

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009236.D
 Acq On : 28 Dec 2019 19:53
 Operator : JU
 Sample : K6278-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C48

Manual Integrations
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 12/29/2019 5:32:58 PM

Quant Time: Dec 29 05:27:59 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 04:38:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2247	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8277	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4715	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9602	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7693	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7671	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2966	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	6180	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	17010	0.678	ng/ul	99
5) 2-Methylnaphthalene	11.93	142	10591	0.558	ng/ul	100
7) Acenaphthylene	13.86	152	8058	0.325	ng/ul#	74
8) Acenaphthene	14.20	153	984	0.051	ng/ul	94
9) Fluorene	15.19	166	1521	0.066	ng/ul#	92
12) Phenanthrene	16.93	178	50122	1.501	ng/ul	100
13) Anthracene	17.02	178	9229	0.308	ng/ul	98
15) Fluoranthene	18.95	202	106147	2.780	ng/ul	99
17) Pyrene	19.32	202	89820	2.289	ng/ul	98
18) Benzo(a)anthracene	21.07	228	46359	1.357	ng/ul	97
19) Chrysene	21.12	228	57969	1.689	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	81379m	2.272	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	25694m	0.711	ng/ul	
23) Benzo(a)pyrene	23.12	252	48855	1.556	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.30	276	42676	1.248	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.31	278	9730	0.358	ng/ul#	89
26) Benzo(a,h,i)perylene	25.94	276	42652	1.481	ng/ul	98

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

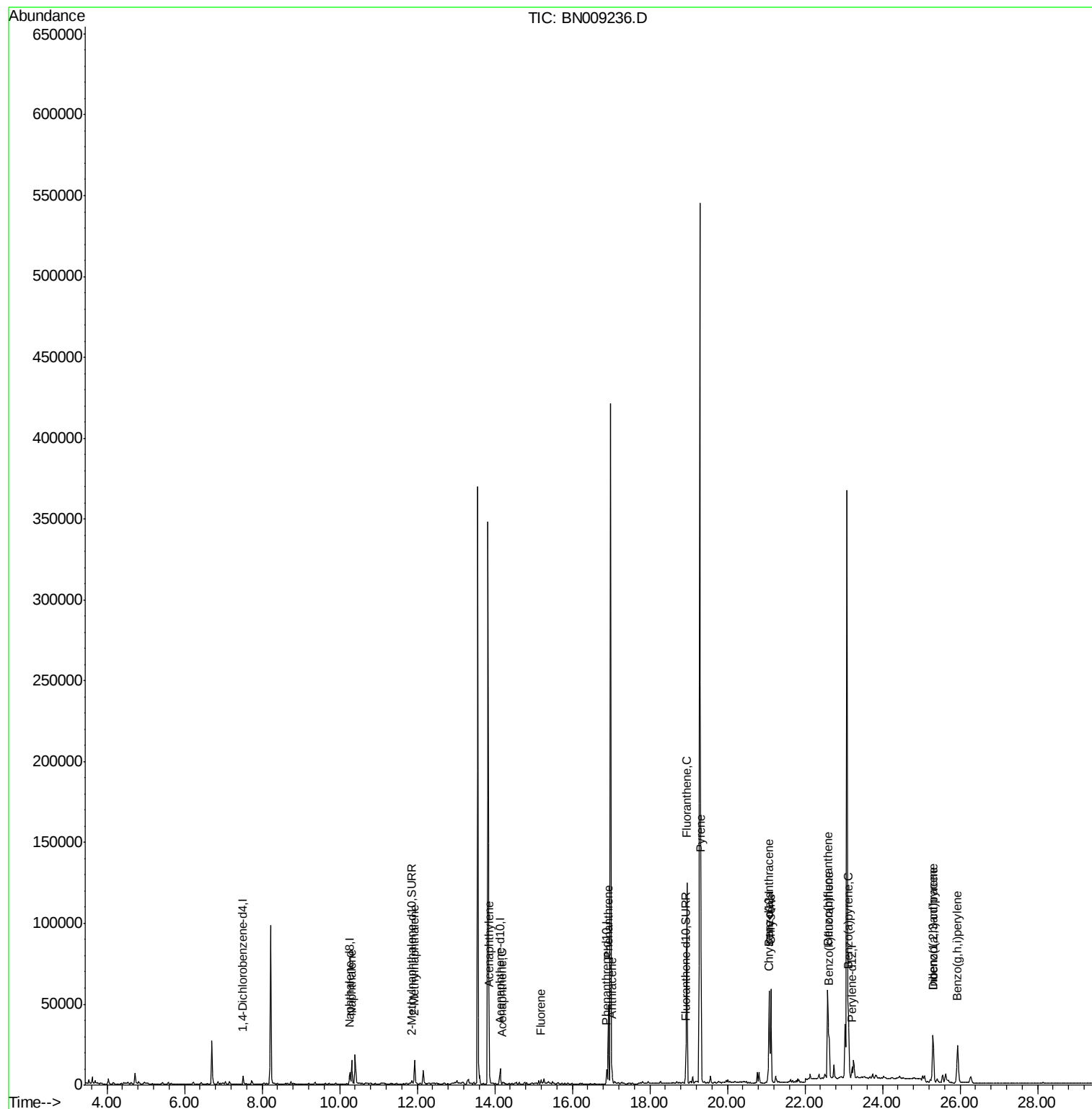
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009236.D
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ALS Vial : 19 Sample Multiplier: 1

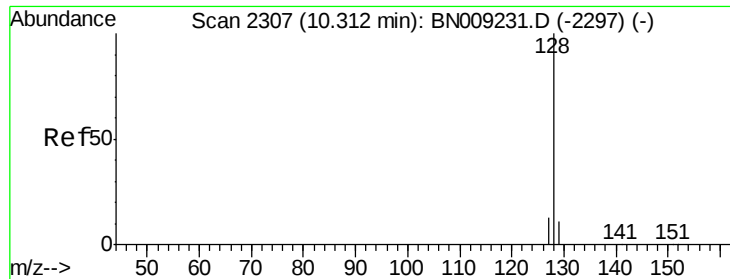
Instrument :
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QLast Update : Sun Dec 29 04:38:59 2019
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#3

Naphthalene

Concen: 0.678 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_N

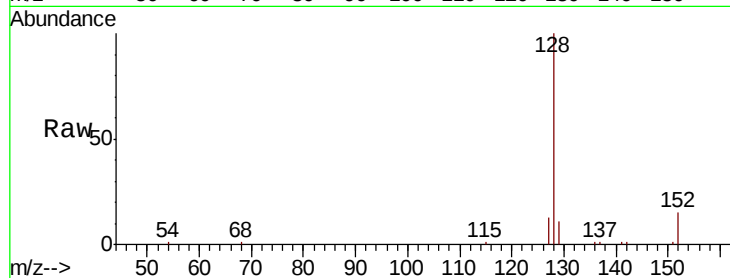
ClientSampleId :

C0C48

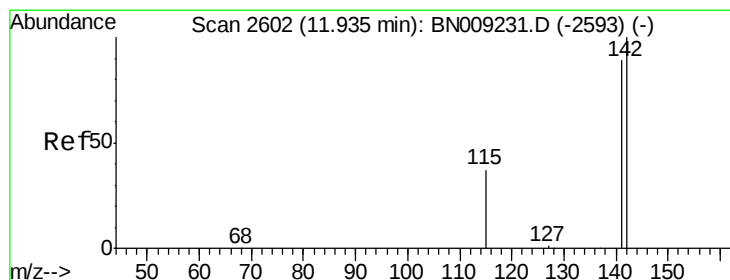
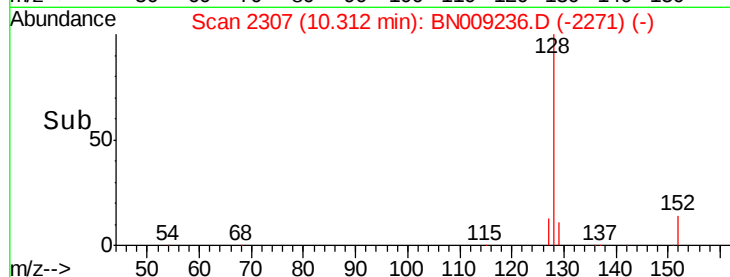
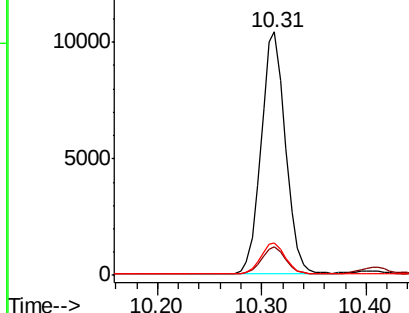
Tot Ion:	128	Resp:	17010
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.3	10.9	16.3

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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: 0.558 ng/ul

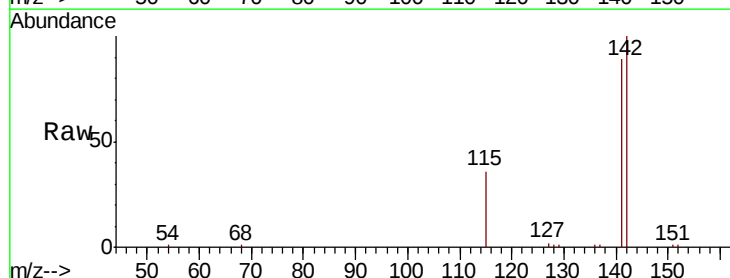
RT: 11.93 min Scan# 2602

Delta R.T. 0.00 min

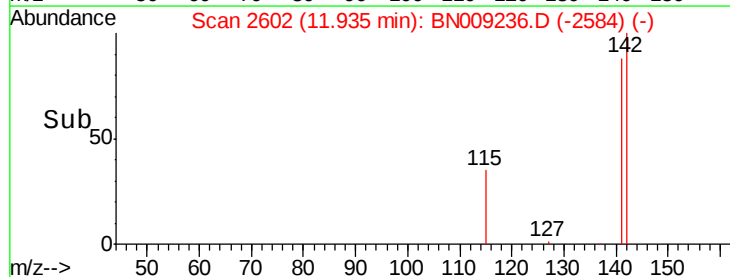
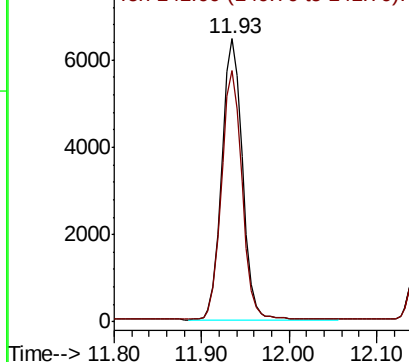
Lab File: BN009236.D

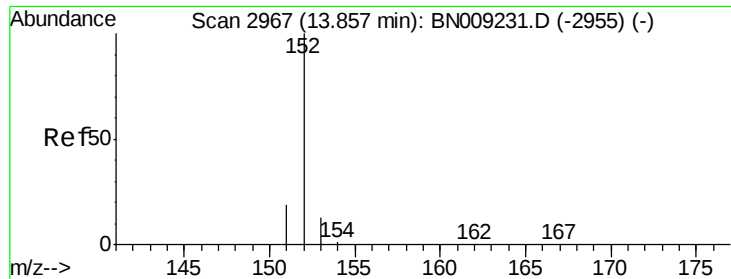
Acq: 28 Dec 2019 19:53

Tgt Ion:	142	Resp:	10591
Ion	Ratio	Lower	Upper
142	100		
141	87.8	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: 0.325 ng/ul

RT: 13.86 min Scan# 2967

Delta R.T. 0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_N

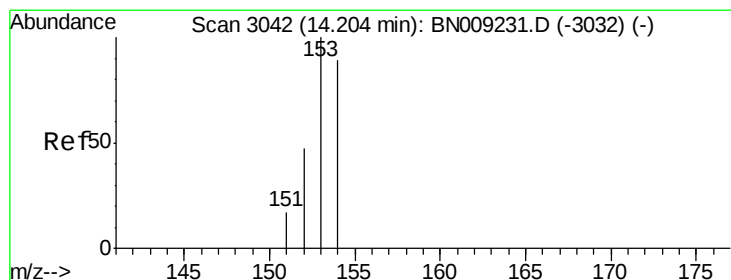
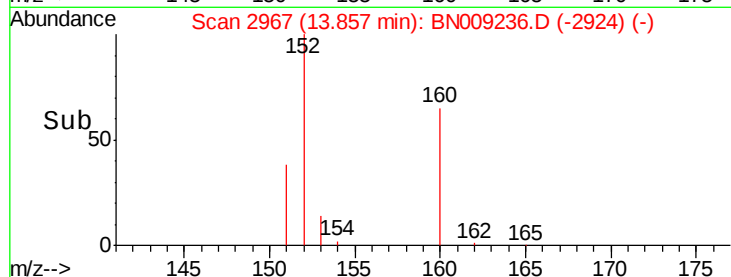
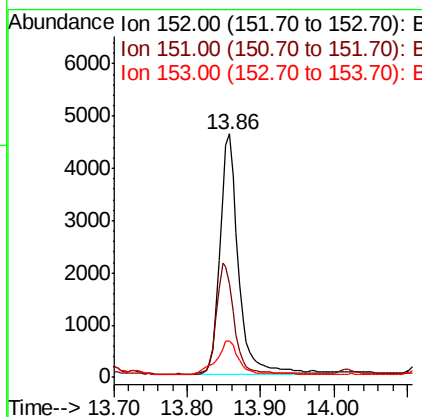
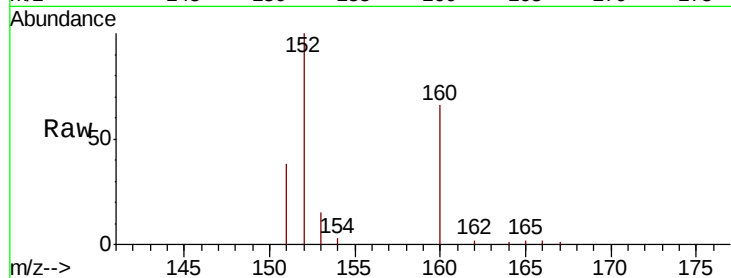
ClientSampleId :

C0C48

Tot Ion:	152	Resp:	8058
Ion Ratio	Lower	Upper	
152	100		
151	38.4	15.7	23.5#
153	14.8	10.8	16.2

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#8

Acenaphthene

Concen: 0.051 ng/ul

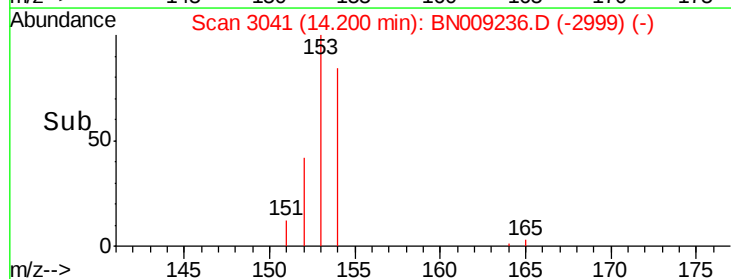
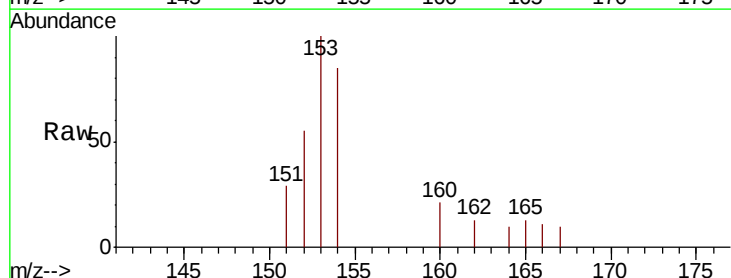
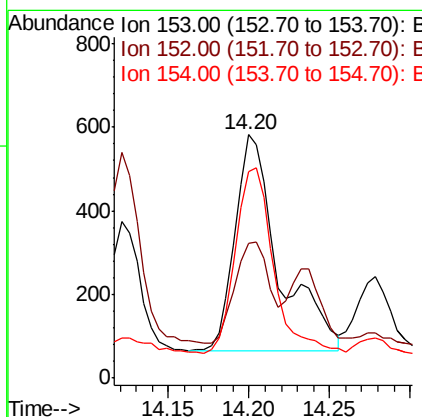
RT: 14.20 min Scan# 3041

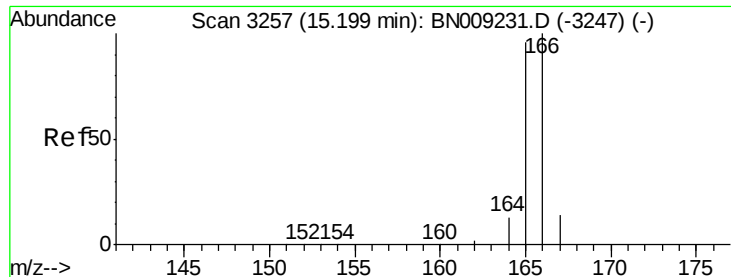
Delta R.T. -0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Tgt Ion:	153	Resp:	984
Ion Ratio	Lower	Upper	
153	100		
152	55.3	39.5	59.3
154	84.7	71.3	106.9





#9

Fluorene

Concen: 0.066 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_N

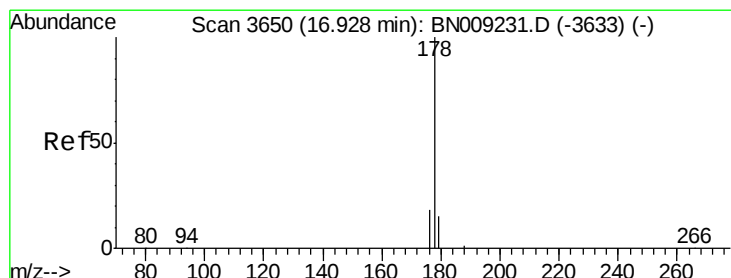
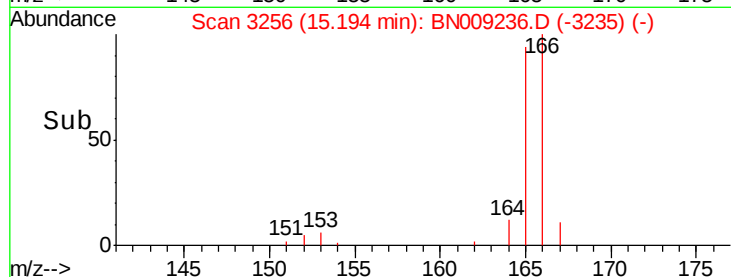
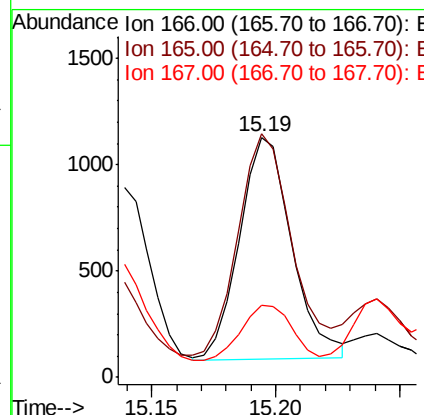
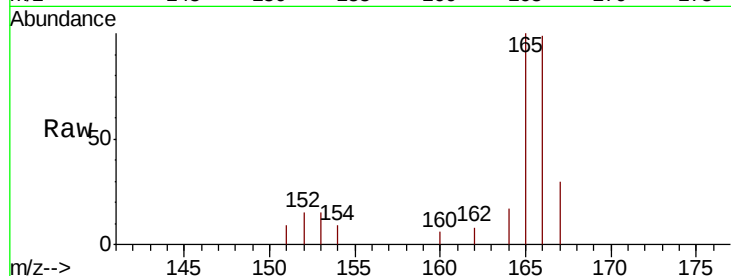
ClientSampleId :

C0C48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	101.4	78.2	117.4		
167	29.9	11.0	16.6		

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#12

Phenanthrene

Concen: 1.501 ng/ul

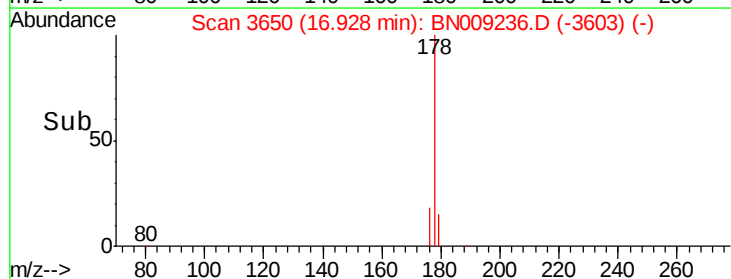
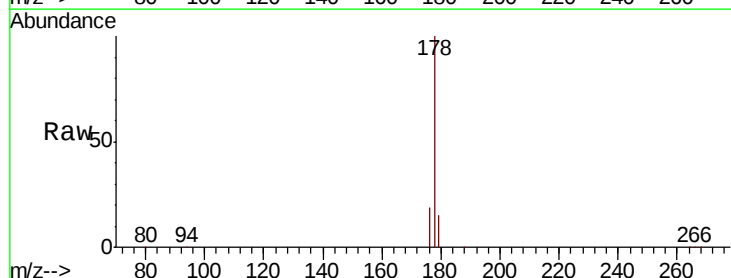
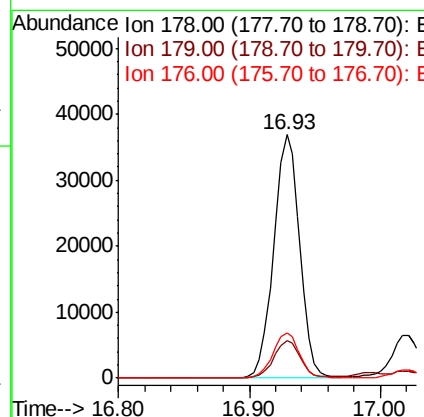
RT: 16.93 min Scan# 3650

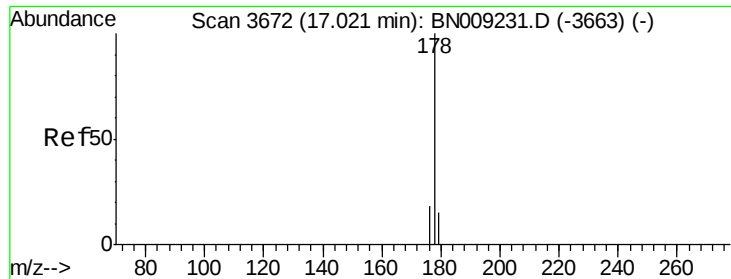
Delta R.T. 0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	15.3	12.3	18.5		
176	18.7	15.1	22.7		





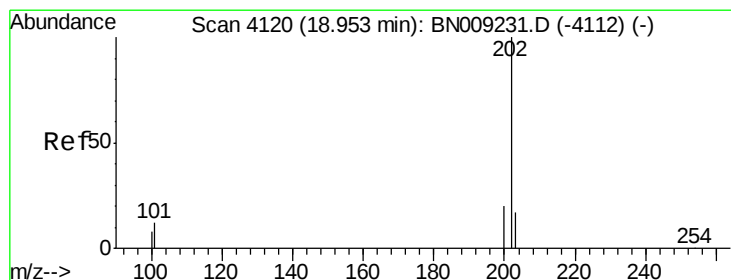
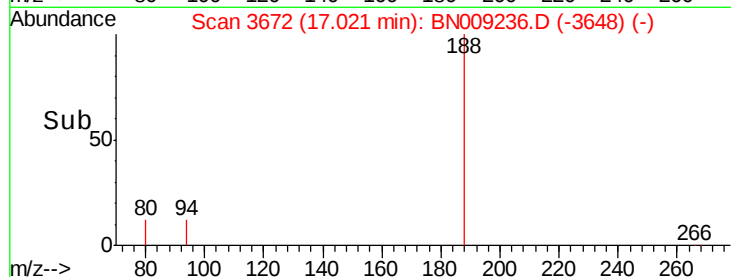
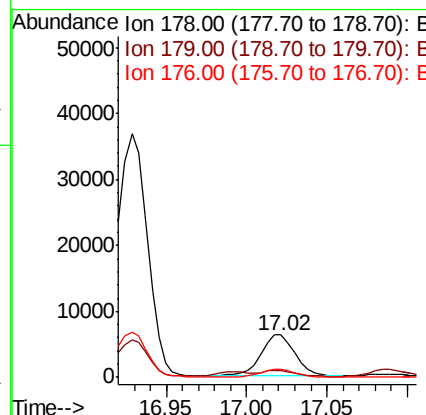
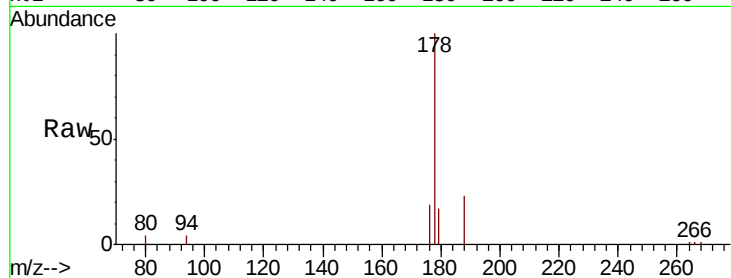
#13
 Anthracene
 Concen: 0.308 ng/ul
 RT: 17.02 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BN009236.D
 Acq: 28 Dec 2019 19:53

Instrument :
 BNA_N
 ClientSampleId :
 C0C48

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.5	18.7
176	18.8	14.9	22.3

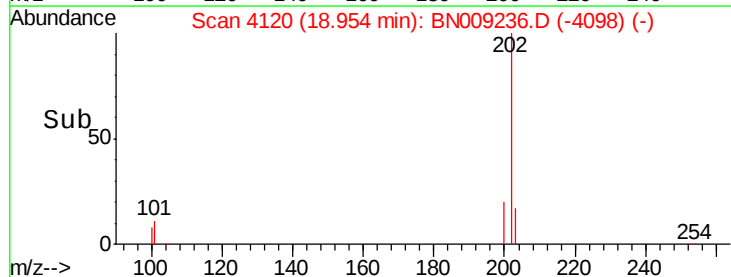
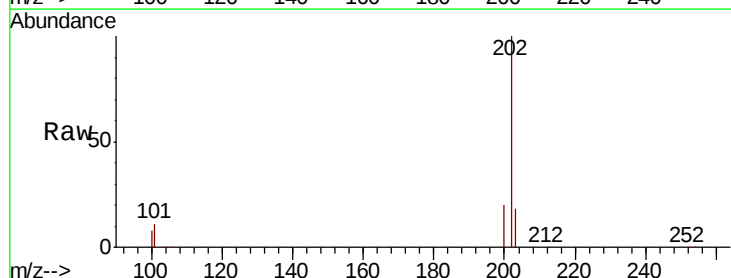
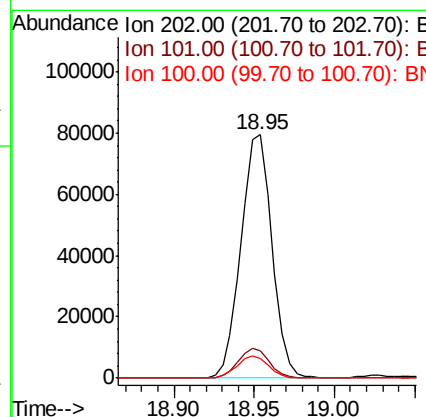
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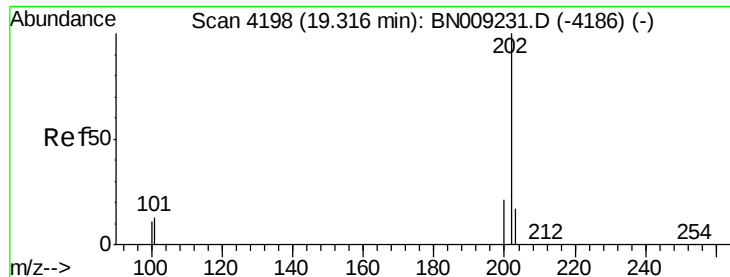
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#15
 Fluoranthene
 Concen: 2.780 ng/ul
 RT: 18.95 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: BN009236.D
 Acq: 28 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.5
100	8.3	0.0	28.9





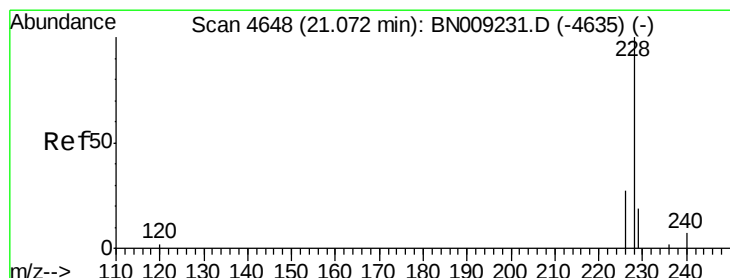
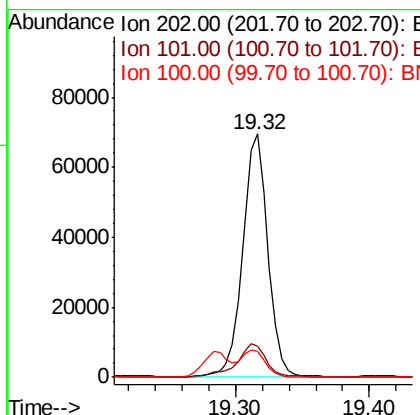
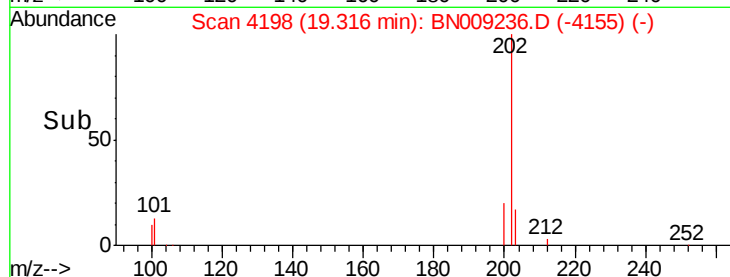
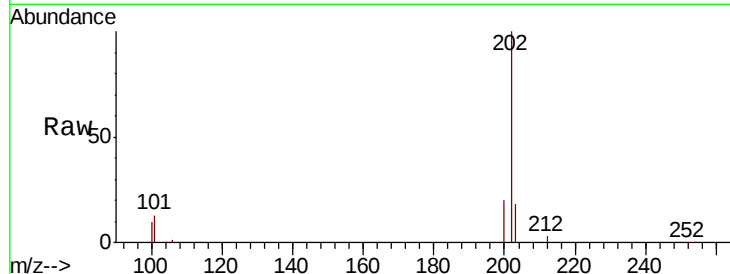
#17
Pvrene
Concen: 2.289 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009236.D
Acq: 28 Dec 2019 19:53

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.9	16.3
100	10.4	9.0	13.6

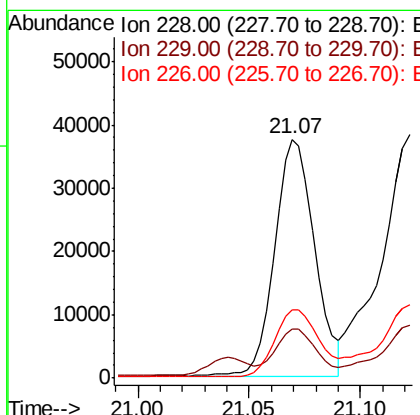
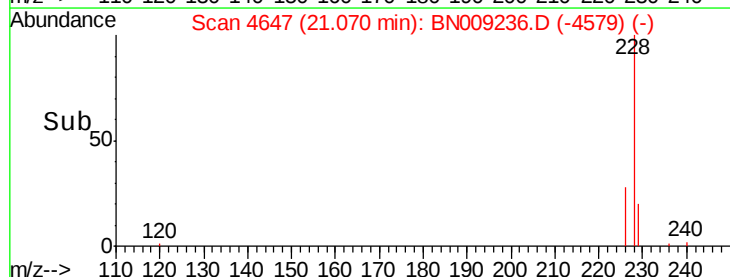
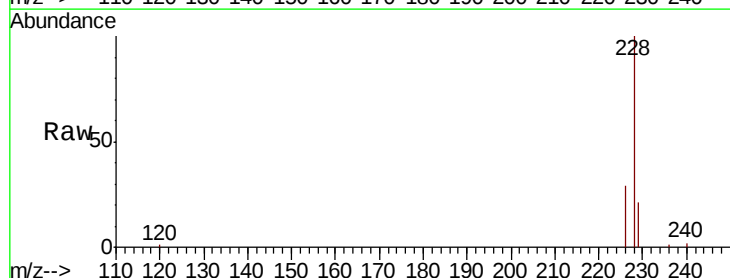
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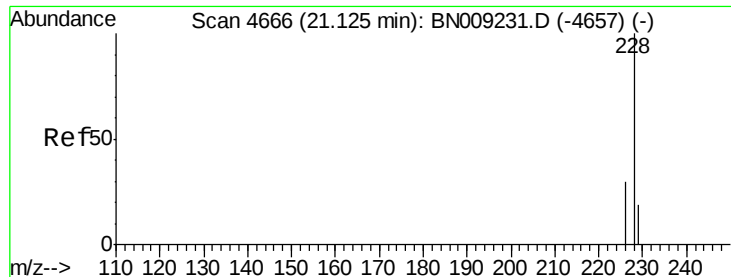
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#18
Benzo(a)anthracene
Concen: 1.357 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009236.D
Acq: 28 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	28.7	21.7	32.5





#19

Chrysene

Concen: 1.689 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. -0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_N

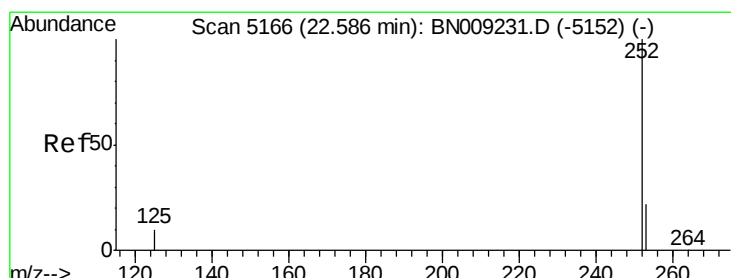
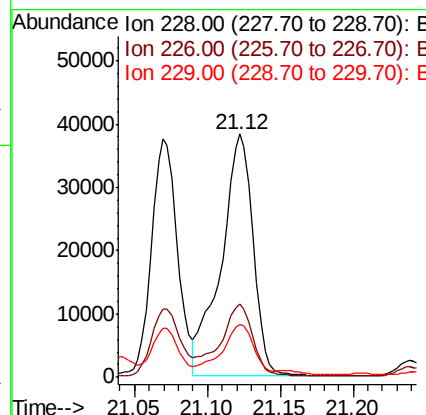
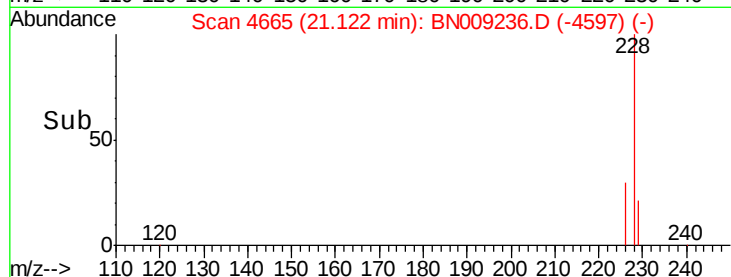
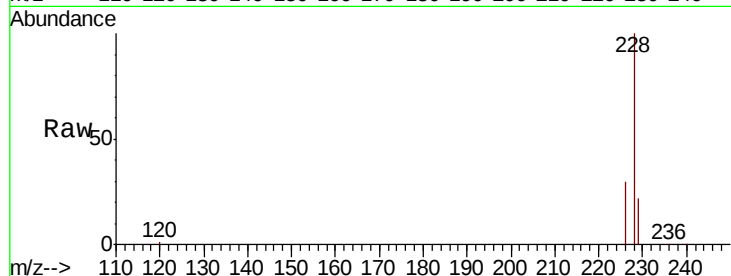
ClientSampleId :

C0C48

Tot Ion:	228	Resp:	57969
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.7	35.5
229	21.9	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 2.272 ng/ul m

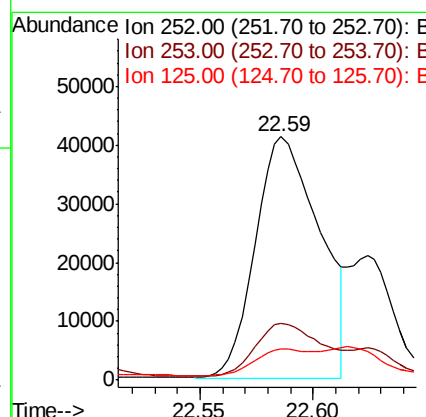
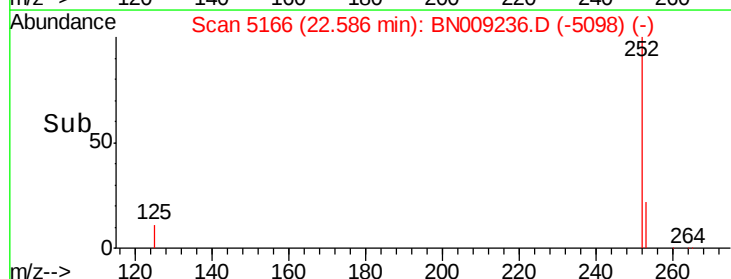
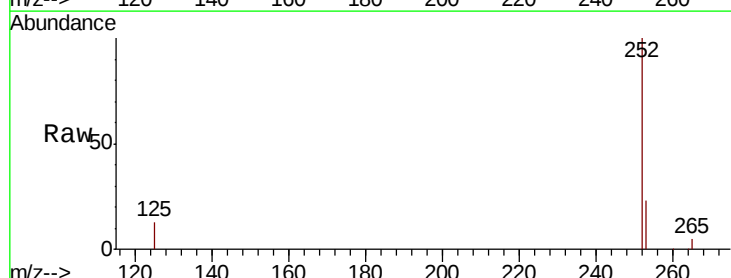
RT: 22.59 min Scan# 5166

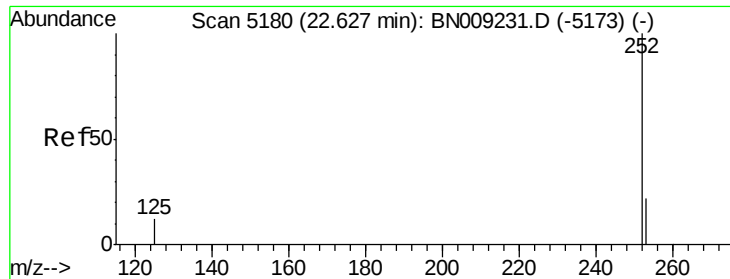
Delta R.T. 0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Tgt Ion:	252	Resp:	81379
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	48.2
125	12.6	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.711 ng/ul m

RT: 22.62 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_N

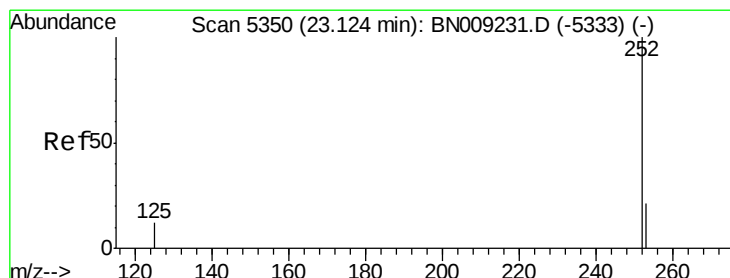
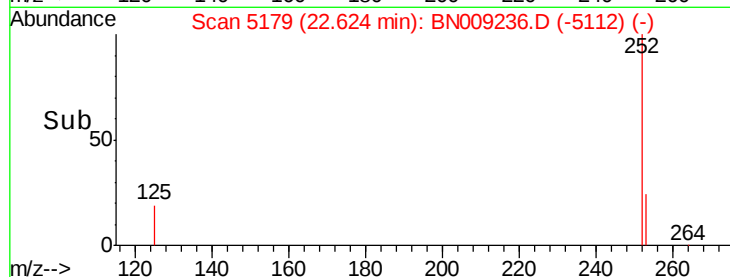
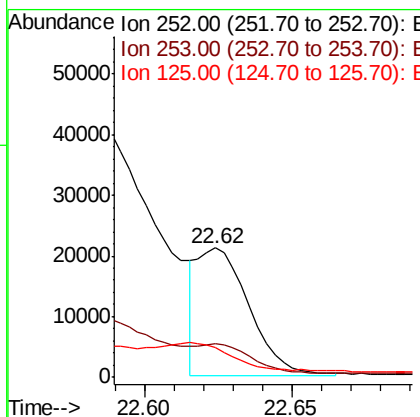
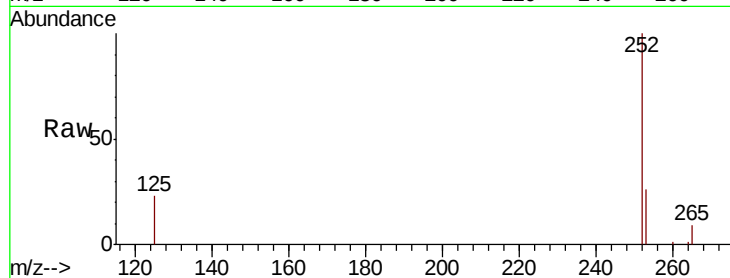
ClientSampleId :

C0C48

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.4	29.0
125	22.6	12.4	18.6

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#23

Benzo(a)pyrene

Concen: 1.556 ng/ul

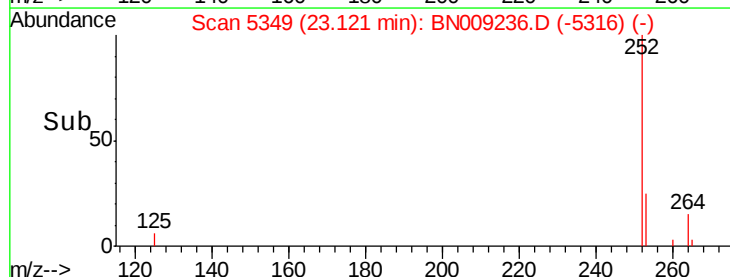
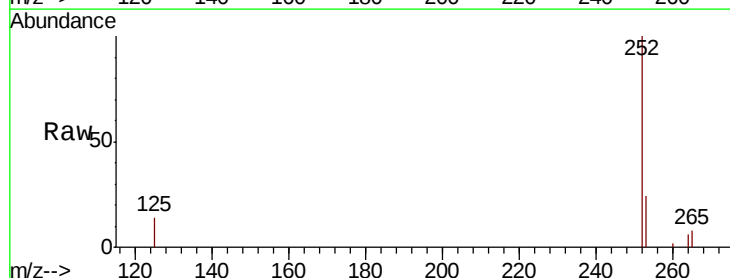
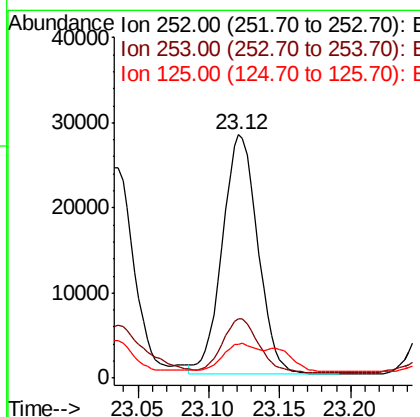
RT: 23.12 min Scan# 5349

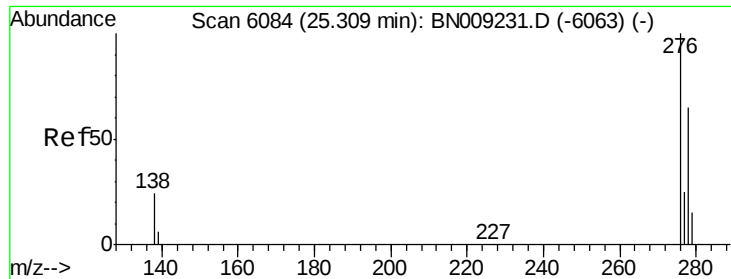
Delta R.T. -0.00 min

Lab File: BN009236.D

Acq: 28 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.2	30.4
125	14.1	13.2	19.8





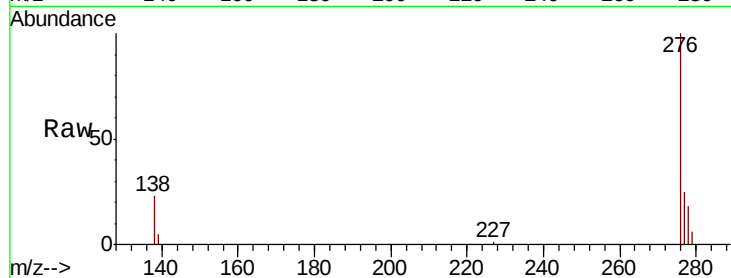
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.248 ng/ul
 RT: 25.30 min Scan# 6081
 Delta R.T. -0.01 min
 Lab File: BN009236.D
 Acq: 28 Dec 2019 19:53

Instrument :
 BNA_N
 ClientSampleId :
 C0C48

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.4	33.6#
227	0.2	0.2	0.4#

Manual Integrations
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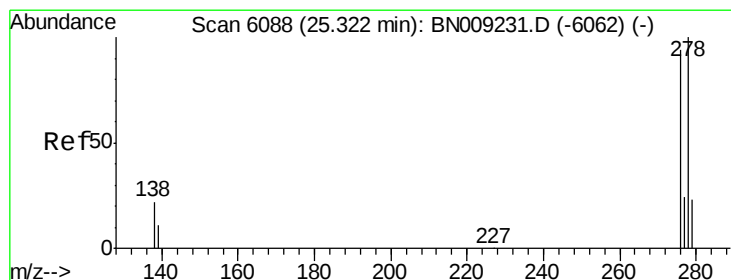
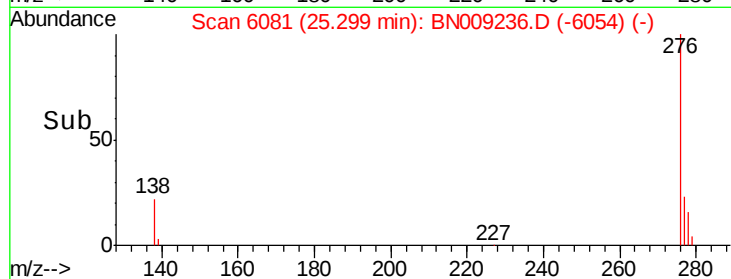
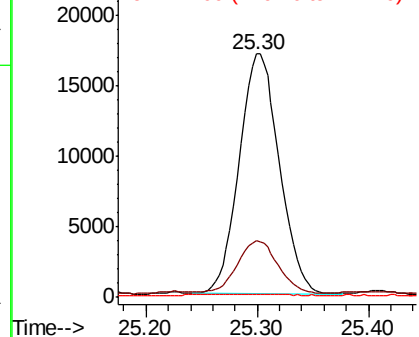


Abundance

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: 0.358 ng/ul
 RT: 25.31 min Scan# 6084
 Delta R.T. -0.01 min
 Lab File: BN009236.D
 Acq: 28 Dec 2019 19:53

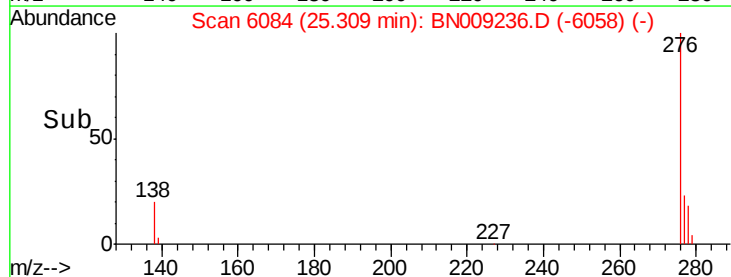
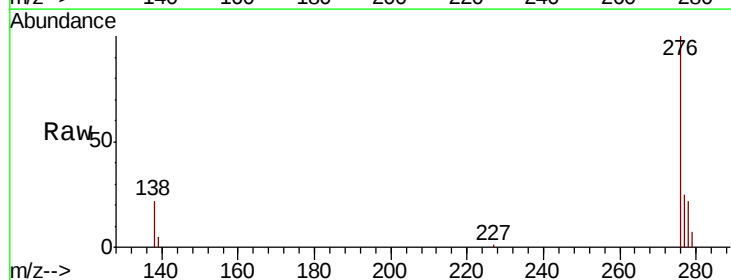
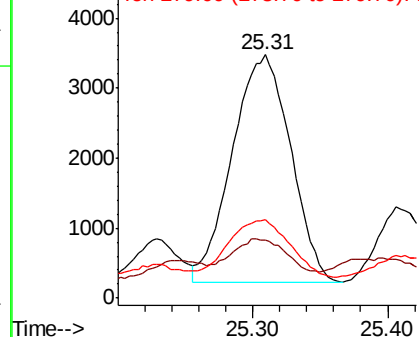
Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	16.2	24.2
279	32.2	20.3	30.5#

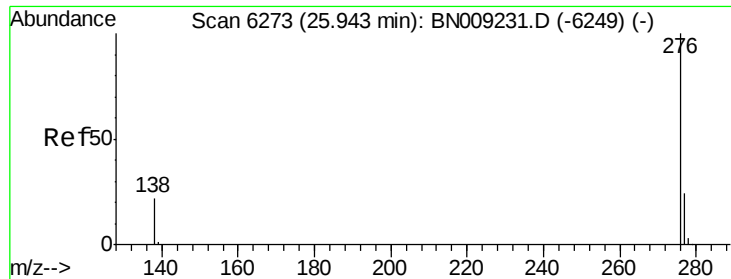
Abundance

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





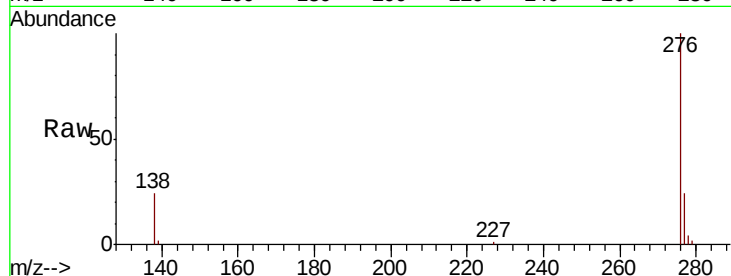
#26
Benzo(a,h,i)perylene
Concen: 1.481 ng/ul
RT: 25.94 min Scan# 6271
Delta R.T. -0.01 min
Lab File: BN009236.D
Acq: 28 Dec 2019 19:53

Instrument :
BNA_N
ClientSampleId :
C0C48

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.6	30.8
277	24.1	19.6	29.4

Manual Integrations
APPROVED

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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

