

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009053.D
 Acq On : 20 Dec 2019 05:34
 Operator : JU
 Sample : K6171-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BT0

Manual Integrations
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Sohil
 12/20/2019 4:30:02 PM

Quant Time: Dec 20 06:32:05 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	3598	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	14026	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	8180	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	16176m	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	8520	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	7627	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	5170	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	10051	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.34	128	6945	0.163	ng/ul	98
5) 2-Methylnaphthalene	11.96	142	4253	0.132	ng/ul	100
7) Acenaphthylene	13.89	152	6256	0.146	ng/ul#	94
8) Acenaphthene	14.23	153	3356	0.100	ng/ul	98
9) Fluorene	15.22	166	7040	0.177	ng/ul#	98
12) Phenanthrene	16.95	178	188757	3.356	ng/ul	100
13) Anthracene	17.05	178	29324	0.581	ng/ul	99
15) Fluoranthene	18.98	202	443651	6.896	ng/ul	99
17) Pyrene	19.34	202	332868	7.658	ng/ul	99
18) Benzo(a)anthracene	21.10	228	131160	3.467	ng/ul	98
19) Chrysene	21.15	228	142221	3.741	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	153616m	4.313	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	63312m	1.763	ng/ul	
23) Benzo(a)pyrene	23.16	252	102191	3.274	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.35	276	75577	2.224	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.36	278	17426	0.644	ng/ul#	89
26) Benzo(a,h,i)perylene	25.99	276	74424	2.599	ng/ul	99

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

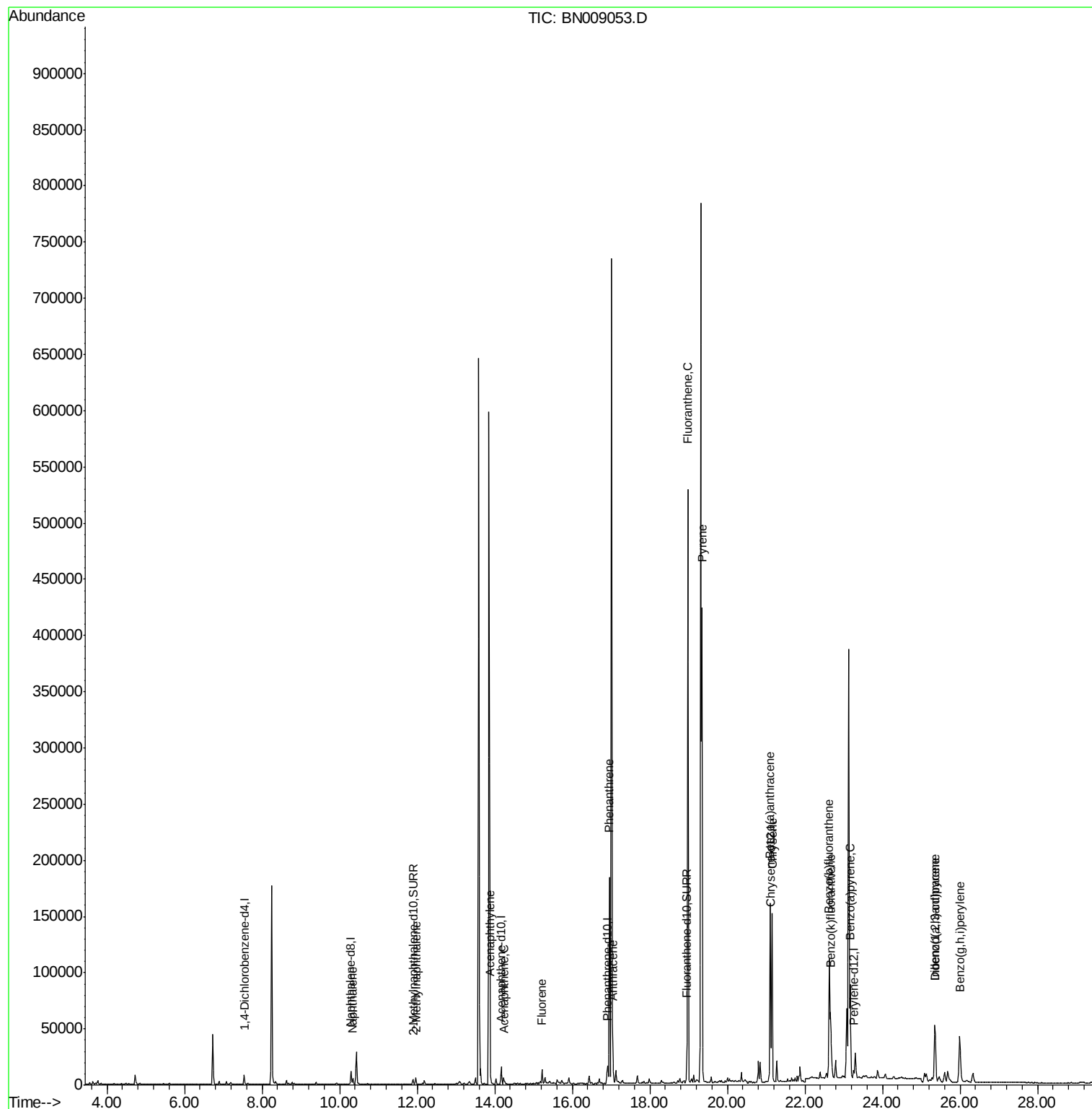
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009053.D
Acq On : 20 Dec 2019 05:34
Operator : JU
Sample : K6171-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

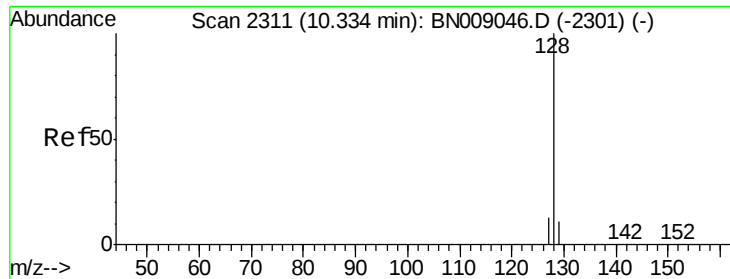
Instrument :
BNA_N
ClientSampleId :
C0BT0

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Quant Time: Dec 20 06:32:05 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: 0.163 ng/ul

RT: 10.34 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

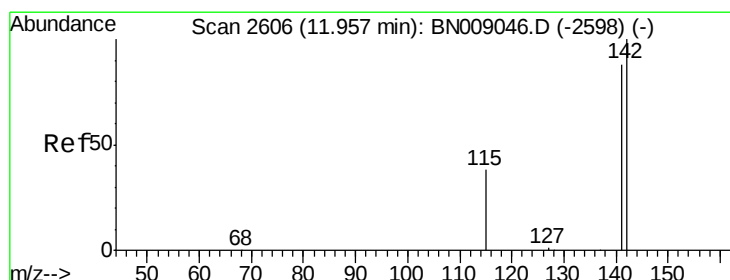
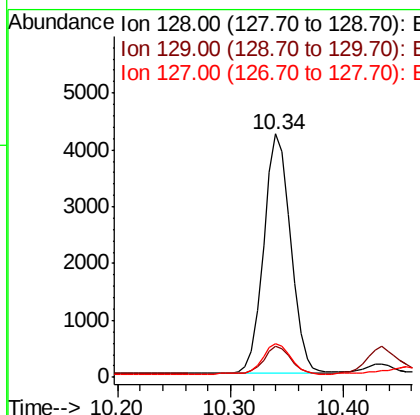
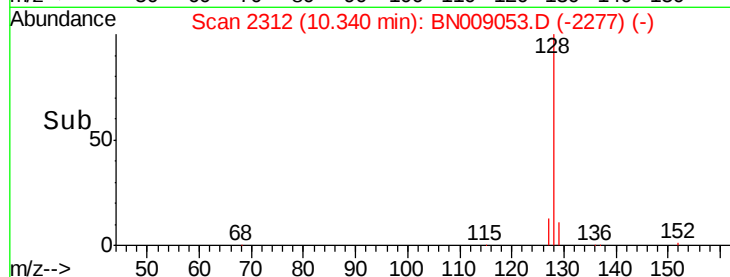
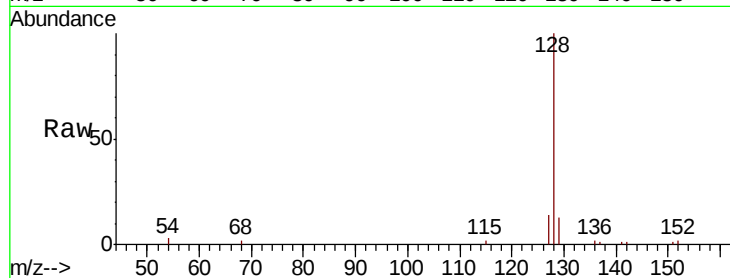
ClientSampleId :

COBT0

Tot Ion:	128	Resp:	6945
Ion Ratio	Lower	Upper	
128	100		
129	12.6	9.0	13.4
127	13.8	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.132 ng/ul

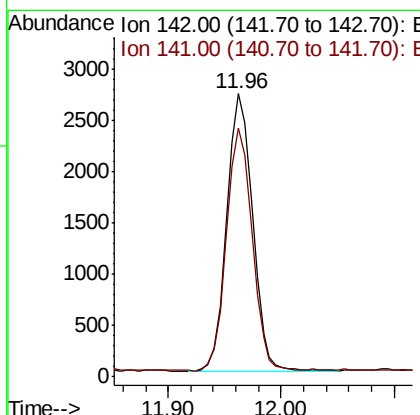
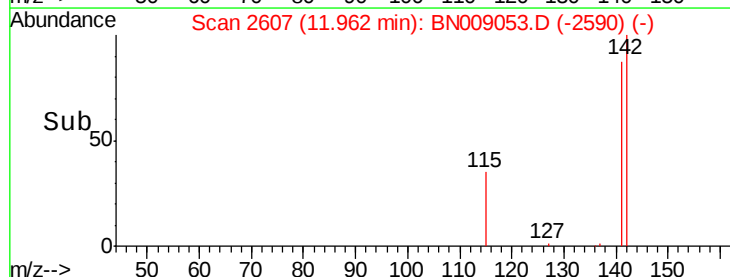
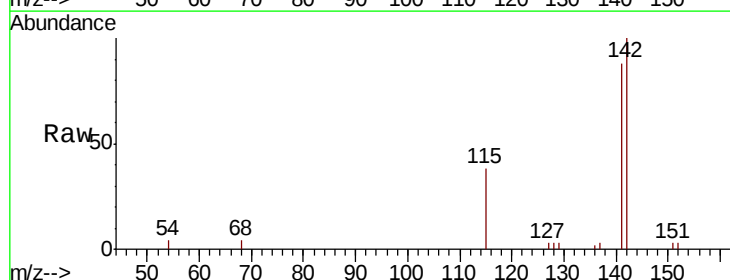
RT: 11.96 min Scan# 2607

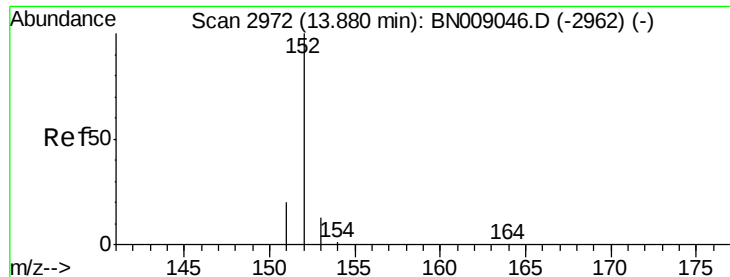
Delta R.T. -0.01 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Tgt Ion:	142	Resp:	4253
Ion Ratio	Lower	Upper	
142	100		
141	88.1	70.2	105.4





#7

Acenaphthylene

Concen: 0.146 ng/ul

RT: 13.89 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

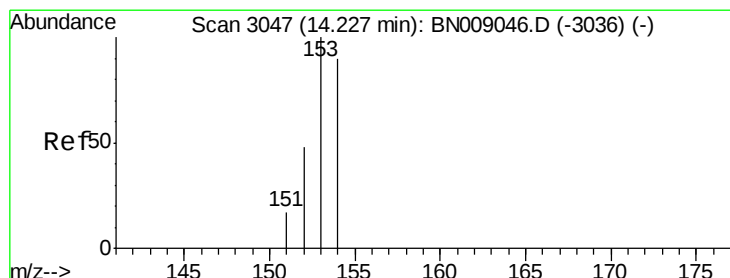
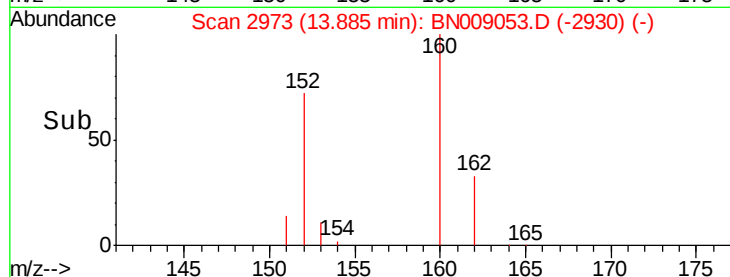
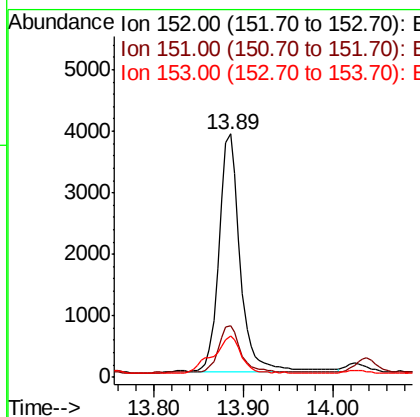
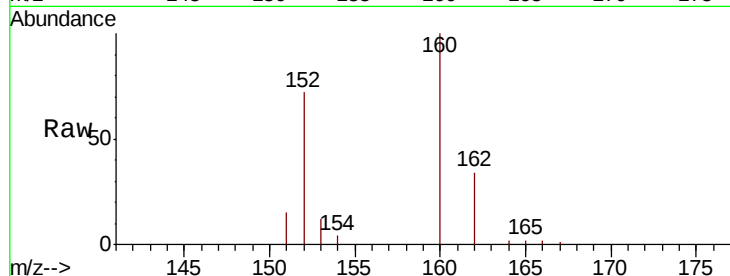
ClientSampled :

COBT0

Tot Ion:	152	Resp:	6256
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.7	23.5
153	17.2	10.8	16.2#

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#8

Acenaphthene

Concen: 0.100 ng/ul

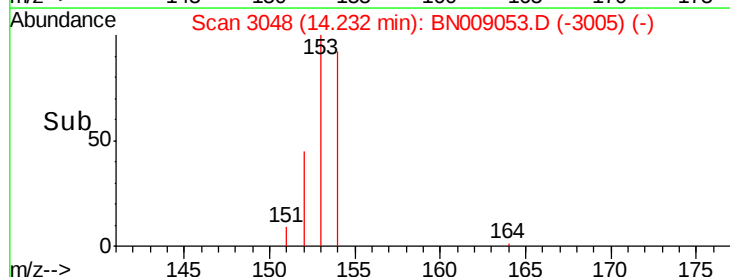
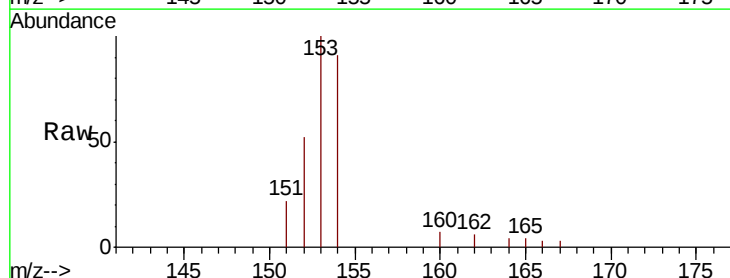
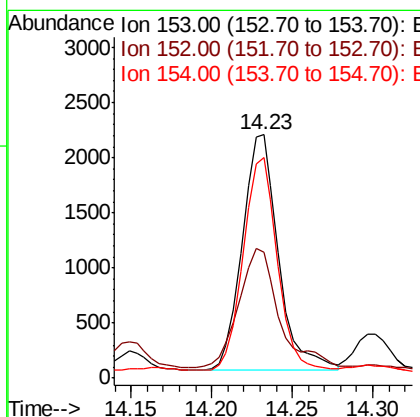
RT: 14.23 min Scan# 3048

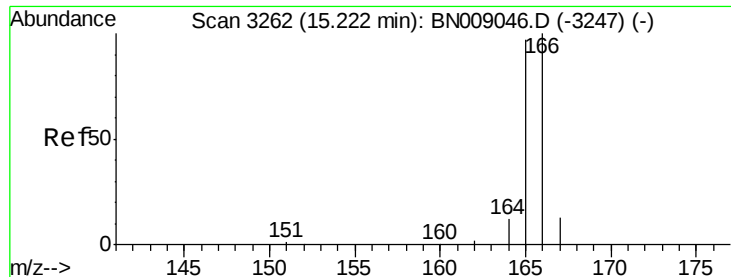
Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Tgt Ion:	153	Resp:	3356
Ion Ratio	Lower	Upper	
153	100		
152	51.8	39.5	59.3
154	90.7	71.3	106.9





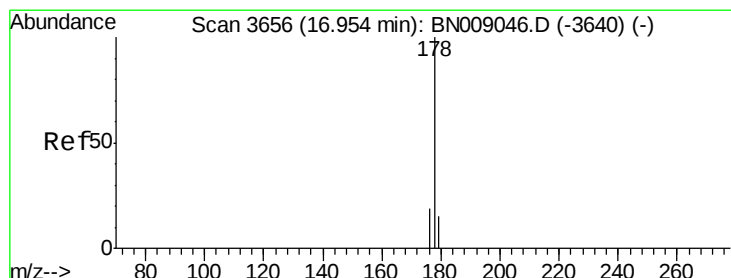
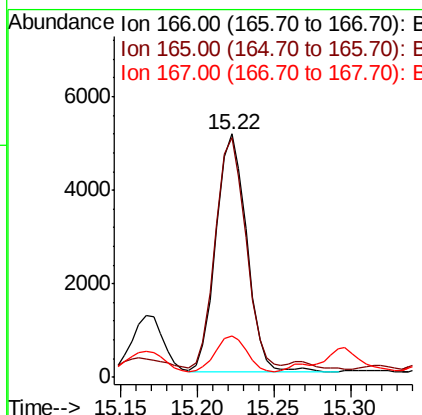
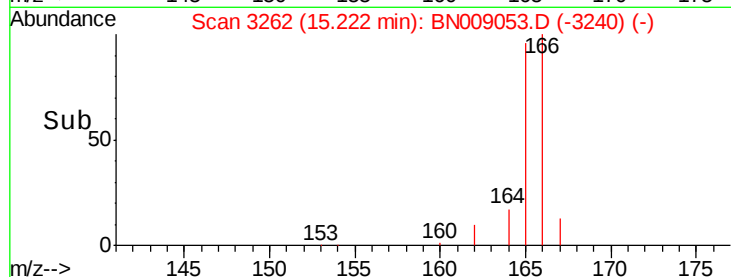
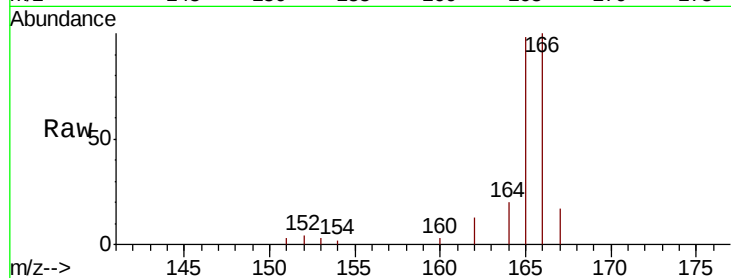
#9
Fluorene
 Concen: 0.177 ng/ul
 RT: 15.22 min Scan# 3262
 Delta R.T. 0.00 min
 Lab File: BN009053.D
 Acq: 20 Dec 2019 05:34

Instrument :
 BNA_N
 ClientSampleId :
 COBT0

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.4
167	17.1	11.0	16.6#

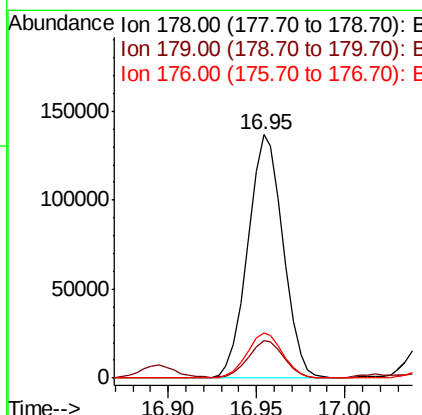
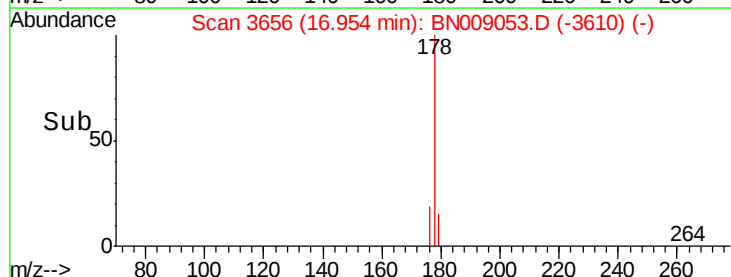
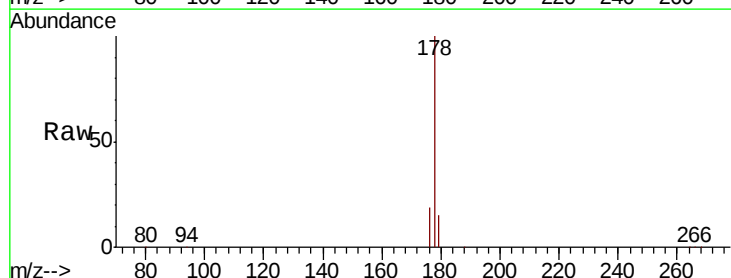
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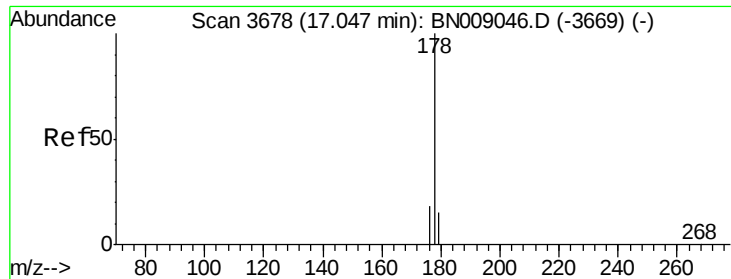
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#12
Phenanthrene
 Concen: 3.356 ng/ul
 RT: 16.95 min Scan# 3656
 Delta R.T. -0.00 min
 Lab File: BN009053.D
 Acq: 20 Dec 2019 05:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.8	15.1	22.7





#13

Anthracene

Concen: 0.581 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

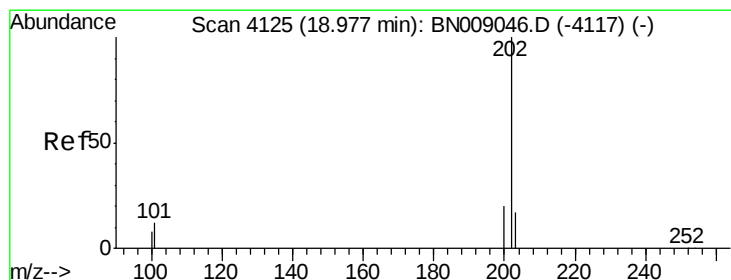
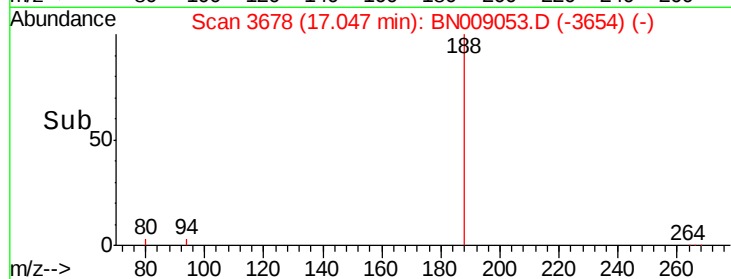
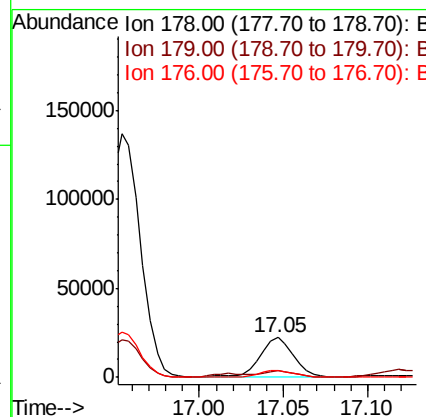
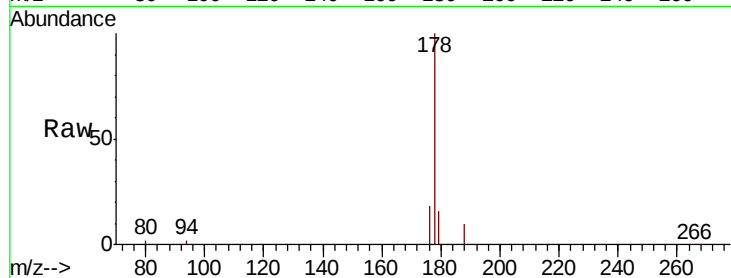
ClientSampleId :

COBT0

Tot Ion:178	Resp:	29324
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.5 18.7
176	18.1	14.9 22.3

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#15

Fluoranthene

Concen: 6.896 ng/ul

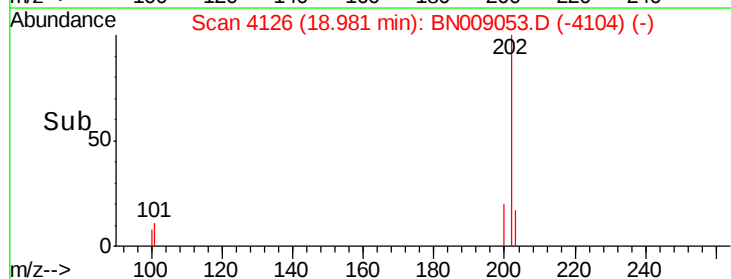
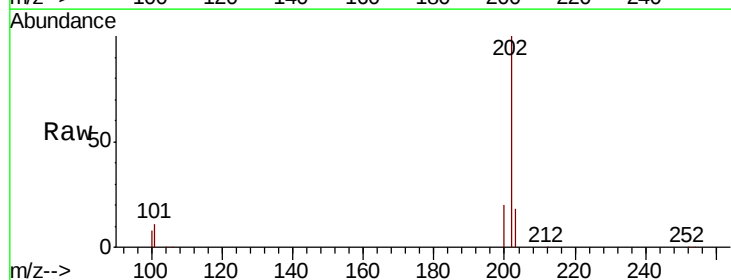
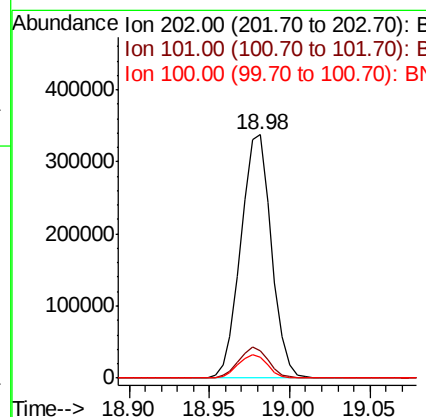
RT: 18.98 min Scan# 4126

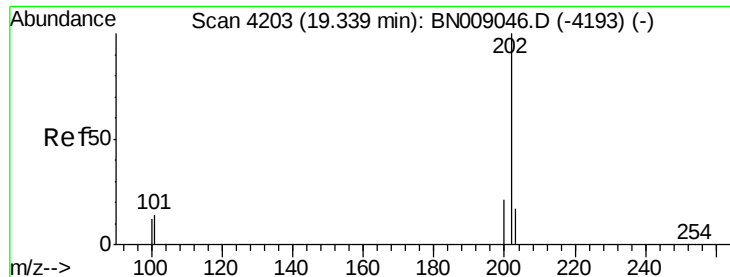
Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Tgt Ion:202	Resp:	443651
Ion Ratio	Lower	Upper
202	100	
101	11.3	0.0 31.5
100	8.3	0.0 28.9





#17

Pvrene

Concen: 7.658 ng/ul

RT: 19.34 min Scan# 4204

Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

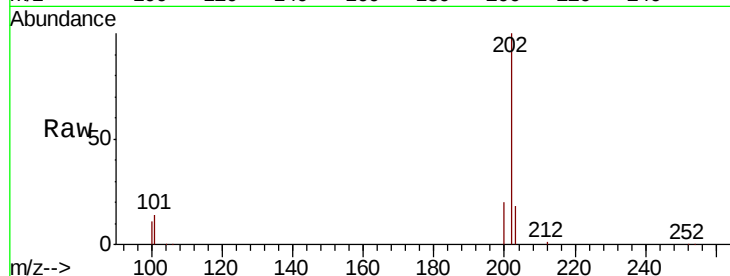
ClientSampleId :

COBT0

Tot Ion:	202	Resp:	332868
Ion Ratio	Lower	Upper	
202	100		
101	13.9	10.9	16.3
100	11.4	9.0	13.6

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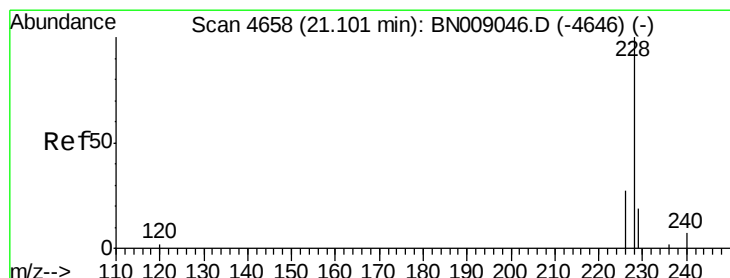
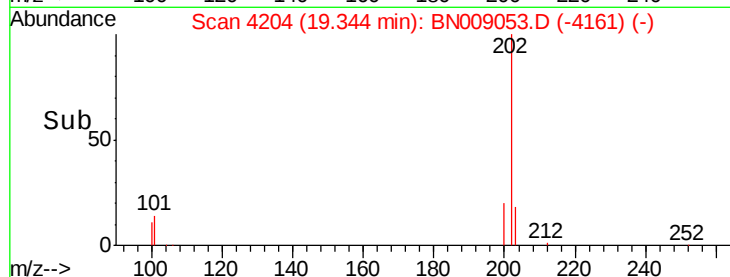
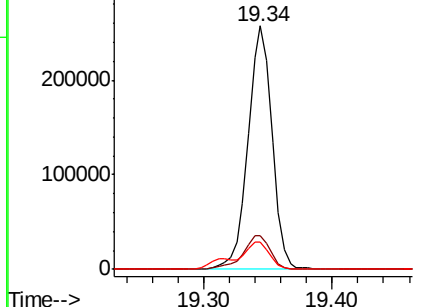
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 3.467 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. -0.00 min

Lab File: BN009053.D

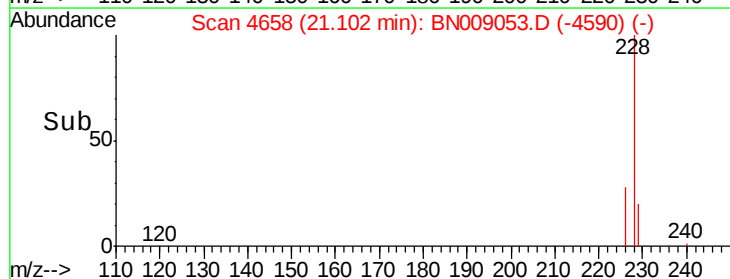
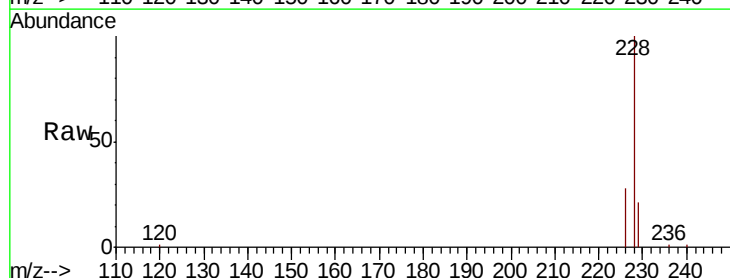
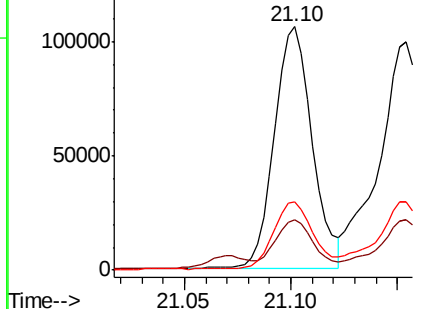
Acq: 20 Dec 2019 05:34

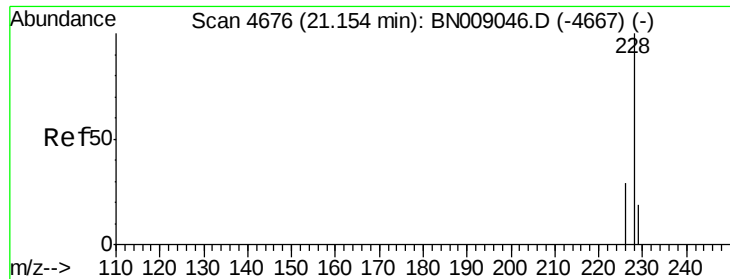
Tgt Ion:	228	Resp:	131160
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.5	23.3
226	28.0	21.7	32.5

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: 3.741 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

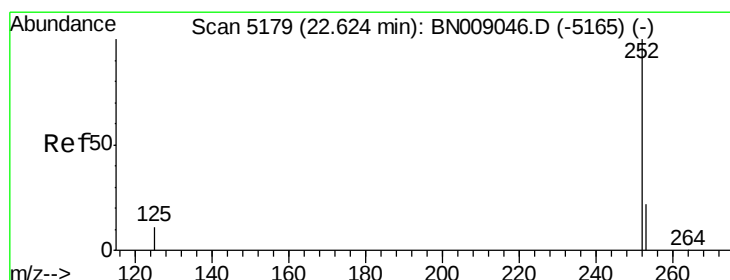
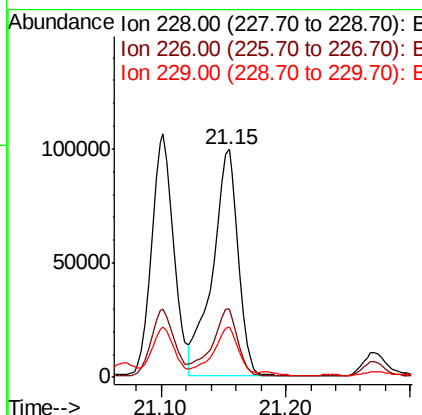
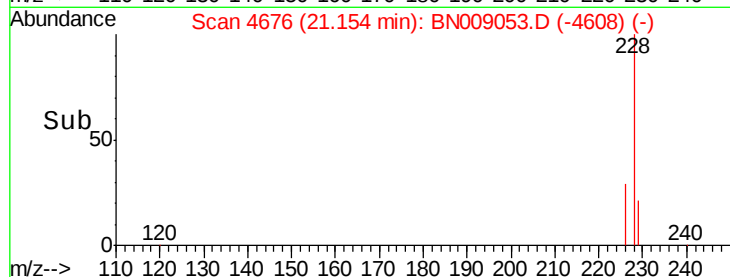
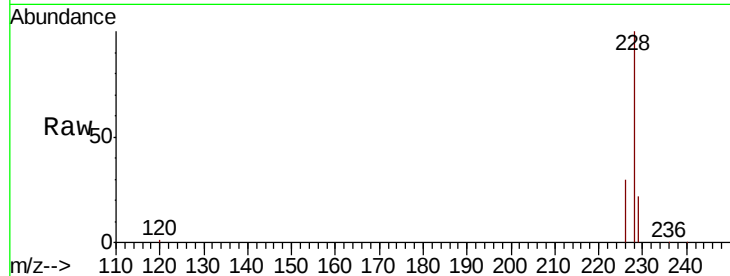
ClientSampleId :

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Tot Ion:	228	Resp:	142221
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.7	35.5
229	21.9	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 4.313 ng/ul m

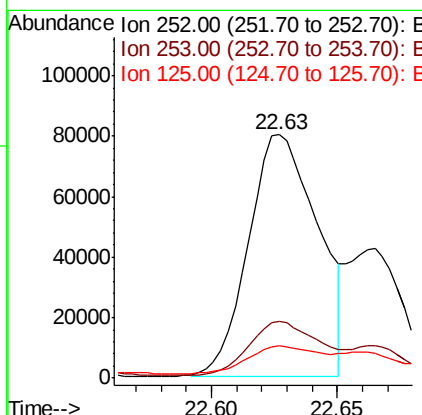
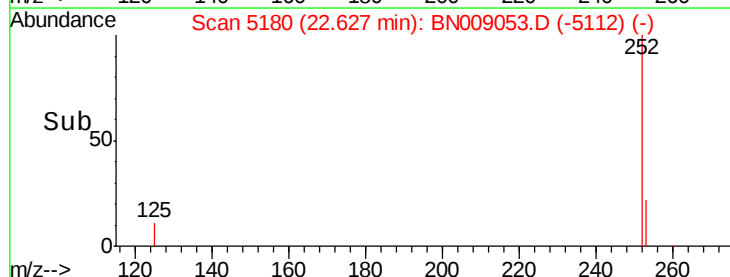
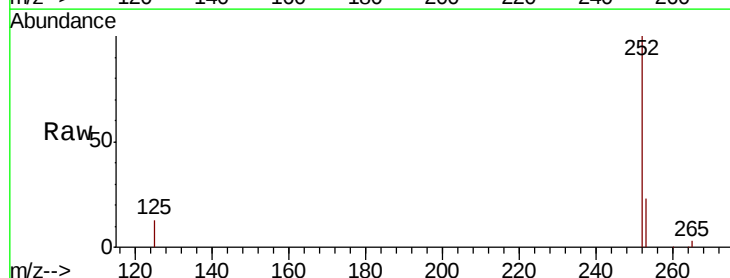
RT: 22.63 min Scan# 5180

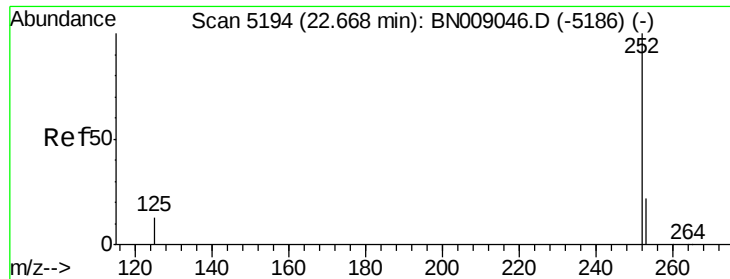
Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Tgt Ion:	252	Resp:	153616
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	48.2
125	13.2	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 1.763 ng/ul m

RT: 22.66 min Scan# 5193

Delta R.T. -0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

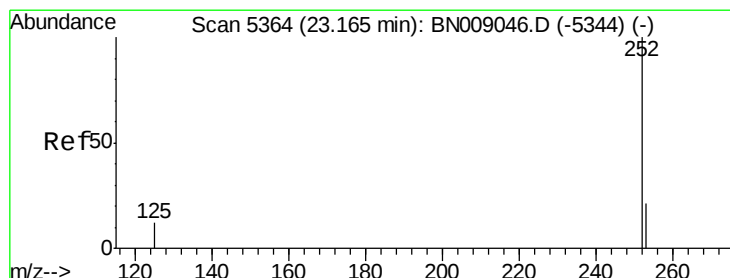
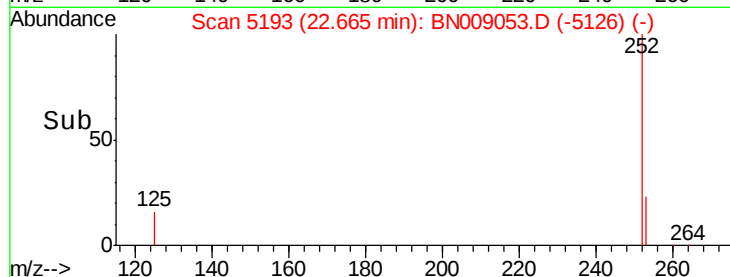
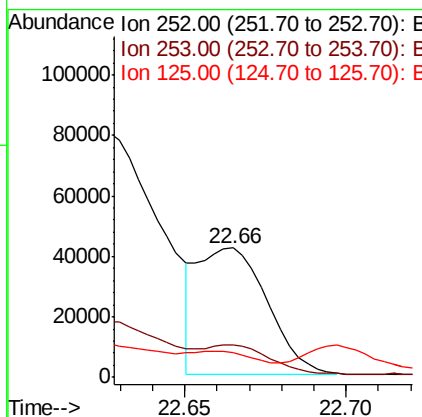
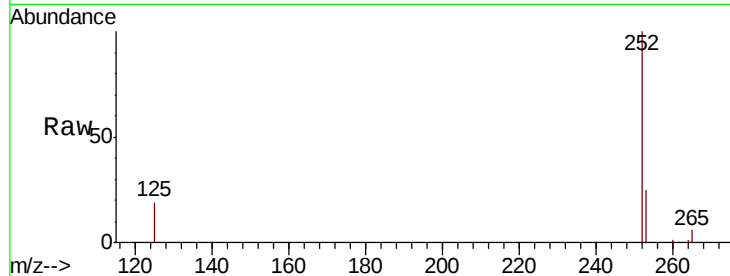
ClientSampleId :

COBT0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.4	29.0
125	19.1	12.4	18.6

Manual Integrations
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#23

Benzo(a)pyrene

Concen: 3.274 ng/ul

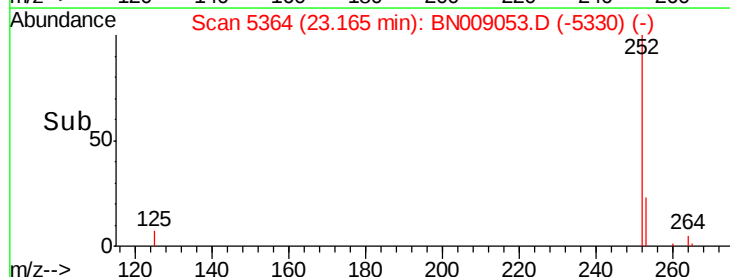
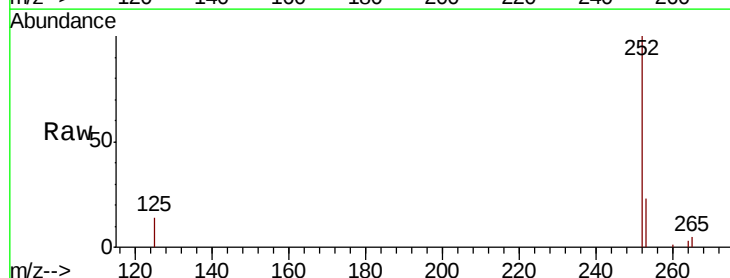
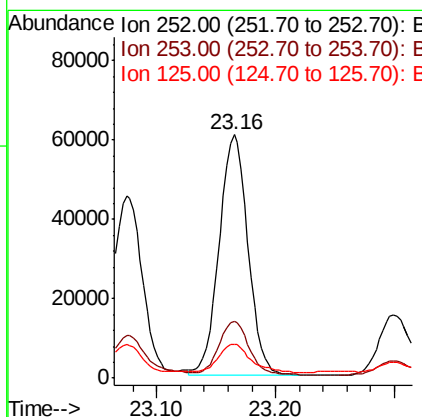
RT: 23.16 min Scan# 5364

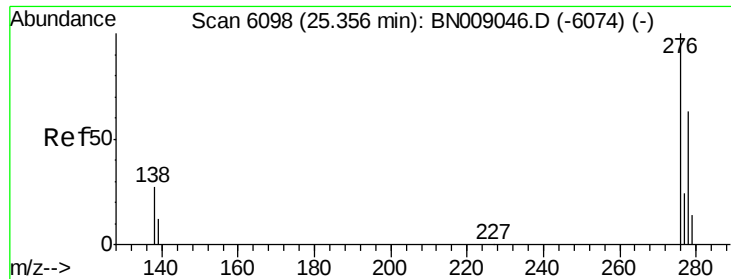
Delta R.T. 0.00 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.2	30.4
125	14.1	13.2	19.8





#24

Indeno(1,2,3-cd)pyrene

Concen: 2.224 ng/ul

RT: 25.35 min Scan# 6097

Delta R.T. -0.01 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Instrument :

BNA_N

ClientSampleId :

COBT0

Tot Ion:276 Resp: 75577

Ion Ratio Lower Upper

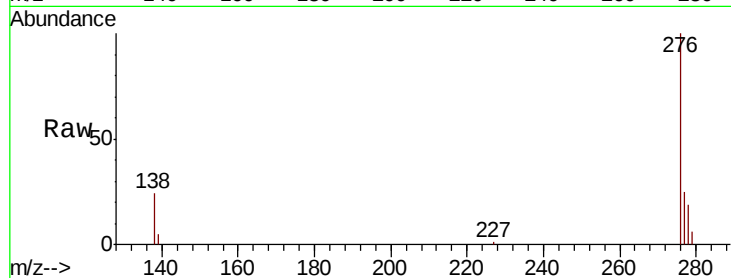
276 100

138 22.8 22.4 33.6

227 0.5 0.2 0.4#

Manual Integrations
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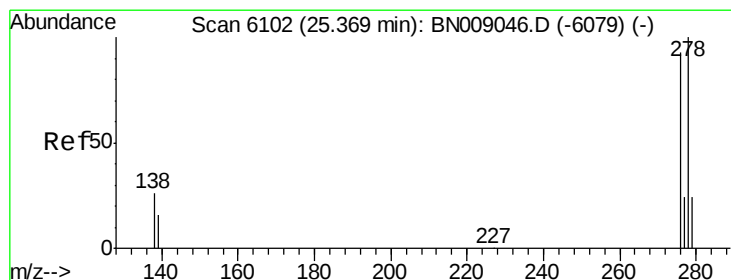
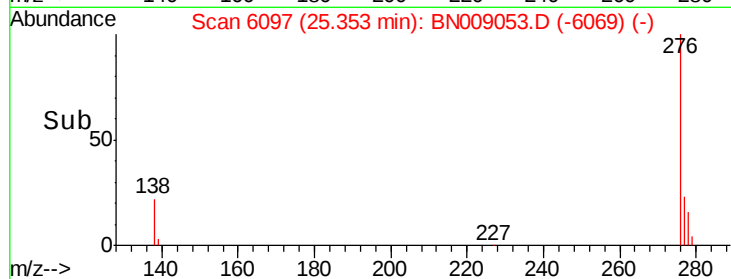
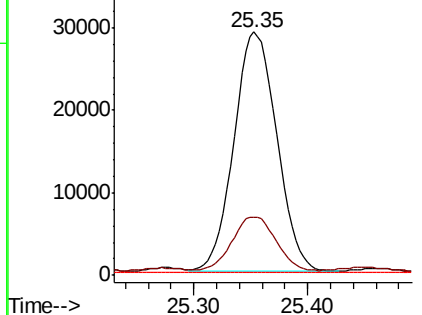
Sohil
12/20/2019 4:30:02 PM



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: 0.644 ng/ul

RT: 25.36 min Scan# 6100

Delta R.T. -0.01 min

Lab File: BN009053.D

Acq: 20 Dec 2019 05:34

Tgt Ion:278 Resp: 17426

Ion Ratio Lower Upper

278 100

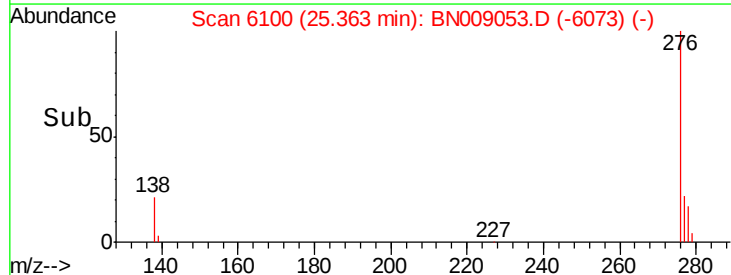
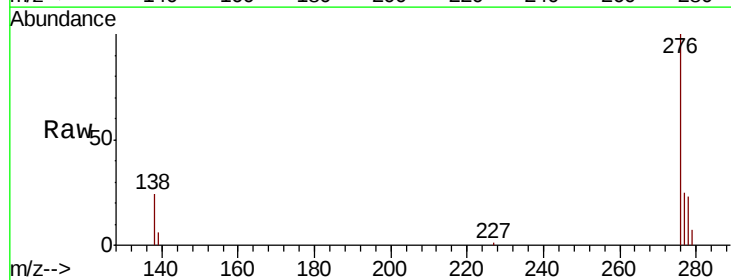
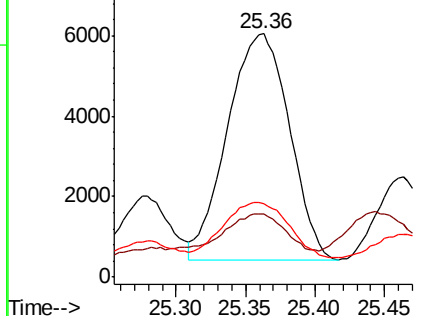
139 25.8 16.2 24.2#

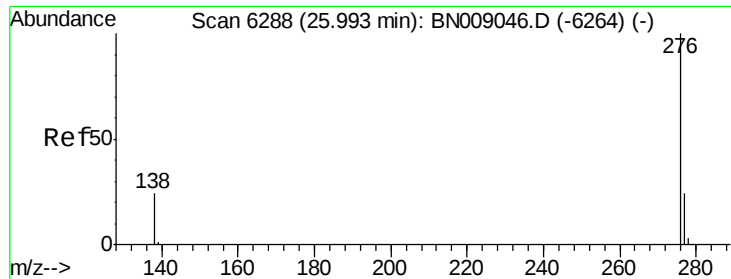
279 30.2 20.3 30.5

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: 2.599 ng/ul
RT: 25.99 min Scan# 6288
Delta R.T. 0.00 min
Lab File: BN009053.D
Acq: 20 Dec 2019 05:34

Instrument :
BNA_N
ClientSampleId :
C0BT0

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.6	30.8
277	24.6	19.6	29.4

Manual Integrations
APPROVED

Sohil
12/20/2019 4:30:02 PM

