

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009050.D
 Acq On : 20 Dec 2019 03:48
 Operator : JU
 Sample : K6171-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BS6

Manual Integrations
 APPROVED

Sohil
 12/20/2019 4:30:00 PM

Quant Time: Dec 20 06:24:51 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 : Thu Dec 19 15:54:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3375	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	13286	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	7727	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	16070	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	9439	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	8107	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	4460	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	10202	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.34	128	4609	0.114	ng/ul	97
5) 2-Methylnaphthalene	11.96	142	4002	0.131	ng/ul	99
7) Acenaphthylene	13.88	152	14457	0.356	ng/ul	99
8) Acenaphthene	14.23	153	1819	0.057	ng/ul	97
9) Fluorene	15.22	166	4985	0.132	ng/ul#	98
12) Phenanthrene	16.95	178	138304	2.475	ng/ul	100
13) Anthracene	17.05	178	30284	0.604	ng/ul	99
15) Fluoranthene	18.98	202	545980	8.543	ng/ul	98
17) Pyrene	19.34	202	405888	8.429	ng/ul	99
18) Benzo(a)anthracene	21.10	228	181005	4.318	ng/ul	97
19) Chrysene	21.15	228	158948	3.773	ng/ul	97
21) Benzo(b)fluoranthene	22.62	252	187576m	4.955	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	65497m	1.716	ng/ul	
23) Benzo(a)pyrene	23.16	252	115329	3.477	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.35	276	78093	2.162	ng/ul	91
25) Dibenzo(a,h)anthracene	25.36	278	17895	0.622	ng/ul	92
26) Benzo(a,h,i)perylene	25.99	276	73348	2.410	ng/ul	99

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

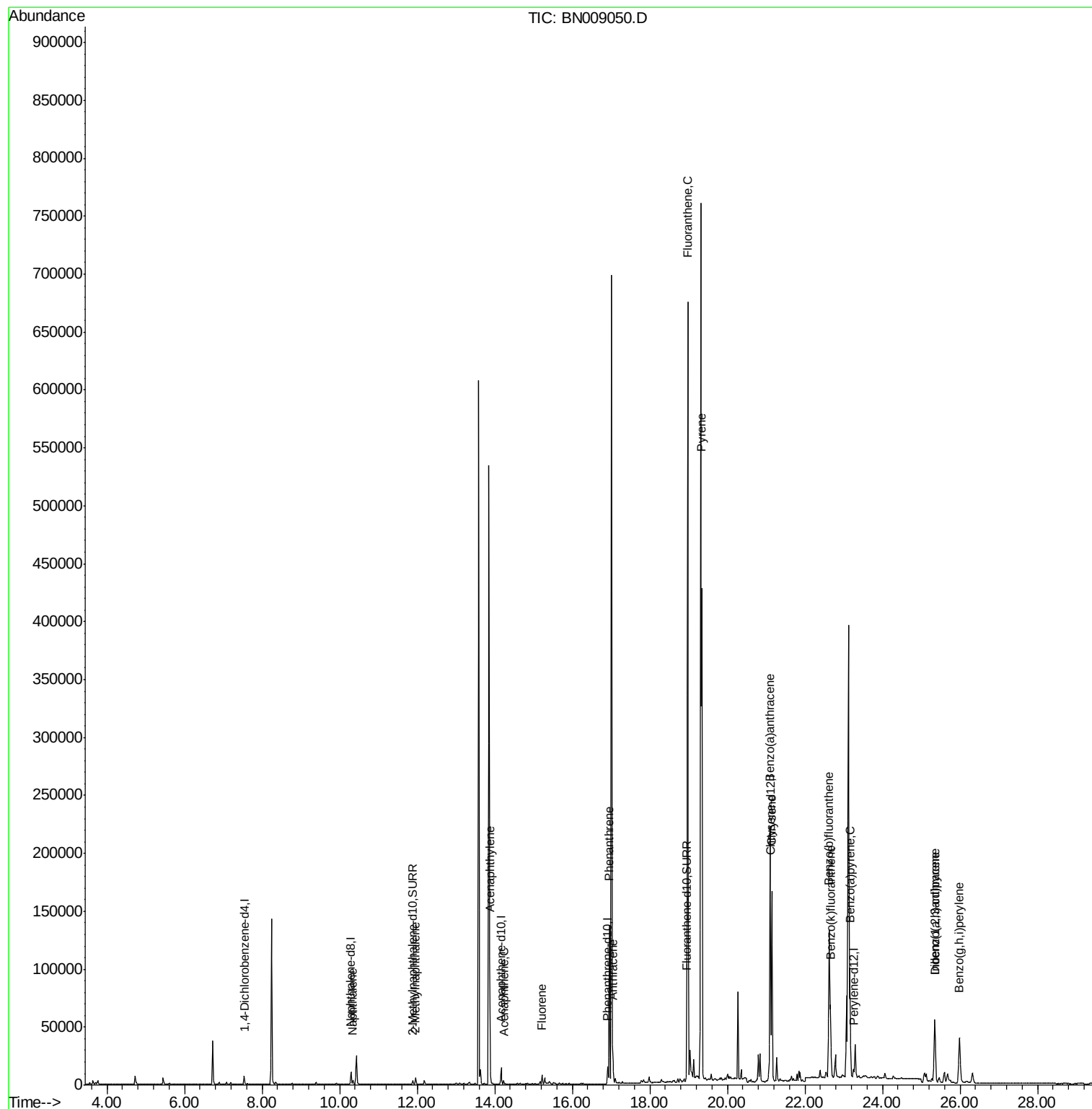
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009050.D
Acq On : 20 Dec 2019 03:48
Operator : JU
Sample : K6171-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

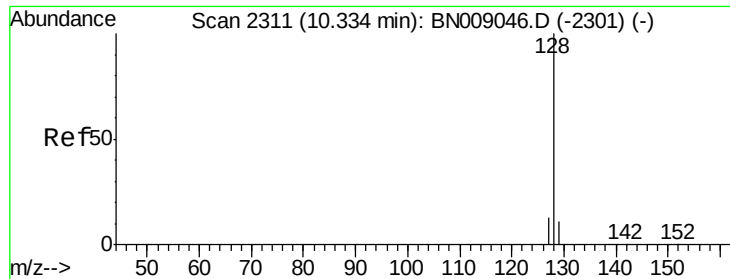
Instrument :
BNA_N
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C0BS6

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Quant Time: Dec 20 06:24:51 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 : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.114 ng/ul

RT: 10.34 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

Instrument :

BNA_N

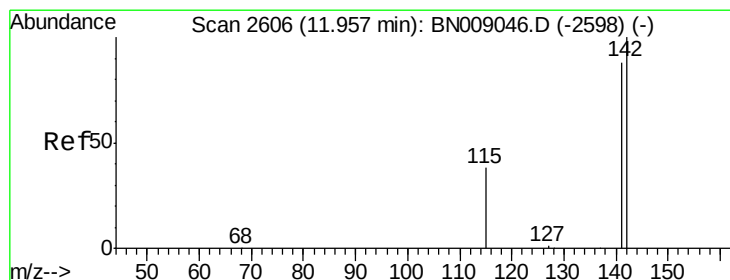
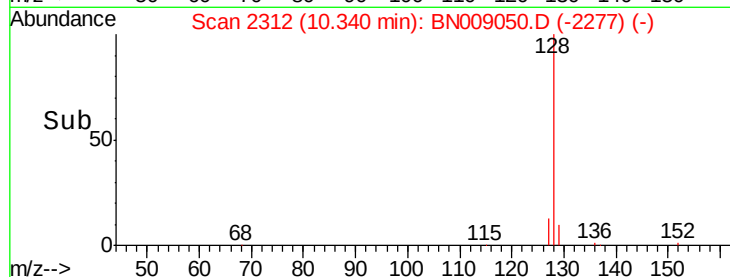
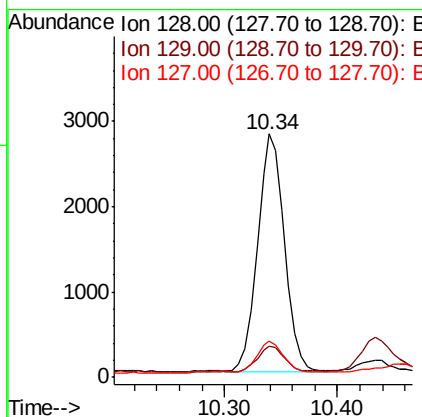
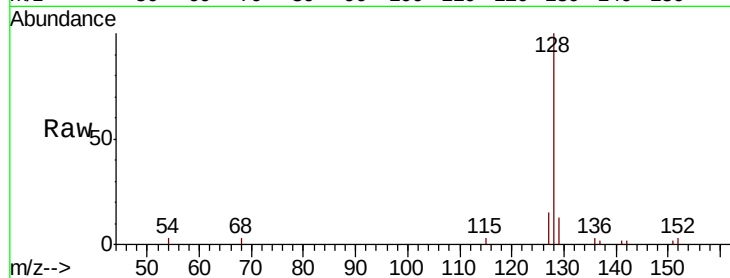
ClientSampleId :

C0BS6

Tot Ion:	128	Resp:	4609
Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.0	13.4
127	14.7	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.131 ng/ul

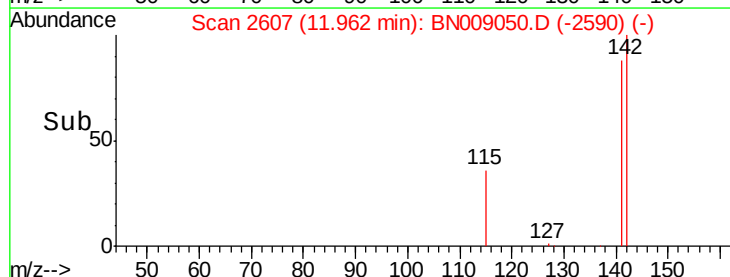
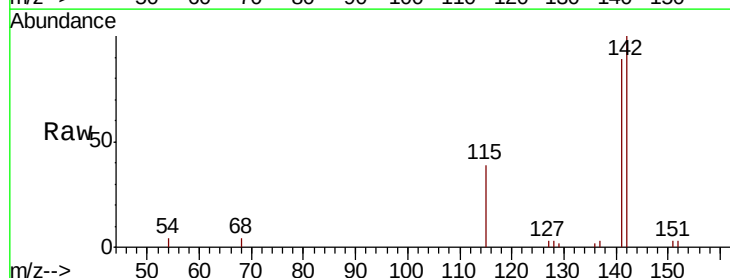
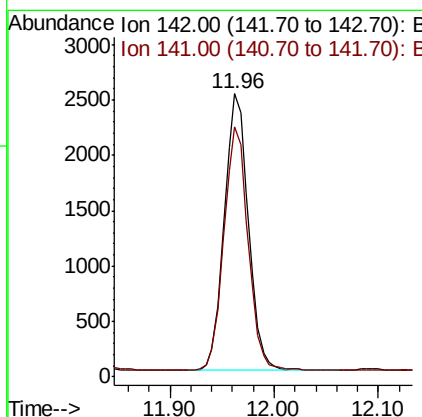
RT: 11.96 min Scan# 2607

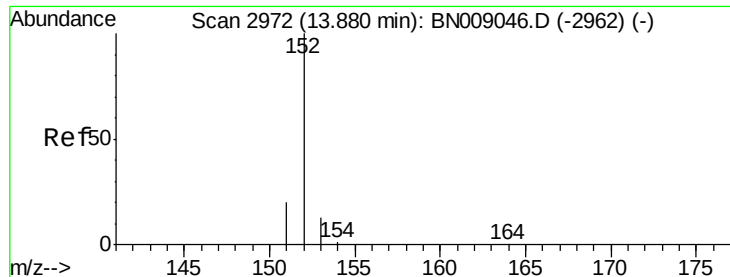
Delta R.T. -0.01 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

Tgt Ion:	142	Resp:	4002
Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.2	105.4





#7

Acenaphthylene

Concen: 0.356 ng/ul

RT: 13.88 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

Instrument :

BNA_N

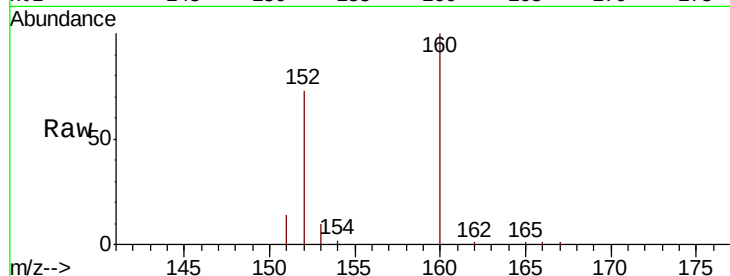
ClientSampleId :

C0BS6

Tot Ion:	152	Resp:	14457
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.7	23.5
153	13.9	10.8	16.2

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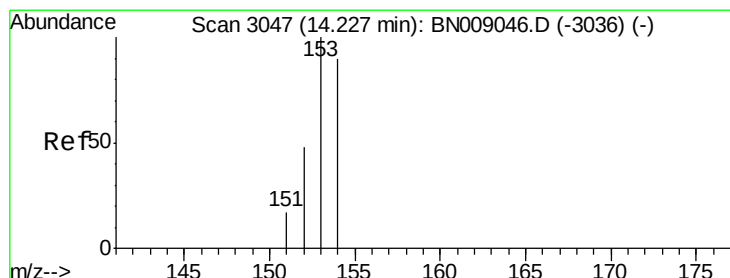
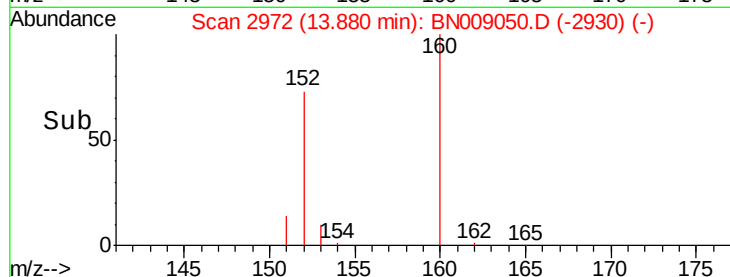
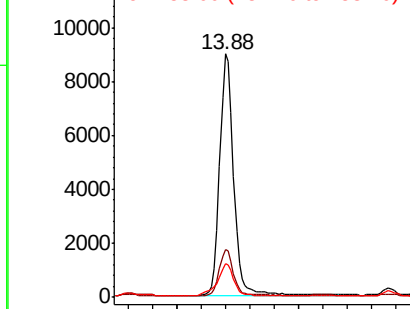


Abundance

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: 0.057 ng/ul

RT: 14.23 min Scan# 3047

Delta R.T. -0.00 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

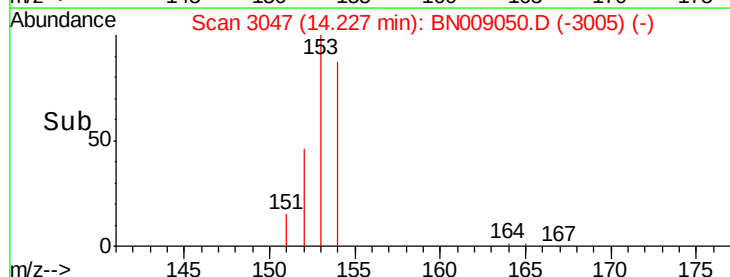
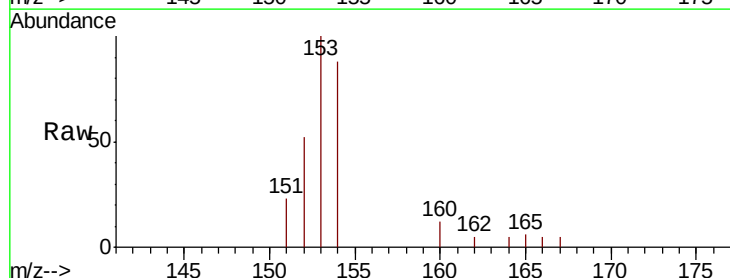
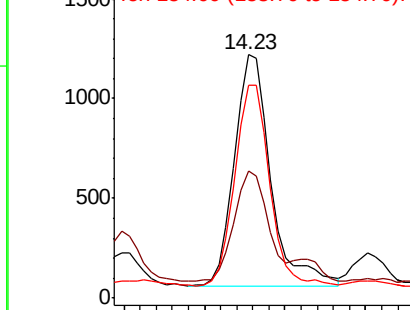
Tgt Ion:	153	Resp:	1819
Ion Ratio	Lower	Upper	
153	100		
152	52.3	39.5	59.3
154	87.6	71.3	106.9

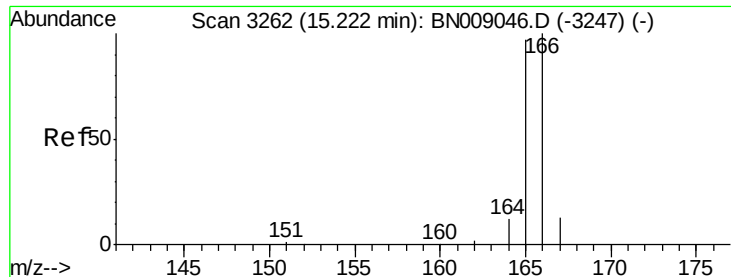
Abundance

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: 0.132 ng/ul

RT: 15.22 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

Instrument :

BNA_N

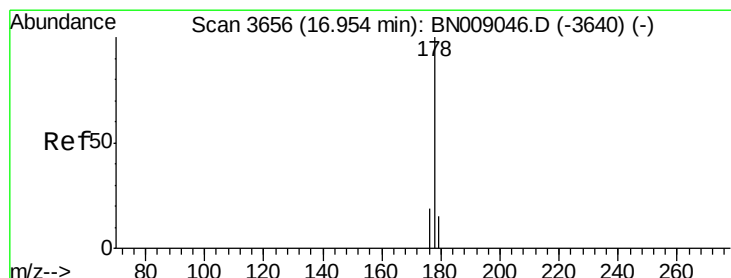
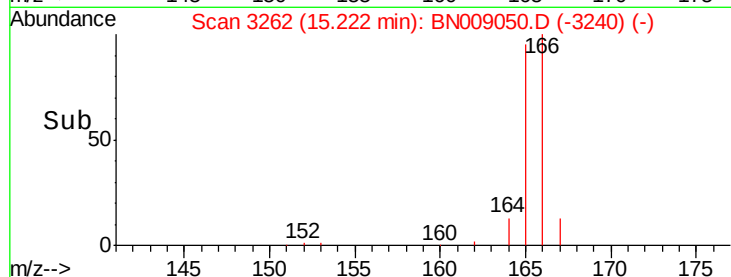
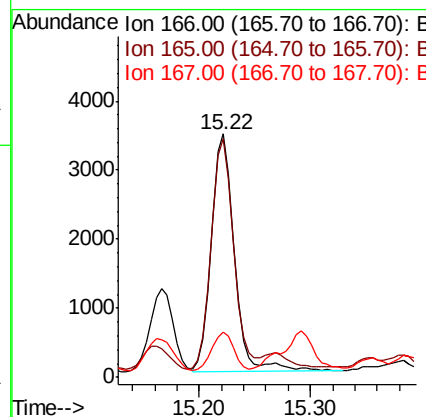
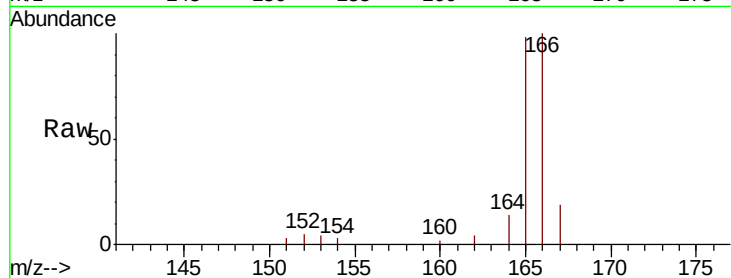
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.4
167	18.8	11.0	16.6#

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#12

Phenanthrene

Concen: 2.475 ng/ul

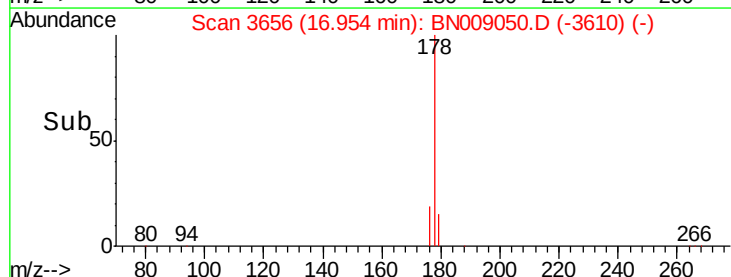
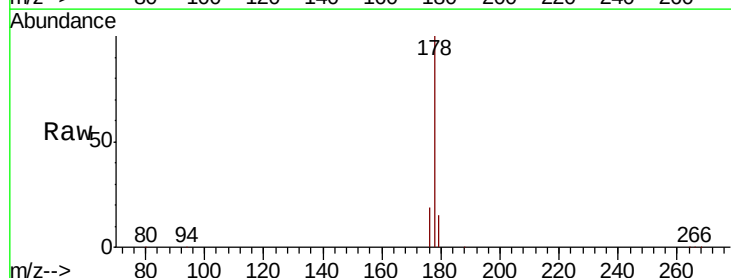
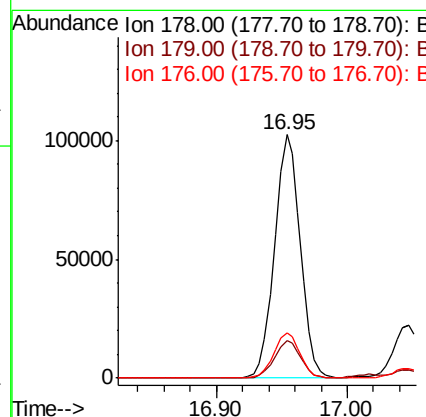
RT: 16.95 min Scan# 3656

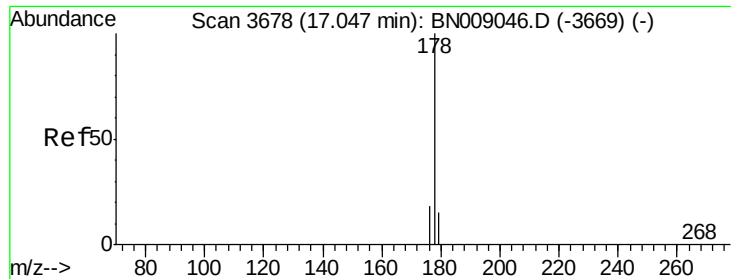
Delta R.T. -0.00 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.8	15.1	22.7





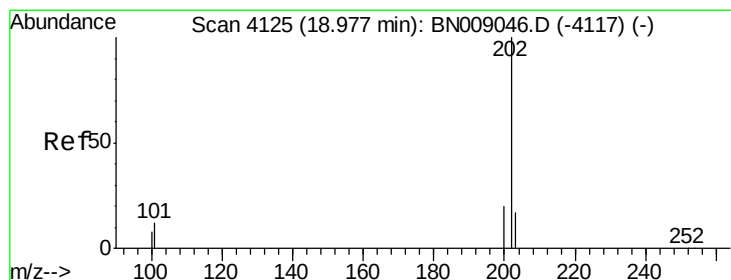
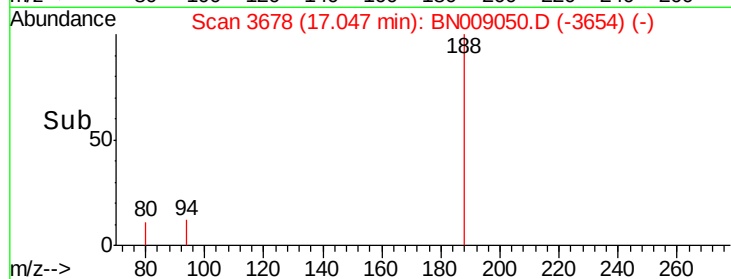
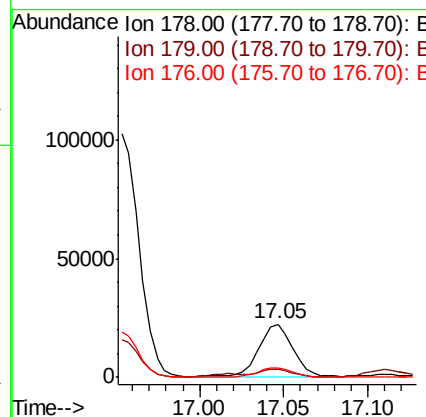
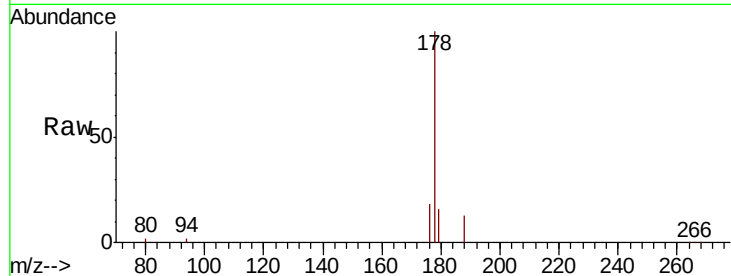
#13
 Anthracene
 Concen: 0.604 ng/ul
 RT: 17.05 min Scan# 3678
 Delta R.T. 0.00 min
 Lab File: BN009050.D
 Acq: 20 Dec 2019 03:48

Instrument :
 BNA_N
 ClientSampleId :
 C0BS6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	18.2	14.9	22.3

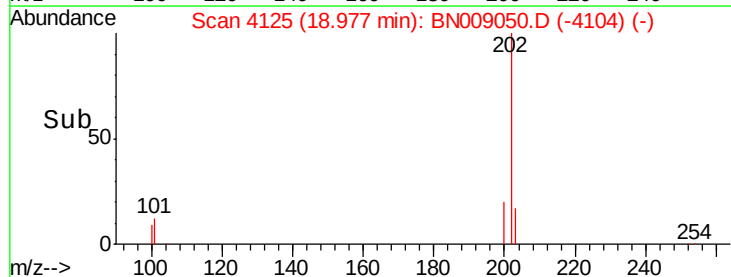
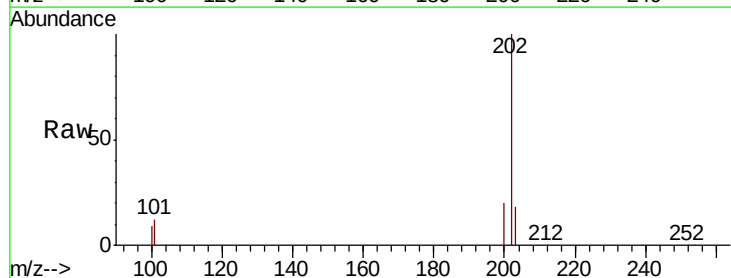
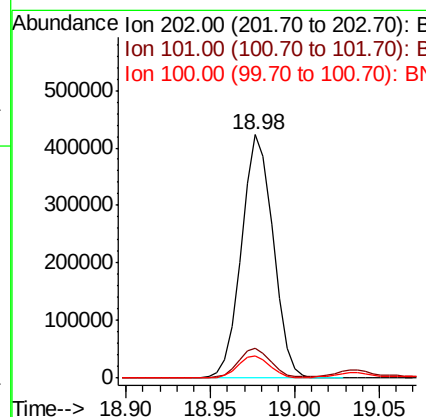
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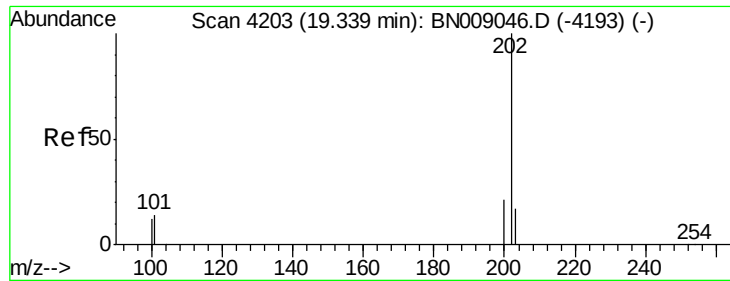
Sohil
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#15
 Fluoranthene
 Concen: 8.543 ng/ul
 RT: 18.98 min Scan# 4125
 Delta R.T. -0.00 min
 Lab File: BN009050.D
 Acq: 20 Dec 2019 03:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.5
100	9.4	0.0	28.9





#17

Pvrene

Concen: 8.429 ng/ul

RT: 19.34 min Scan# 4204

Delta R.T. 0.00 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

Instrument :

BNA_N

ClientSampleId :

C0BS6

Tot Ion:202 Resp: 405888

Ion Ratio Lower Upper

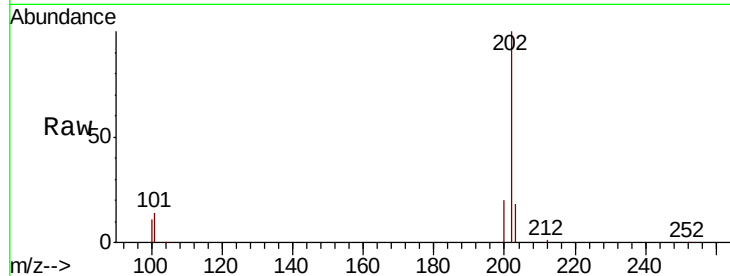
202 100

101 14.1 10.9 16.3

100 11.2 9.0 13.6

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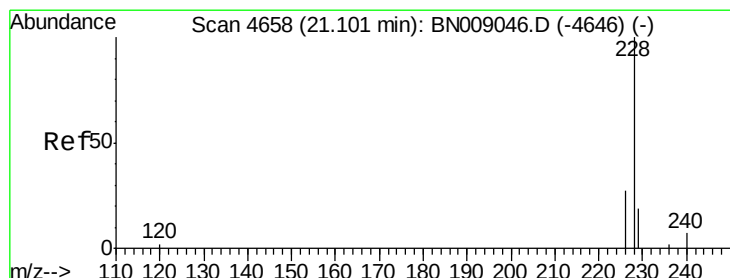
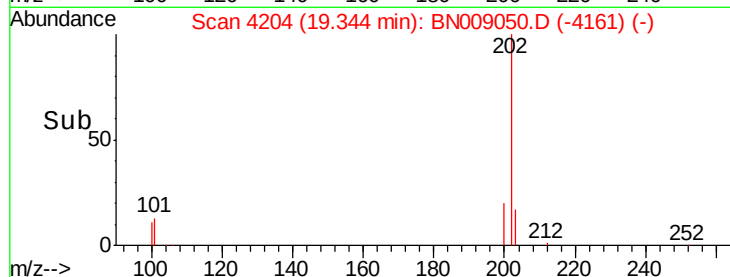
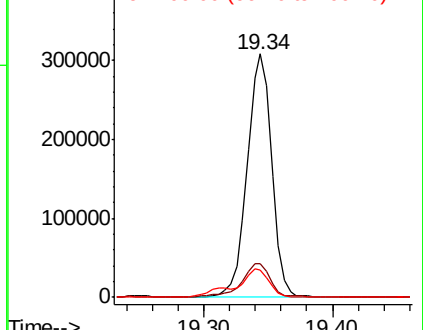


Abundance

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: 4.318 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. -0.00 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

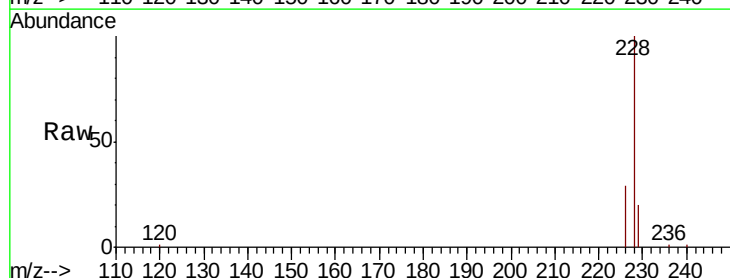
Tgt Ion:228 Resp: 181005

Ion Ratio Lower Upper

228 100

229 20.5 15.5 23.3

226 28.8 21.7 32.5

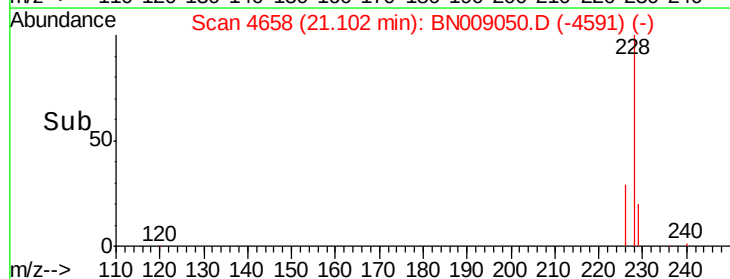
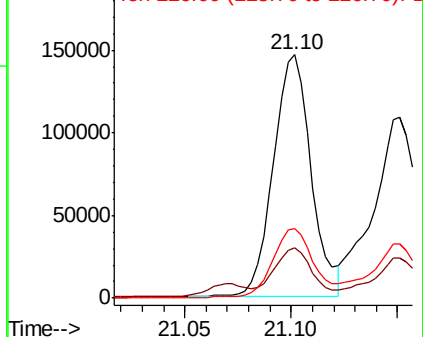


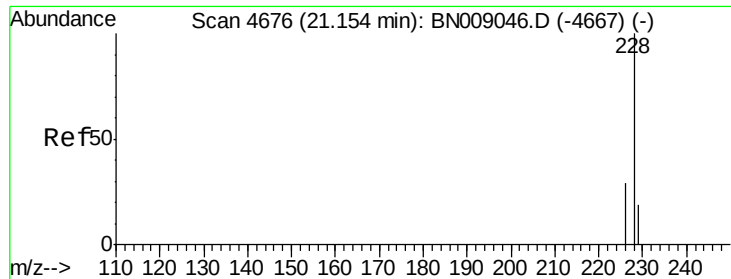
Abundance

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: 3.773 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

Instrument :

BNA_N

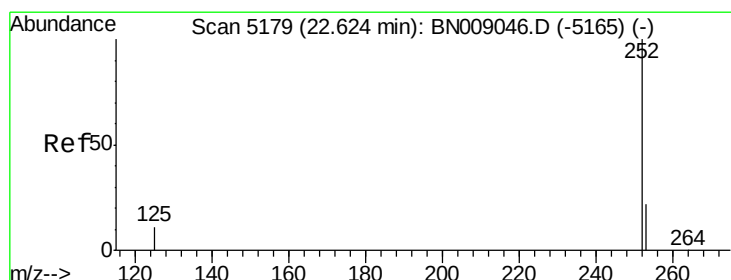
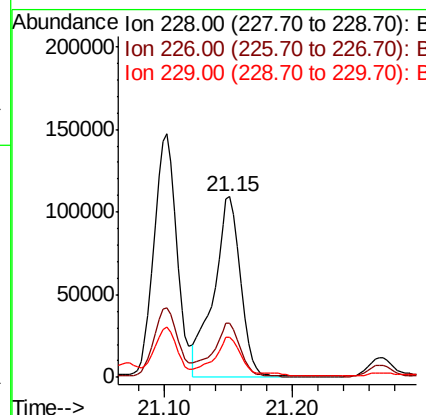
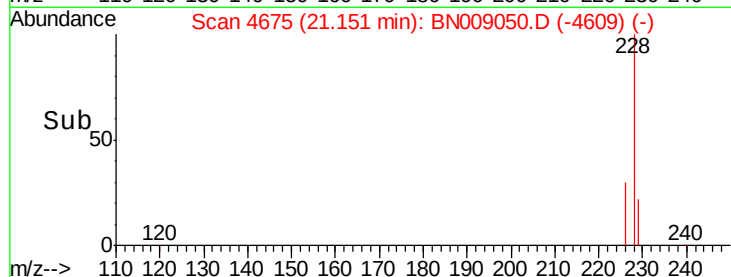
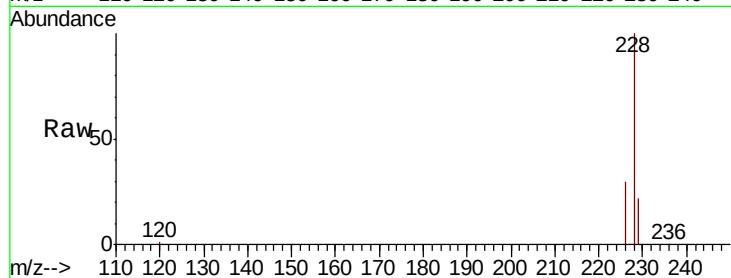
ClientSampleId :

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Tot Ion:	228	Resp:	158948
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	22.4	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 4.955 ng/ul m

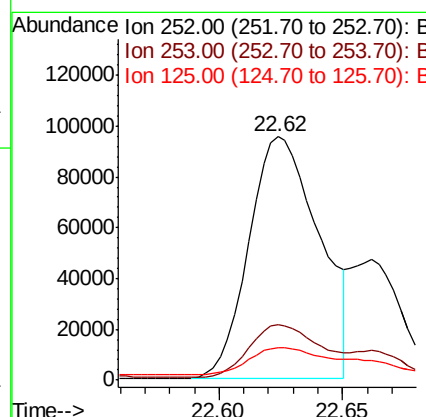
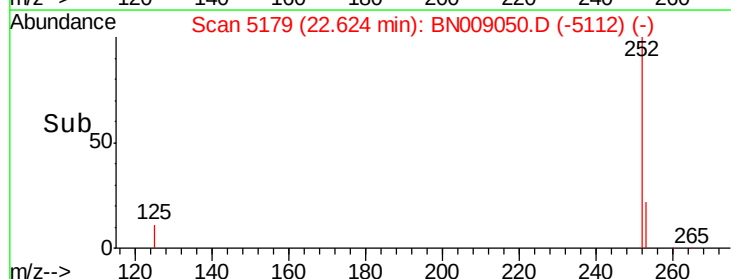
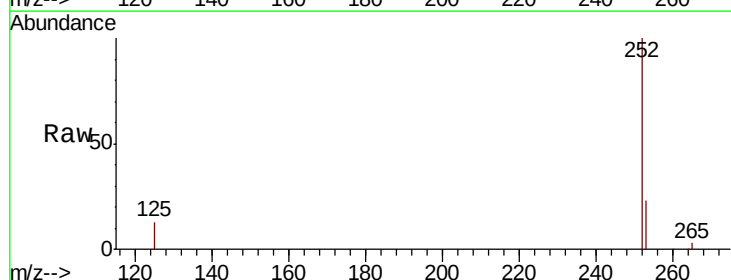
RT: 22.62 min Scan# 5179

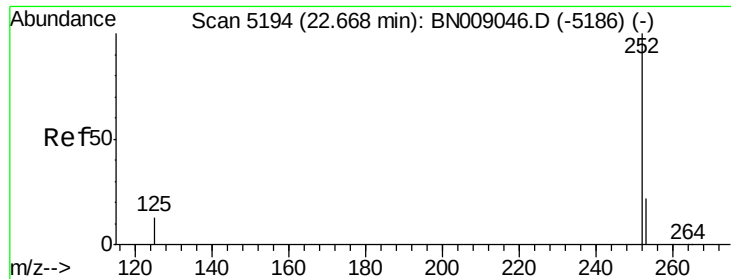
Delta R.T. -0.00 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

Tgt Ion:	252	Resp:	187576
Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	48.2
125	13.2	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 1.716 ng/ul m

RT: 22.66 min Scan# 5192

Delta R.T. -0.01 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

Instrument :

BNA_N

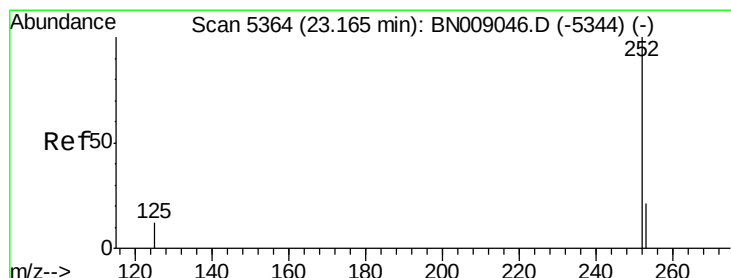
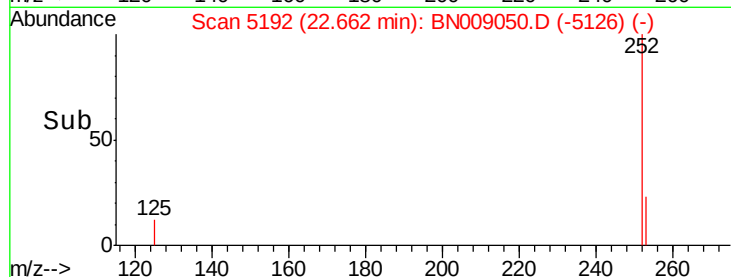
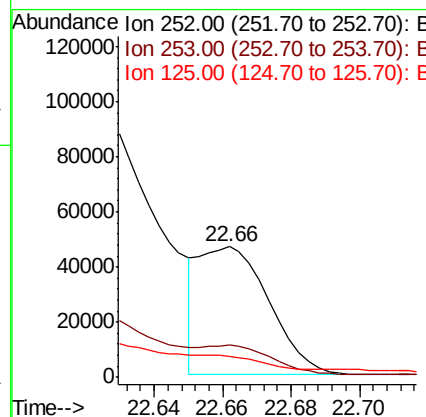
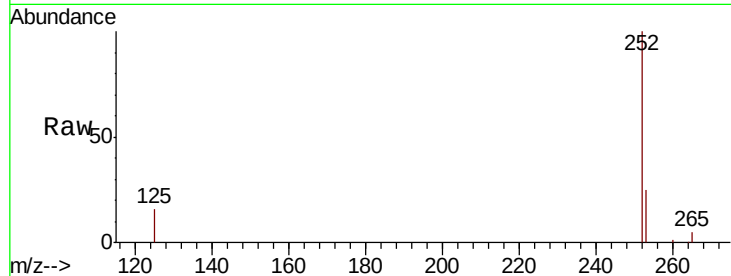
ClientSampleId :

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Tot Ion:	252	Resp:	65497
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.4	29.0
125	16.4	12.4	18.6

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#23

Benzo(a)pyrene

Concen: 3.477 ng/ul

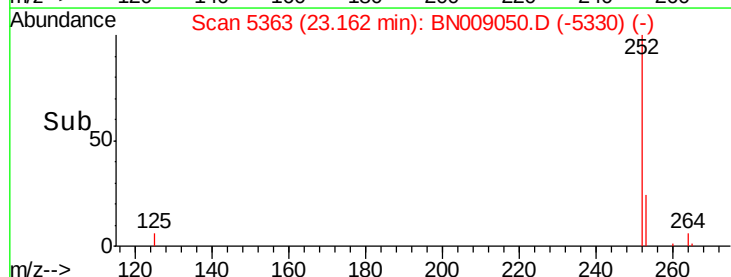
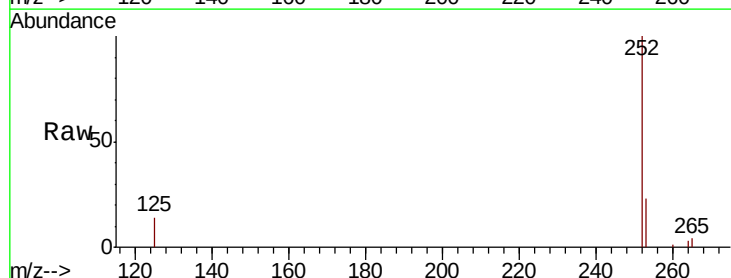
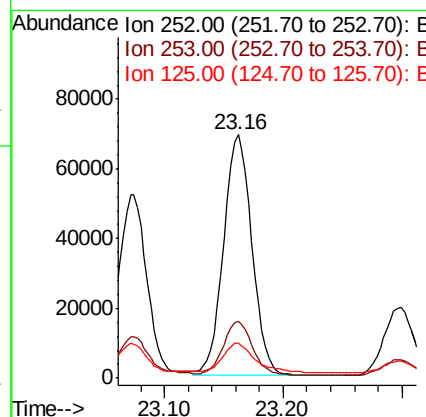
RT: 23.16 min Scan# 5363

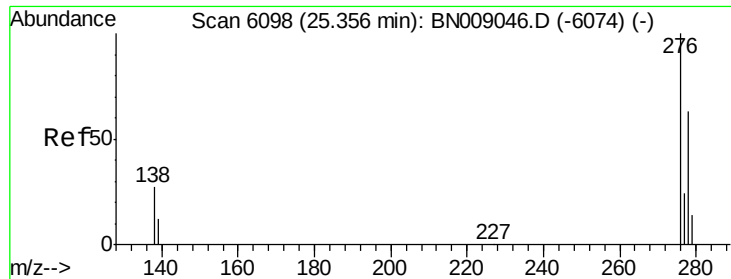
Delta R.T. -0.00 min

Lab File: BN009050.D

Acq: 20 Dec 2019 03:48

Tgt Ion:	252	Resp:	115329
Ion Ratio	Lower	Upper	
252	100		
253	23.2	20.2	30.4
125	14.3	13.2	19.8





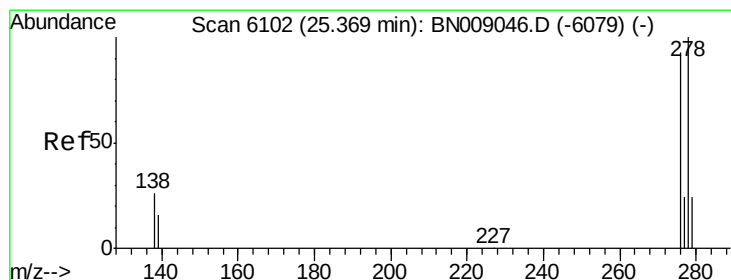
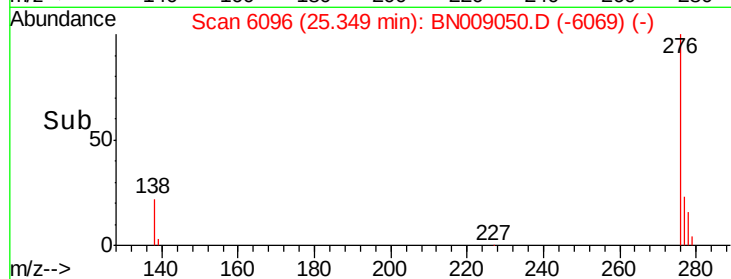
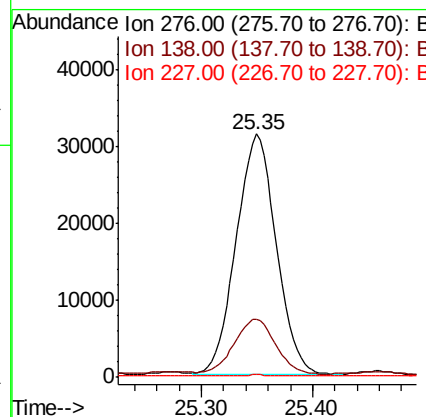
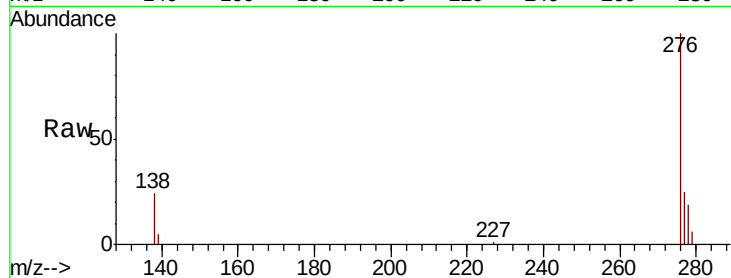
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.162 ng/ul
RT: 25.35 min Scan# 6096
Delta R.T. -0.01 min
Lab File: BN009050.D
Acq: 20 Dec 2019 03:48

Instrument :
BNA_N
ClientSampleId :
C0BS6

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	22.4	33.6
227	0.3	0.2	0.4

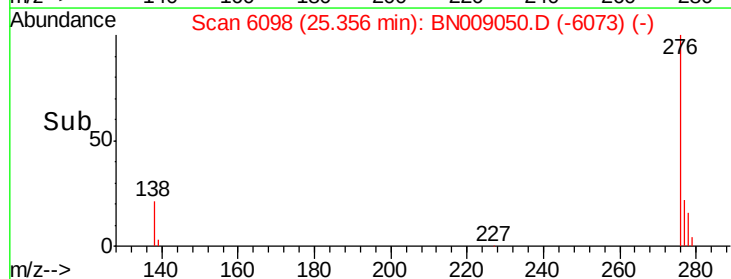
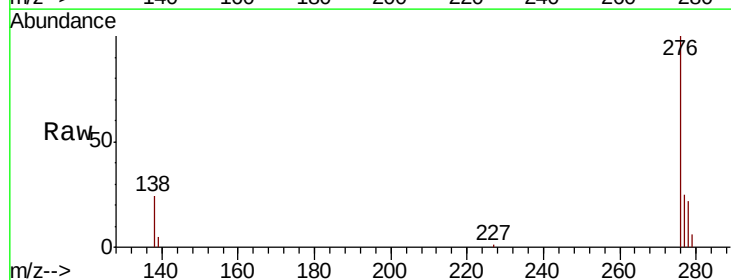
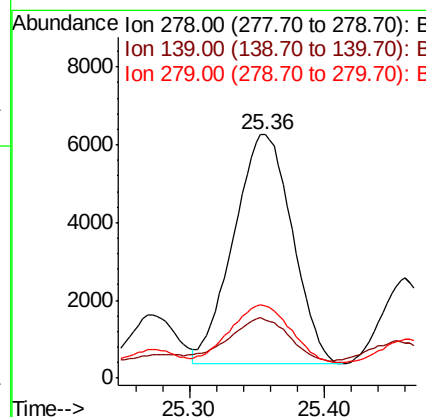
Manual Integrations
APPROVED

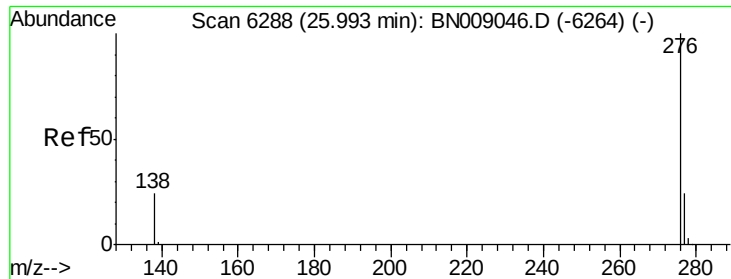
Sohil
12/20/2019 4:30:00 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.622 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.02 min
Lab File: BN009050.D
Acq: 20 Dec 2019 03:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.0	16.2	24.2
279	29.5	20.3	30.5





#26
Benzo(a,h,i)perylene
Concen: 2.410 ng/ul
RT: 25.99 min Scan# 6286
Delta R.T. -0.01 min
Lab File: BN009050.D
Acq: 20 Dec 2019 03:48

Instrument :
BNA_N
ClientSampleId :
C0BS6

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.6	30.8
277	24.2	19.6	29.4

Manual Integrations
APPROVED

Sohil
12/20/2019 4:30:00 PM

