

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
 Data File : BN008956.D
 Acq On : 12 Dec 2019 21:26
 Operator : JU
 Sample : K6089-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BR2

Manual Integrations
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Quant Time: Dec 13 01:38:13 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 : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	12289	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	8248	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17964	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14938	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	13933	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3557	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	10341	0.19	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.36	128	65277	1.762	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	60944	2.356	ng/ul	100
7) Acenaphthylene	13.90	152	14065	0.308	ng/ul#	92
8) Acenaphthene	14.25	153	996	0.029	ng/ul#	91
9) Fluorene	15.24	166	2935	0.074	ng/ul#	59
12) Phenanthrene	16.97	178	102163	1.686	ng/ul	99
13) Anthracene	17.06	178	9021	0.158	ng/ul#	92
15) Fluoranthene	18.99	202	96026	1.290	ng/ul	99
17) Pyrene	19.35	202	92972	1.551	ng/ul	100
18) Benzo(a)anthracene	21.11	228	66751	1.111	ng/ul	92
19) Chrysene	21.16	228	90239m	1.529	ng/ul	
21) Benzo(b)fluoranthene	22.64	252	112571m	1.959	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	30380m	0.533	ng/ul	
23) Benzo(a)pyrene	23.18	252	59853	1.110	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.38	276	36968	0.586	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.38	278	10639	0.209	ng/ul#	83
26) Benzo(g,h,i)perylene	26.02	276	34750	0.659	ng/ul	98

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

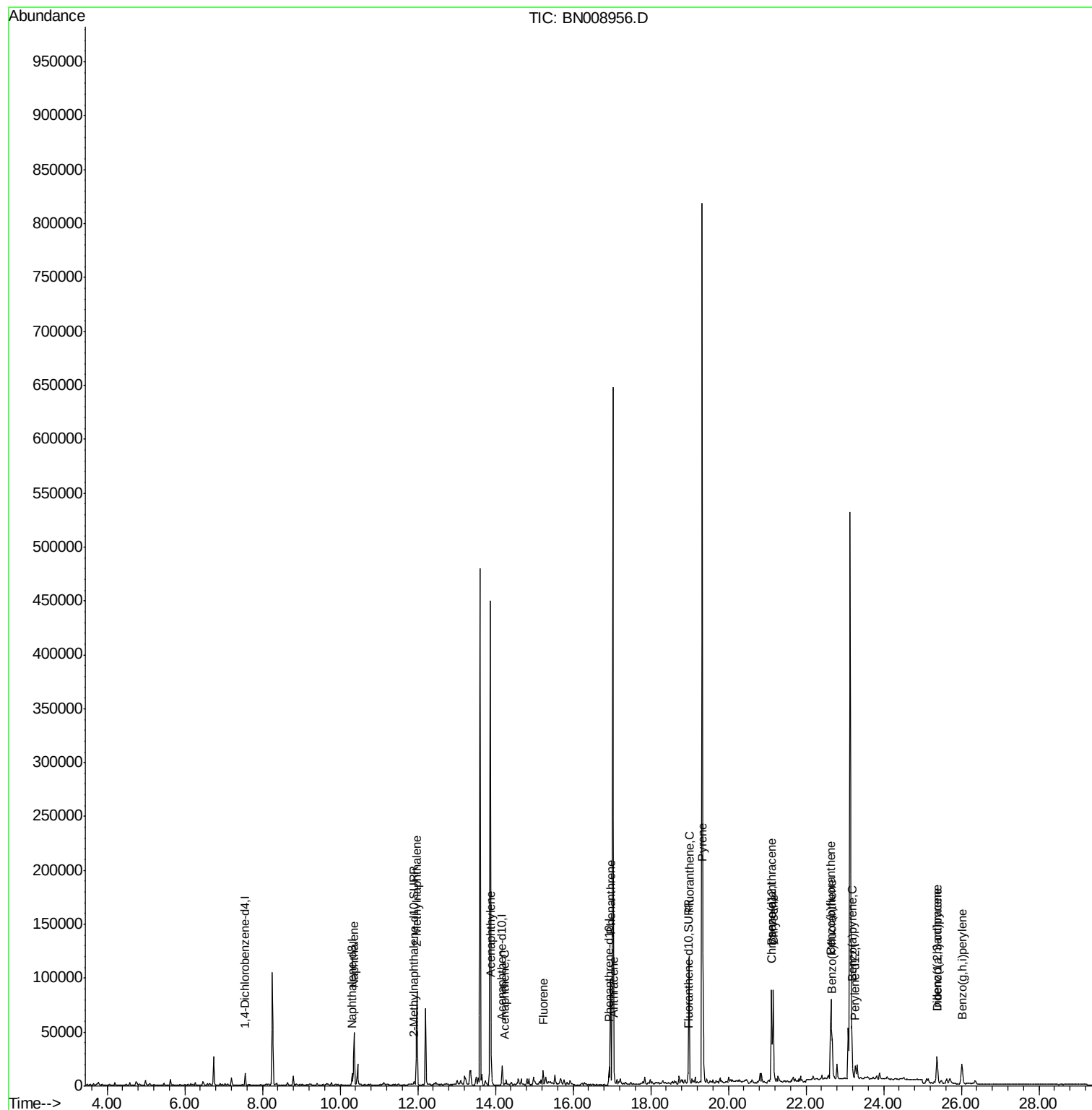
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
Data File : BN008956.D
Acq On : 12 Dec 2019 21:26
Operator : JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

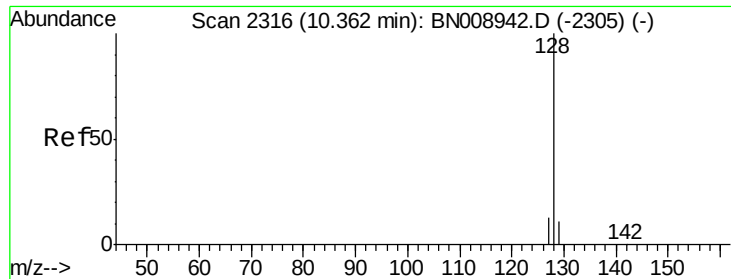
Instrument :
BNA_N
ClientSampleId :
C0BR2

Quant Time: Dec 13 01:38:13 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 : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

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#3

Naphthalene

Concen: 1.762 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008956.D

Acq: 12 Dec 2019 21:26

Instrument :

BNA_N

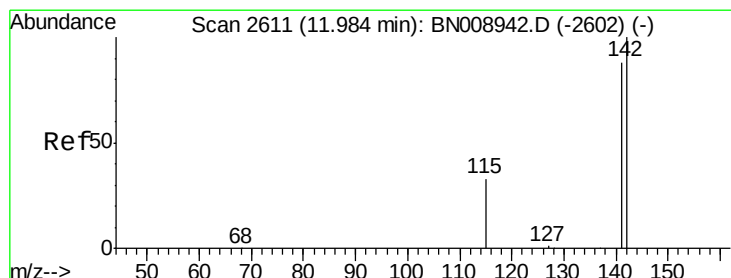
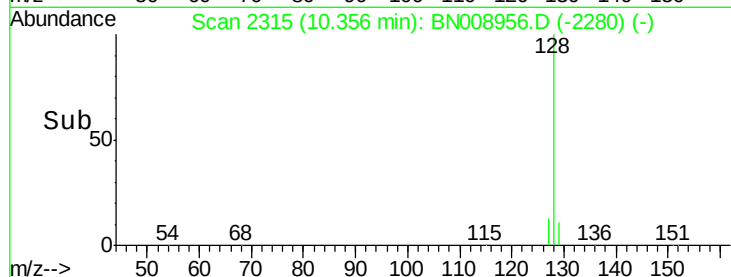
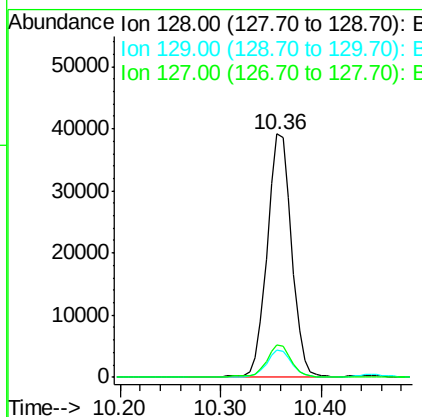
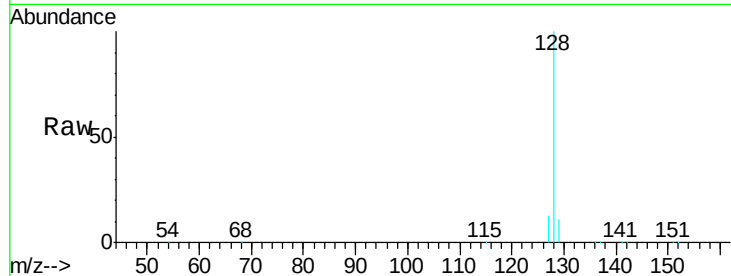
ClientSampleId :

C0BR2

Tgt Ion:	128	Resp:	65277
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.1	13.7
127	13.1	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 2.356 ng/ul

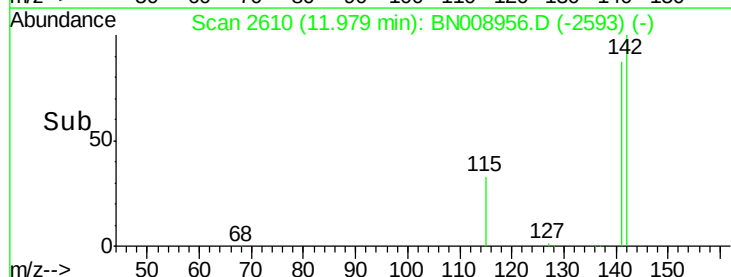
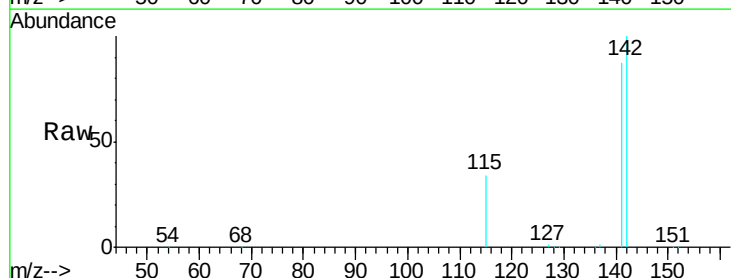
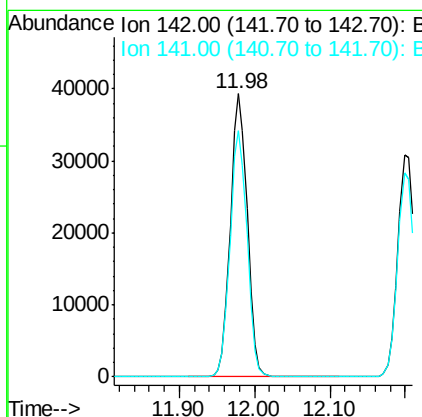
RT: 11.98 min Scan# 2610

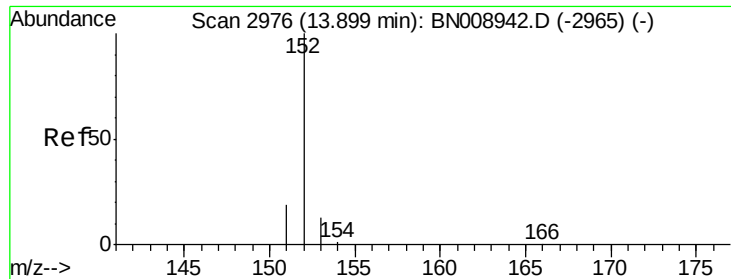
Delta R.T. -0.01 min

Lab File: BN008956.D

Acq: 12 Dec 2019 21:26

Tgt Ion:	142	Resp:	60944
Ion Ratio	Lower	Upper	
142	100		
141	87.7	70.1	105.1





#7

Acenaphthylene

Concen: 0.308 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008956.D

Acq: 12 Dec 2019 21:26

Instrument :

BNA_N

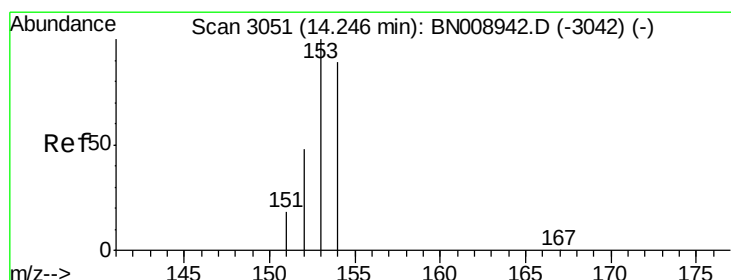
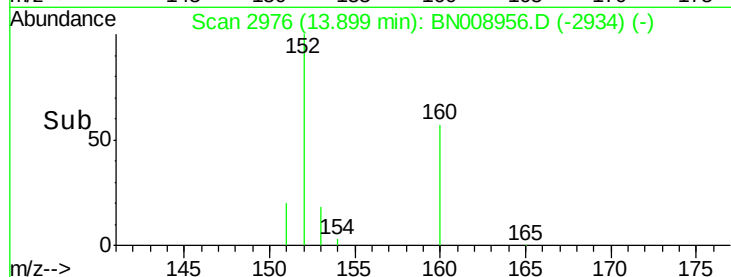
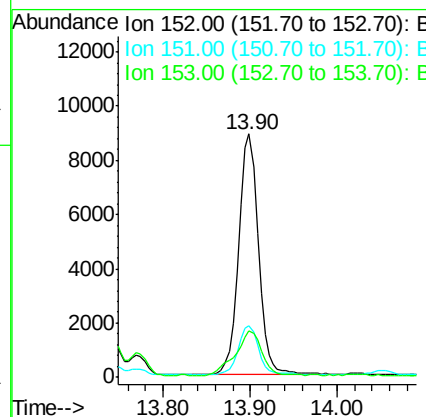
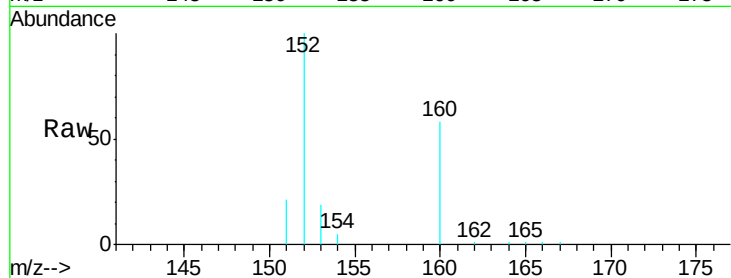
ClientSampled :

C0BR2

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.6
153	19.1	10.6	15.8

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#8

Acenaphthene

Concen: 0.029 ng/ul

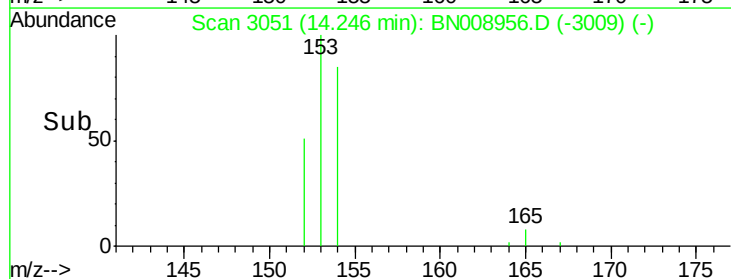
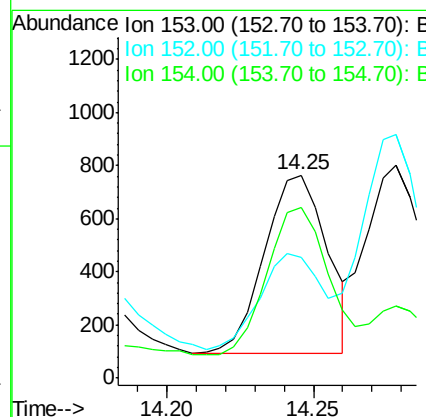
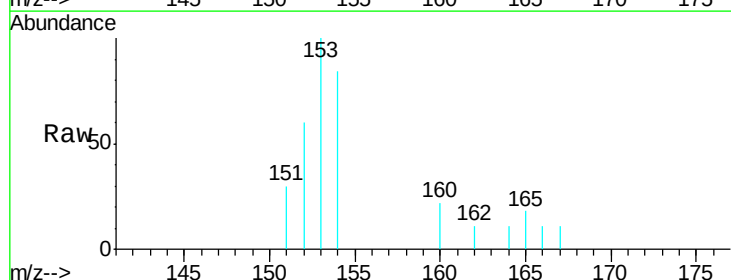
RT: 14.25 min Scan# 3051

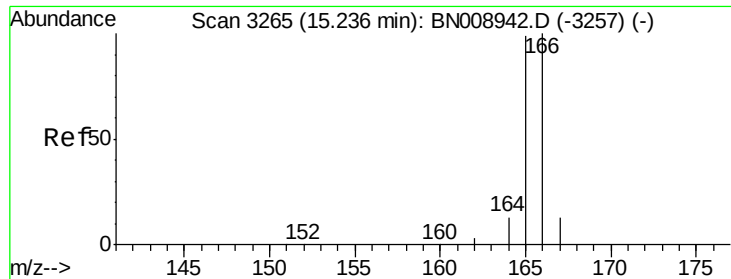
Delta R.T. -0.00 min

Lab File: BN008956.D

Acq: 12 Dec 2019 21:26

Tgt Ion	Ratio	Lower	Upper
153	100		
152	59.6	38.6	58.0
154	84.3	70.6	105.8





#9

Fluorene

Concen: 0.074 ng/ul

RT: 15.24 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BN008956.D

Acq: 12 Dec 2019 21:26

Instrument :

BNA_N

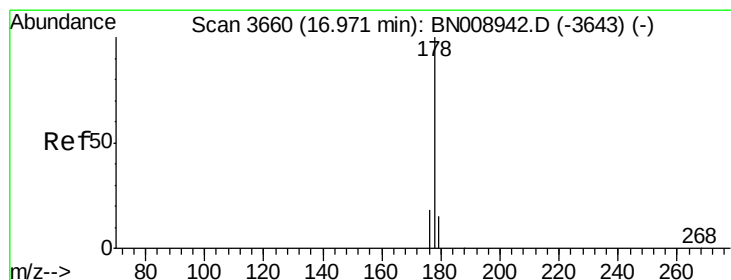
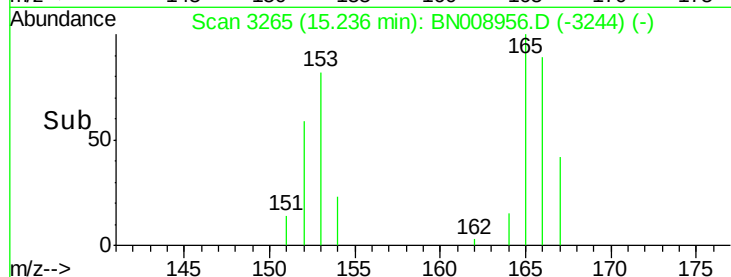
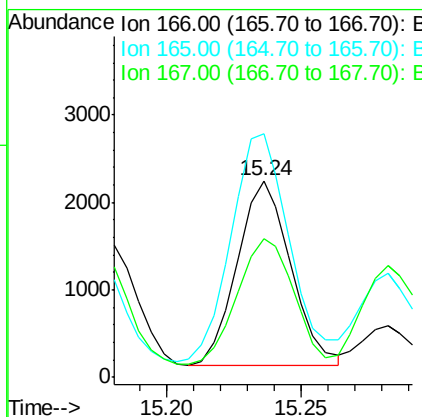
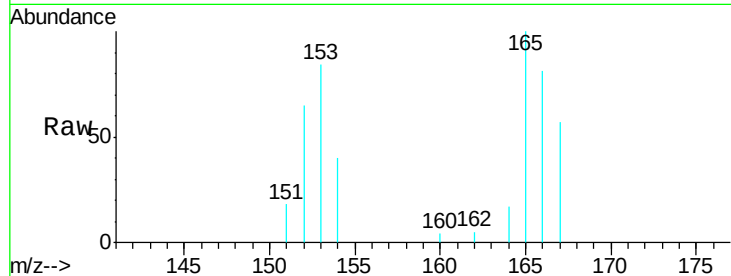
ClientSampled :

C0BR2

Tgt Ion:	166	Resp:	2935
Ion Ratio	Lower	Upper	
166	100		
165	123.9	77.7	116.5#
167	70.9	11.1	16.7#

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#12

Phenanthrene

Concen: 1.686 ng/ul

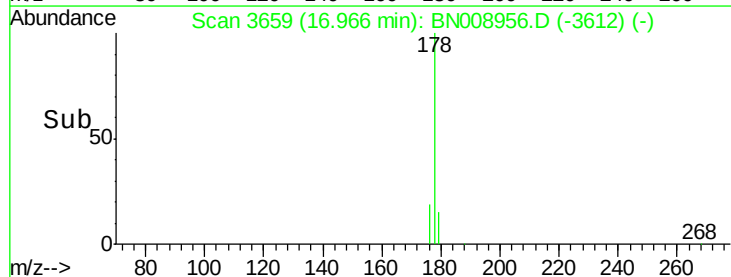
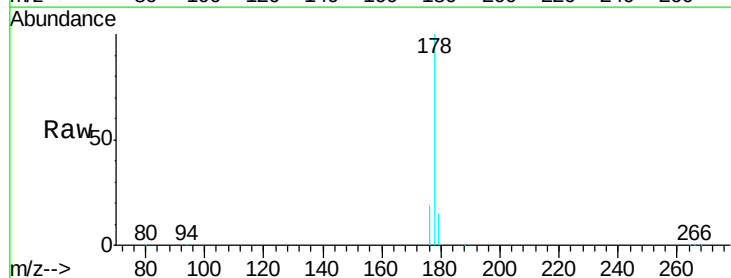
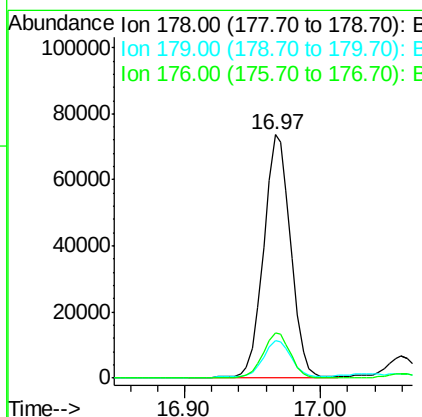
RT: 16.97 min Scan# 3659

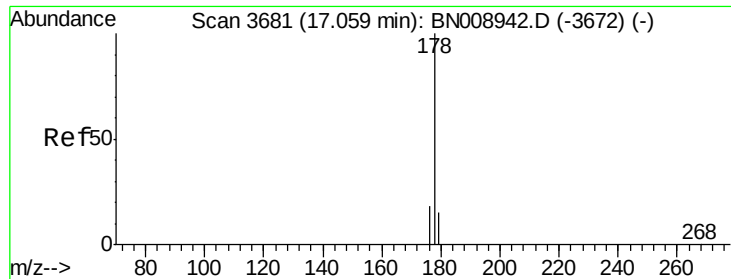
Delta R.T. -0.00 min

Lab File: BN008956.D

Acq: 12 Dec 2019 21:26

Tgt Ion:	178	Resp:	102163
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	18.8
176	18.7	15.3	22.9





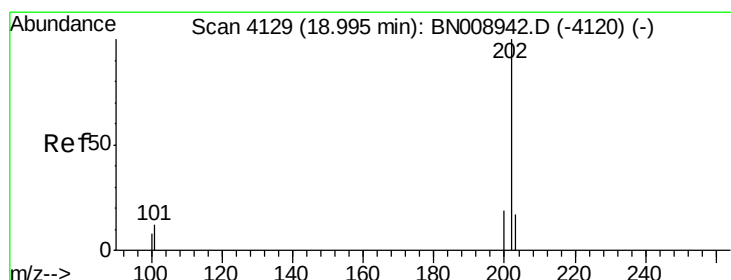
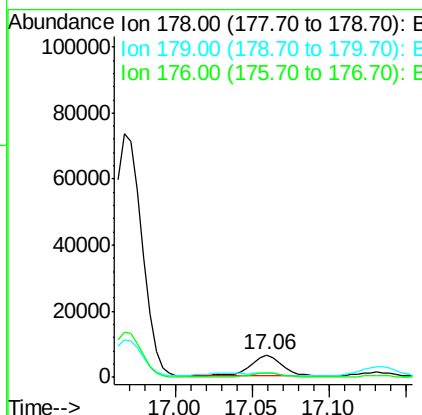
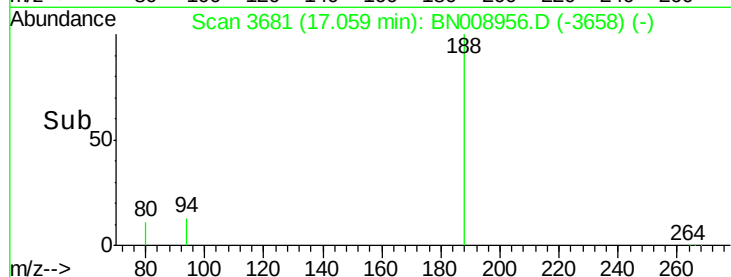
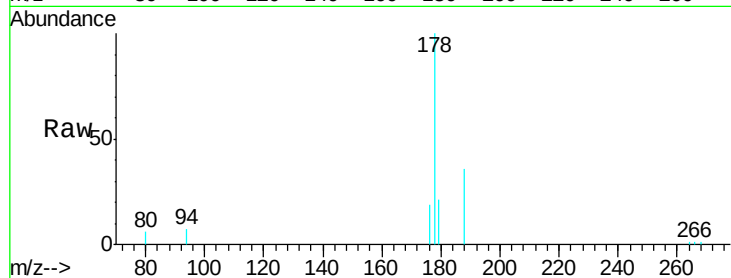
#13
 Anthracene
 Concen: 0.158 ng/ul
 RT: 17.06 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: BN008956.D
 Acq: 12 Dec 2019 21:26

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.3	12.2	18.4#
176	19.5	14.7	22.1

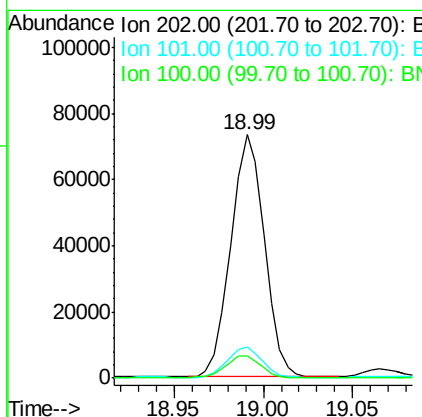
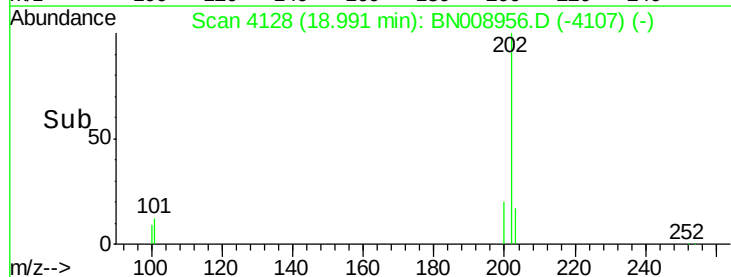
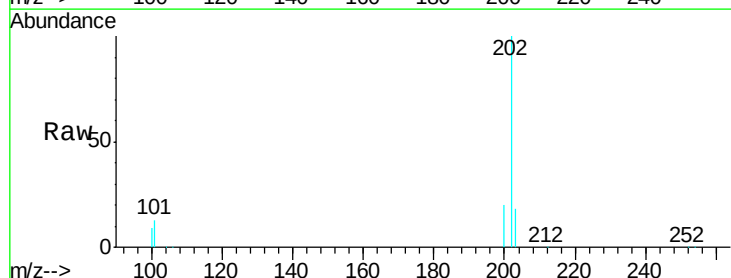
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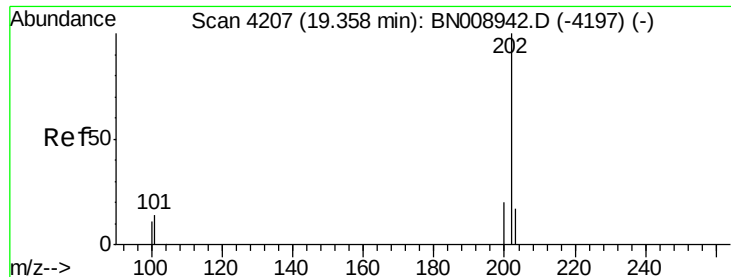
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#15
 Fluoranthene
 Concen: 1.290 ng/ul
 RT: 18.99 min Scan# 4128
 Delta R.T. -0.00 min
 Lab File: BN008956.D
 Acq: 12 Dec 2019 21:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.4
100	9.3	0.0	29.2





#17

Pyrene

Concen: 1.551 ng/ul

RT: 19.35 min Scan# 4206

Delta R.T. -0.00 min

Lab File: BN008956.D

Acq: 12 Dec 2019 21:26

Instrument :

BNA_N

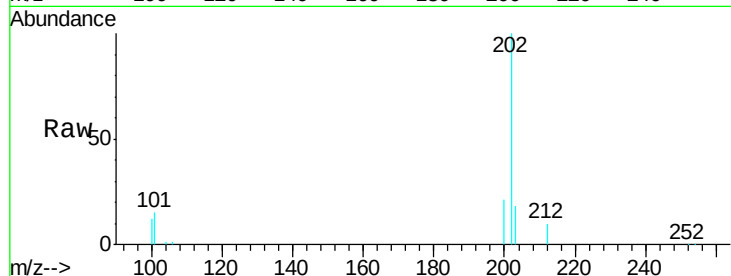
ClientSampleId :

C0BR2

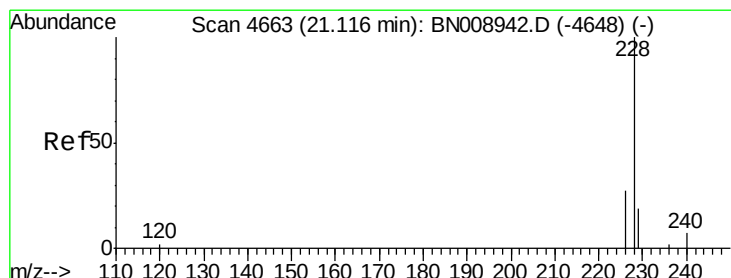
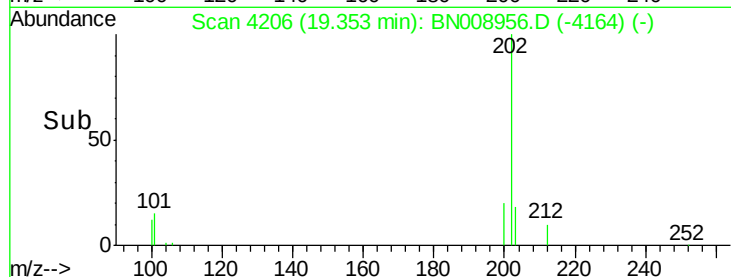
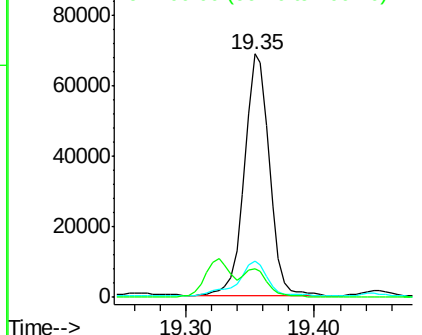
Tgt Ion:	202	Resp:	92972
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.2	18.4
100	11.9	9.5	14.3

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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: 1.111 ng/ul

RT: 21.11 min Scan# 4662

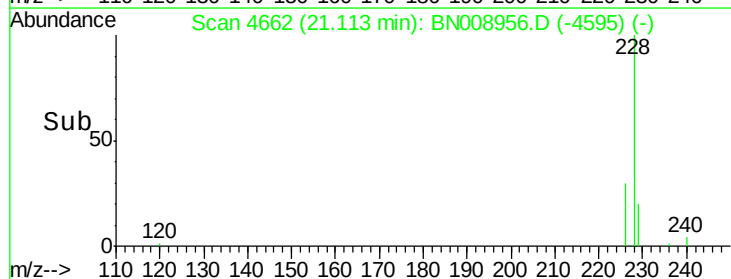
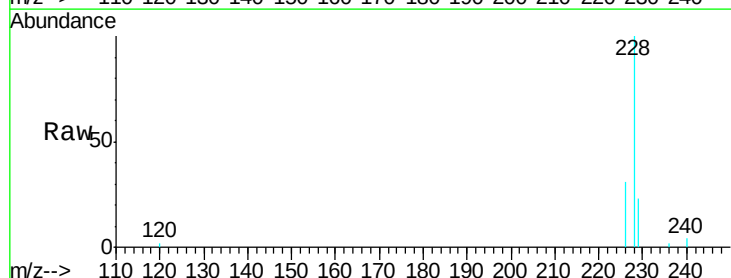
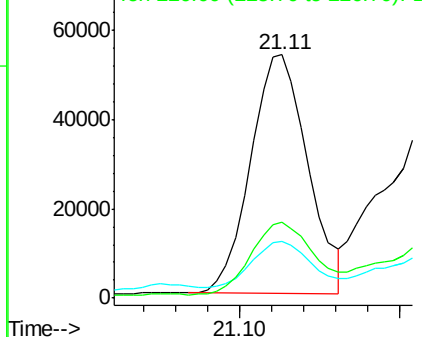
Delta R.T. -0.01 min

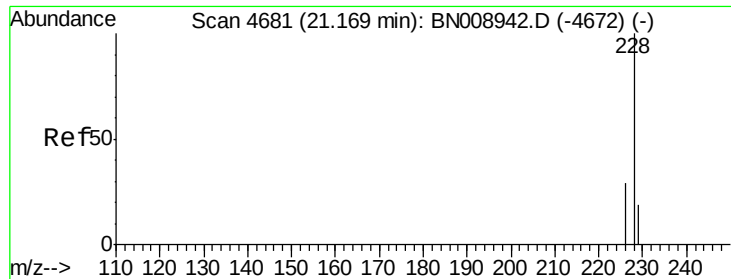
Lab File: BN008956.D

Acq: 12 Dec 2019 21:26

Tgt Ion:	228	Resp:	66751
Ion Ratio	Lower	Upper	
228	100		
229	23.4	15.7	23.5
226	31.4	21.5	32.3

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: 1.529 ng/ul m

RT: 21.16 min Scan# 4679

Delta R.T. -0.01 min

Lab File: BN008956.D

Acq: 12 Dec 2019 21:26

Instrument :

BNA_N

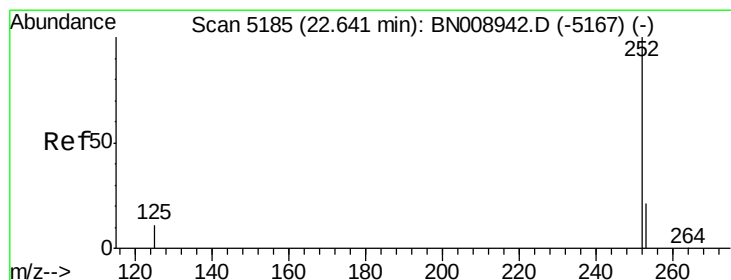
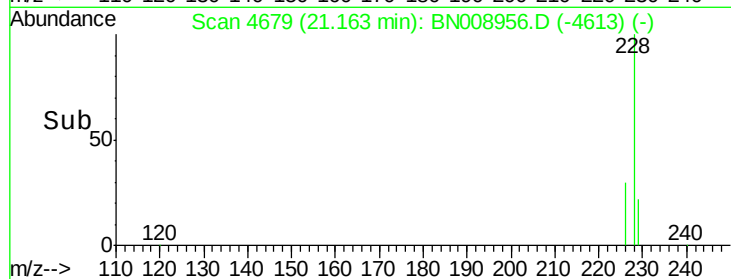
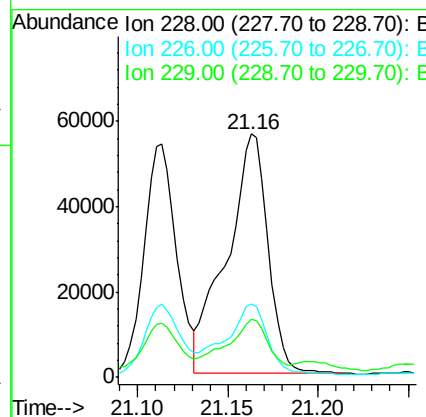
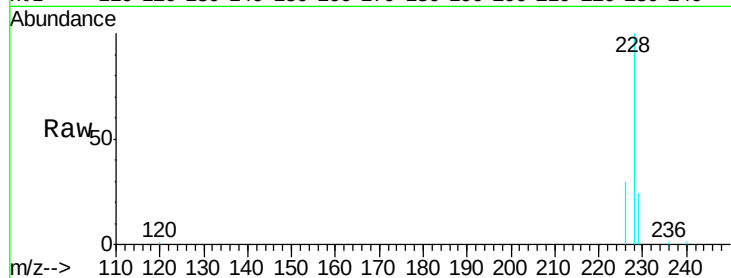
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Tgt Ion:	228	Resp:	90239
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.8	35.6
229	23.6	15.6	23.4#

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#21

Benzo(b)fluoranthene

Concen: 1.959 ng/ul m

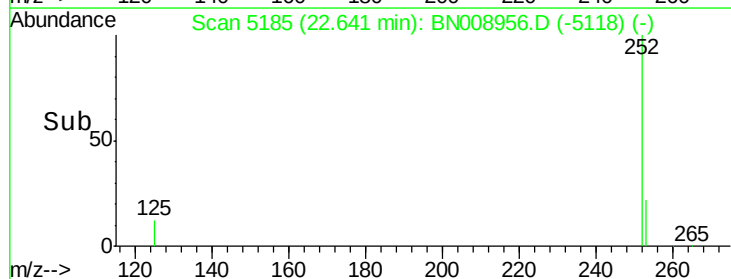
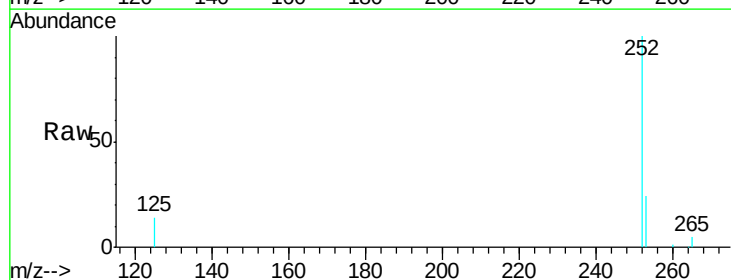
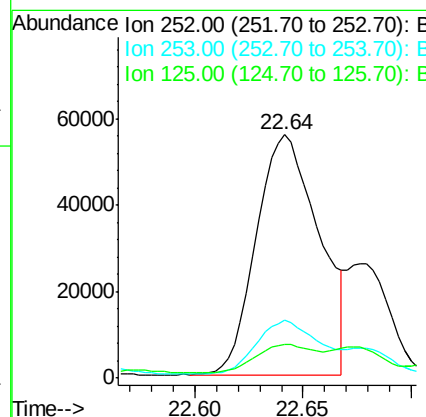
RT: 22.64 min Scan# 5185

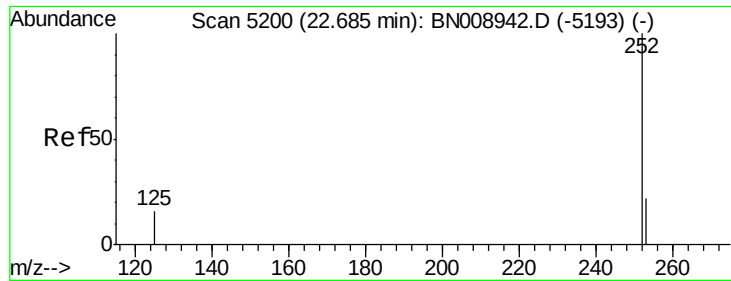
Delta R.T. -0.01 min

Lab File: BN008956.D

Acq: 12 Dec 2019 21:26

Tgt Ion:	252	Resp:	112571
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	48.6
125	13.6	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.533 ng/ul m

RT: 22.68 min Scan# 5197

Delta R.T. -0.01 min

Lab File: BN008956.D

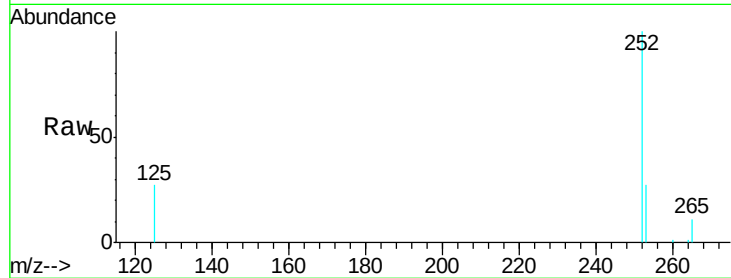
Acq: 12 Dec 2019 21:26

Instrument :

BNA_N

ClientSampleId :

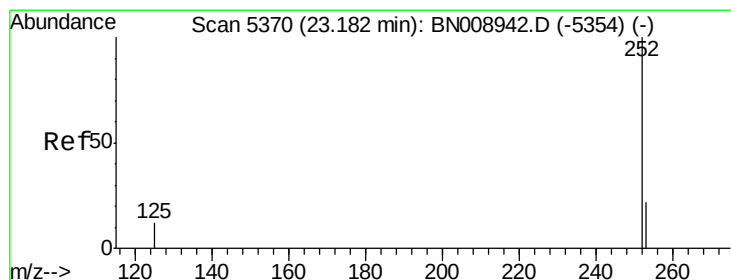
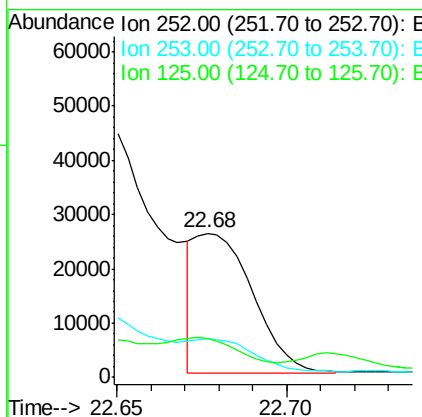
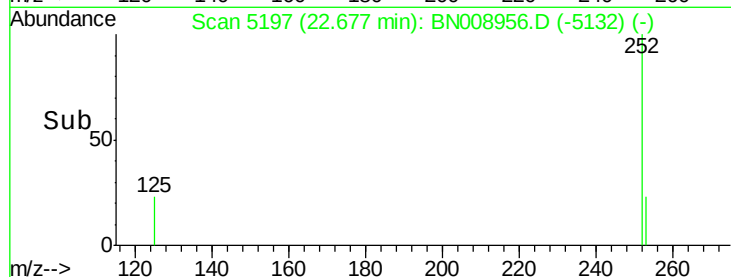
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.6	29.4
125	26.8	13.8	20.6

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#23

Benzo(a)pyrene

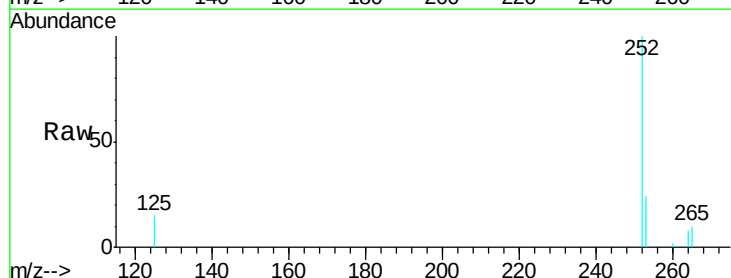
Concen: 1.110 ng/ul

RT: 23.18 min Scan# 5369

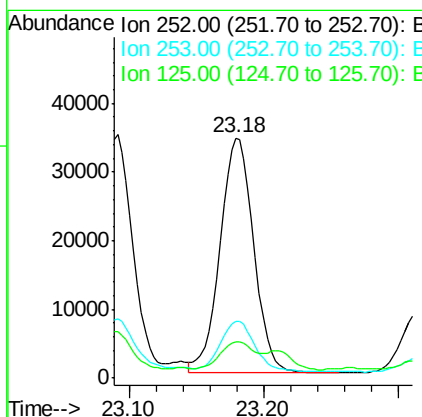
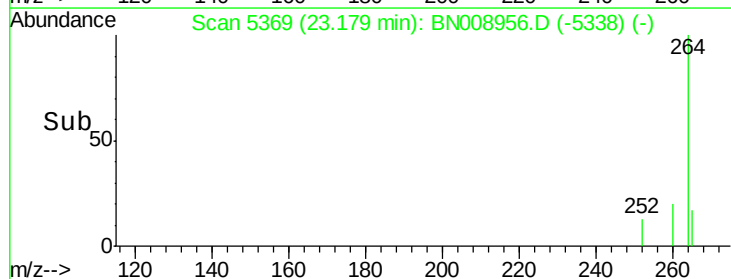
Delta R.T. -0.01 min

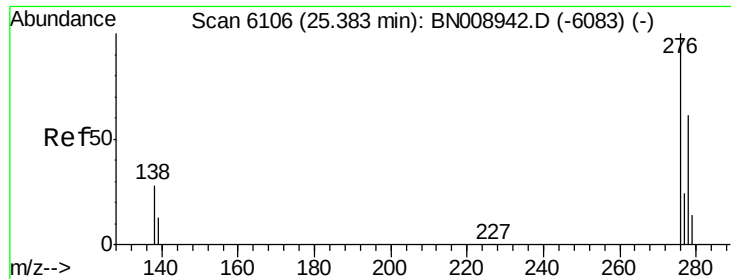
Lab File: BN008956.D

Acq: 12 Dec 2019 21:26



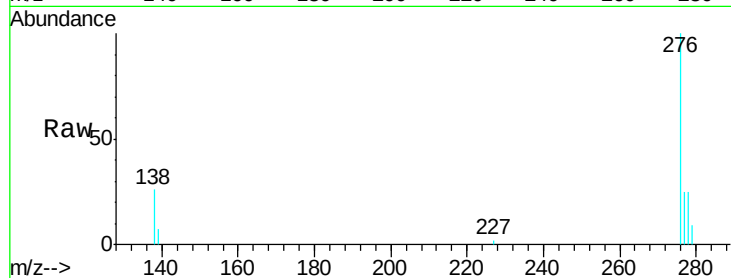
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.9	29.9
125	15.3	14.6	22.0





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.586 ng/ul
RT: 25.38 min Scan# 6104
Delta R.T. -0.01 min
Lab File: BN008956.D
Acq: 12 Dec 2019 21:26

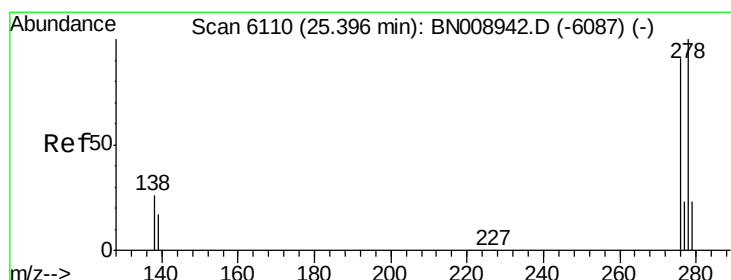
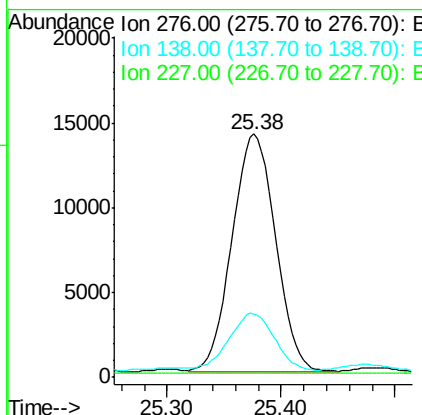
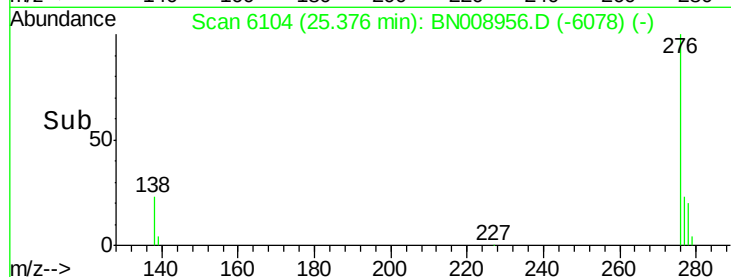
Instrument :
BNA_N
ClientSampleId :
C0BR2



Tgt Ion: 276 Resp: 36968
Ion Ratio Lower Upper
276 100
138 24.8 23.8 35.6
227 0.5 0.2 0.2#

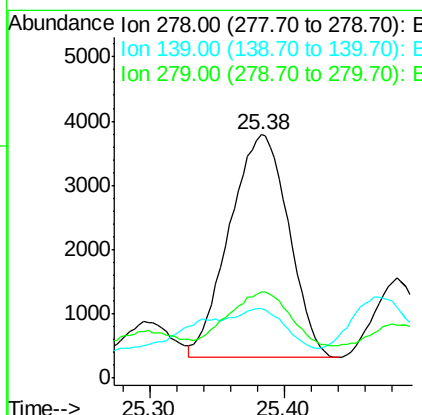
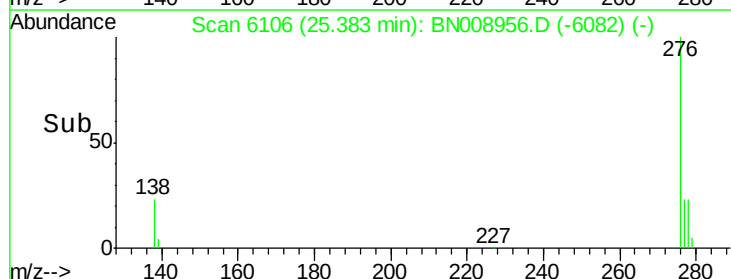
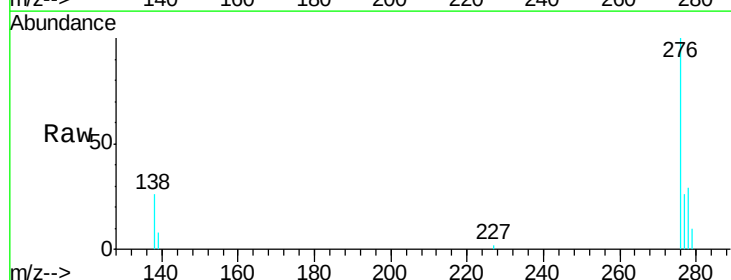
Manual Integrations
APPROVED

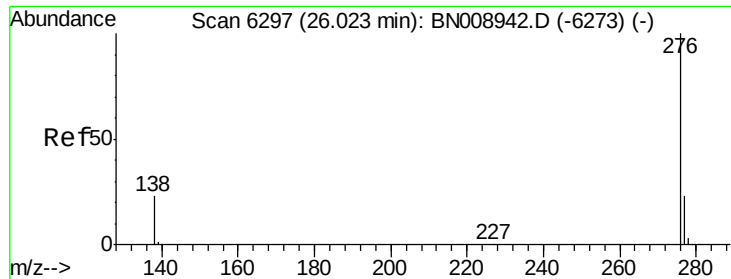
mohammad
12/13/2019 9:08:07 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.209 ng/ul
RT: 25.38 min Scan# 6106
Delta R.T. -0.02 min
Lab File: BN008956.D
Acq: 12 Dec 2019 21:26

Tgt Ion: 278 Resp: 10639
Ion Ratio Lower Upper
278 100
139 28.5 17.4 26.0#
279 35.5 20.5 30.7#





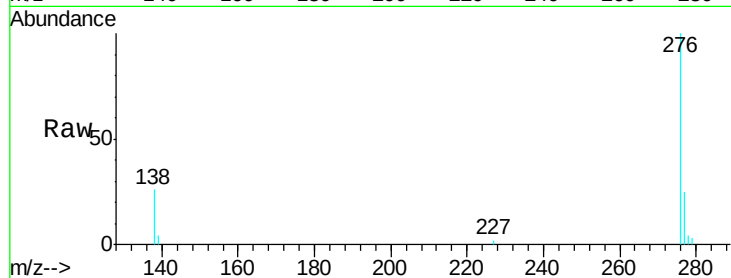
#26
Benzo(g,h,i)perylene
Concen: 0.659 ng/ul
RT: 26.02 min Scan# 6295
Delta R.T. -0.01 min
Lab File: BN008956.D
Acq: 12 Dec 2019 21:26

Instrument :
BNA_N
ClientSampleId :
C0BR2

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.0	21.9	32.9
277	24.8	19.9	29.9

Manual Integrations
APPROVED

mohammad
12/13/2019 9:08:07 AM



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

