

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009244.D
 Acq On : 29 Dec 2019 00:40
 Operator : JU
 Sample : K6278-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C84

Manual Integrations
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Quant Time: Dec 29 05:54:36 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	2684	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	9629	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	5099	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	10020	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	7789	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8072	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	3183	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	5995	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	5405	0.185	ng/ul	97
5) 2-Methylnaphthalene	11.93	142	4066	0.184	ng/ul	100
7) Acenaphthylene	13.86	152	6105	0.228	ng/ul	97
8) Acenaphthene	14.20	153	1618	0.077	ng/ul	98
9) Fluorene	15.19	166	2722	0.110	ng/ul#	97
12) Phenanthrene	16.93	178	63019	1.809	ng/ul	100
13) Anthracene	17.02	178	11268	0.361	ng/ul	98
15) Fluoranthene	18.95	202	172254	4.322	ng/ul	99
17) Pyrene	19.32	202	137235	3.454	ng/ul	99
18) Benzo(a)anthracene	21.07	228	66780	1.931	ng/ul	98
19) Chrysene	21.12	228	81061	2.332	ng/ul	98
21) Benzo(b)fluoranthene	22.59	252	106453m	2.824	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	37626m	0.990	ng/ul	
23) Benzo(a)pyrene	23.12	252	65057m	1.970	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.30	276	51396	1.429	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.31	278	11843	0.414	ng/ul	92
26) Benzo(a,h,i)perylene	25.94	276	51477	1.699	ng/ul	97

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

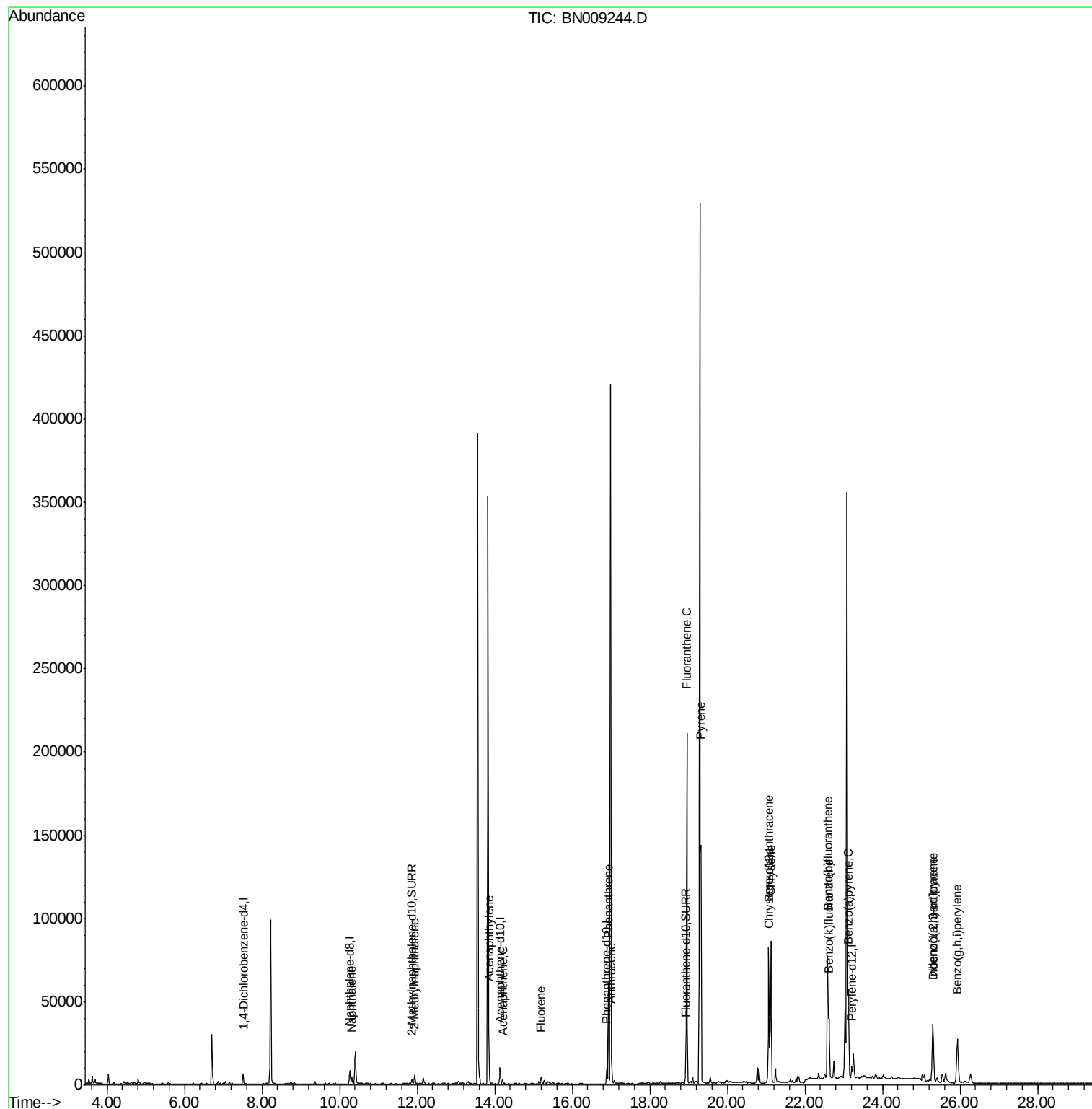
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
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ALS Vial : 27 Sample Multiplier: 1

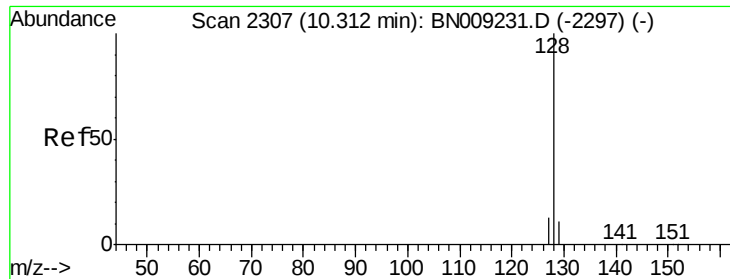
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
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QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.185 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BN009244.D

Acq: 29 Dec 2019 00:40

Instrument :

BNA_N

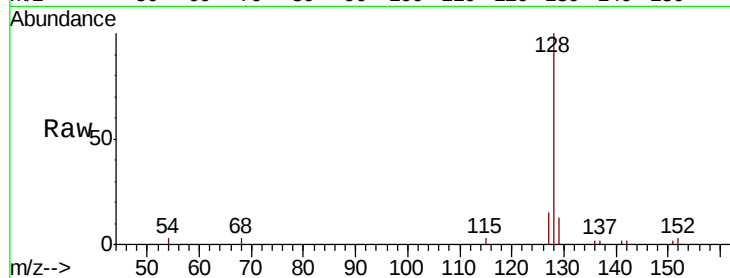
ClientSampleId :

C0C84

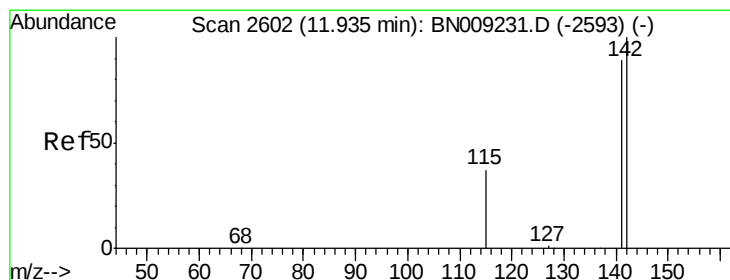
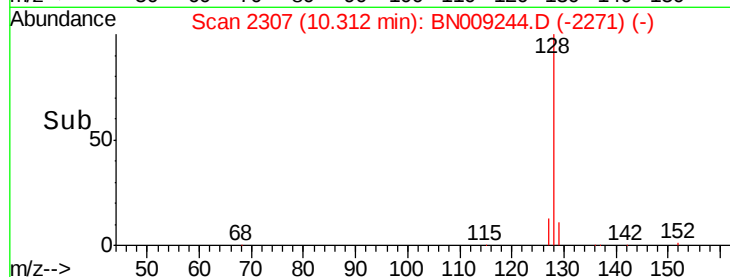
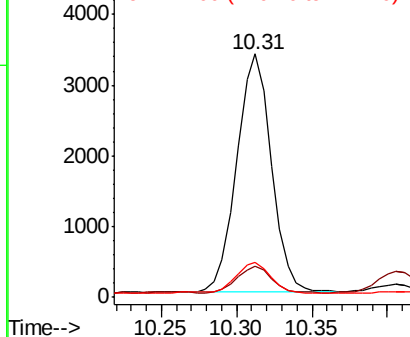
Tot Ion:	128	Resp:	5405
Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.0	13.4
127	14.6	10.9	16.3

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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: 0.184 ng/ul

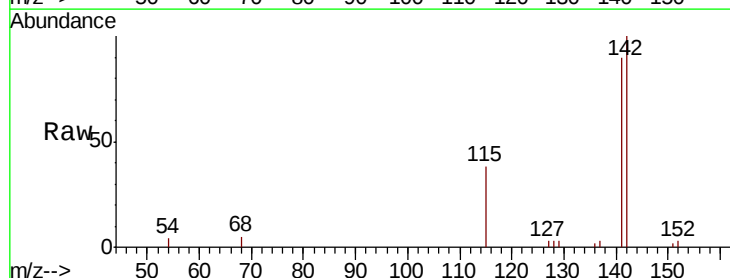
RT: 11.93 min Scan# 2602

Delta R.T. -0.00 min

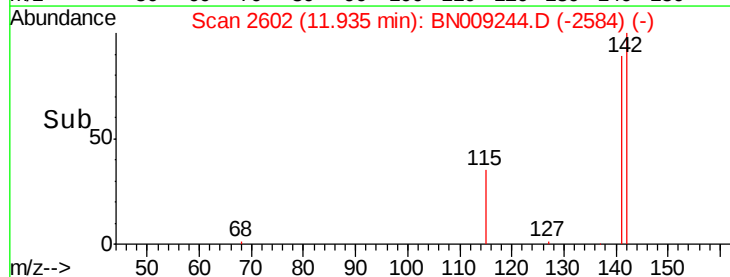
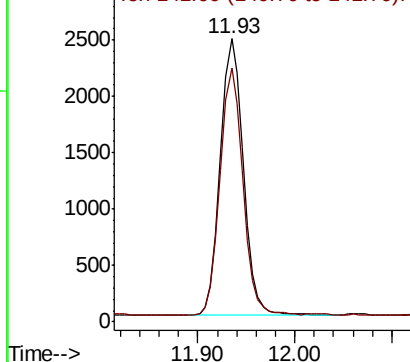
Lab File: BN009244.D

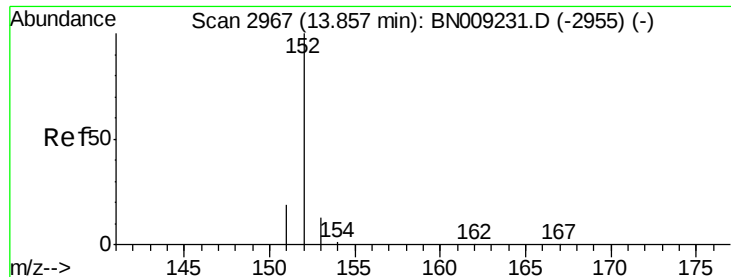
Acq: 29 Dec 2019 00:40

Tgt Ion:	142	Resp:	4066
Ion	Ratio	Lower	Upper
142	100		
141	88.0	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: 0.228 ng/ul

RT: 13.86 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BN009244.D

Acq: 29 Dec 2019 00:40

Instrument :

BNA_N

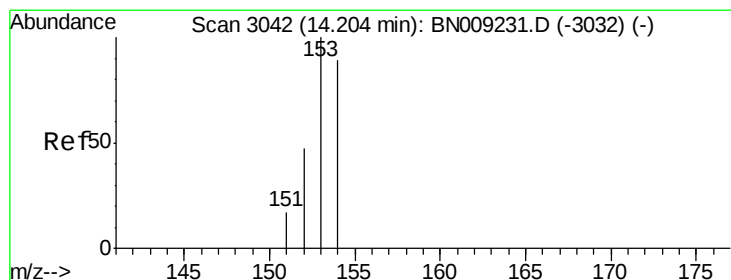
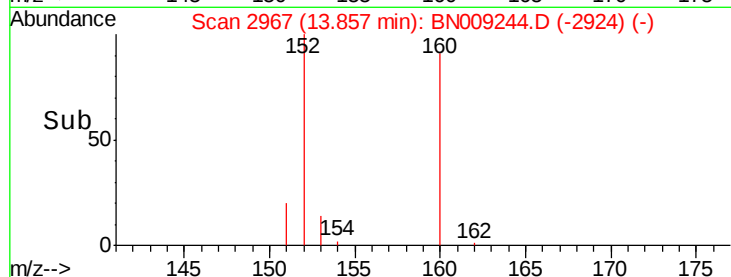
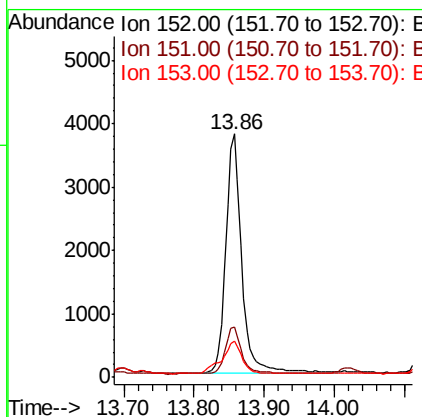
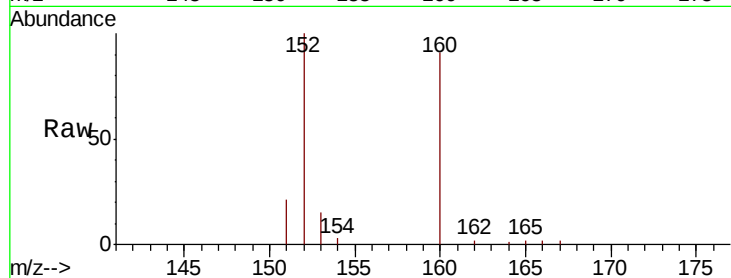
ClientSampleId :

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Tot Ion:	152	Resp:	6105
Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.7	23.5
153	15.0	10.8	16.2

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#8

Acenaphthene

Concen: 0.077 ng/ul

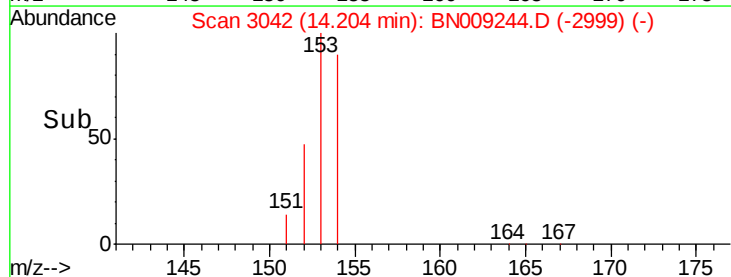
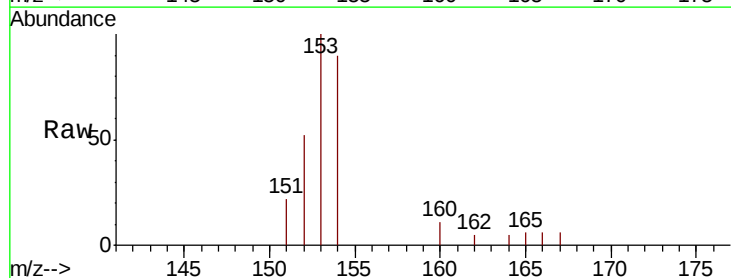
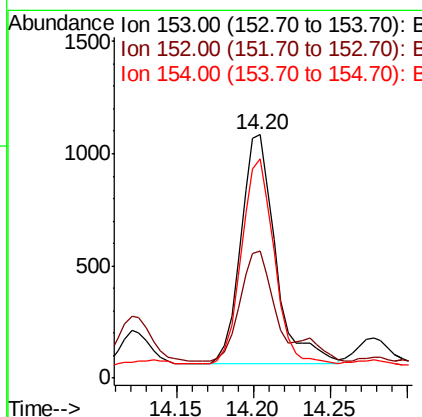
RT: 14.20 min Scan# 3042

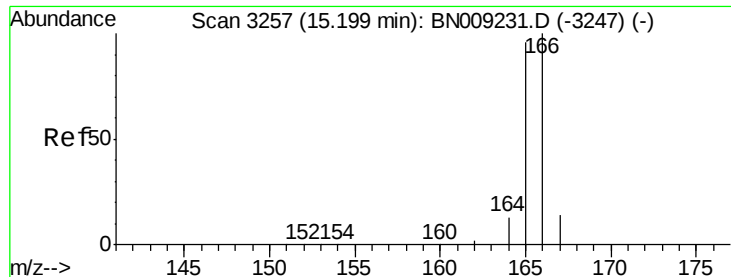
Delta R.T. -0.00 min

Lab File: BN009244.D

Acq: 29 Dec 2019 00:40

Tgt Ion:	153	Resp:	1618
Ion	Ratio	Lower	Upper
153	100		
152	52.1	39.5	59.3
154	90.0	71.3	106.9





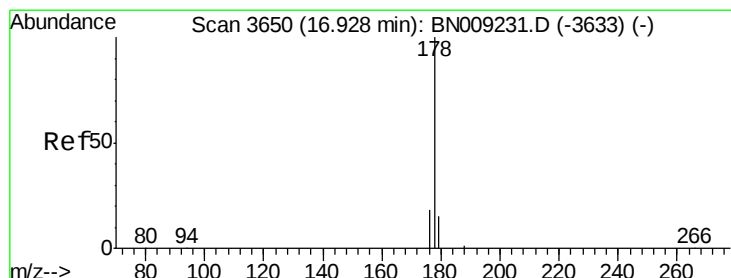
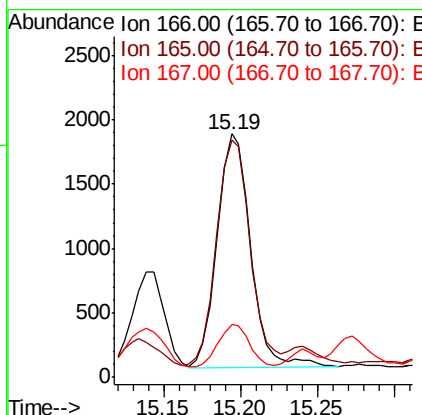
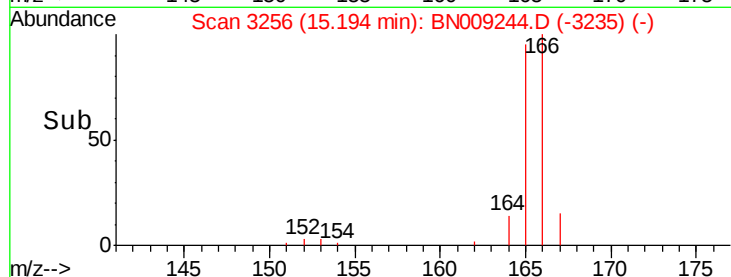
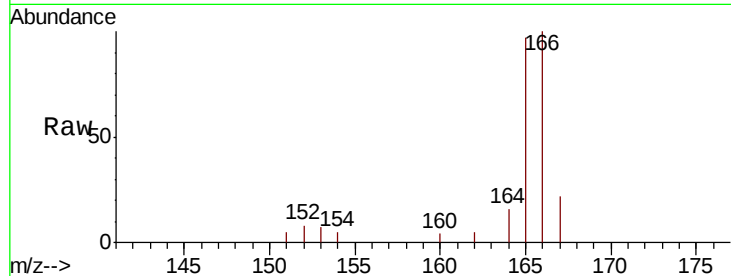
#9
Fluorene
Concen: 0.110 ng/ul
RT: 15.19 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BN009244.D
Acq: 29 Dec 2019 00:40

Instrument :
BNA_N
ClientSampleId :
C0C84

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.4
167	22.0	11.0	16.6#

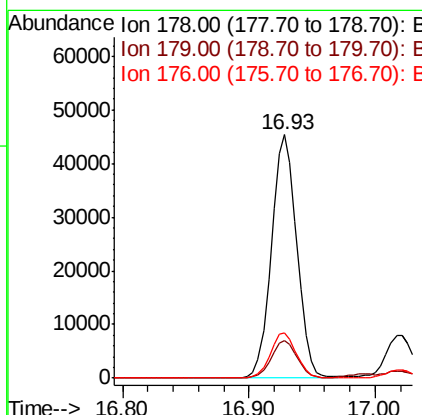
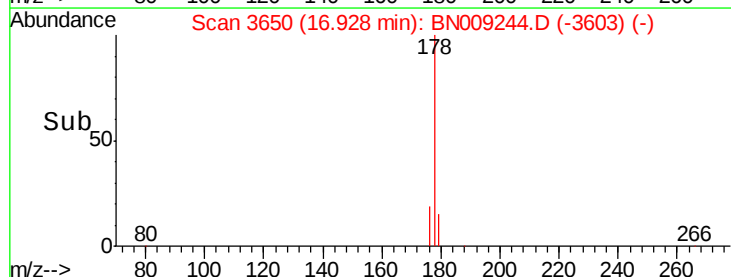
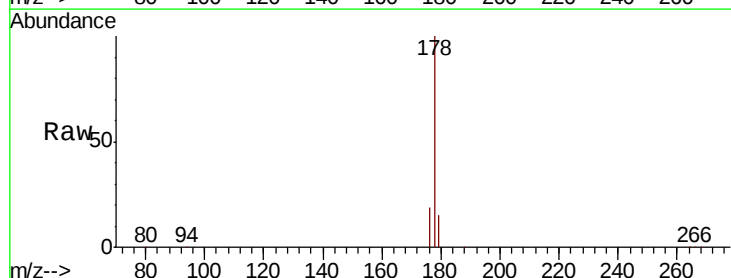
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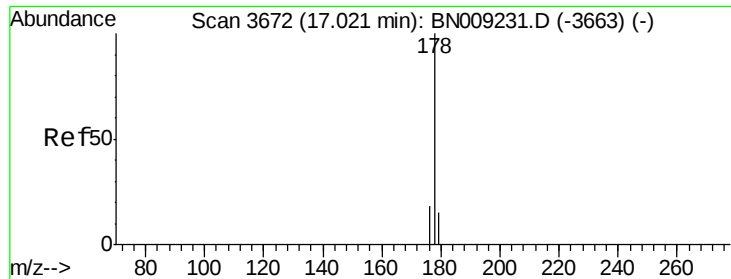
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#12
Phenanthrene
Concen: 1.809 ng/ul
RT: 16.93 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BN009244.D
Acq: 29 Dec 2019 00:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.7	15.1	22.7





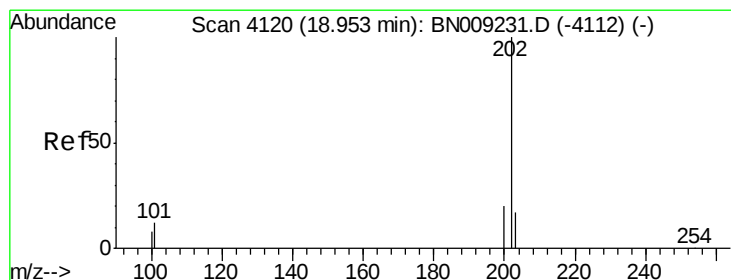
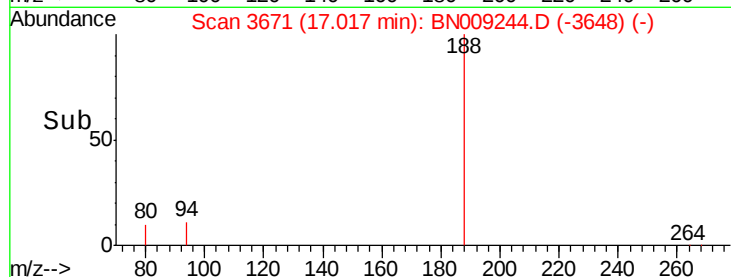
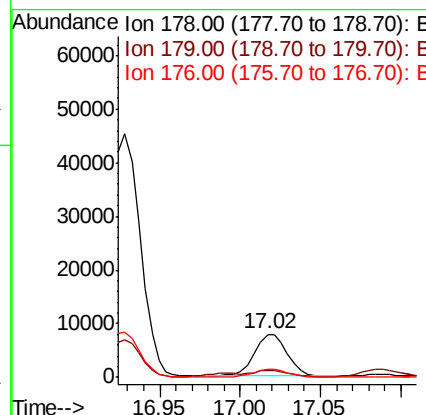
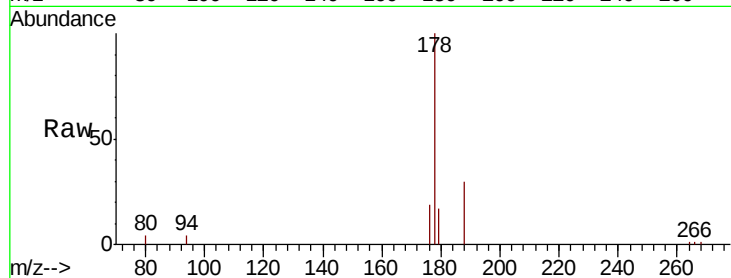
#13
 Anthracene
 Concen: 0.361 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BN009244.D
 Acq: 29 Dec 2019 00:40

Instrument :
 BNA_N
 ClientSampleId :
 C0C84

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.5	18.7
176	19.2	14.9	22.3

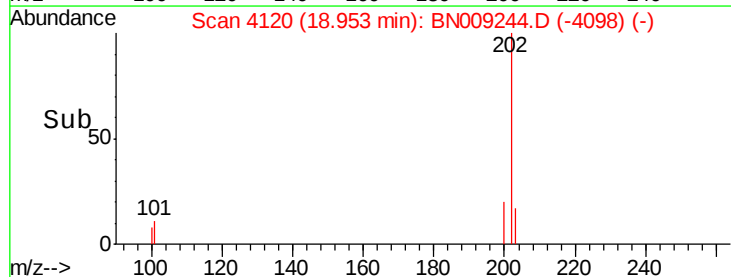
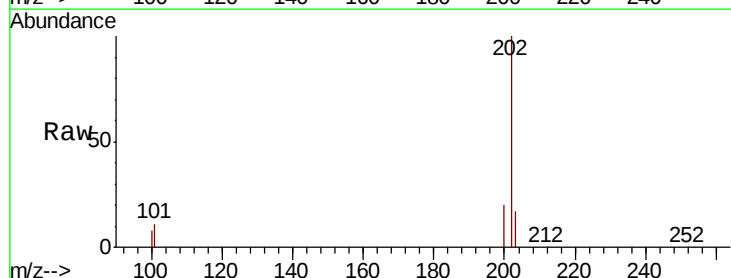
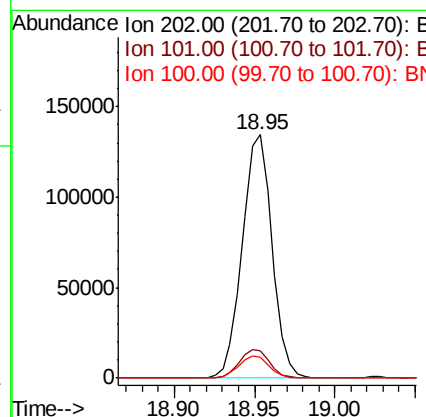
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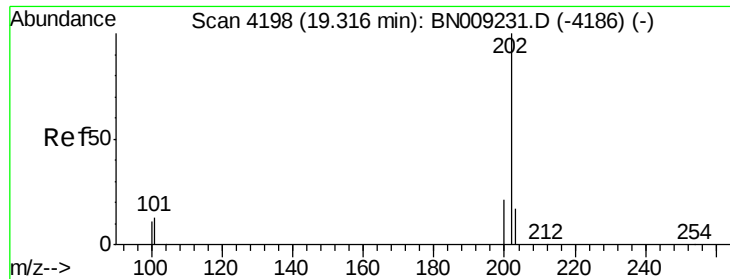
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#15
 Fluoranthene
 Concen: 4.322 ng/ul
 RT: 18.95 min Scan# 4120
 Delta R.T. -0.00 min
 Lab File: BN009244.D
 Acq: 29 Dec 2019 00:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.5
100	8.4	0.0	28.9





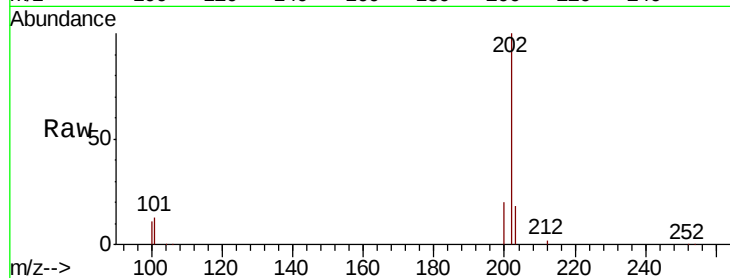
#17
Pvrene
Concen: 3.454 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. -0.00 min
Lab File: BN009244.D
Acq: 29 Dec 2019 00:40

Instrument :
BNA_N
ClientSampled :
C0C84

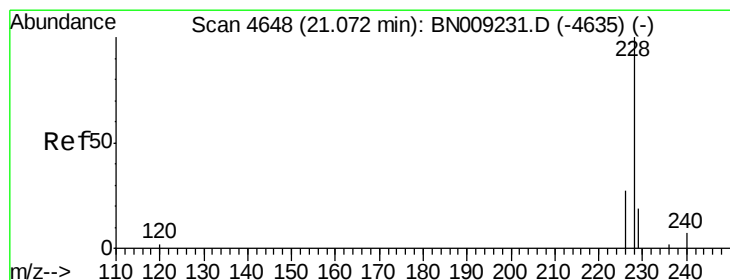
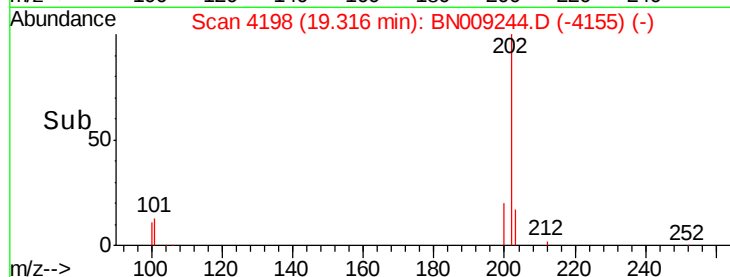
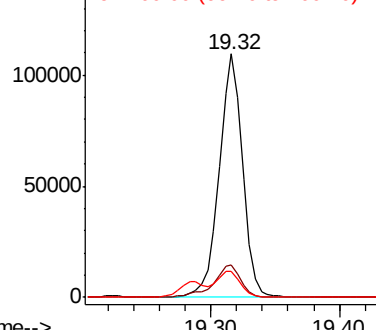
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	10.9	16.3
100	10.8	9.0	13.6

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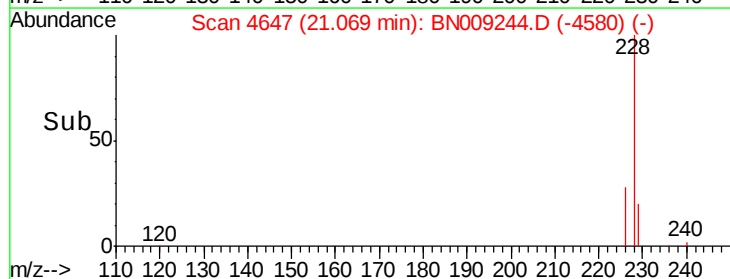
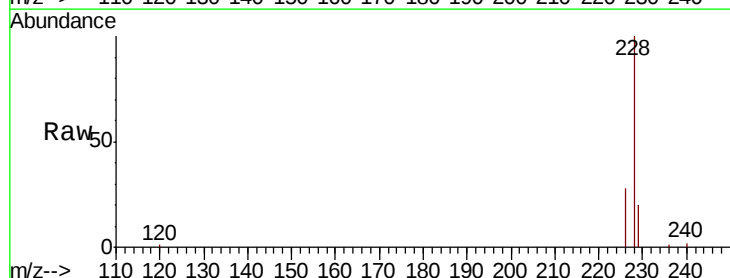
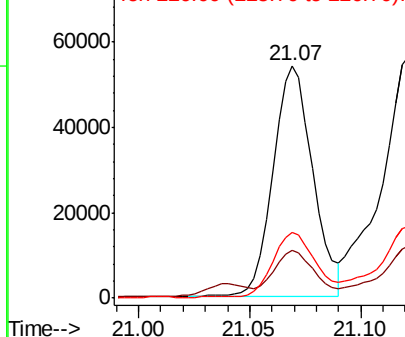
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

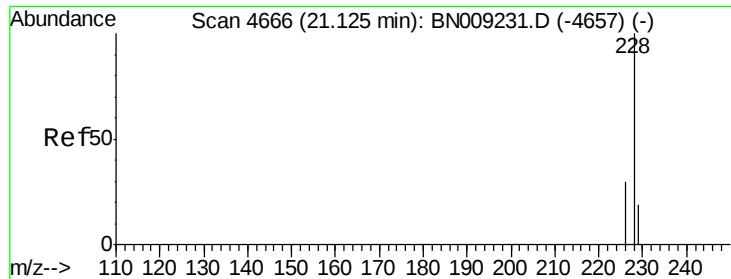


#18
Benzo(a)anthracene
Concen: 1.931 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009244.D
Acq: 29 Dec 2019 00:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	15.5	23.3
226	28.3	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: 2.332 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. -0.00 min

Lab File: BN009244.D

Acq: 29 Dec 2019 00:40

Instrument :

BNA_N

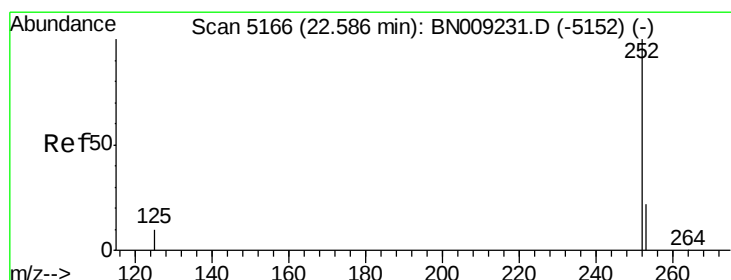
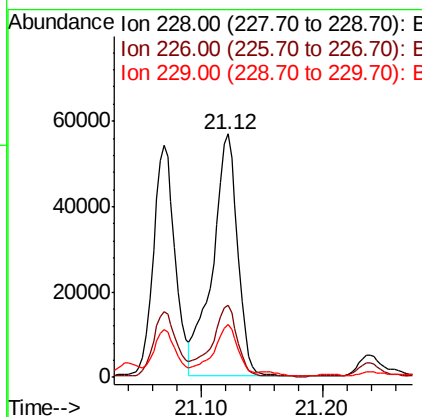
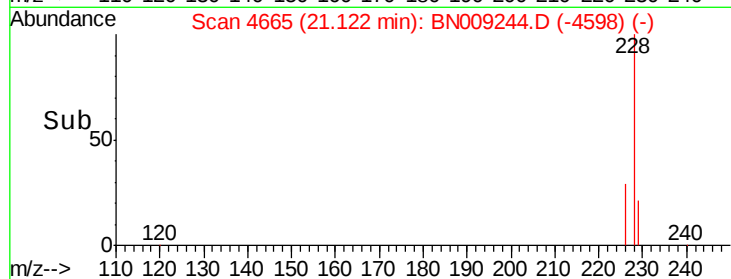
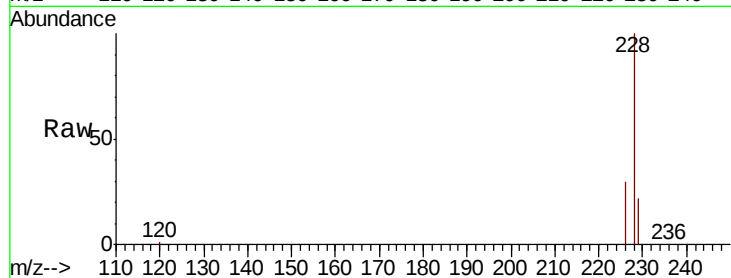
ClientSampleId :

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Tot Ion:	228	Resp:	81061
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.7	35.5
229	21.6	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 2.824 ng/ul m

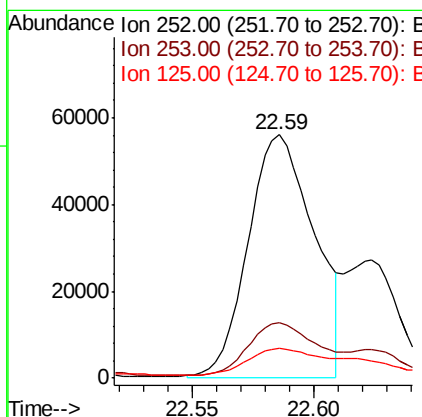
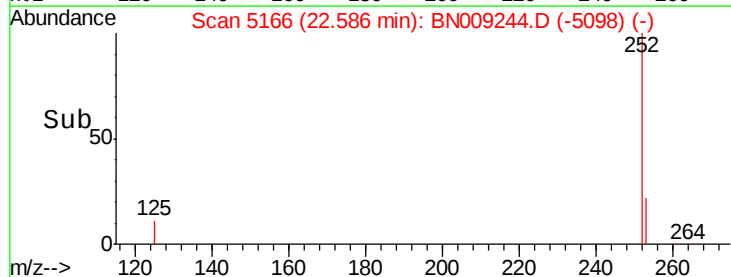
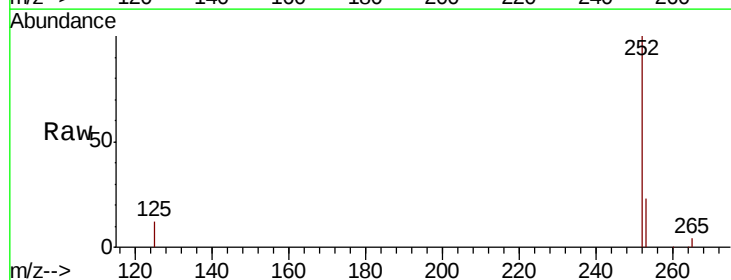
RT: 22.59 min Scan# 5166

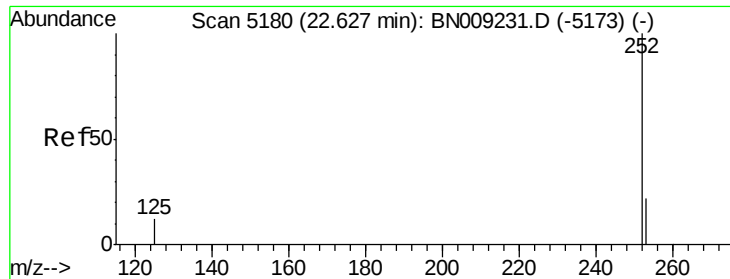
Delta R.T. -0.00 min

Lab File: BN009244.D

Acq: 29 Dec 2019 00:40

Tgt Ion:	252	Resp:	106453
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	48.2
125	12.1	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.990 ng/ul m

RT: 22.62 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BN009244.D

Acq: 29 Dec 2019 00:40

Instrument :

BNA_N

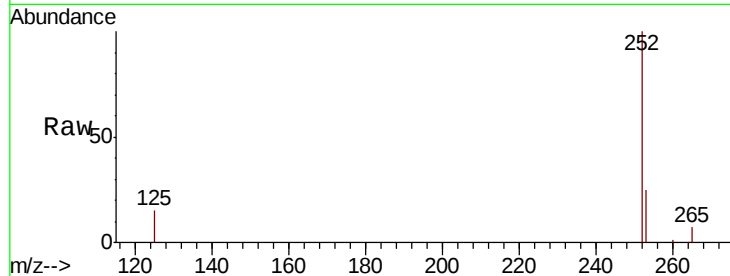
ClientSampleId :

C0C84

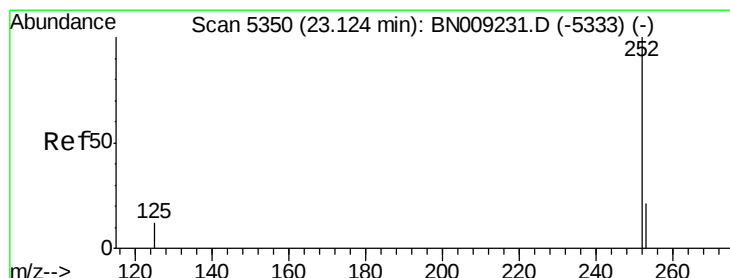
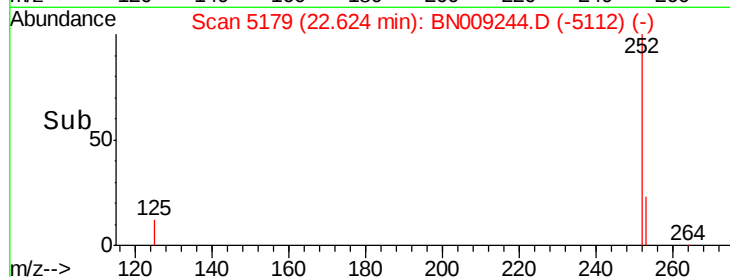
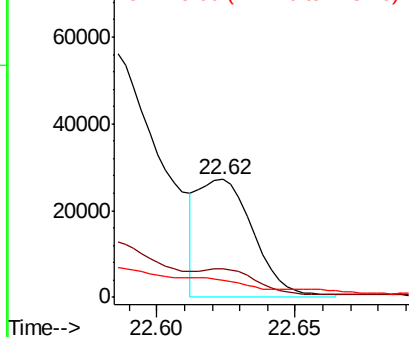
Tot Ion:	252	Resp:	37626
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.4	29.0
125	14.6	12.4	18.6

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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



#23

Benzo(a)pyrene

Concen: 1.970 ng/ul m

RT: 23.12 min Scan# 5350

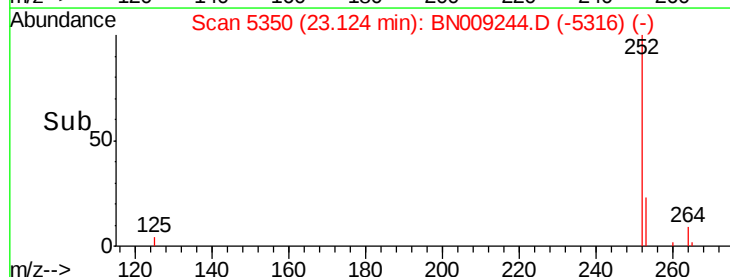
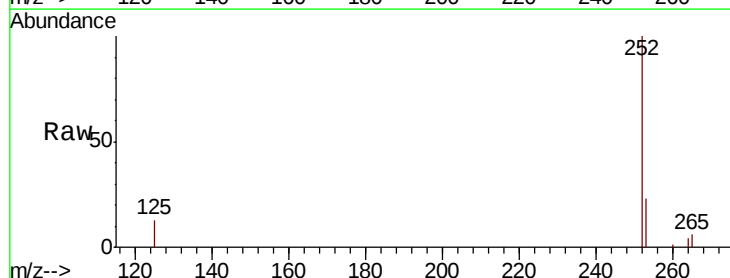
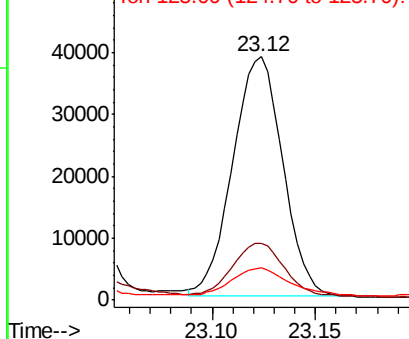
Delta R.T. -0.00 min

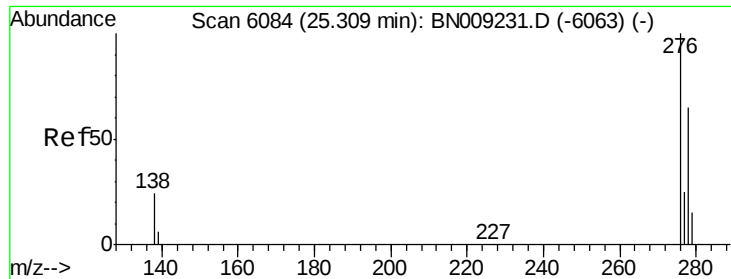
Lab File: BN009244.D

Acq: 29 Dec 2019 00:40

Tgt Ion:	252	Resp:	65057
Ion Ratio	Lower	Upper	
252	100		
253	23.3	20.2	30.4
125	13.1	13.2	19.8#

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





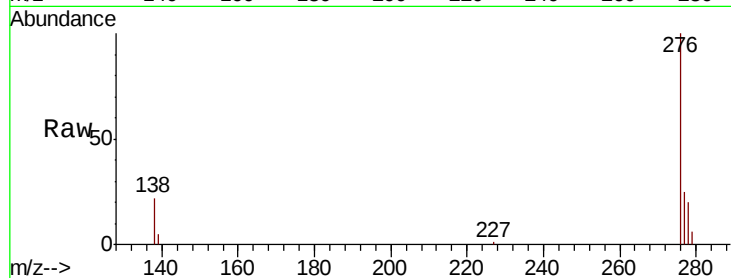
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.429 ng/ul
RT: 25.30 min Scan# 6082
Delta R.T. -0.01 min
Lab File: BN009244.D
Acq: 29 Dec 2019 00:40

Instrument :
BNA_N
ClientSampleId :
C0C84

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	22.4	33.6#
227	0.3	0.2	0.4

Manual Integrations
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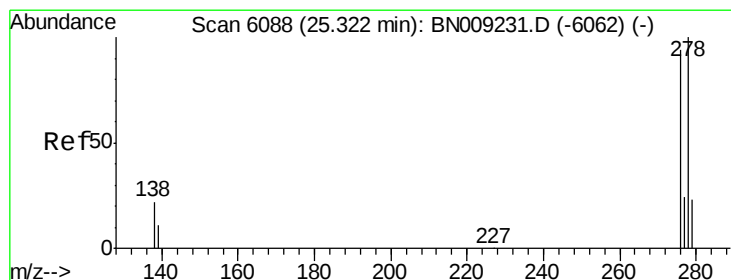
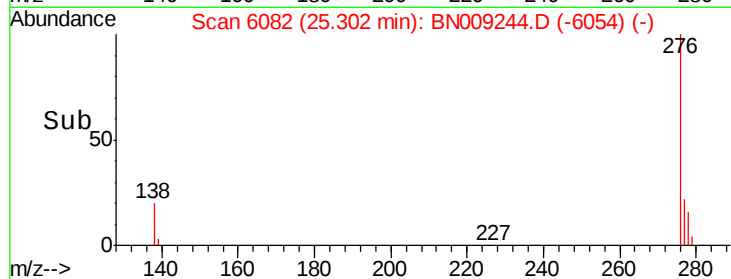
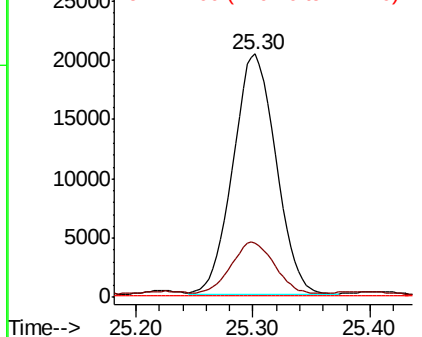


Abundance

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: 0.414 ng/ul
RT: 25.31 min Scan# 6084
Delta R.T. -0.01 min
Lab File: BN009244.D
Acq: 29 Dec 2019 00:40

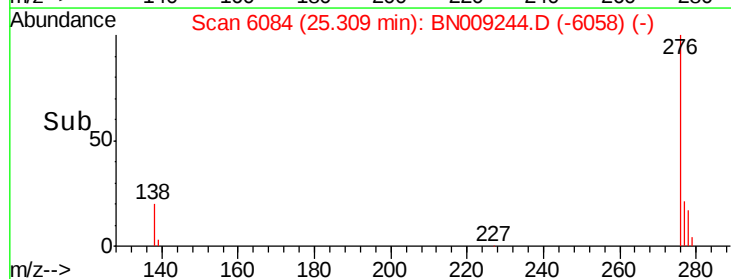
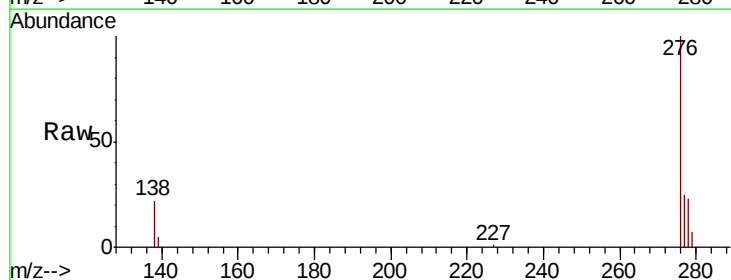
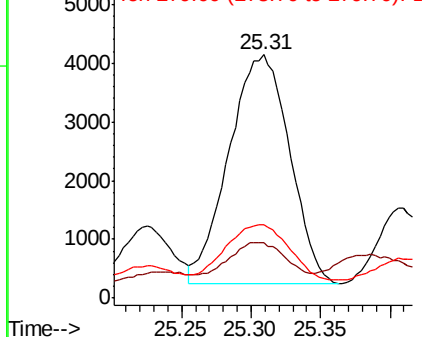
Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.2	24.2
279	30.2	20.3	30.5

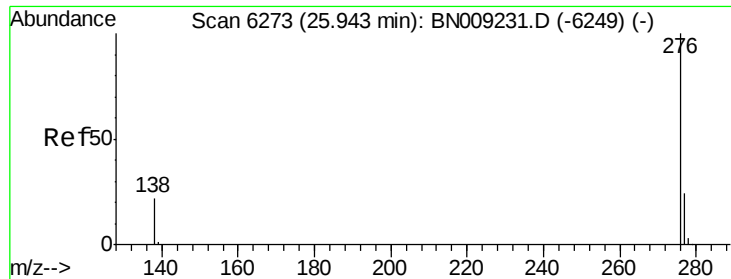
Abundance

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





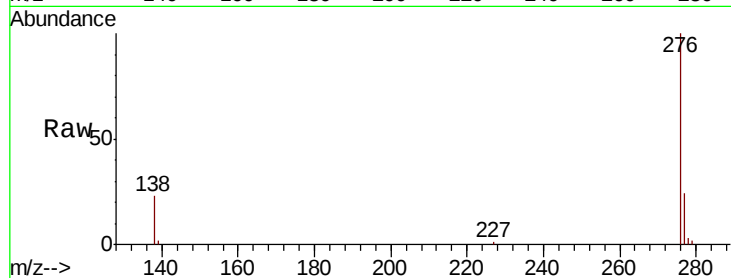
#26
Benzo(a,h,i)perylene
Concen: 1.699 ng/ul
RT: 25.94 min Scan# 6271
Delta R.T. -0.01 min
Lab File: BN009244.D
Acq: 29 Dec 2019 00:40

Instrument :
BNA_N
ClientSampleId :
C0C84

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.6	30.8
277	23.9	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

