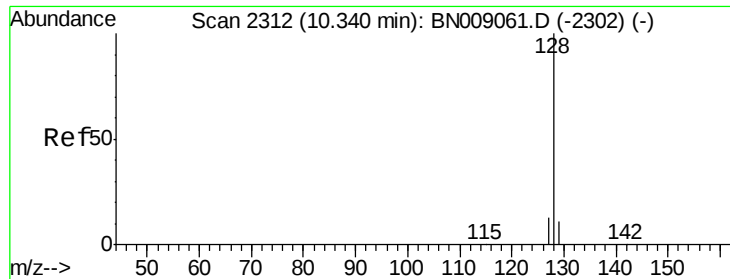
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 20 23:09:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 22:55:30 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.030 ng/ul

RT: 10.34 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BN009069.D

Acq: 20 Dec 2019 15:42

Instrument :

BNA_N

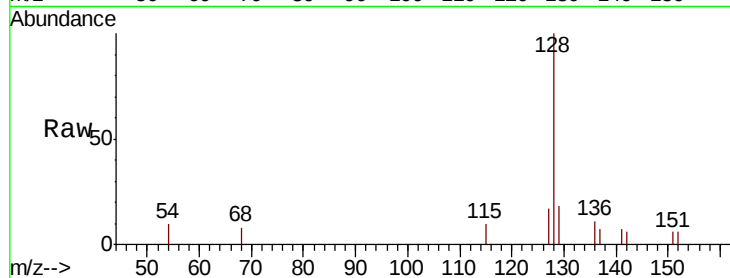
ClientSampleId :

C0BS9DL

Tot Ion:	128	Resp:	1421
Ion Ratio	Lower	Upper	
128	100		
129	18.4	9.0	13.4#
127	17.1	10.9	16.3#

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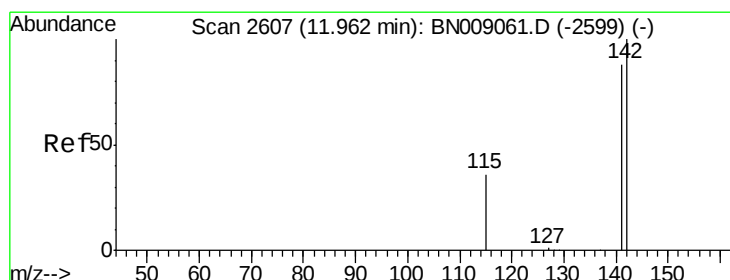
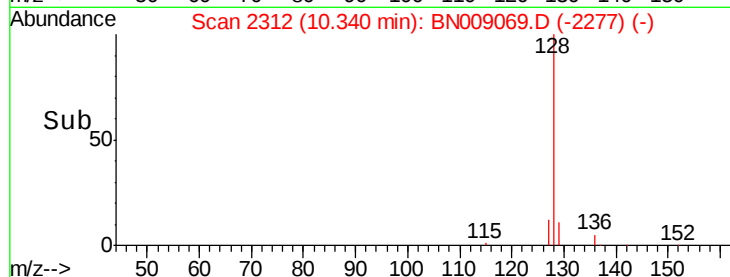
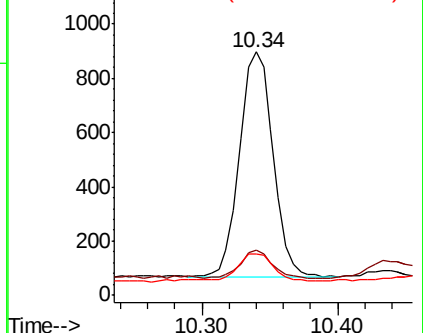
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.031 ng/ul

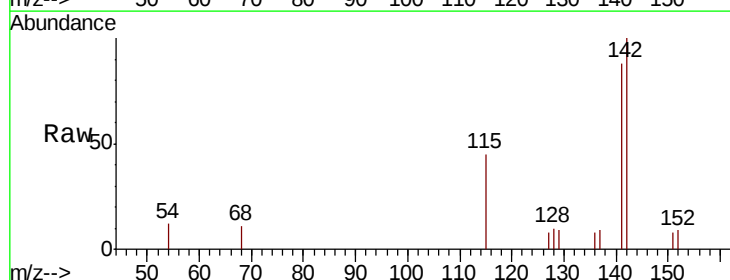
RT: 11.96 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BN009069.D

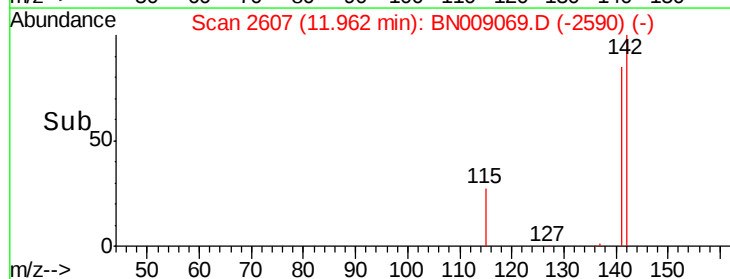
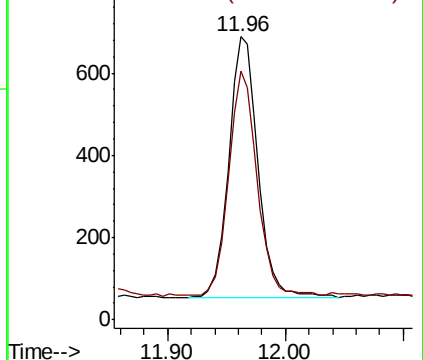
Acq: 20 Dec 2019 15:42

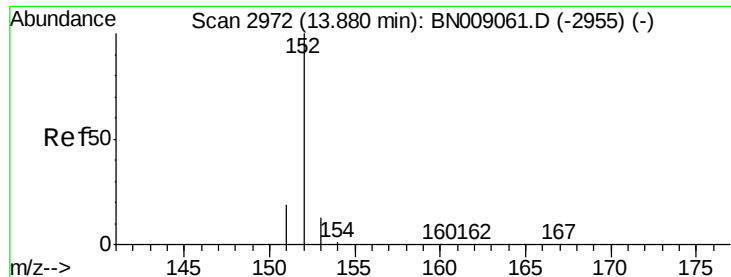
Tgt Ion:	142	Resp:	1093
Ion Ratio	Lower	Upper	
142	100		
141	83.6	70.2	105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 13.88 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BN009069.D

Acq: 20 Dec 2019 15:42

Instrument :

BNA_N

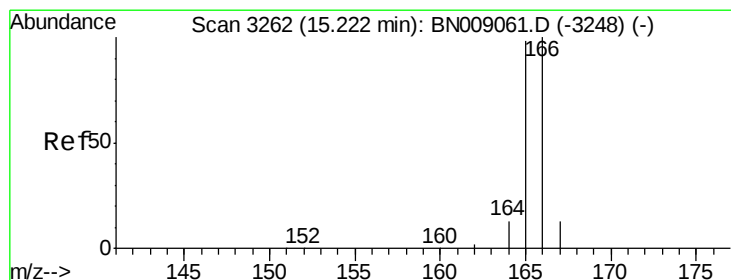
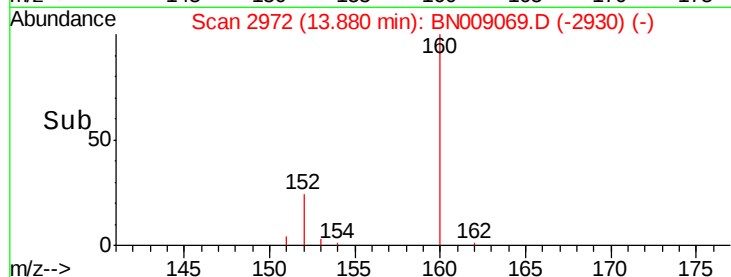
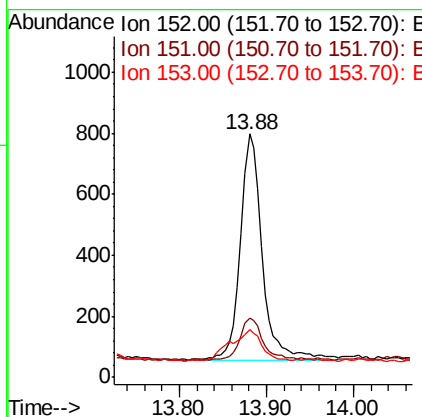
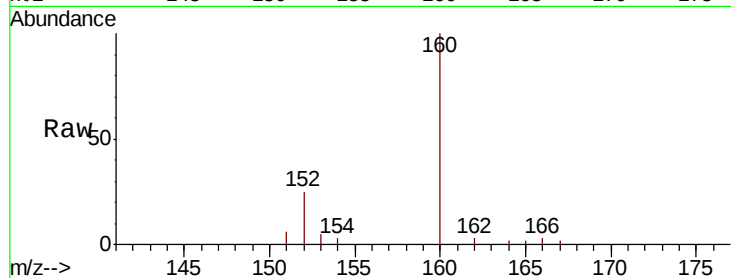
ClientSampleId :

C0BS9DL

Tot Ion:	152	Resp:	1295
Ion Ratio	Lower	Upper	
152	100		
151	24.6	15.7	23.5#
153	19.8	10.8	16.2#

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#9

Fluorene

Concen: 0.032 ng/ul

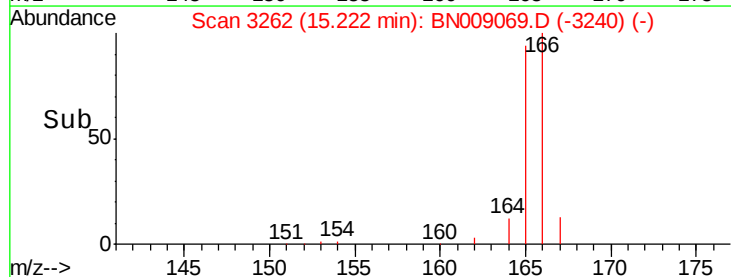
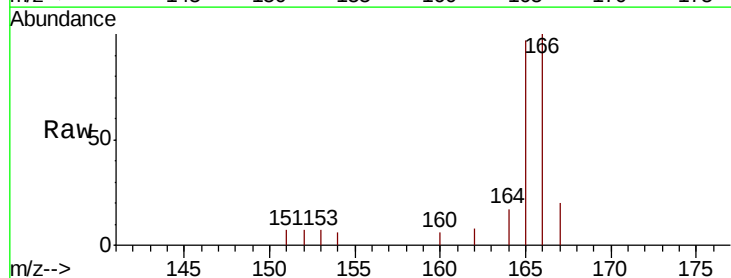
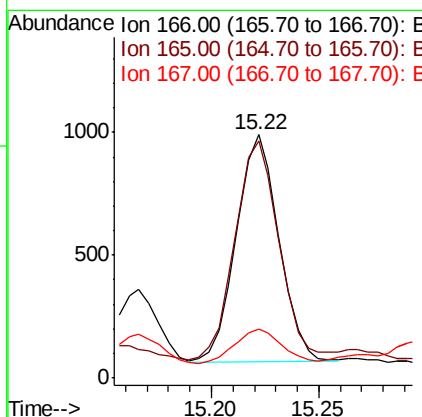
RT: 15.22 min Scan# 3262

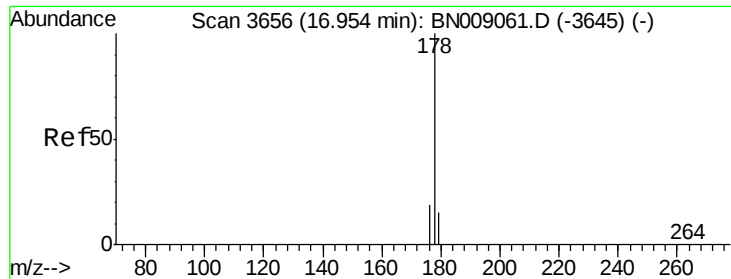
Delta R.T. -0.00 min

Lab File: BN009069.D

Acq: 20 Dec 2019 15:42

Tgt Ion:	166	Resp:	1270
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.2	117.4
167	20.3	11.0	16.6#





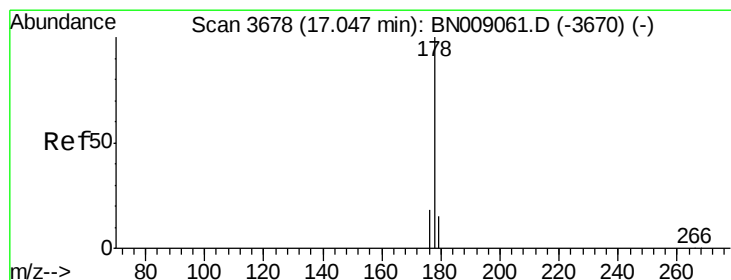
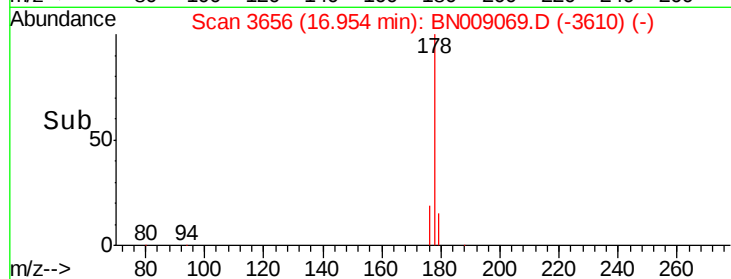
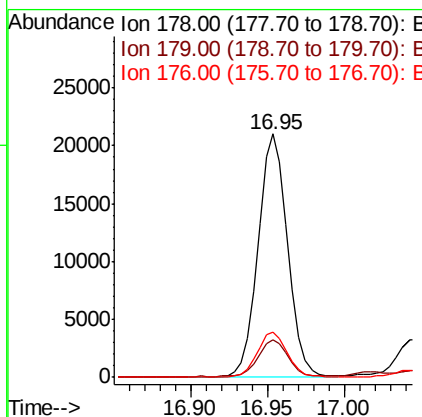
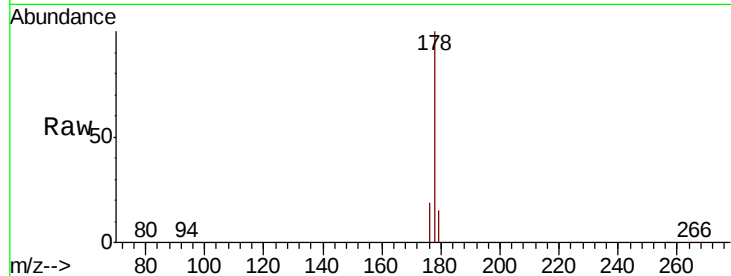
#12
Phenanthrene
Concen: 0.497 ng/ul
RT: 16.95 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BN009069.D
Acq: 20 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
C0BS9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.8	15.1	22.7

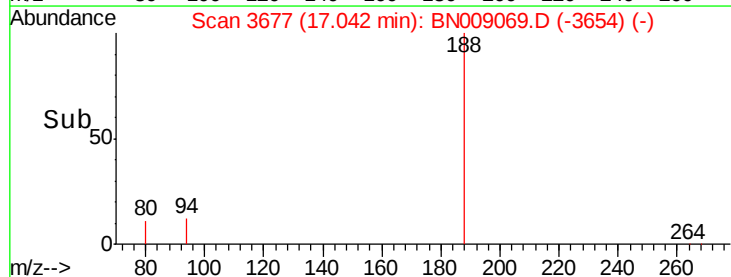
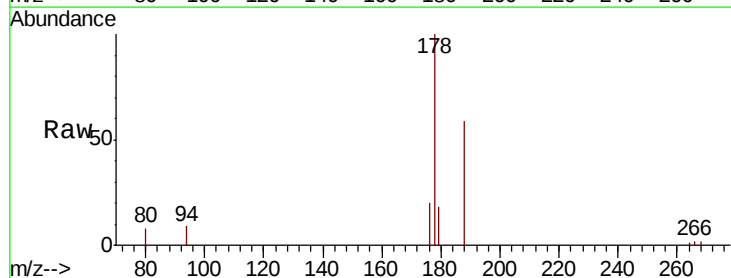
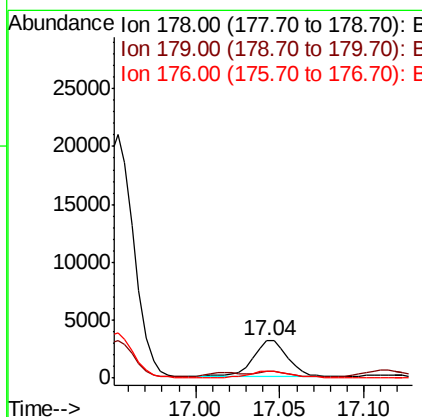
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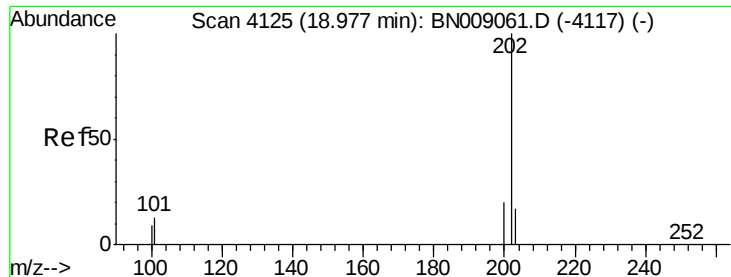
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#13
Anthracene
Concen: 0.088 ng/ul
RT: 17.04 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN009069.D
Acq: 20 Dec 2019 15:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.5	18.7
176	20.0	14.9	22.3





#15

Fluoranthene

Concen: 0.954 ng/ul

RT: 18.98 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BN009069.D

Acq: 20 Dec 2019 15:42

Instrument :

BNA_N

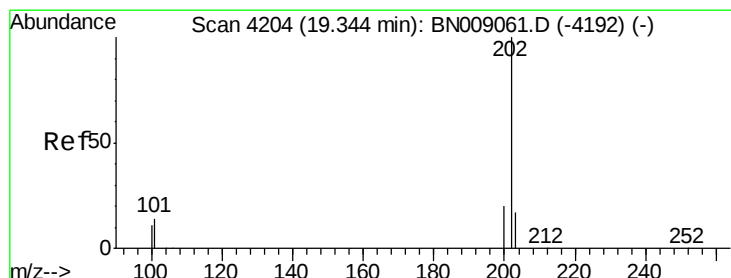
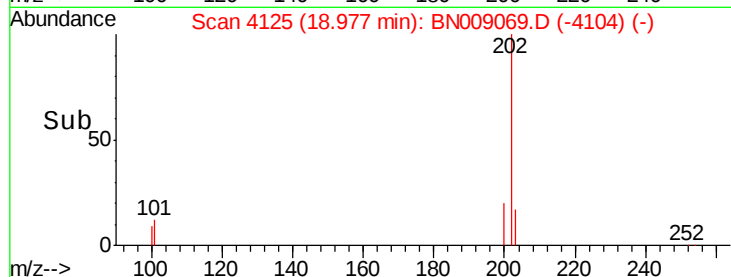
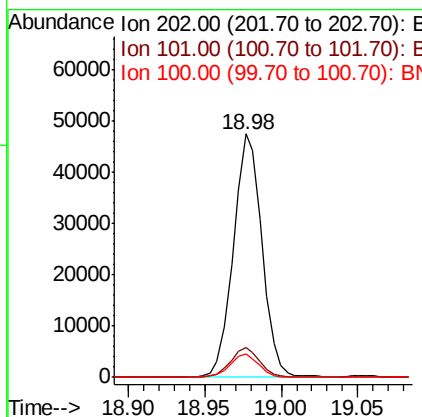
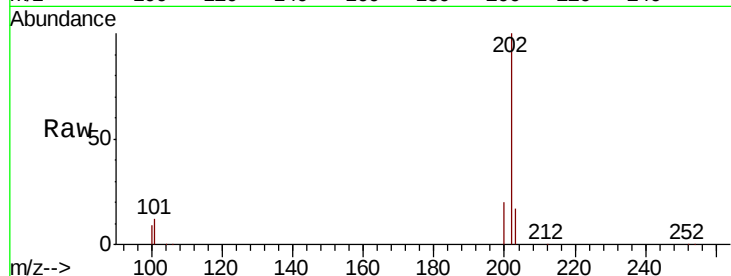
ClientSampleId :

C0BS9DL

Tot Ion:	202	Resp:	61479
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	31.5
100	9.5	0.0	28.9

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#17

Pyrene

Concen: 1.056 ng/ul

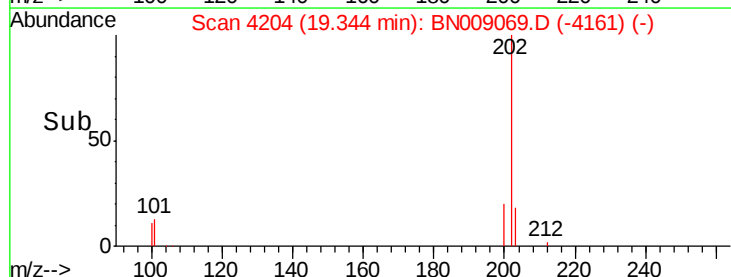
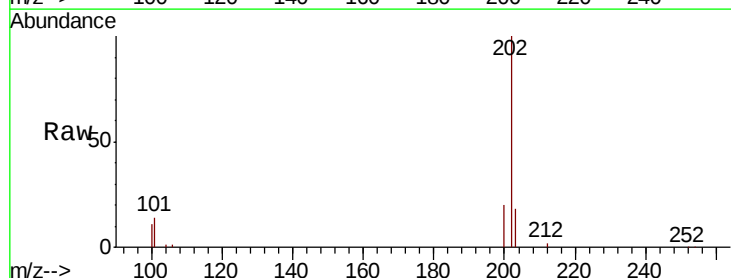
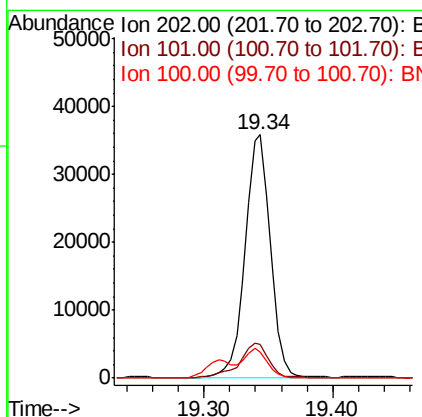
RT: 19.34 min Scan# 4204

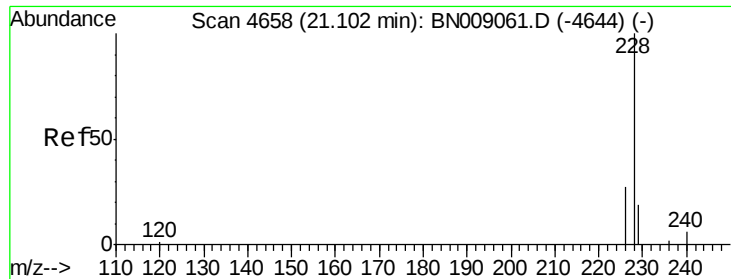
Delta R.T. -0.00 min

Lab File: BN009069.D

Acq: 20 Dec 2019 15:42

Tgt Ion:	202	Resp:	48600
Ion Ratio	Lower	Upper	
202	100		
101	13.6	10.9	16.3
100	10.8	9.0	13.6





#18

Benzo(a)anthracene

Concen: 0.446 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. -0.00 min

Lab File: BN009069.D

Acq: 20 Dec 2019 15:42

Instrument :

BNA_N

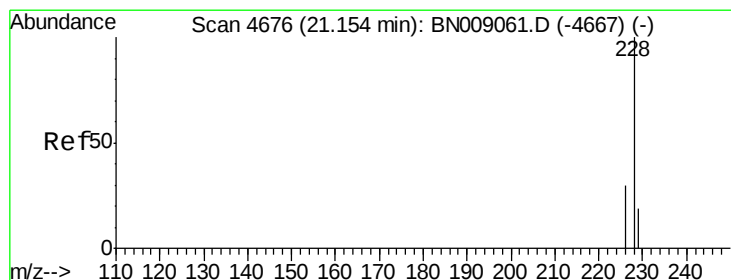
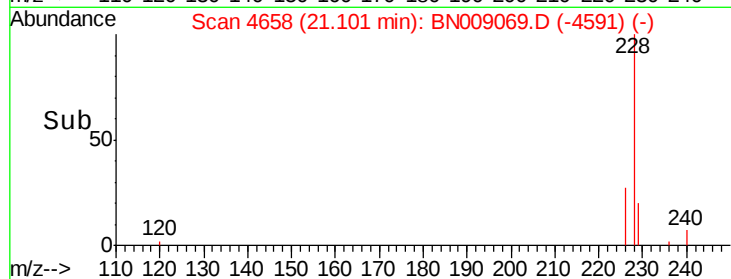
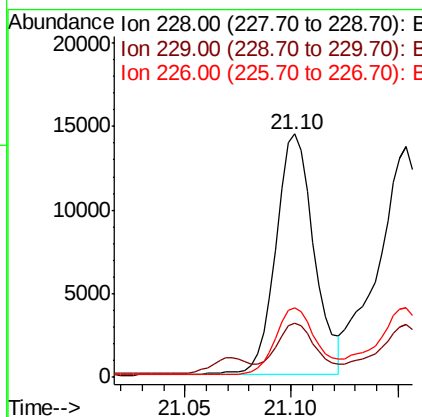
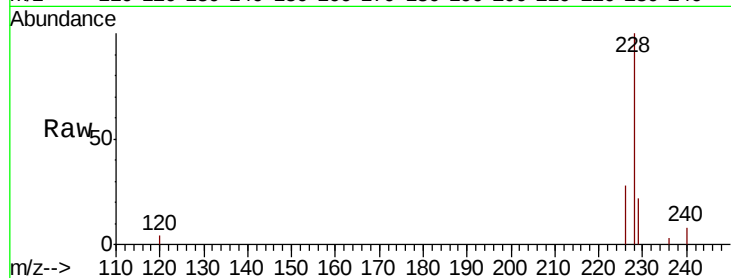
ClientSampleId :

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Tot Ion:228	Resp:	17873
Ion Ratio	Lower	Upper
228 100		
229 22.1	15.5	23.3
226 28.5	21.7	32.5

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#19

Chrysene

Concen: 0.505 ng/ul

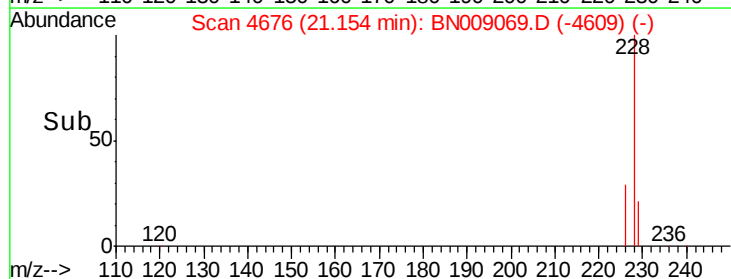
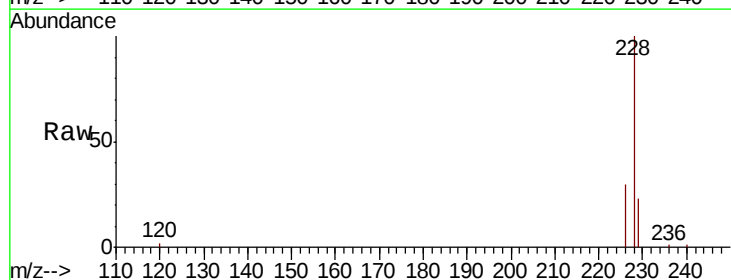
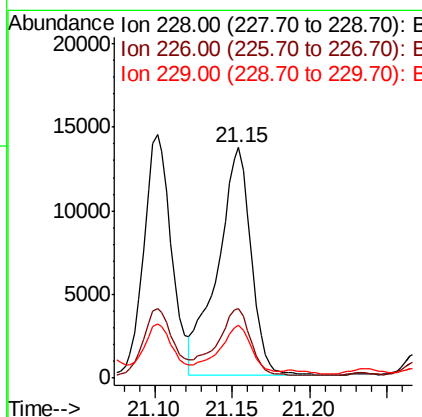
RT: 21.15 min Scan# 4676

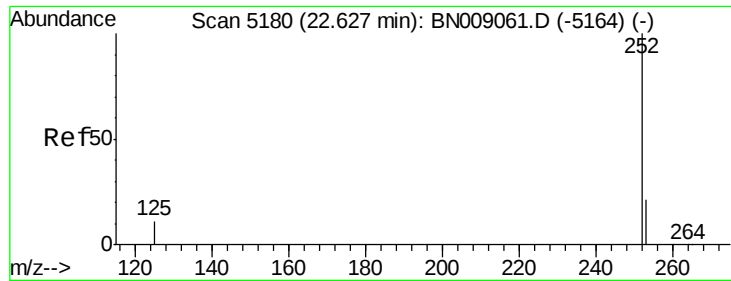
Delta R.T. -0.00 min

Lab File: BN009069.D

Acq: 20 Dec 2019 15:42

Tgt Ion:228	Resp:	20334
Ion Ratio	Lower	Upper
228 100		
226 30.1	23.7	35.5
229 22.7	15.4	23.0





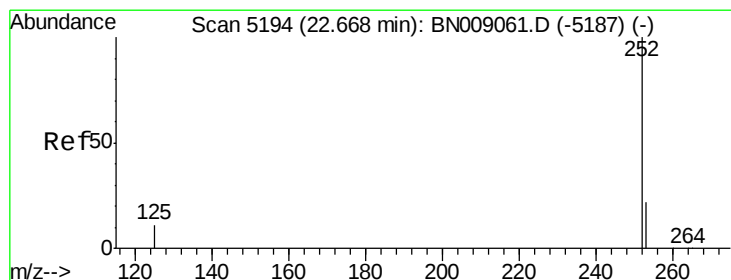
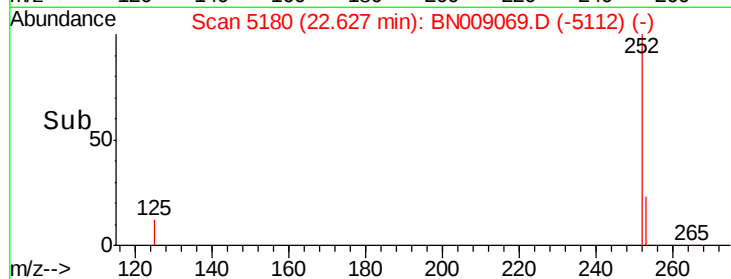
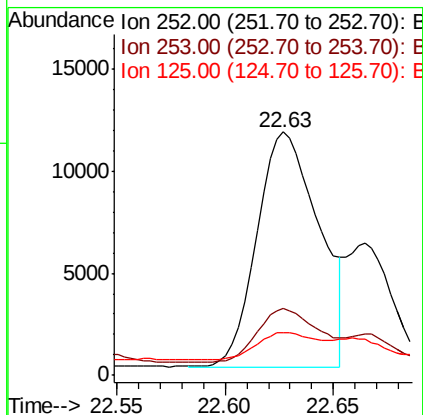
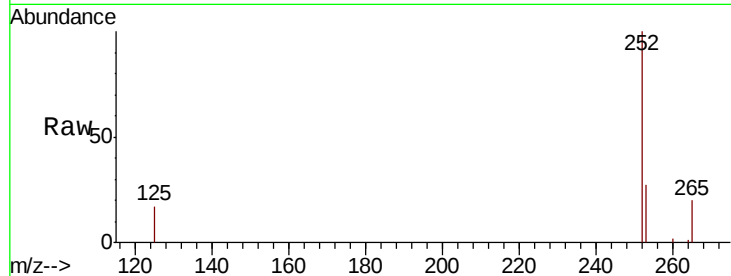
#21
Benzo(b)fluoranthene
Concen: 0.593 ng/ul m
RT: 22.63 min Scan# 5180
Delta R.T. -0.00 min
Lab File: BN009069.D
Acq: 20 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
C0BS9DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	23019		
253	27.4	0.0	48.2	
125	17.5	0.0	30.0	

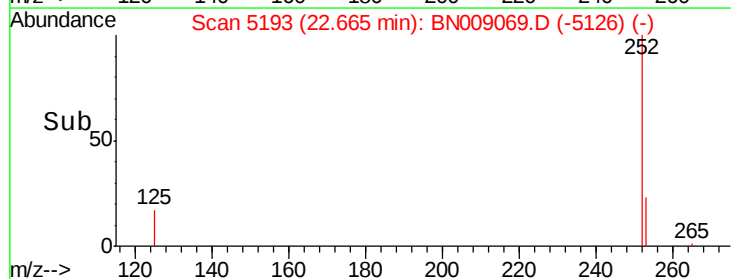
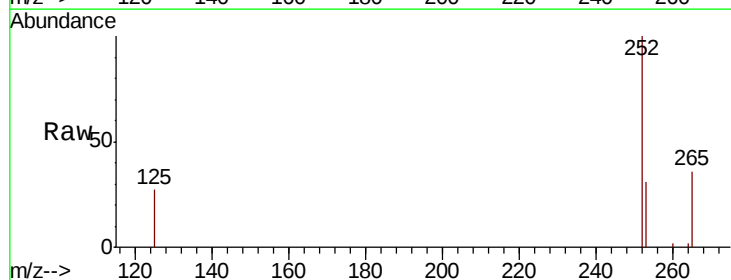
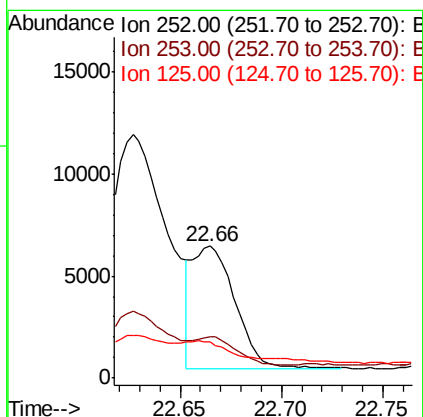
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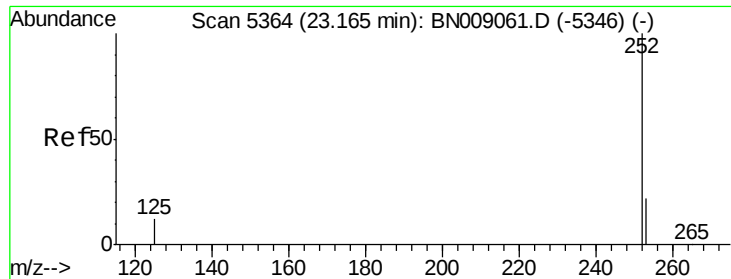
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#22
Benzo(k)fluoranthene
Concen: 0.226 ng/ul m
RT: 22.66 min Scan# 5193
Delta R.T. -0.00 min
Lab File: BN009069.D
Acq: 20 Dec 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	8861		
253	31.3	19.4	29.0#	
125	27.4	12.4	18.6#	





#23

Benzo(a)pyrene

Concen: 0.460 ng/ul

RT: 23.16 min Scan# 5364

Delta R.T. -0.00 min

Lab File: BN009069.D

Acq: 20 Dec 2019 15:42

Instrument :

BNA_N

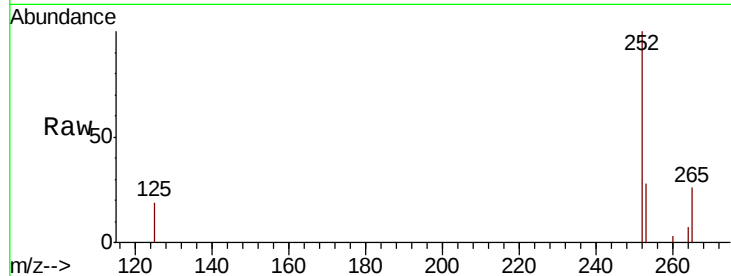
ClientSampleId :

C0BS9DL

Tot Ion:	252	Resp:	15659
Ion Ratio	Lower	Upper	
252	100		
253	27.8	20.2	30.4
125	19.2	13.2	19.8

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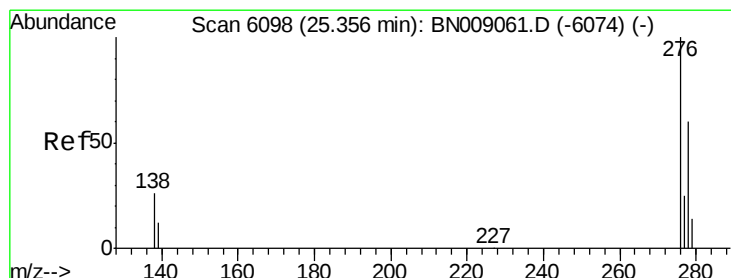
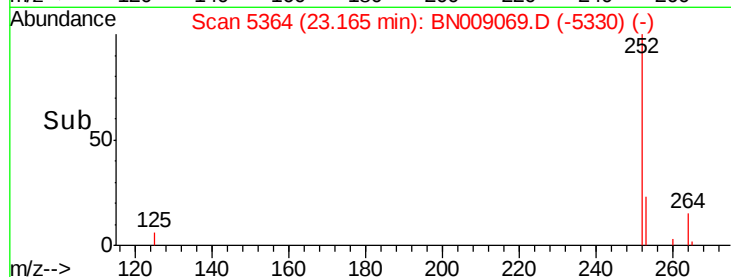
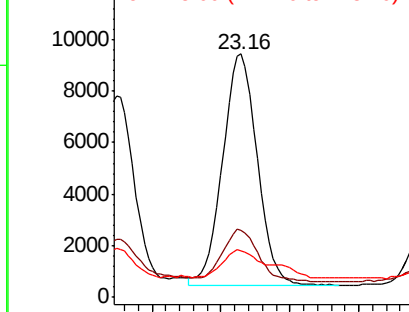


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.302 ng/ul

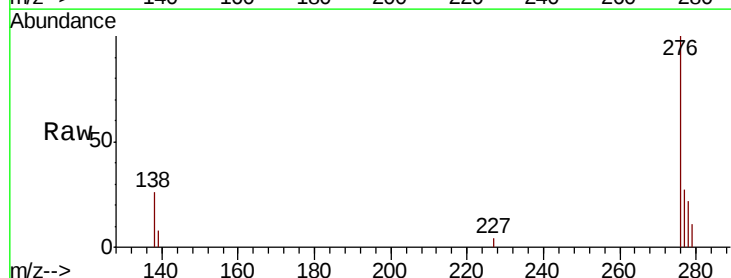
RT: 25.36 min Scan# 6098

Delta R.T. -0.00 min

Lab File: BN009069.D

Acq: 20 Dec 2019 15:42

Tgt Ion:	276	Resp:	11189
Ion Ratio	Lower	Upper	
276	100		
138	23.4	22.4	33.6
227	0.1	0.2	0.4#

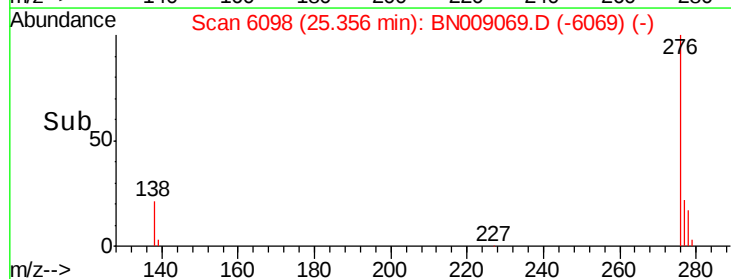
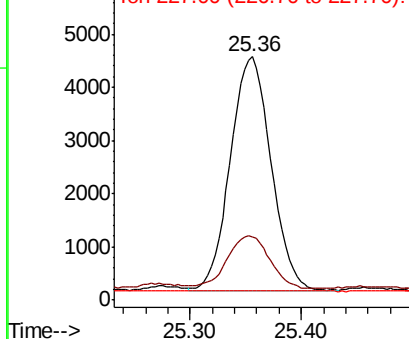


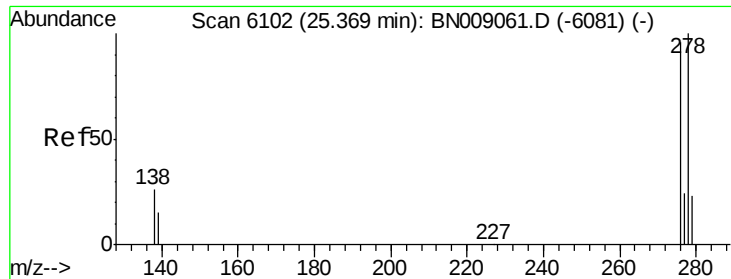
Abundance

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





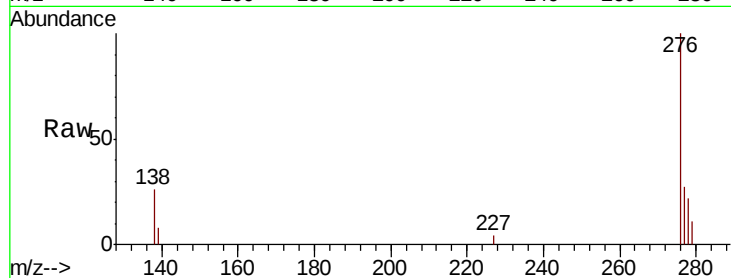
#25
Dibenzo(a,h)anthracene
Concen: 0.090 ng/u1
RT: 25.36 min Scan# 6098
Delta R.T. -0.02 min
Lab File: BN009069.D
Acq: 20 Dec 2019 15:42

Instrument :
BNA_N
ClientSampled :
C0BS9DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	36.0	16.2	24.2#
279	49.1	20.3	30.5#

Manual Integrations
APPROVED

mohammad
12/23/2019 11:54:21 AM

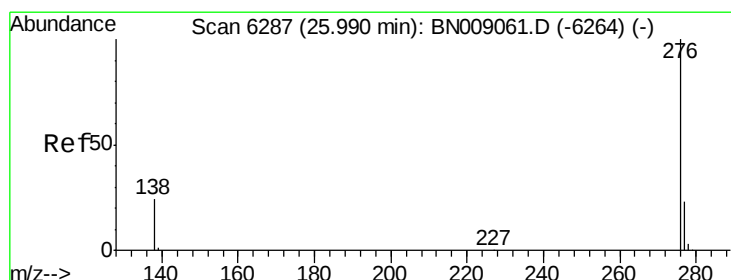
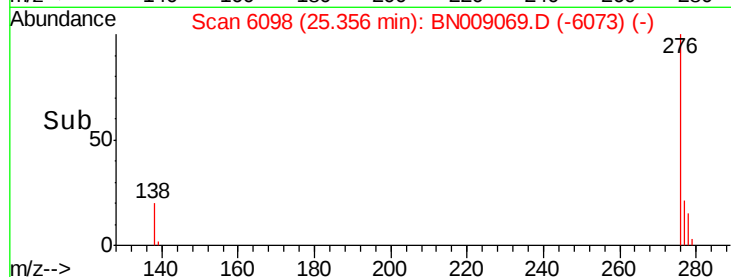
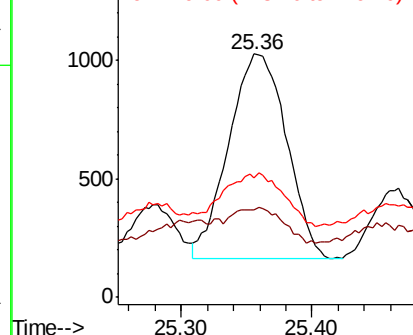


Abundance

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: 0.389 ng/u1
RT: 25.99 min Scan# 6288
Delta R.T. -0.00 min
Lab File: BN009069.D
Acq: 20 Dec 2019 15:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	20.6	30.8
277	26.9	19.6	29.4

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

