

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009249.D
 Acq On : 29 Dec 2019 03:40
 Operator : JU
 Sample : K6278-15DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C68DL

Manual Integrations
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Quant Time: Dec 29 06:05:38 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	2683	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	9679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	5026	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	10206	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	8005	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8295	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	654	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	1282	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	983	0.033	ng/ul#	82
5) 2-Methylnaphthalene	11.94	142	531	0.024	ng/ul	100
7) Acenaphthylene	13.85	152	1062	0.040	ng/ul#	86
12) Phenanthrene	16.93	178	4093	0.115	ng/ul	97
13) Anthracene	17.02	178	1167	0.037	ng/ul#	87
15) Fluoranthene	18.95	202	8176	0.201	ng/ul	96
17) Pyrene	19.31	202	7068	0.173	ng/ul	95
18) Benzo(a)anthracene	21.07	228	3751	0.106	ng/ul#	90
19) Chrysene	21.12	228	3696	0.103	ng/ul#	93
21) Benzo(b)fluoranthene	22.59	252	5000m	0.129	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	1759m	0.045	ng/ul	
23) Benzo(a)pyrene	23.12	252	3127	0.092	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	25.30	276	2234	0.060	ng/ul#	88
26) Benzo(g,h,i)perylene	25.93	276	2267	0.073	ng/ul#	81

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

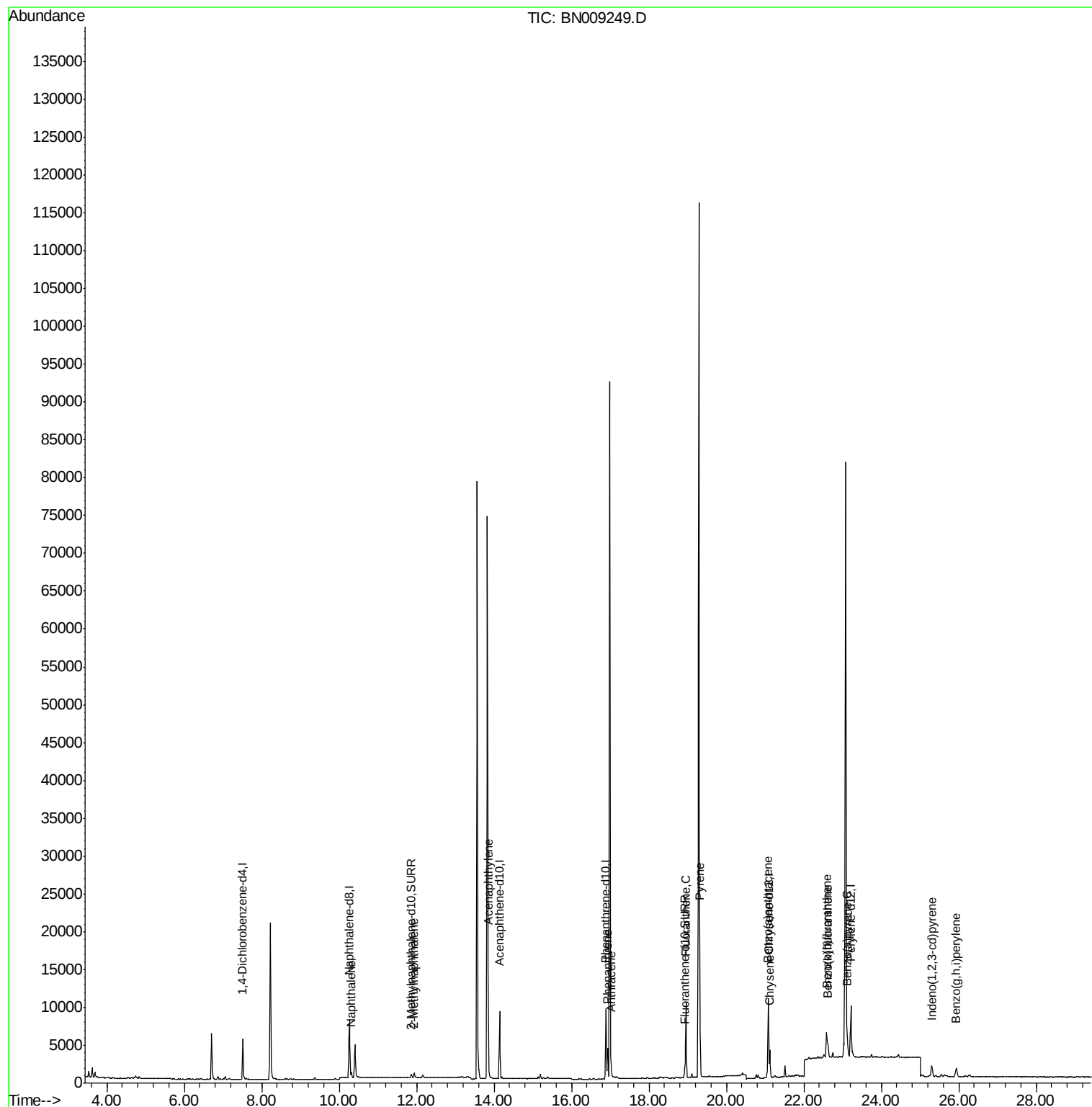
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009249.D
Acq On : 29 Dec 2019 03:40
Operator : JU
Sample : K6278-15DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

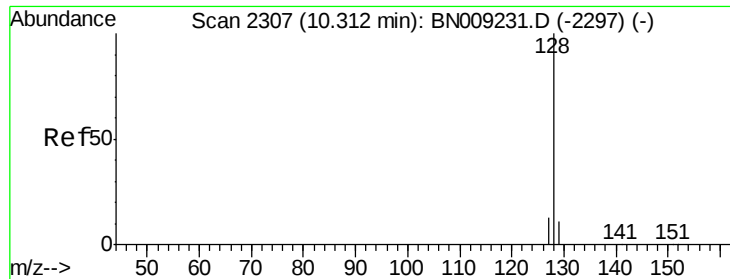
Instrument :
BNA_N
ClientSampleId :
C0C68DL

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Quant Time: Dec 29 06:05:38 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





#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BN009249.D

Acq: 29 Dec 2019 03:40

Instrument :

BNA_N

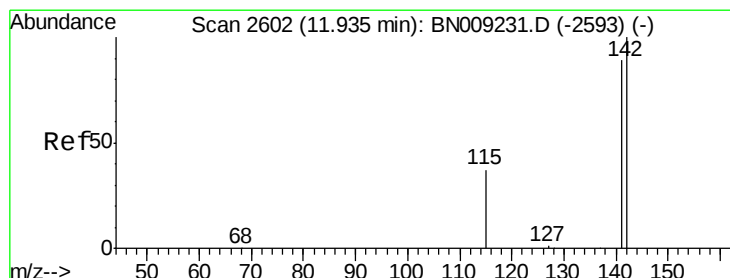
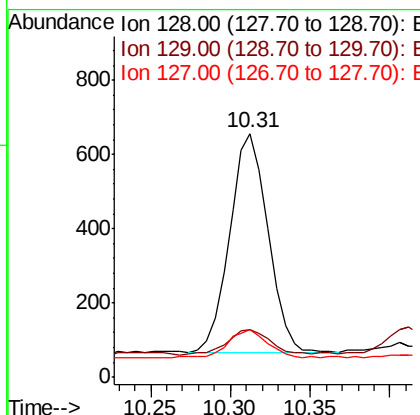
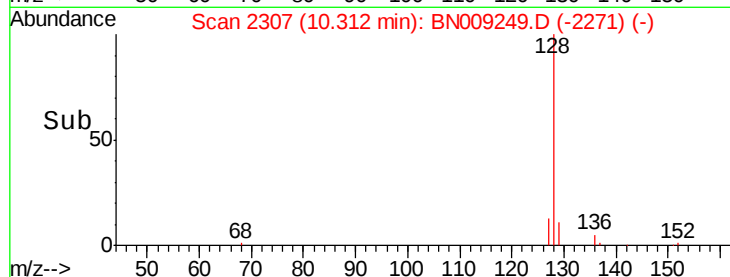
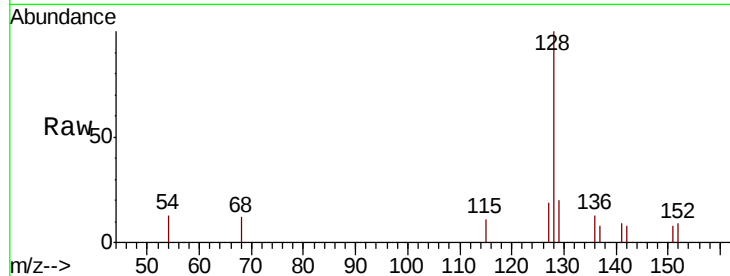
ClientSampleId :

C0C68DL

Tot Ion:	128	Resp:	983
Ion Ratio	Lower	Upper	
128	100		
129	19.8	9.0	13.4#
127	19.4	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

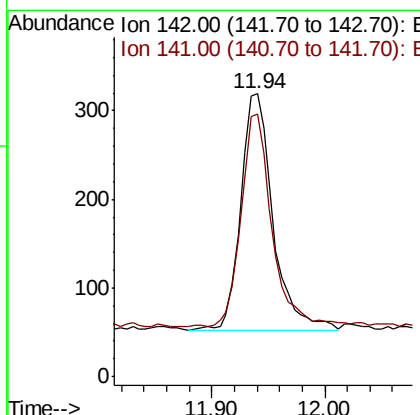
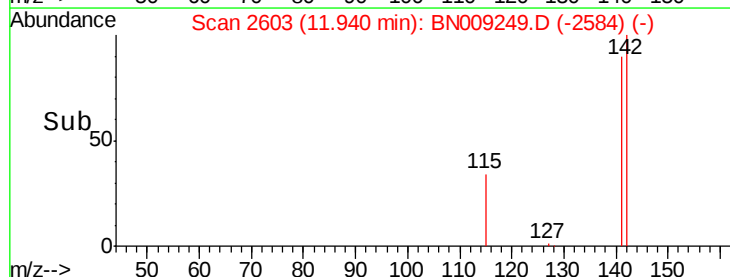
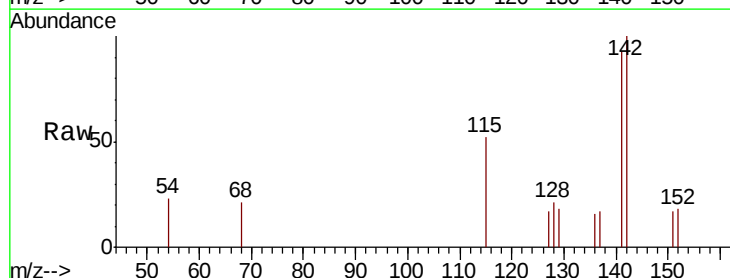
RT: 11.94 min Scan# 2603

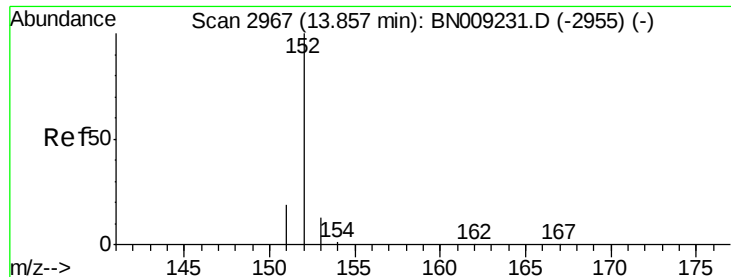
Delta R.T. 0.01 min

Lab File: BN009249.D

Acq: 29 Dec 2019 03:40

Tgt Ion:	142	Resp:	531
Ion Ratio	Lower	Upper	
142	100		
141	87.8	70.2	105.4





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BN009249.D

Acq: 29 Dec 2019 03:40

Instrument :

BNA_N

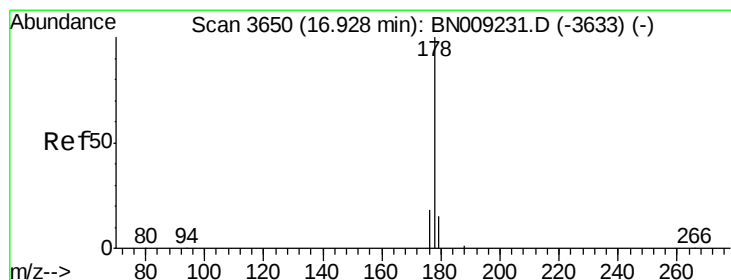
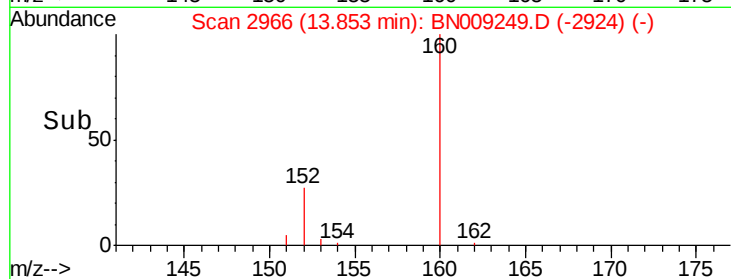
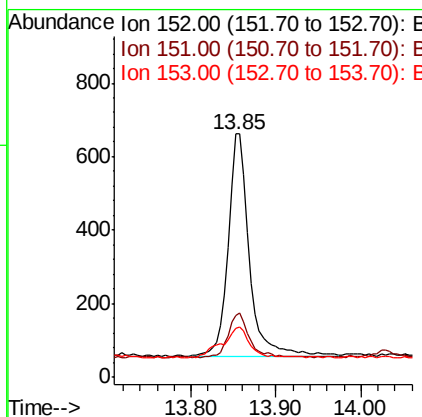
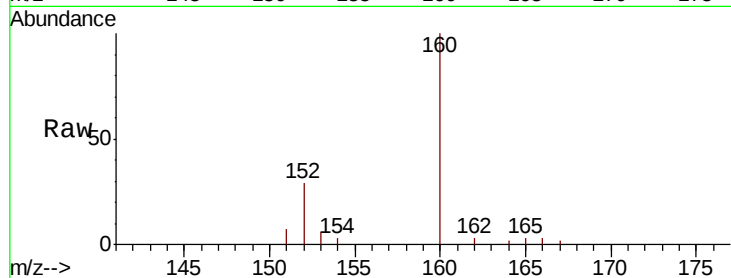
ClientSampleId :

C0C68DL

Tot Ion:	152	Resp:	1062
Ion Ratio	Lower	Upper	
152	100		
151	25.4	15.7	23.5#
153	19.9	10.8	16.2#

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#12

Phenanthrene

Concen: 0.115 ng/ul

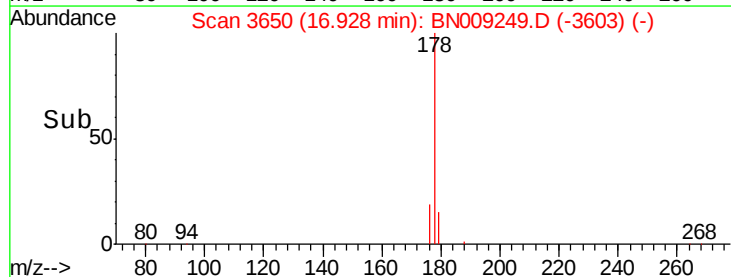
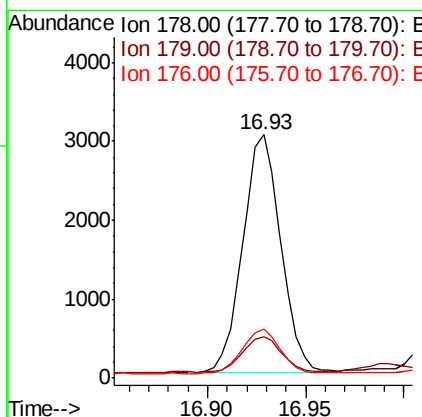
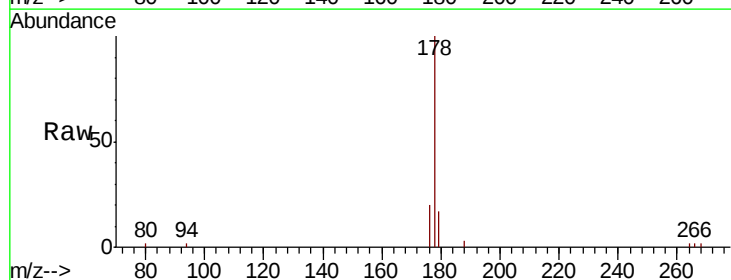
RT: 16.93 min Scan# 3650

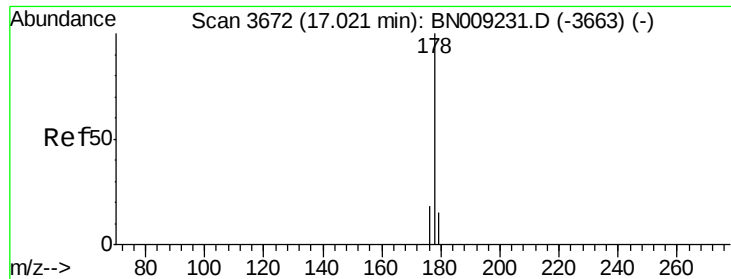
Delta R.T. 0.00 min

Lab File: BN009249.D

Acq: 29 Dec 2019 03:40

Tgt Ion:	178	Resp:	4093
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.3	18.5
176	20.2	15.1	22.7





#13

Anthracene

Concen: 0.037 ng/ul

RT: 17.02 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BN009249.D

Acq: 29 Dec 2019 03:40

Instrument :

BNA_N

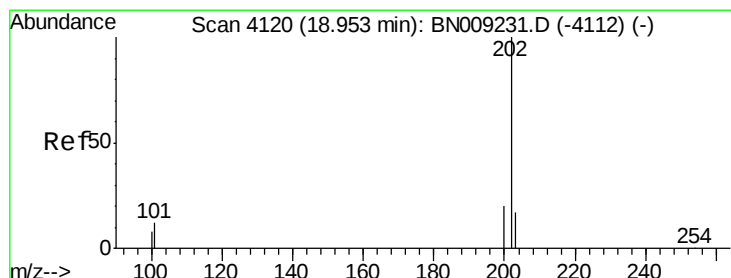
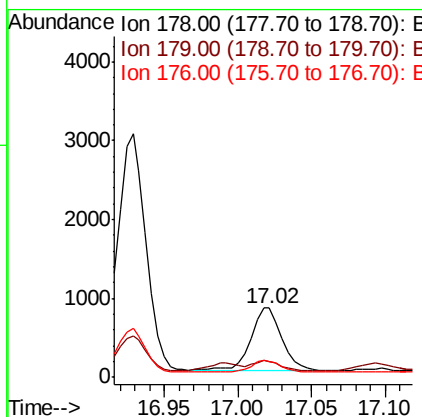
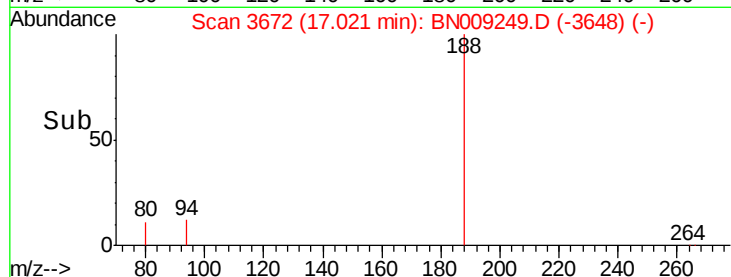
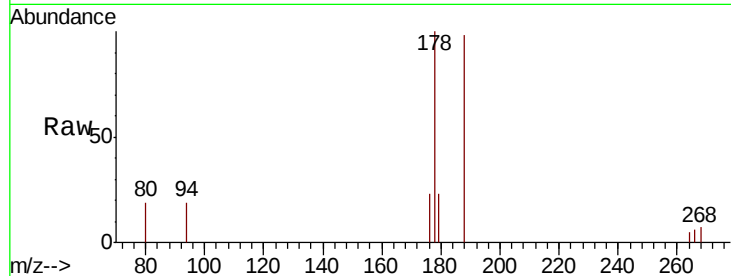
ClientSampleId :

C0C68DL

Tot Ion:	178	Resp:	1167
Ion Ratio	Lower	Upper	
178	100		
179	23.3	12.5	18.7#
176	22.8	14.9	22.3#

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#15

Fluoranthene

Concen: 0.201 ng/ul

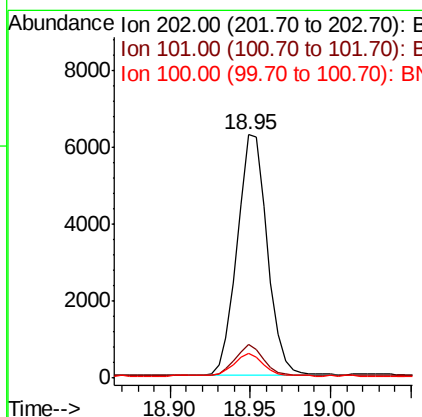
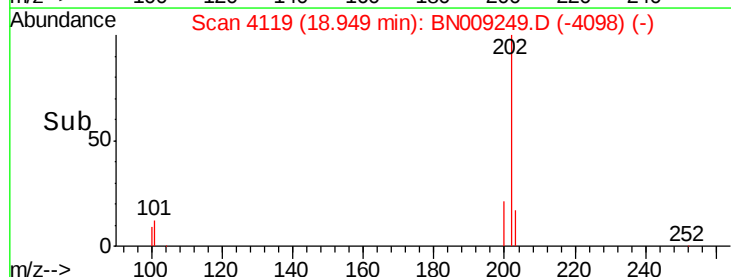
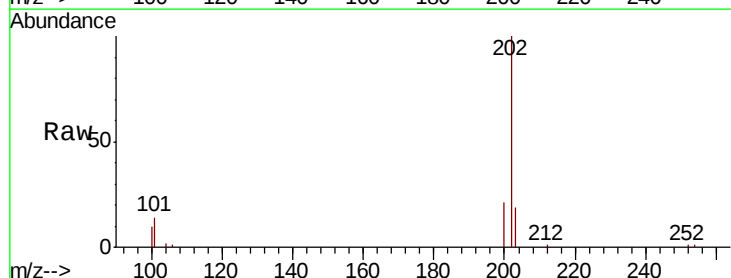
RT: 18.95 min Scan# 4119

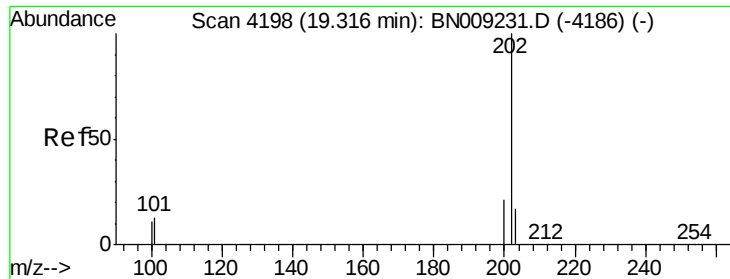
Delta R.T. -0.00 min

Lab File: BN009249.D

Acq: 29 Dec 2019 03:40

Tgt Ion:	202	Resp:	8176
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	31.5
100	10.0	0.0	28.9





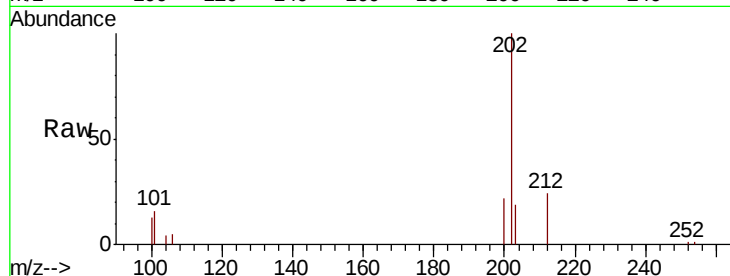
#17
 Pvrene
 Concen: 0.173 ng/ul
 RT: 19.31 min Scan# 4197
 Delta R.T. -0.00 min
 Lab File: BN009249.D
 Acq: 29 Dec 2019 03:40

Instrument :
 BNA_N
 ClientSampleId :
 C0C68DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.8	10.9	16.3
100	12.8	9.0	13.6

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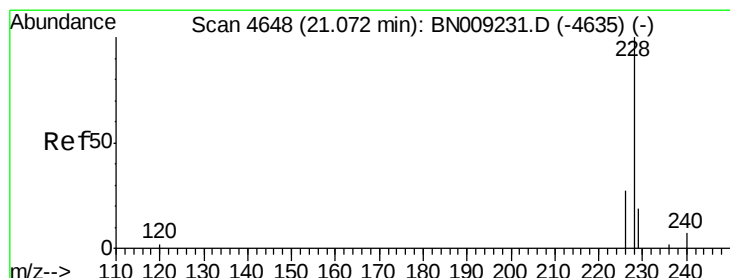
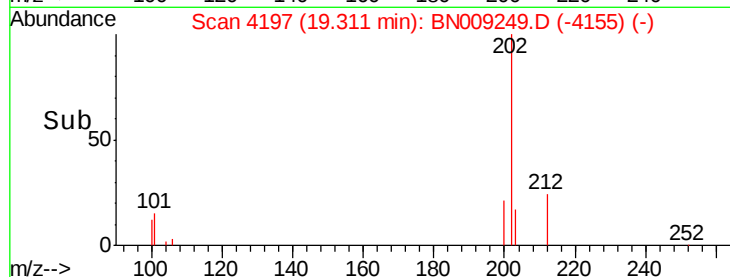
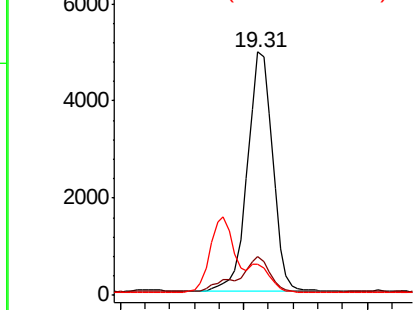


Abundance

Ion 202.00 (201.70 to 202.70): E

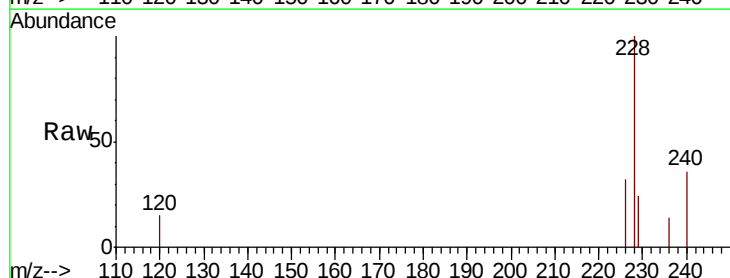
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18
 Benzo(a)anthracene
 Concen: 0.106 ng/ul
 RT: 21.07 min Scan# 4647
 Delta R.T. -0.00 min
 Lab File: BN009249.D
 Acq: 29 Dec 2019 03:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.5	15.5	23.3#
226	32.4	21.7	32.5

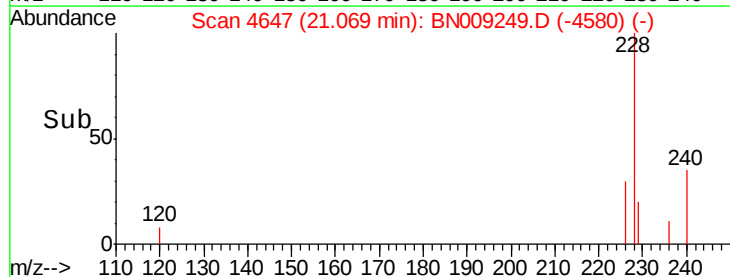
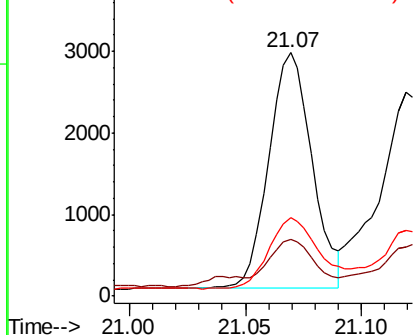


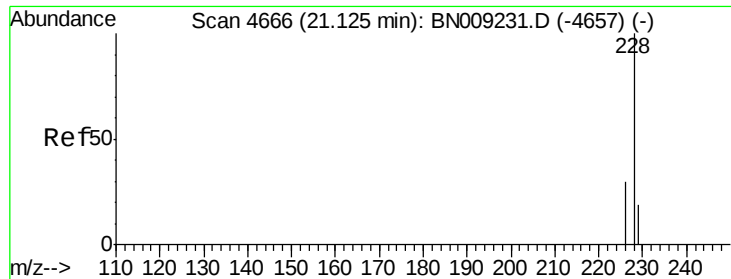
Abundance

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: 0.103 ng/ul

RT: 21.12 min Scan# 4664

Delta R.T. -0.01 min

Lab File: BN009249.D

Acq: 29 Dec 2019 03:40

Instrument :

BNA_N

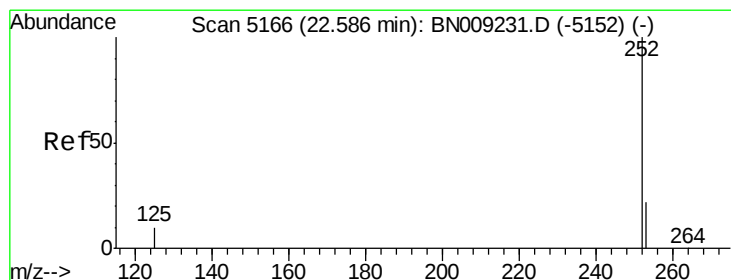
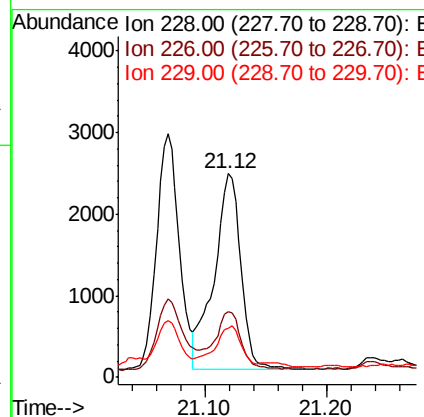
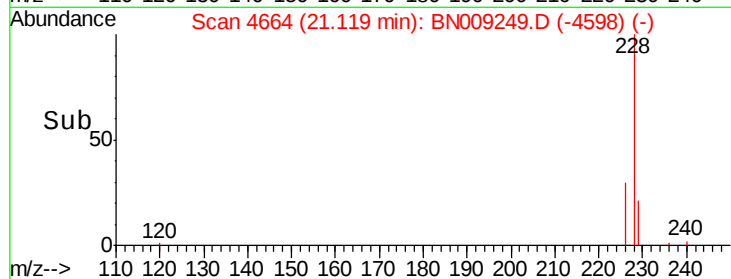
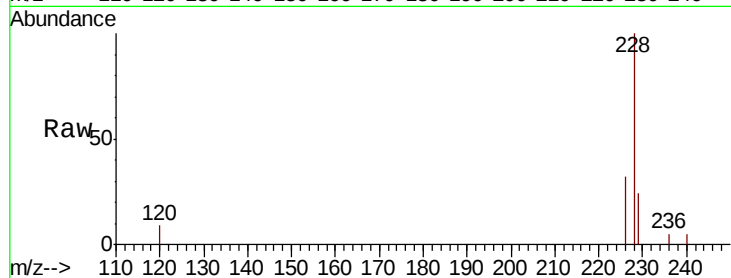
ClientSampleId :

C0C68DL

Tot Ion:	228	Resp:	3696
Ion Ratio	Lower	Upper	
228	100		
226	32.3	23.7	35.5
229	24.1	15.4	23.0#

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#21

Benzo(b)fluoranthene

Concen: 0.129 ng/ul m

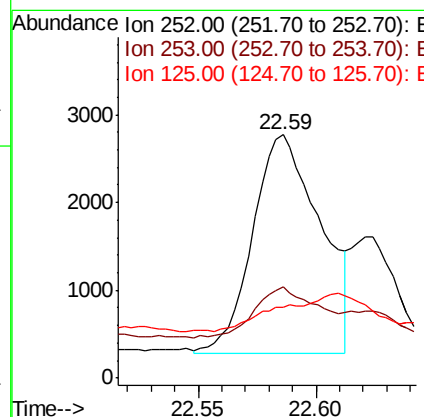
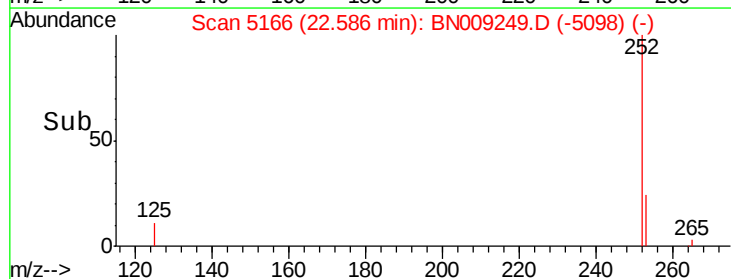
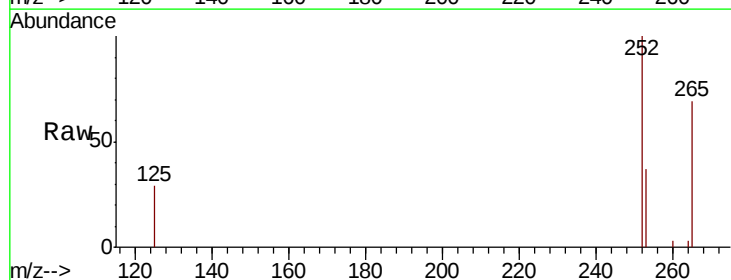
RT: 22.59 min Scan# 5166

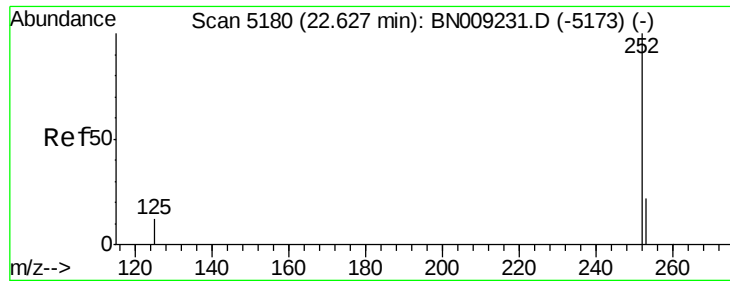
Delta R.T. 0.00 min

Lab File: BN009249.D

Acq: 29 Dec 2019 03:40

Tgt Ion:	252	Resp:	5000
Ion Ratio	Lower	Upper	
252	100		
253	37.3	0.0	48.2
125	29.3	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.045 ng/ul m

RT: 22.62 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BN009249.D

Acq: 29 Dec 2019 03:40

Instrument :

BNA_N

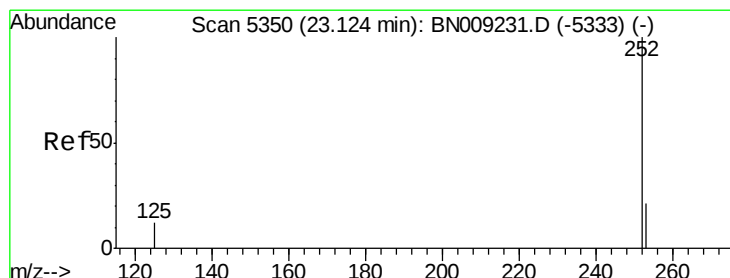
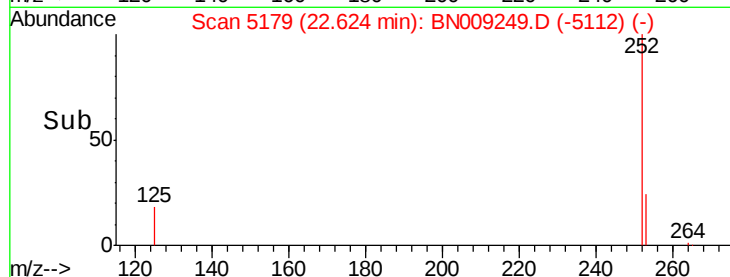
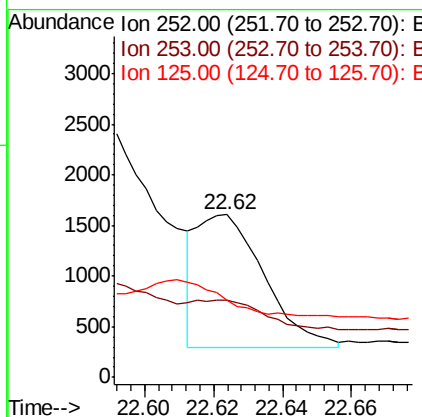
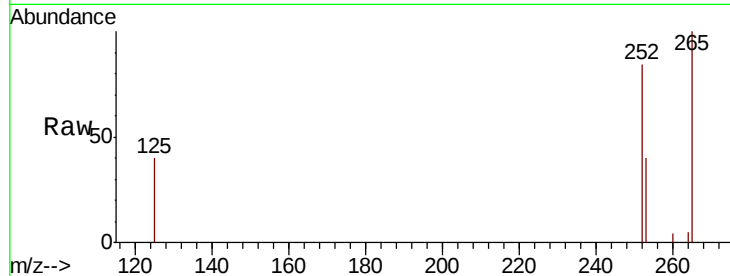
ClientSampleId :

C0C68DL

Tot Ion:	252	Resp:	1759
Ion Ratio	Lower	Upper	
252	100		
253	47.5	19.4	29.0#
125	47.7	12.4	18.6#

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#23

Benzo(a)pyrene

Concen: 0.092 ng/ul

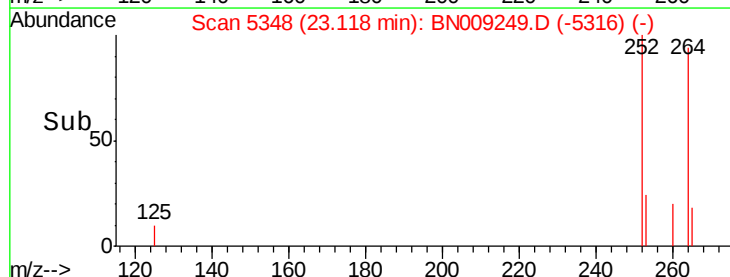
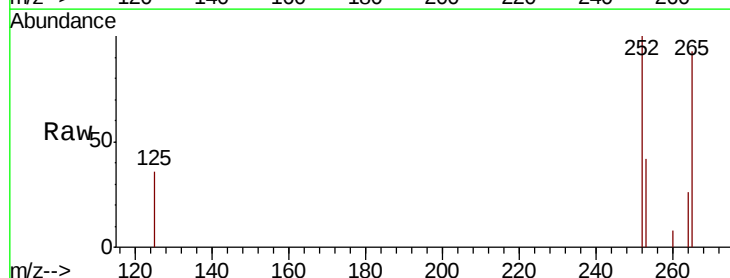
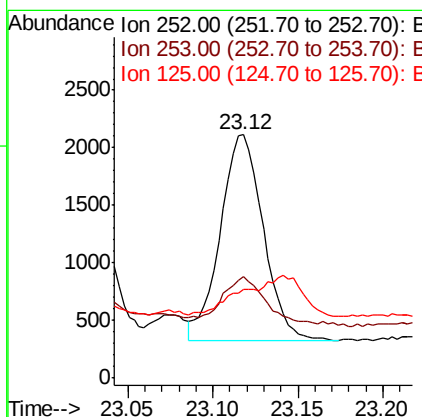
RT: 23.12 min Scan# 5348

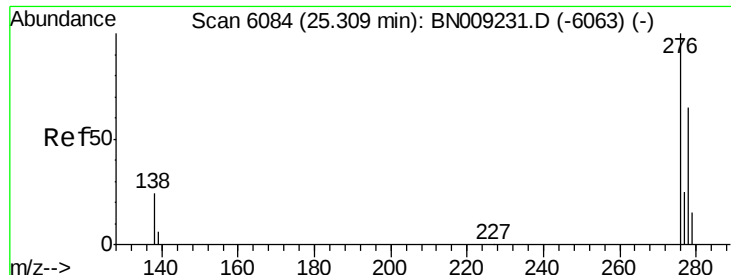
Delta R.T. -0.01 min

Lab File: BN009249.D

Acq: 29 Dec 2019 03:40

Tgt Ion:	252	Resp:	3127
Ion Ratio	Lower	Upper	
252	100		
253	41.6	20.2	30.4#
125	36.2	13.2	19.8#





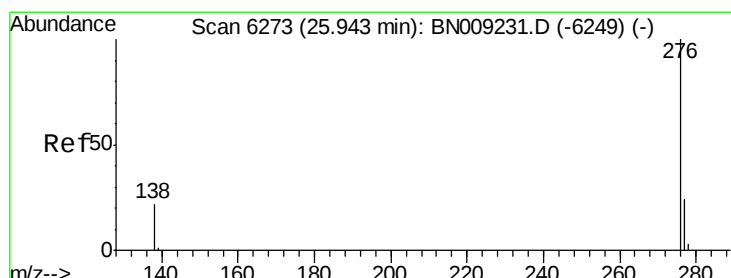
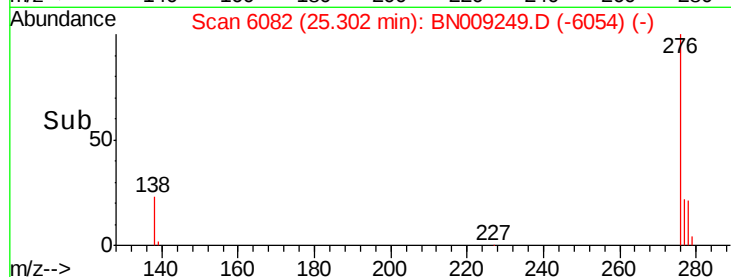
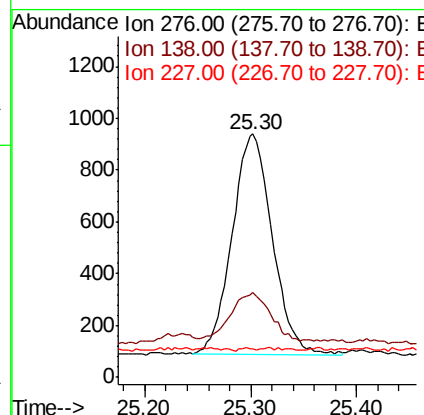
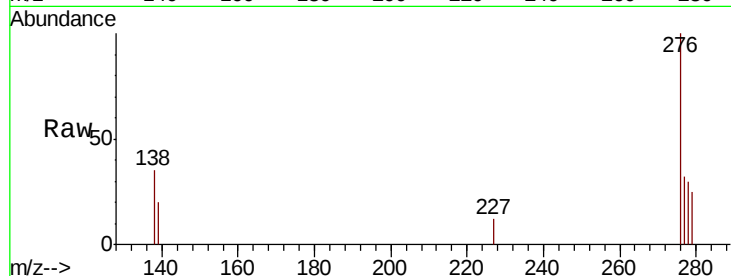
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng/u1
RT: 25.30 min Scan# 6082
Delta R.T. -0.01 min
Lab File: BN009249.D
Acq: 29 Dec 2019 03:40

Instrument :
BNA_N
ClientSampleId :
C0C68DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	22.4	33.6#
227	0.4	0.2	0.4

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#26
Benzo(g,h,i)perylene
Concen: 0.073 ng/u1
RT: 25.93 min Scan# 6270
Delta R.T. -0.01 min
Lab File: BN009249.D
Acq: 29 Dec 2019 03:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.1	20.6	30.8#
277	32.7	19.6	29.4#

