

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
 Data File : BN009258.D
 Acq On : 30 Dec 2019 14:07
 Operator : JU
 Sample : K6322-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C40

Manual Integrations
 APPROVED

mohammad
 12/31/2019 8:27:54 AM

Quant Time: Dec 30 15:25:39 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 : Mon Dec 30 11:05:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2165	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	7820	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	4208	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	8435	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	6753	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	6894	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2171	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	4353	0.18	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.31	128	8242	0.348	ng/ul	99
5) 2-Methylnaphthalene	11.93	142	5285	0.295	ng/ul	100
7) Acenaphthylene	13.85	152	3957	0.179	ng/ul	95
8) Acenaphthene	14.20	153	607	0.035	ng/ul	96
9) Fluorene	15.19	166	1170	0.057	ng/ul#	96
12) Phenanthrene	16.92	178	30269	1.032	ng/ul	100
13) Anthracene	17.02	178	5907	0.225	ng/ul	98
15) Fluoranthene	18.95	202	75105	2.239	ng/ul	99
17) Pyrene	19.32	202	64096	1.860	ng/ul	99
18) Benzo(a)anthracene	21.07	228	31104	1.037	ng/ul	97
19) Chrysene	21.12	228	36465	1.210	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	51604m	1.603	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	17728m	0.546	ng/ul	
23) Benzo(a)pyrene	23.12	252	31390	1.113	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.31	276	23585	0.768	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.31	278	5392	0.220	ng/ul#	86
26) Benzo(a,h,i)perylene	25.94	276	23405	0.904	ng/ul	97

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

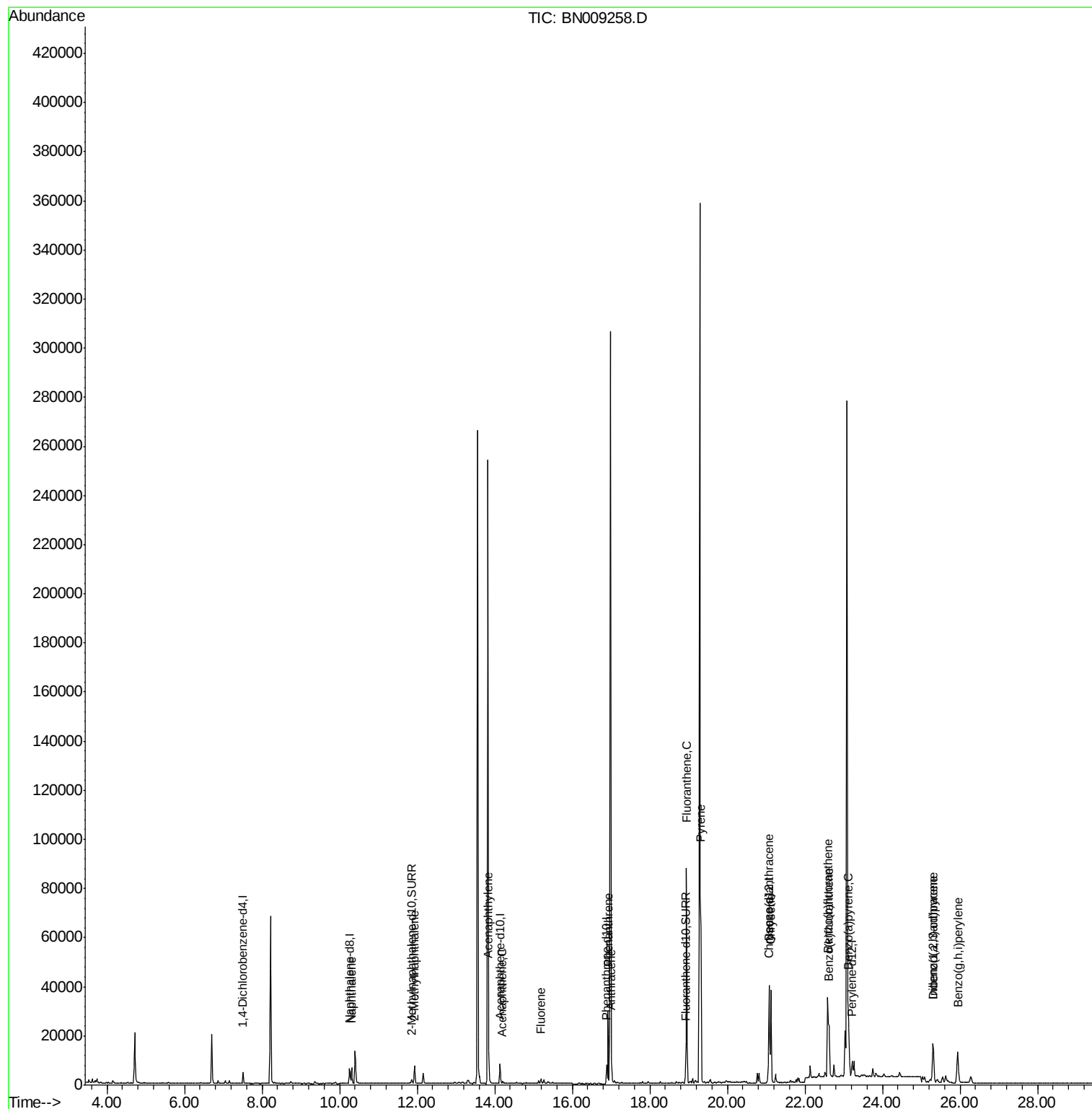
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
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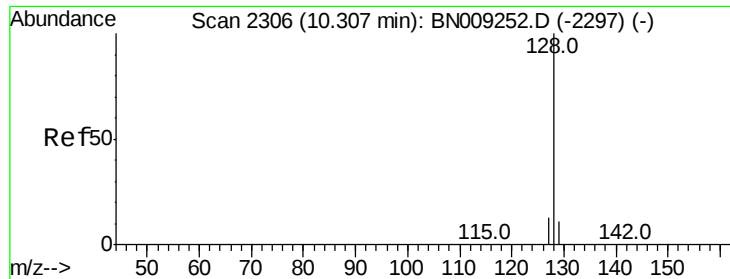
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
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QLast Update : Mon Dec 30 11:05:47 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.348 ng/ul

RT: 10.31 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

Instrument :

BNA_N

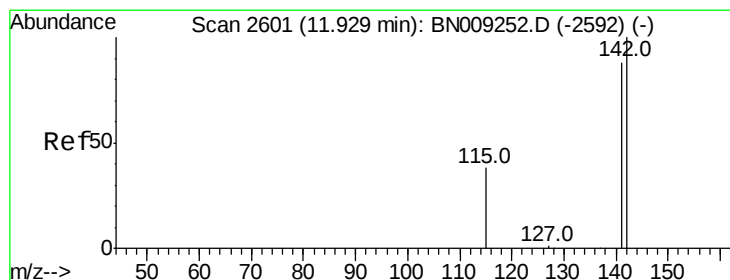
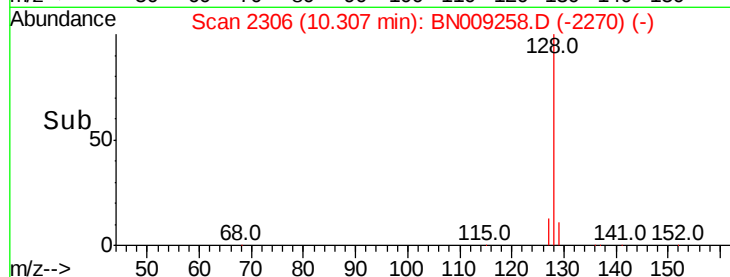
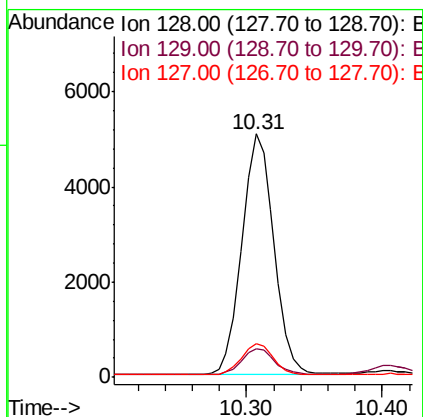
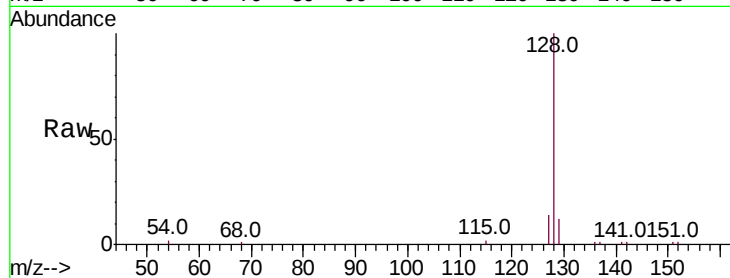
ClientSampleId :

C0C40

Tot Ion:	128	Resp:	8242
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.0	13.4
127	13.9	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.295 ng/ul

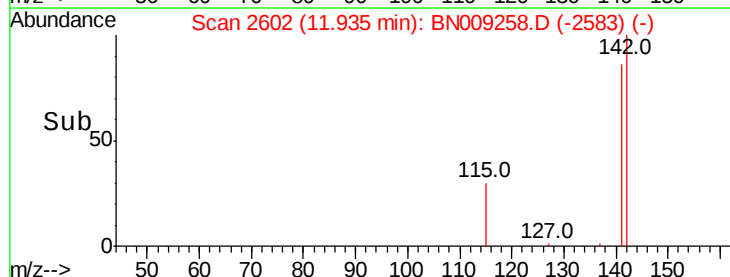
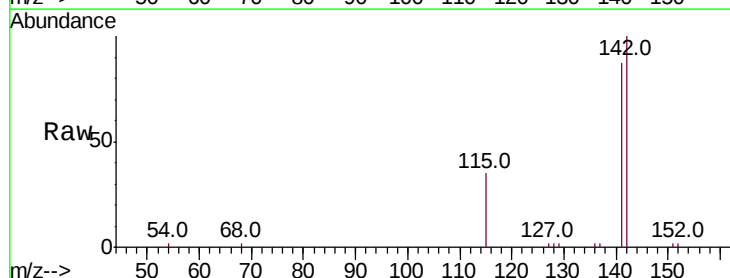
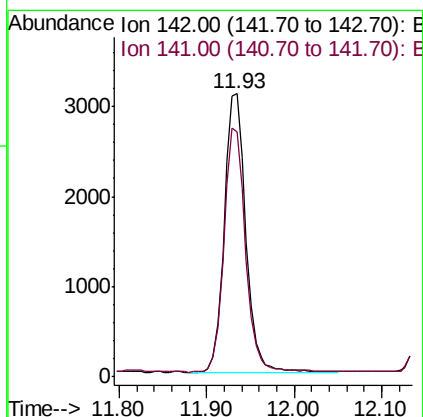
RT: 11.93 min Scan# 2602

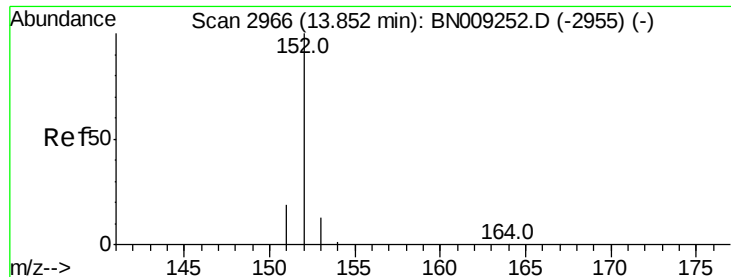
Delta R.T. 0.01 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

Tgt Ion:	142	Resp:	5285
Ion Ratio	Lower	Upper	
142	100		
141	87.8	70.2	105.4





#7

Acenaphthylene

Concen: 0.179 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. 0.00 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

Instrument :

BNA_N

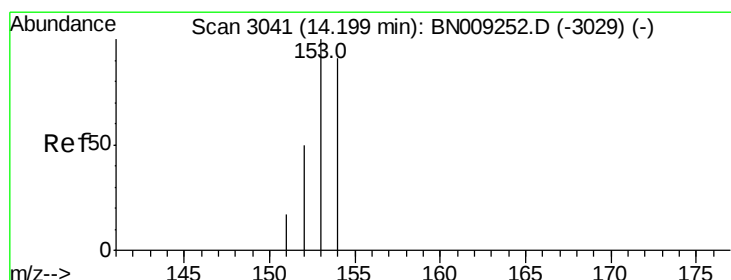
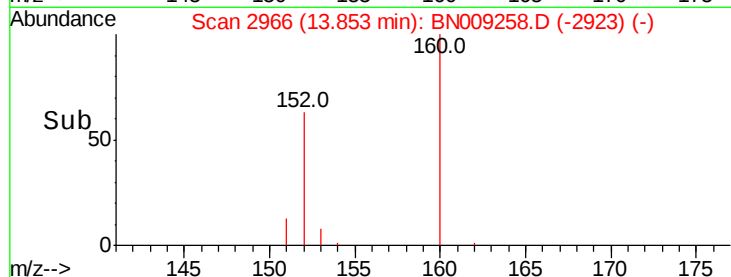
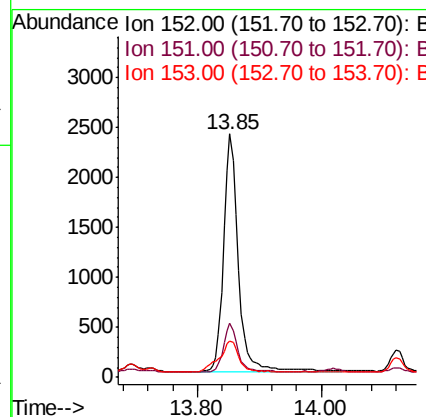
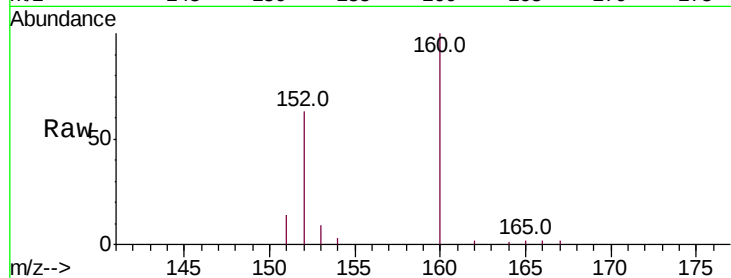
ClientSampleId :

C0C40

Tot Ion:	152	Resp:	3957
Ion	Ratio	Lower	Upper
152	100		
151	22.0	15.7	23.5
153	15.0	10.8	16.2

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#8

Acenaphthene

Concen: 0.035 ng/ul

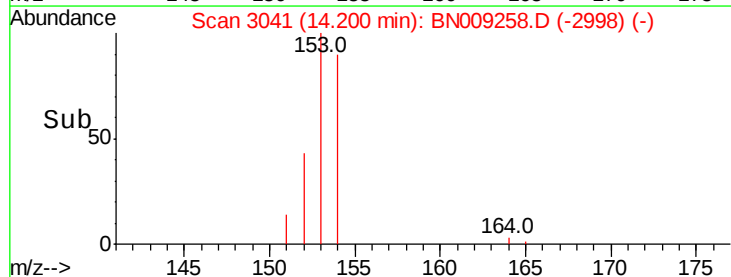
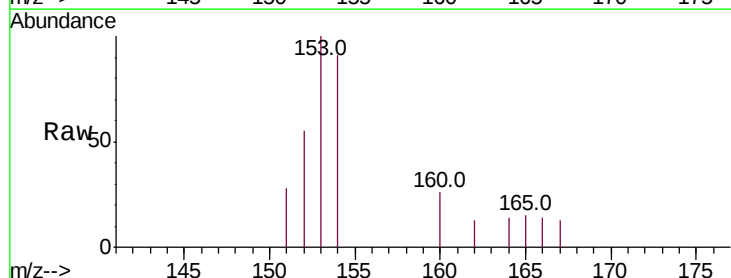
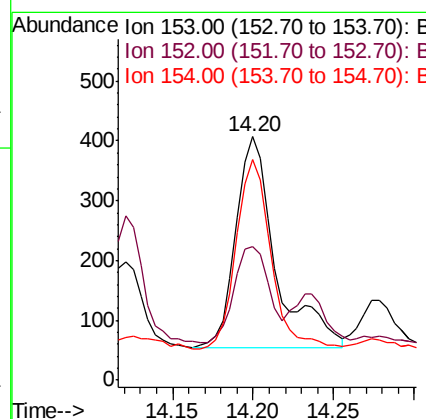
RT: 14.20 min Scan# 3041

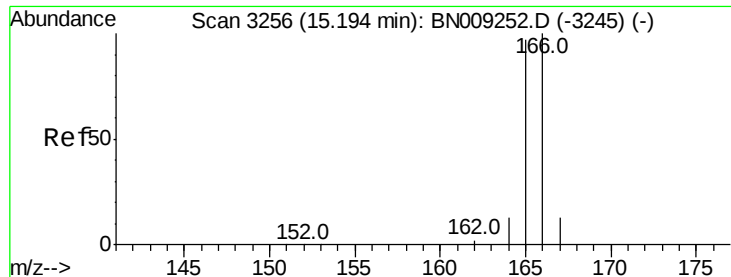
Delta R.T. 0.00 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

Tgt Ion:	153	Resp:	607
Ion	Ratio	Lower	Upper
153	100		
152	55.0	39.5	59.3
154	90.7	71.3	106.9





#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

Instrument :

BNA_N

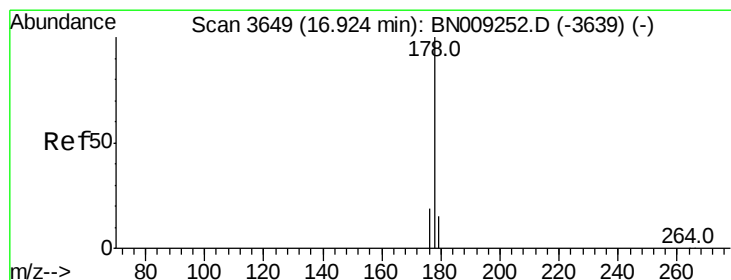
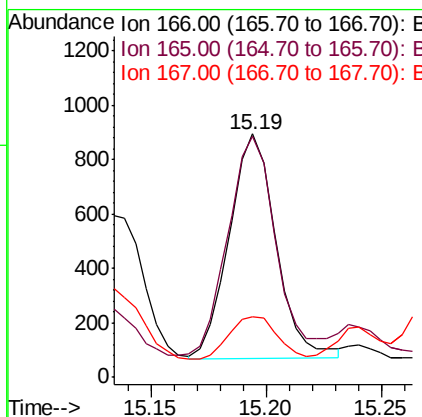
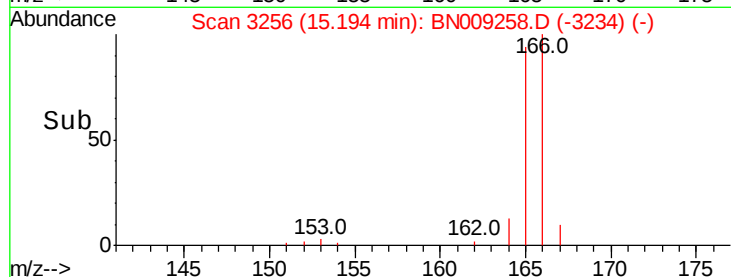
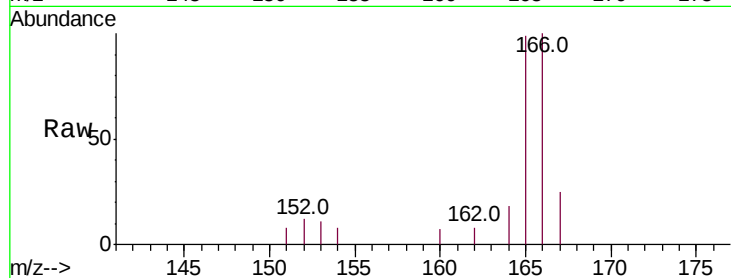
ClientSampled :

C0C40

Tot Ion:	166	Resp:	1170
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.2	117.4
167	24.9	11.0	16.6#

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#12

Phenanthrene

Concen: 1.032 ng/ul

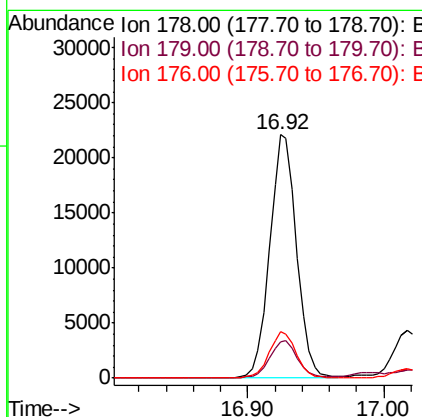
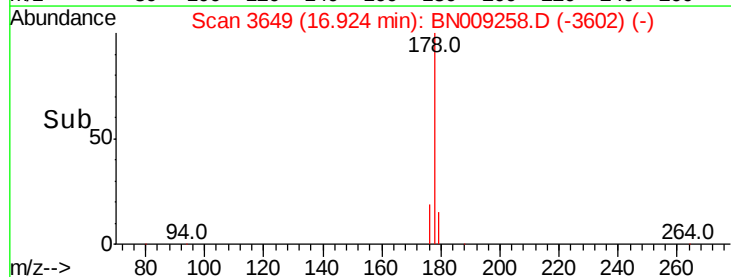
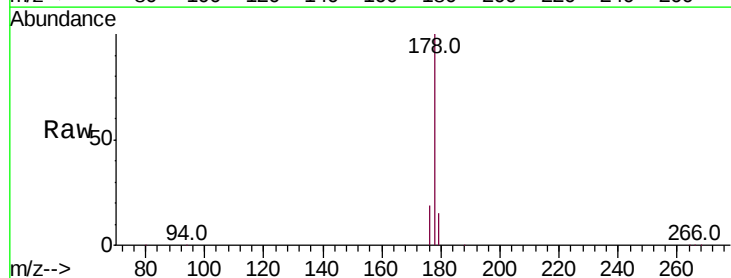
RT: 16.92 min Scan# 3649

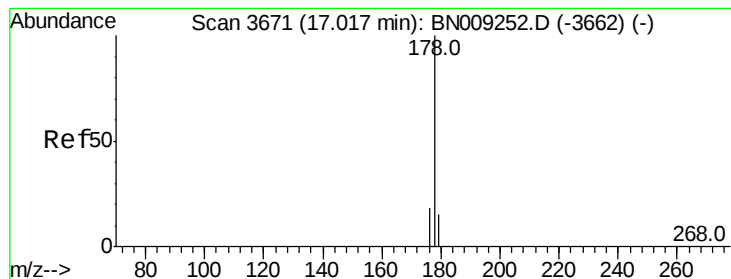
Delta R.T. 0.00 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

Tgt Ion:	178	Resp:	30269
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	19.0	15.1	22.7





#13

Anthracene

Concen: 0.225 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

Instrument :

BNA_N

ClientSampled :

C0C40

Tot Ion:178 Resp: 5907

Ion Ratio Lower Upper

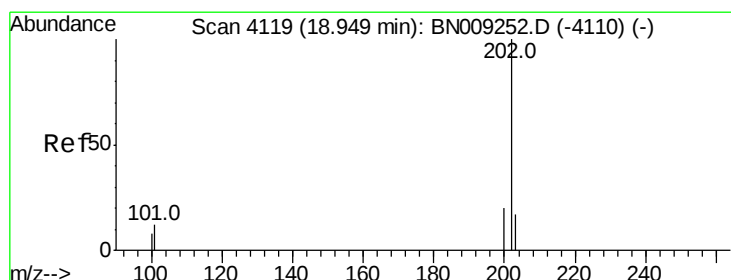
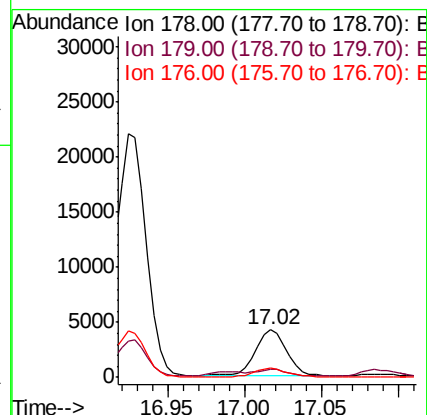
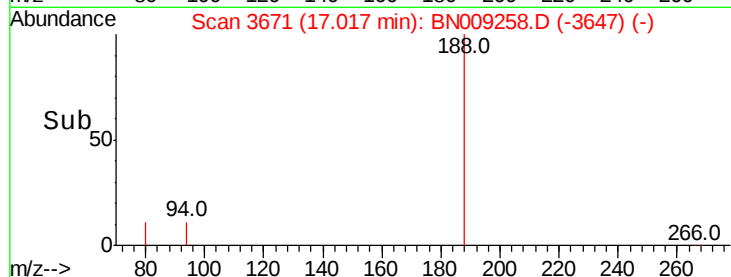
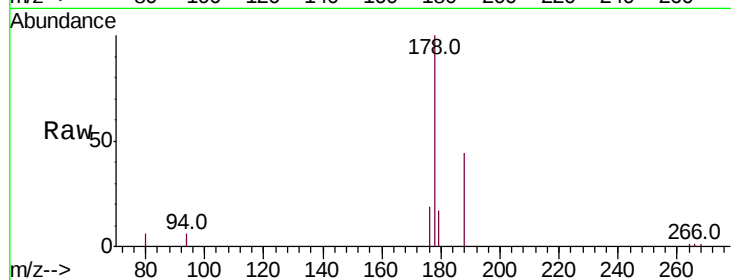
178 100

179 17.0 12.5 18.7

176 19.1 14.9 22.3

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#15

Fluoranthene

Concen: 2.239 ng/ul

RT: 18.95 min Scan# 4120

Delta R.T. 0.00 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

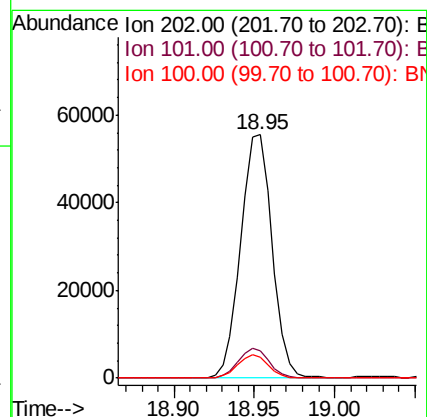
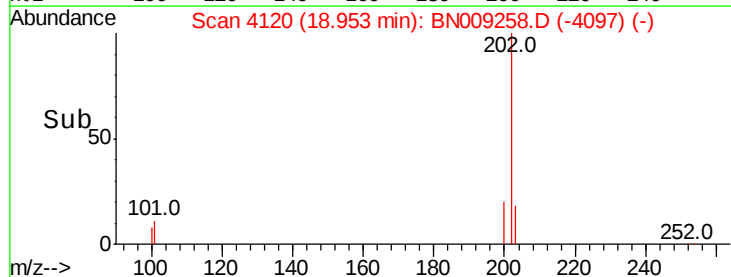
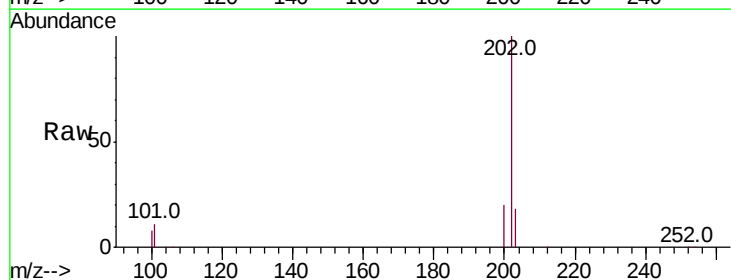
Tgt Ion:202 Resp: 75105

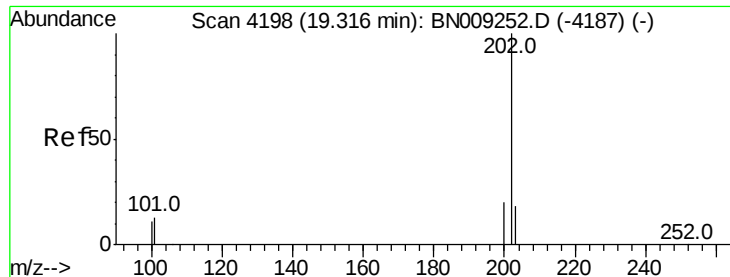
Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.5

100 8.4 0.0 28.9





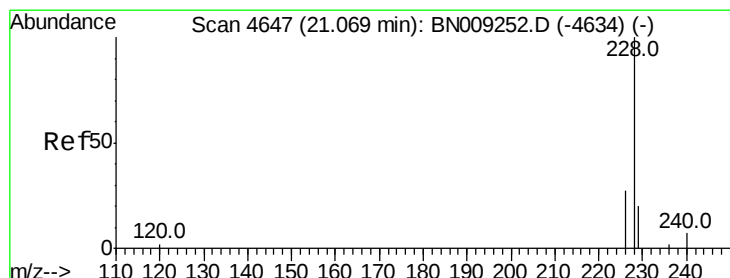
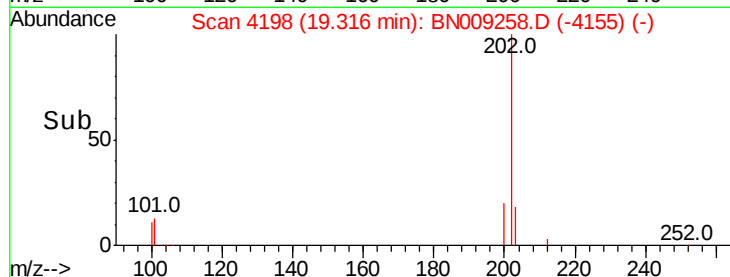
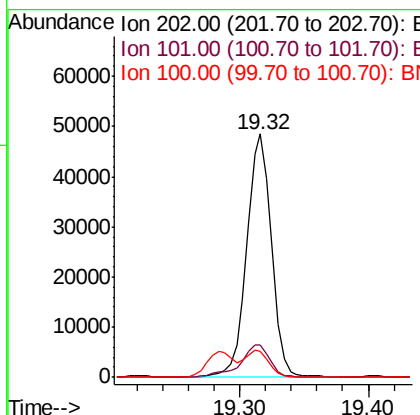
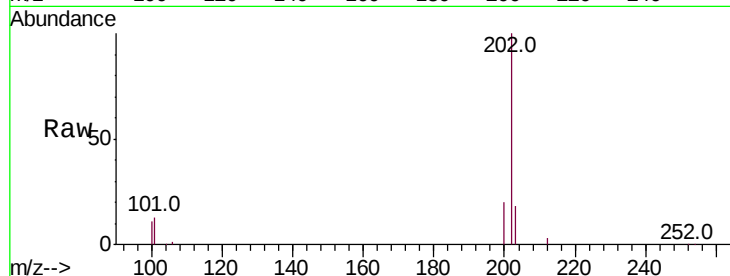
#17
Pvrene
Concen: 1.860 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009258.D
Acq: 30 Dec 2019 14:07

Instrument :
BNA_N
ClientSampleId :
C0C40

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.9	16.3
100	10.8	9.0	13.6

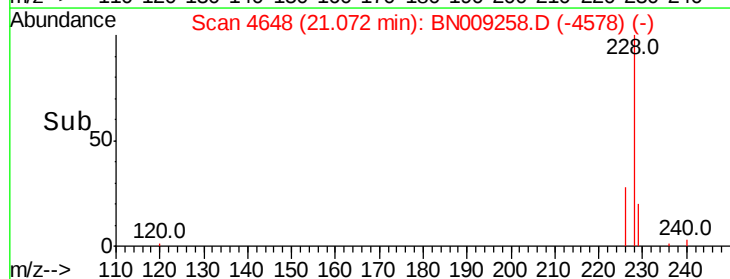
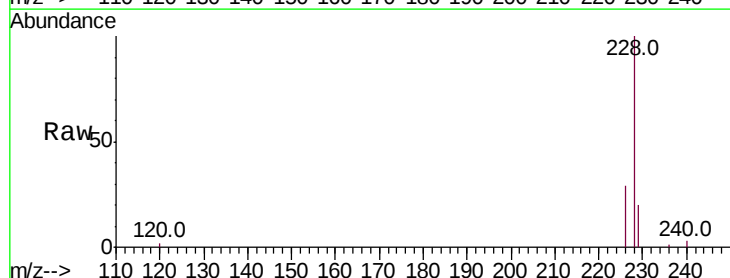
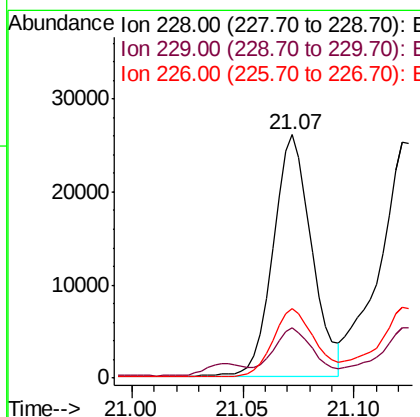
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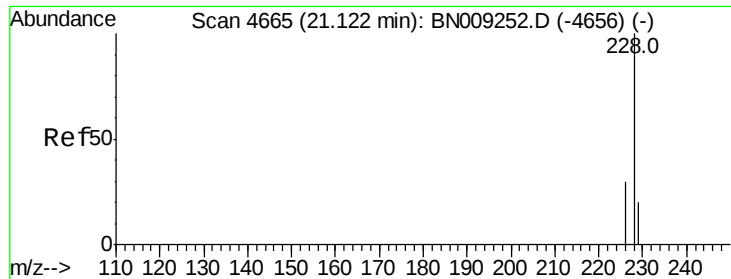
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#18
Benzo(a)anthracene
Concen: 1.037 ng/ul
RT: 21.07 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BN009258.D
Acq: 30 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.5	23.3
226	28.6	21.7	32.5





#19

Chrysene

Concen: 1.210 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. 0.00 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

Instrument :

BNA_N

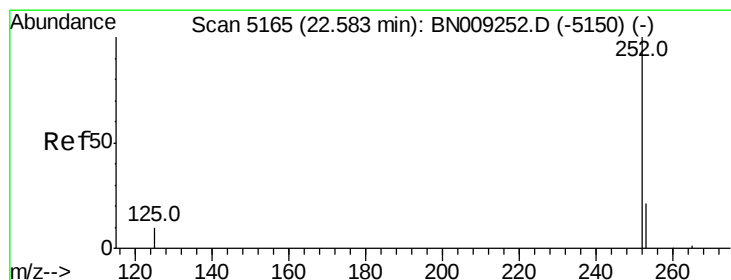
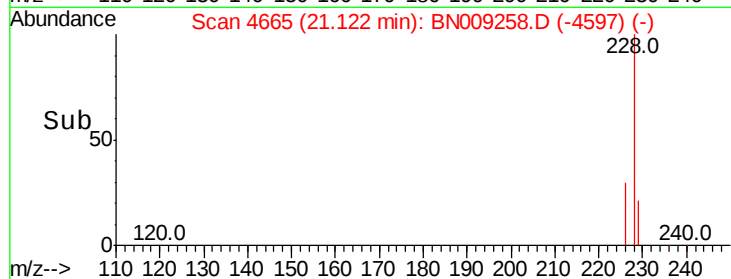
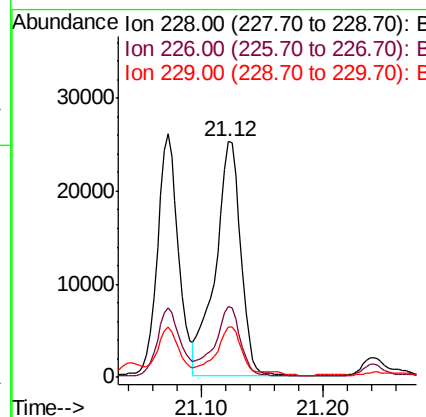
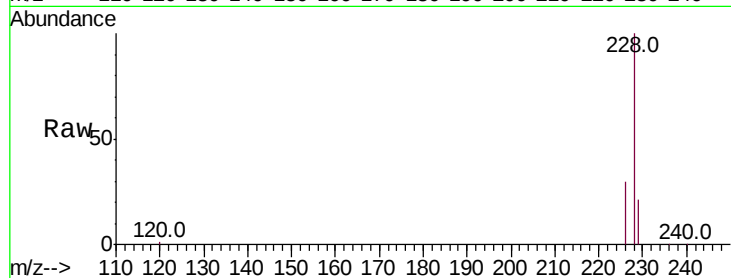
ClientSampleId :

C0C40

Tot Ion:	228	Resp:	36465
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.7	35.5
229	21.3	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 1.603 ng/ul m

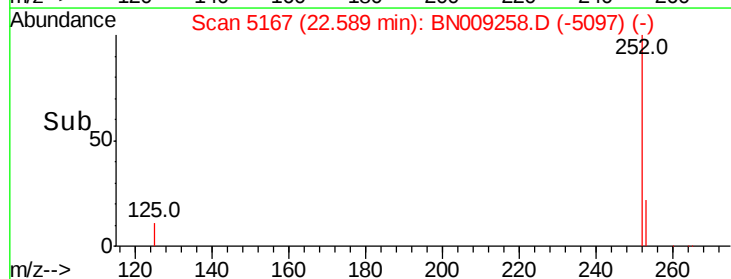
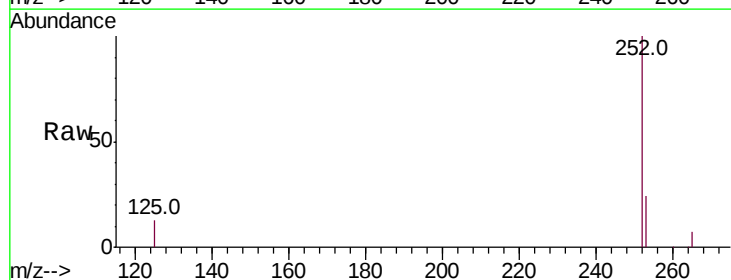
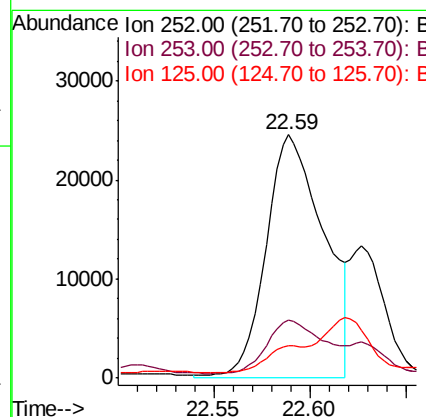
RT: 22.59 min Scan# 5167

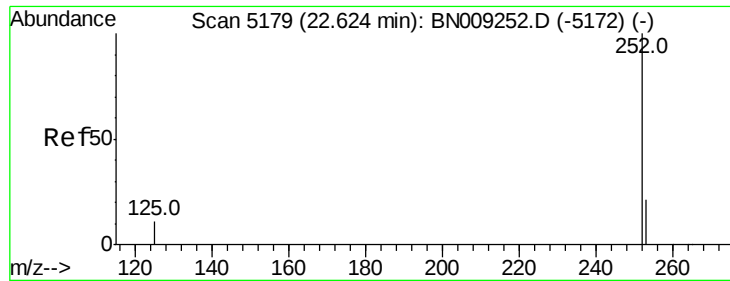
Delta R.T. 0.01 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

Tgt Ion:	252	Resp:	51604
Ion Ratio	Lower	Upper	
252	100		
253	23.8	0.0	48.2
125	13.1	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.546 ng/ul m

RT: 22.63 min Scan# 5180

Delta R.T. 0.00 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

Instrument :

BNA_N

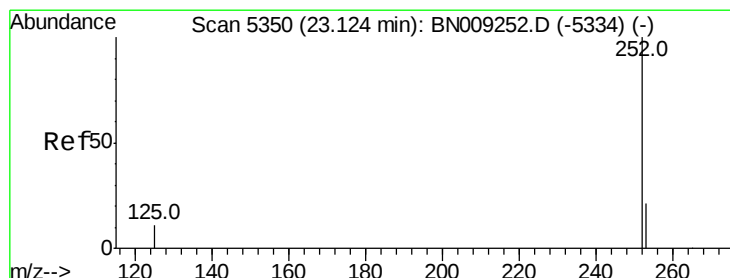
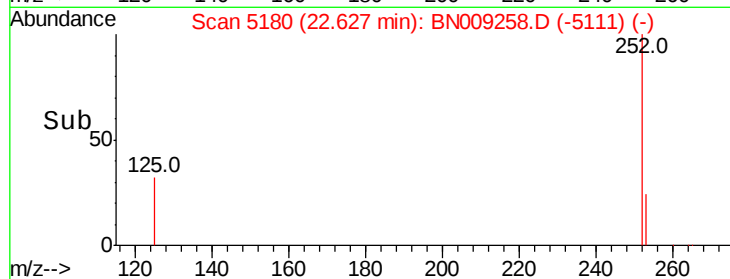
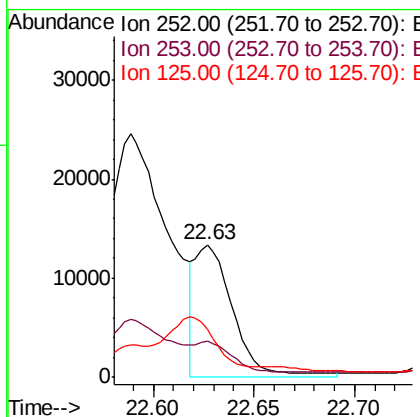
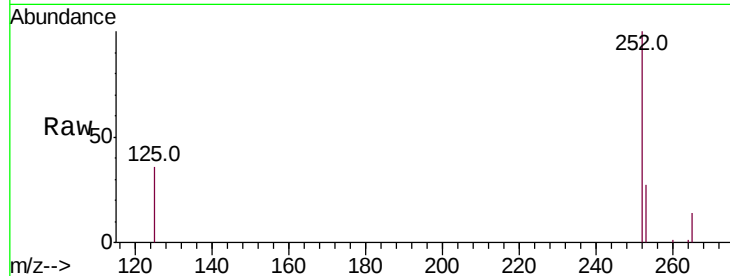
ClientSampleId :

C0C40

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.4	29.0
125	36.0	12.4	18.6

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#23

Benzo(a)pyrene

Concen: 1.113 ng/ul

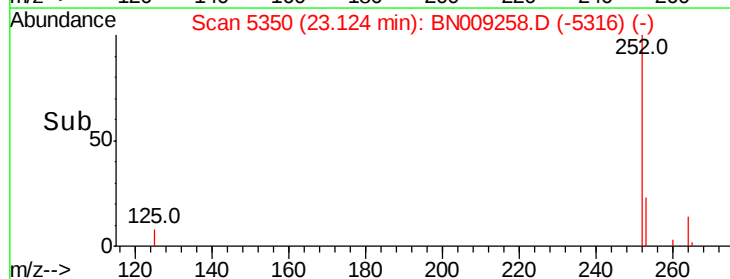
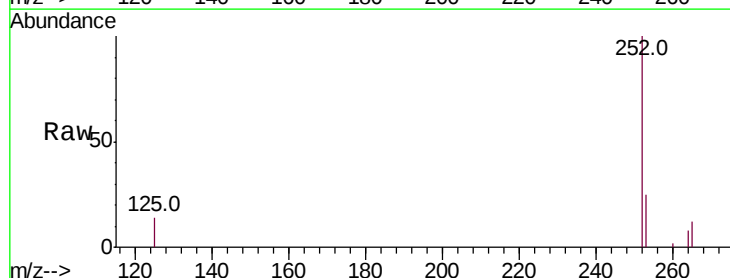
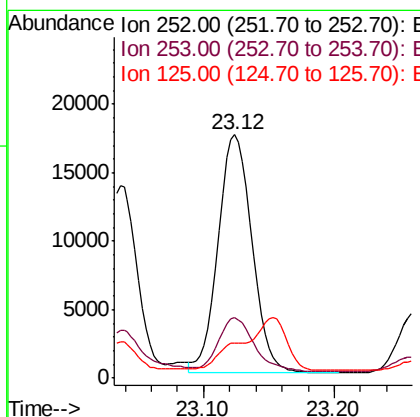
RT: 23.12 min Scan# 5350

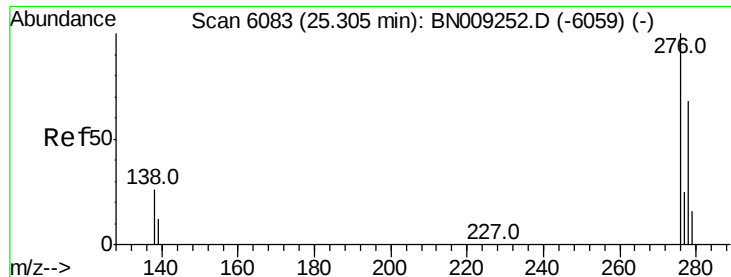
Delta R.T. 0.00 min

Lab File: BN009258.D

Acq: 30 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.2	30.4
125	14.5	13.2	19.8





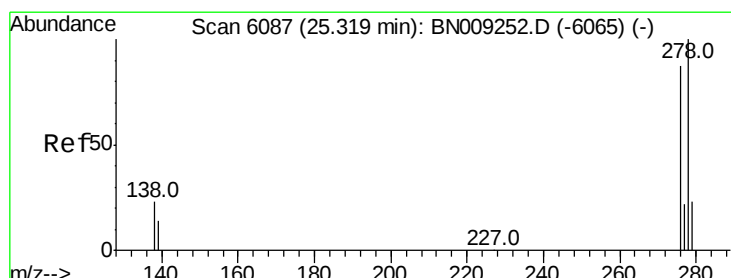
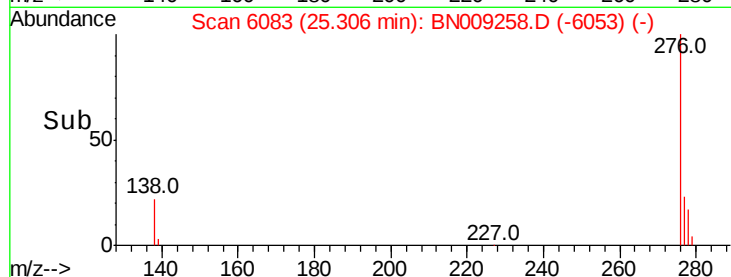
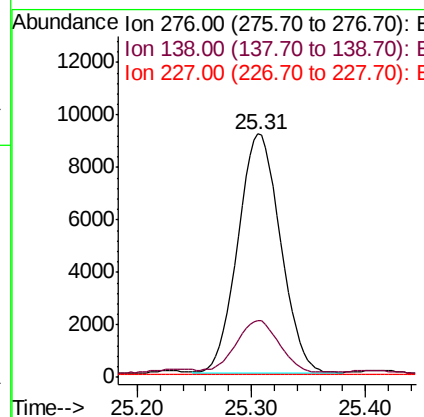
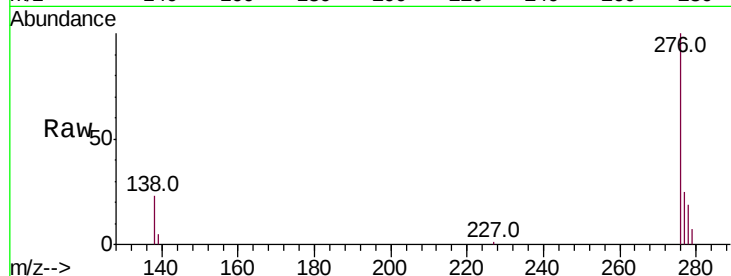
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.768 ng/uL
 RT: 25.31 min Scan# 6083
 Delta R.T. 0.00 min
 Lab File: BN009258.D
 Acq: 30 Dec 2019 14:07

Instrument :
 BNA_N
 ClientSampleId :
 C0C40

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.4	33.6#
227	0.1	0.2	0.4#

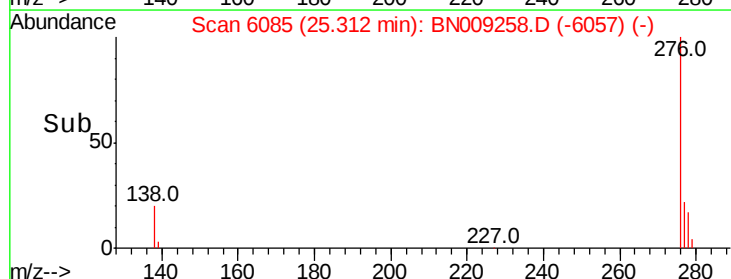
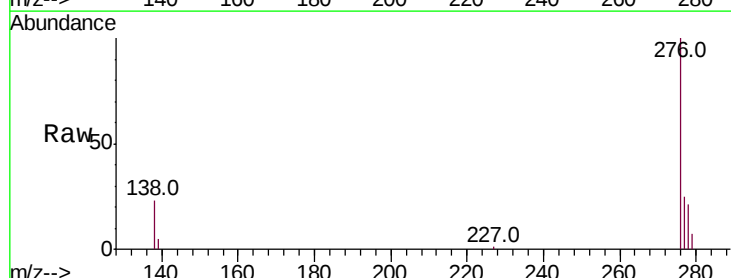
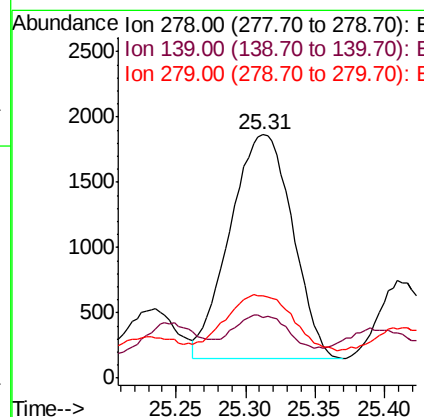
Manual Integrations
 APPROVED

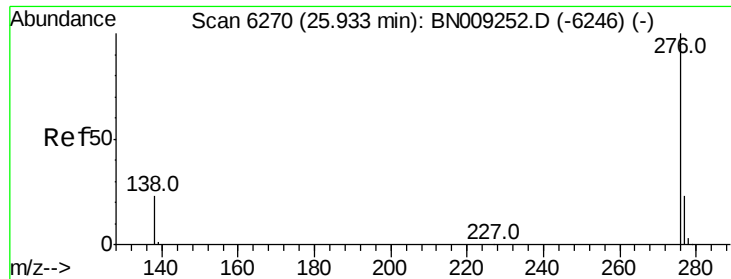
mohammad
 12/31/2019 8:27:54 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.220 ng/uL
 RT: 25.31 min Scan# 6085
 Delta R.T. -0.01 min
 Lab File: BN009258.D
 Acq: 30 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.1	16.2	24.2#
279	33.7	20.3	30.5#





#26
 Benzo(a,h,i)perylene
 Concen: 0.904 ng/ul
 RT: 25.94 min Scan# 6273
 Delta R.T. 0.01 min
 Lab File: BN009258.D
 Acq: 30 Dec 2019 14:07

Instrument :
 BNA_N
 ClientSampleId :
 C0C40

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.6	30.8
277	24.8	19.6	29.4

Manual Integrations
 APPROVED

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 12/31/2019 8:27:54 AM

