

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
 Data File : BN008990.D
 Acq On : 14 Dec 2019 05:10
 Operator : JU
 Sample : K4649-06DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5169DL

Manual Integrations
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Quant Time: Dec 16 01:30:14 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 : Mon Dec 16 00:48:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3313	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	14383	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	9460	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	21704	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	18313	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	16499	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	785	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	2361	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.89	152	7142	0.137	ng/ul	97
9) Fluorene	15.23	166	2133	0.047	ng/ul#	99
12) Phenanthrene	16.97	178	56439	0.771	ng/ul	99
13) Anthracene	17.06	178	9745	0.141	ng/ul	98
15) Fluoranthene	18.99	202	152436	1.695	ng/ul	98
17) Pyrene	19.35	202	130603	1.778	ng/ul	97
18) Benzo(a)anthracene	21.11	228	54289	0.737	ng/ul	98
19) Chrysene	21.16	228	56402	0.780	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	70525m	1.037	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	23610m	0.350	ng/ul	
23) Benzo(a)pyrene	23.18	252	46009	0.720	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.38	276	29088	0.389	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.38	278	6252	0.104	ng/ul#	91
26) Benzo(g,h,i)perylene	26.01	276	28390	0.454	ng/ul	97

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

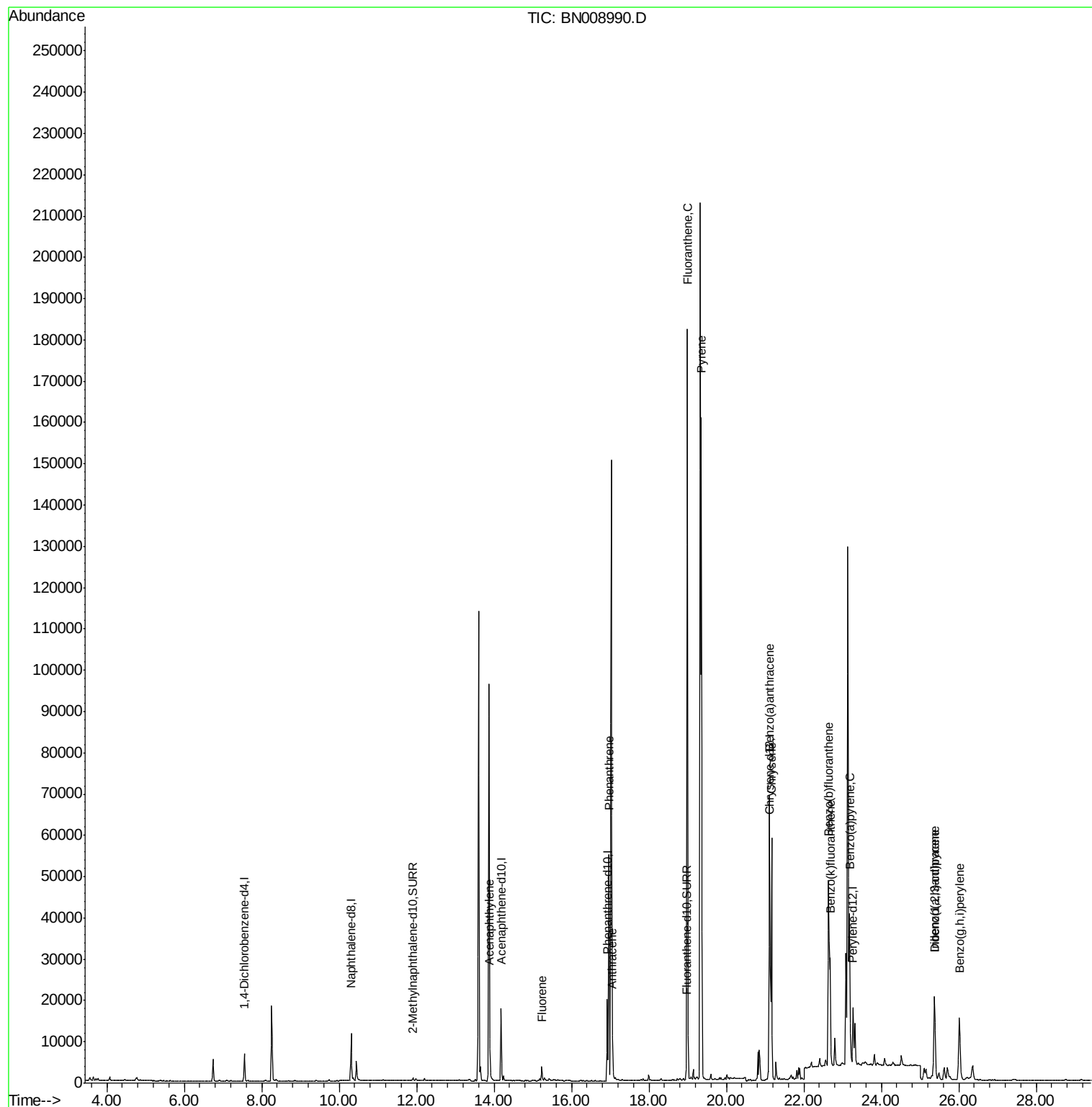
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

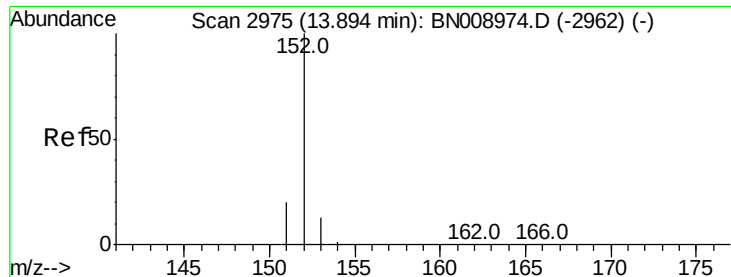
Instrument :
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Quant Time: Dec 16 01:30:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 00:48:46 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.137 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BN008990.D

Acq: 14 Dec 2019 05:10

Instrument :

BNA_N

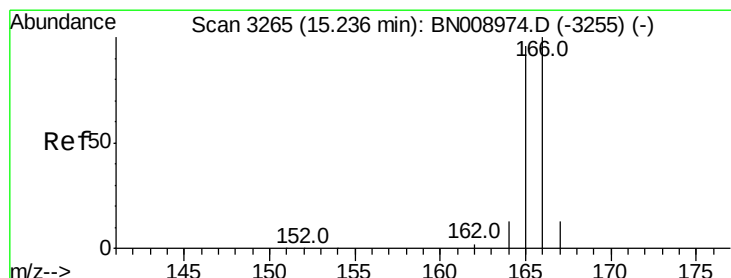
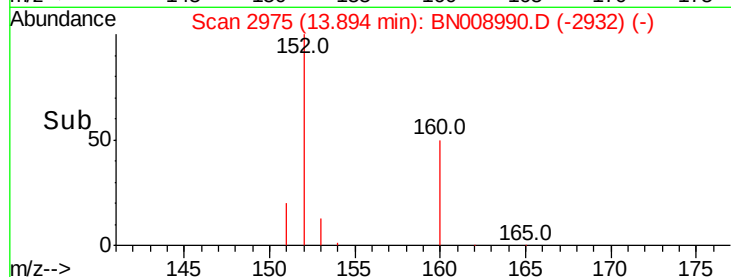
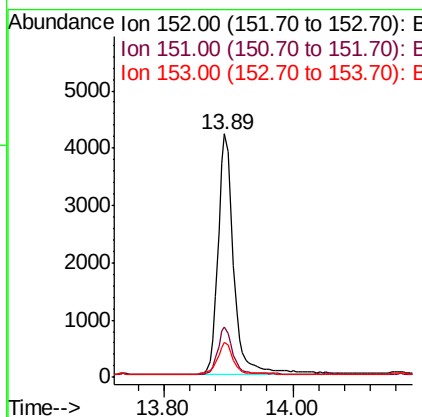
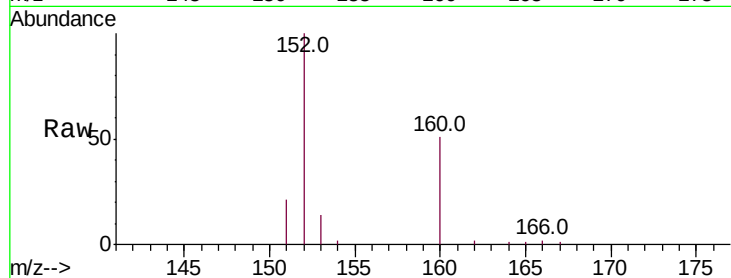
ClientSampleId :

A5169DL

Tot Ion:	152	Resp:	7142
Ion Ratio	Lower	Upper	
152	100		
151	20.8	15.8	23.6
153	14.5	10.6	15.8

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#9

Fluorene

Concen: 0.047 ng/ul

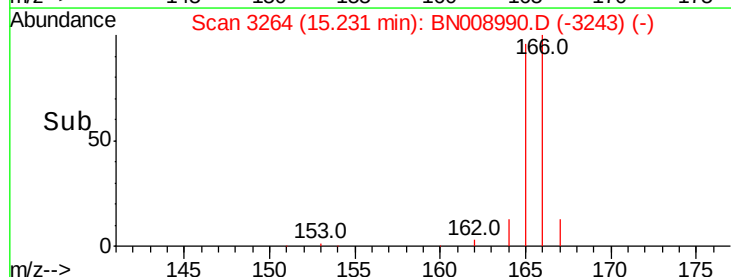
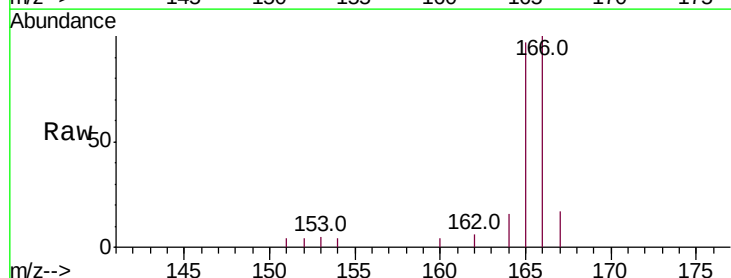
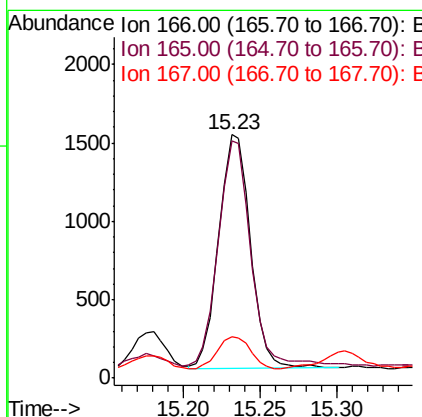
RT: 15.23 min Scan# 3264

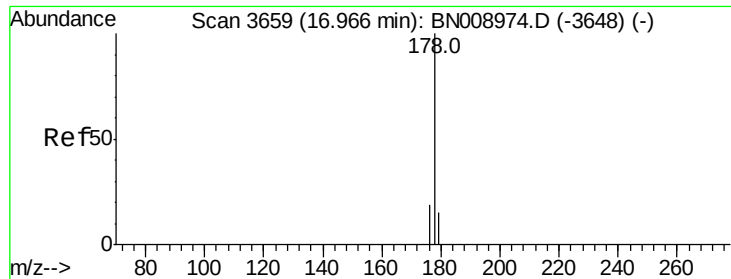
Delta R.T. -0.00 min

Lab File: BN008990.D

Acq: 14 Dec 2019 05:10

Tgt Ion:	166	Resp:	2133
Ion Ratio	Lower	Upper	
166	100		
165	97.4	77.7	116.5
167	17.1	11.1	16.7#





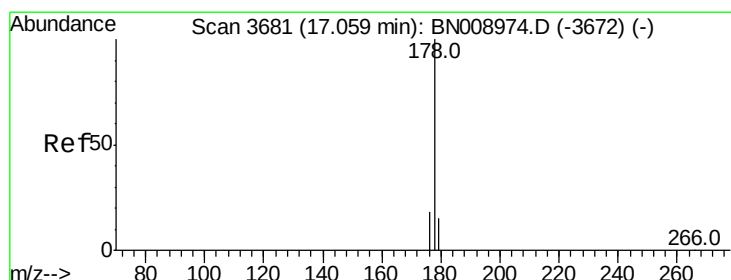
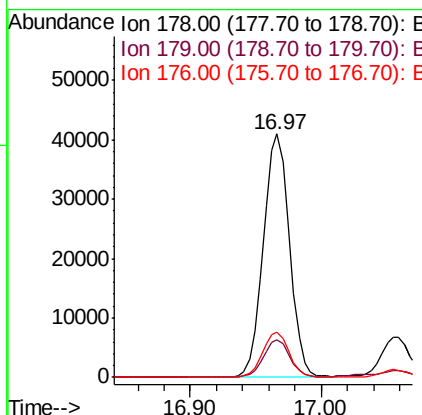
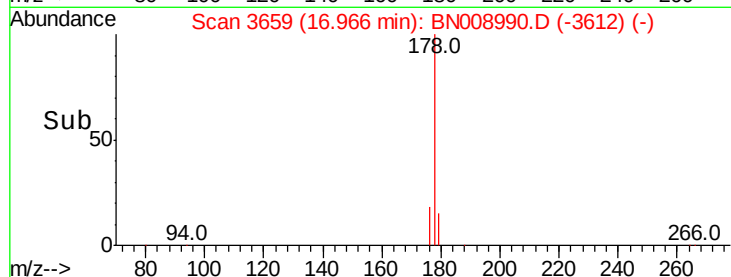
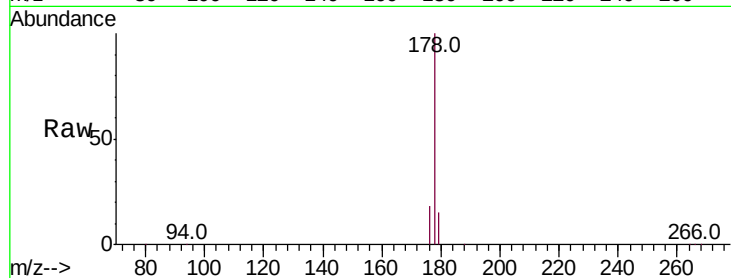
#12
Phenanthrene
Concen: 0.771 ng/ul
RT: 16.97 min Scan# 3659
Delta R.T. -0.00 min
Lab File: BN008990.D
Acq: 14 Dec 2019 05:10

Instrument :
BNA_N
ClientSampleID :
A5169DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.4	15.3	22.9

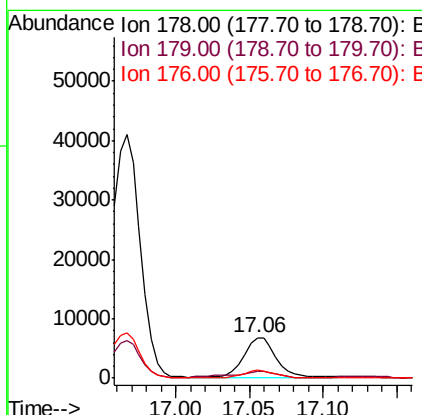
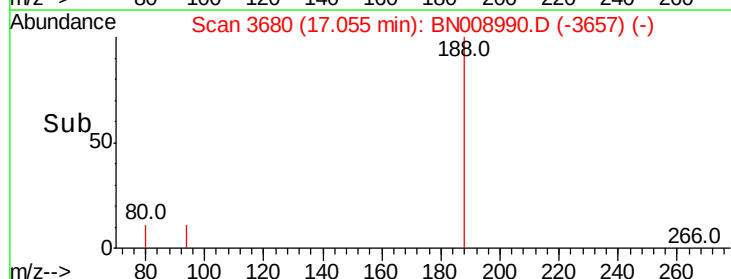
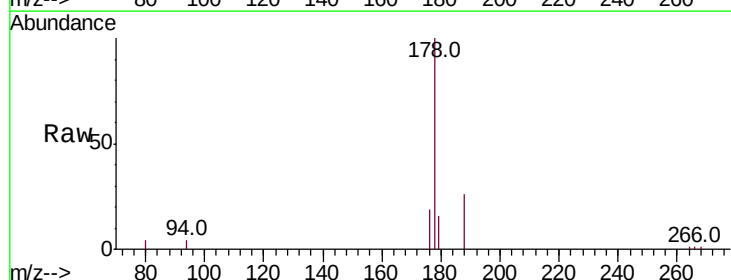
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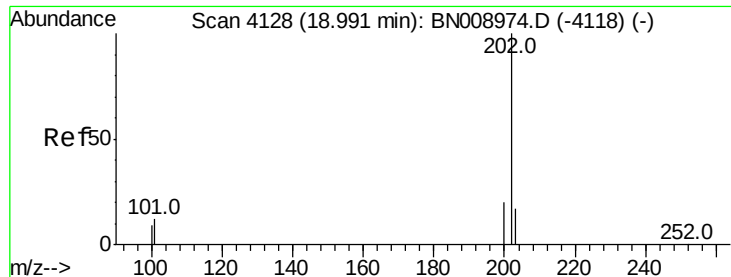
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#13
Anthracene
Concen: 0.141 ng/ul
RT: 17.06 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BN008990.D
Acq: 14 Dec 2019 05:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.4
176	19.1	14.7	22.1





#15

Fluoranthene

Concen: 1.695 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008990.D

Acq: 14 Dec 2019 05:10

Instrument :

BNA_N

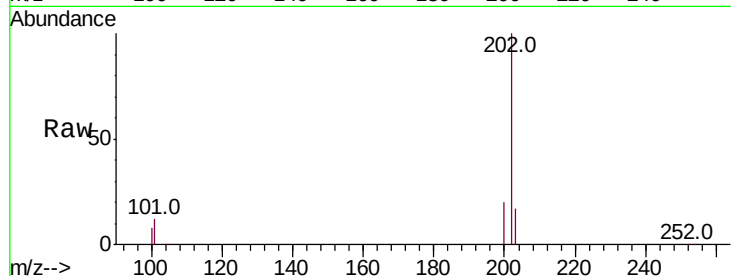
ClientSampleID :

A5169DL

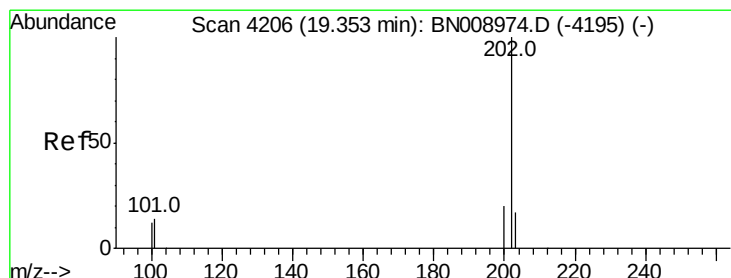
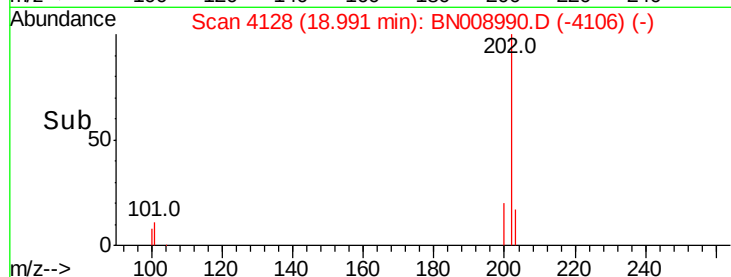
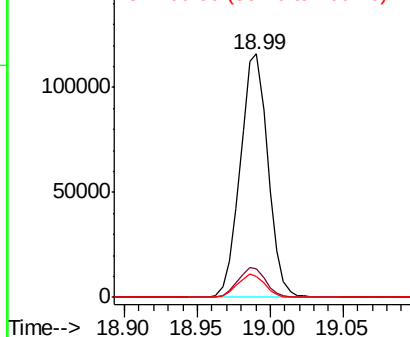
Tot Ion:	202	Resp:	152436
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	32.4
100	8.4	0.0	29.2

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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



#17

Pyrene

Concen: 1.778 ng/ul

RT: 19.35 min Scan# 4206

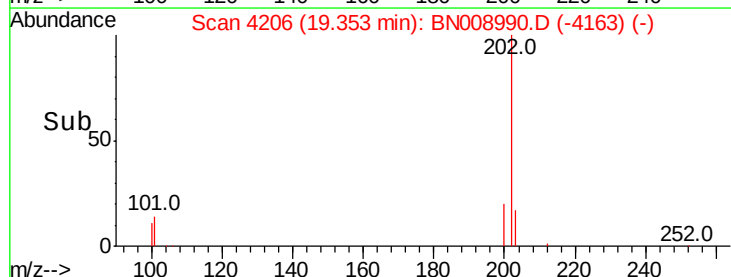
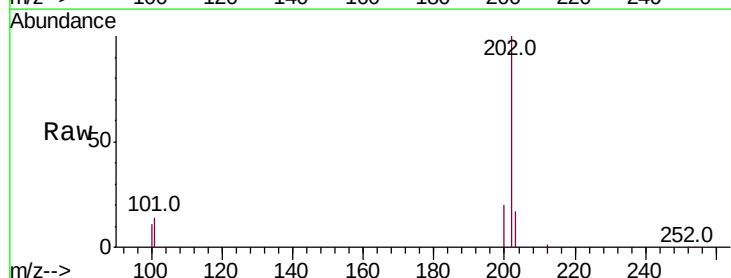
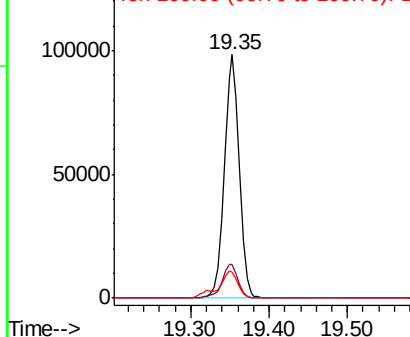
Delta R.T. -0.00 min

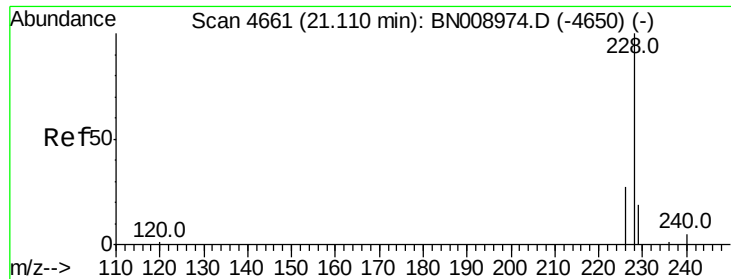
Lab File: BN008990.D

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Tgt Ion:	202	Resp:	130603
Ion Ratio	Lower	Upper	
202	100		
101	13.6	12.2	18.4
100	10.9	9.5	14.3

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





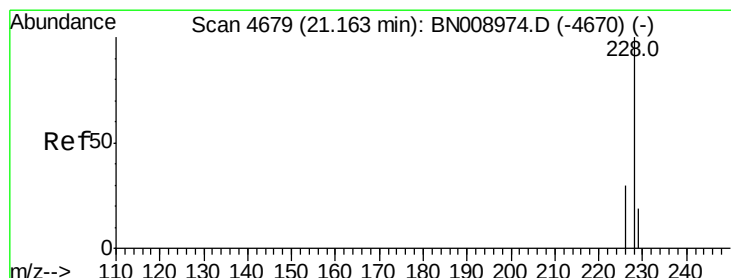
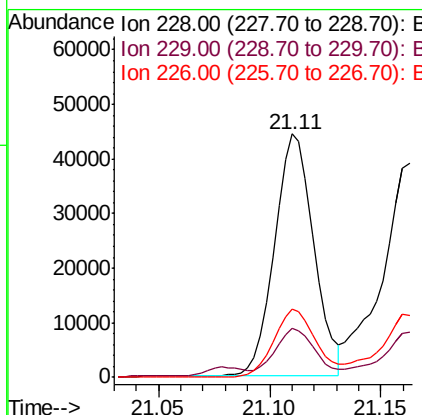
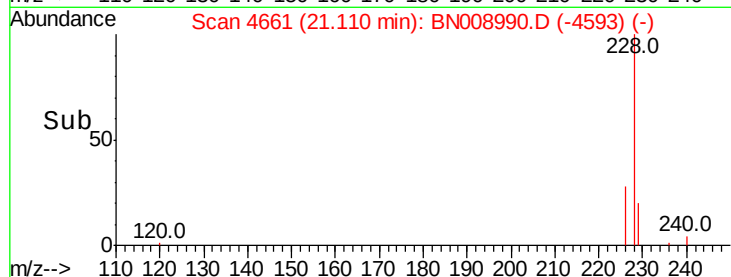
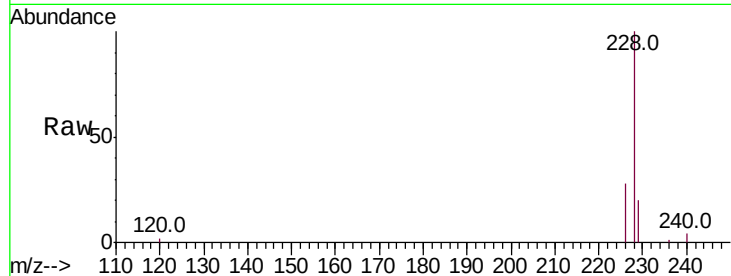
#18
Benzo(a)anthracene
Concen: 0.737 ng/ul
RT: 21.11 min Scan# 4661
Delta R.T. -0.00 min
Lab File: BN008990.D
Acq: 14 Dec 2019 05:10

Instrument :
BNA_N
ClientSampleId :
A5169DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.9	21.5	32.3

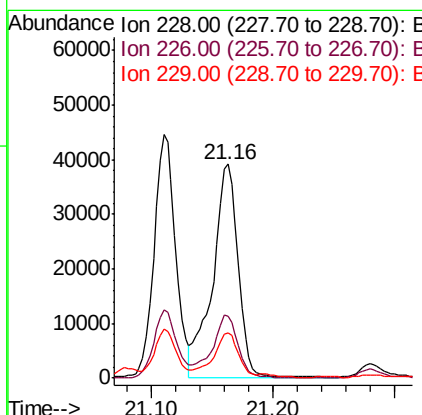
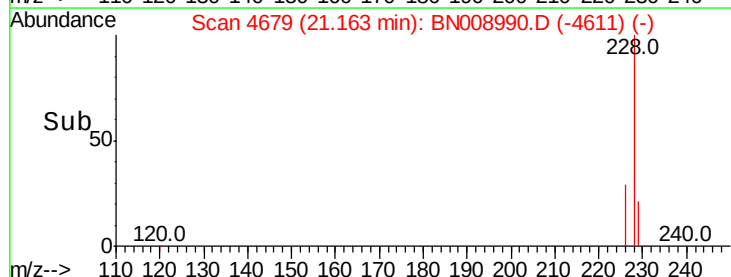
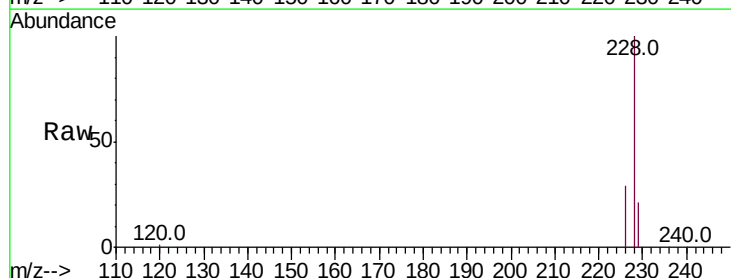
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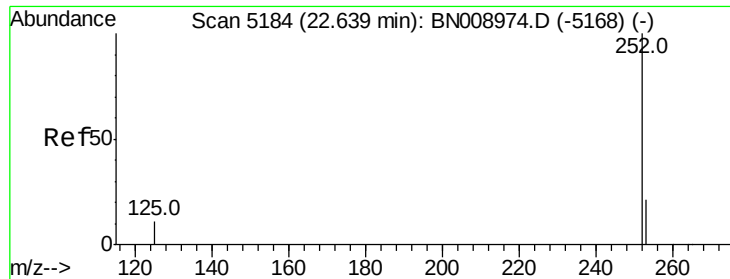
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#19
Chrysene
Concen: 0.780 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008990.D
Acq: 14 Dec 2019 05:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	21.4	15.6	23.4





#21

Benzo(b)fluoranthene

Concen: 1.037 ng/ul m

RT: 22.64 min Scan# 5184

Delta R.T. -0.00 min

Lab File: BN008990.D

Acq: 14 Dec 2019 05:10

Instrument :

BNA_N

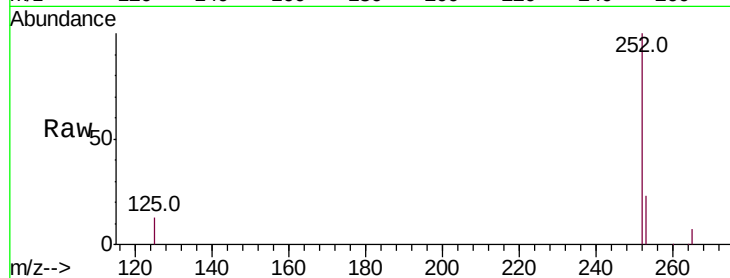
ClientSampleId :

A5169DL

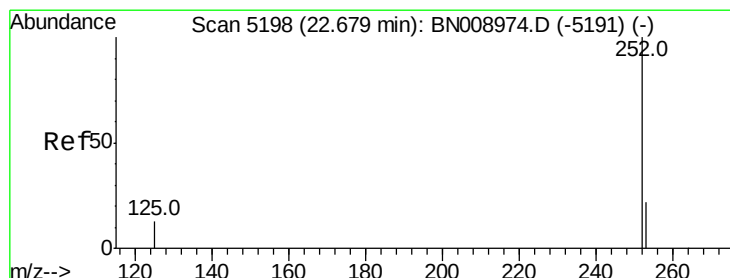
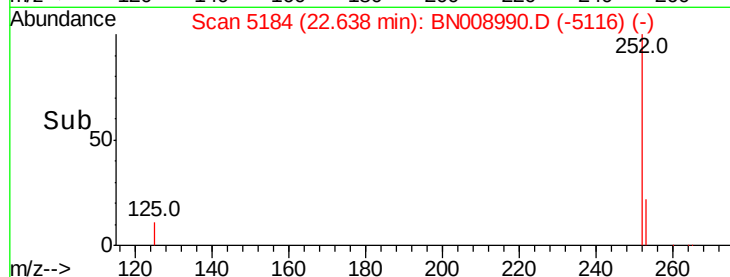
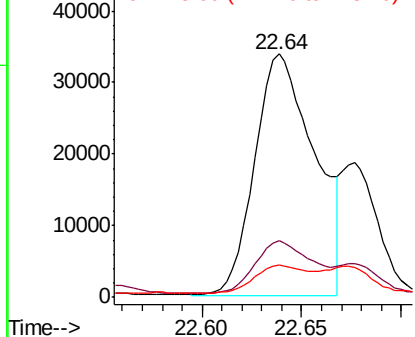
Tot Ion:	252	Resp:	70525
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	48.6
125	13.1	0.0	31.6

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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



#22

Benzo(k)fluoranthene

Concen: 0.350 ng/ul m

RT: 22.68 min Scan# 5197

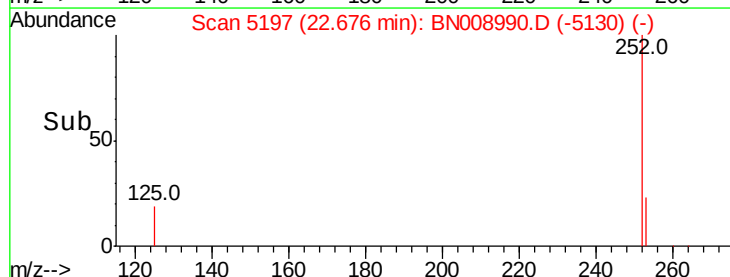
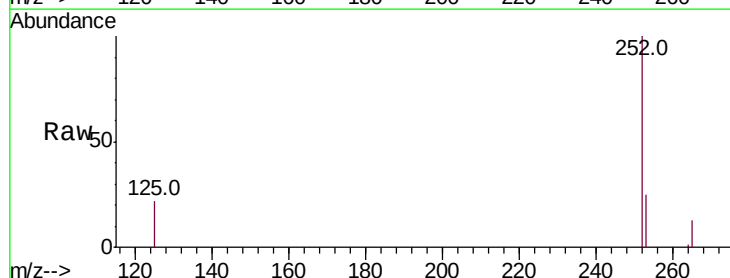
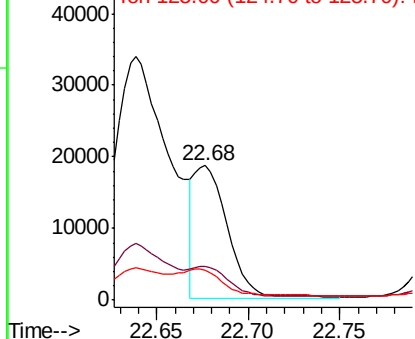
Delta R.T. -0.00 min

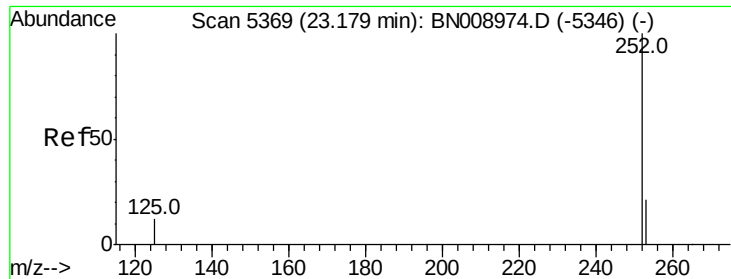
Lab File: BN008990.D

Acq: 14 Dec 2019 05:10

Tgt Ion:	252	Resp:	23610
Ion Ratio	Lower	Upper	
252	100		
253	25.5	19.6	29.4
125	22.0	13.8	20.6#

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: 0.720 ng/ul

RT: 23.18 min Scan# 5368

Delta R.T. -0.00 min

Lab File: BN008990.D

Acq: 14 Dec 2019 05:10

Instrument :

BNA_N

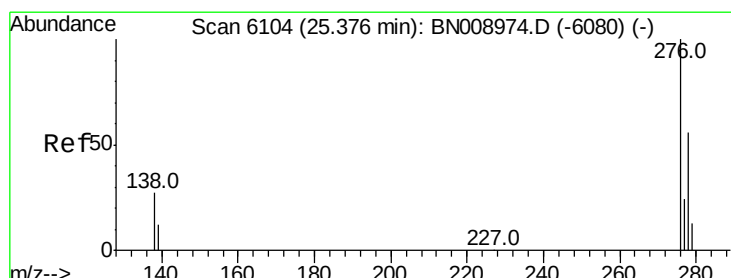
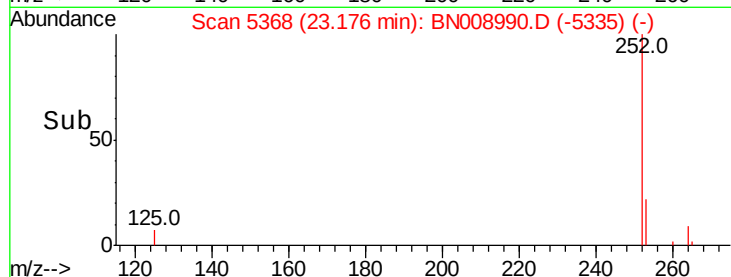
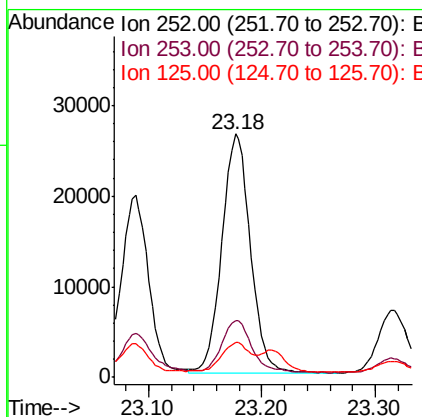
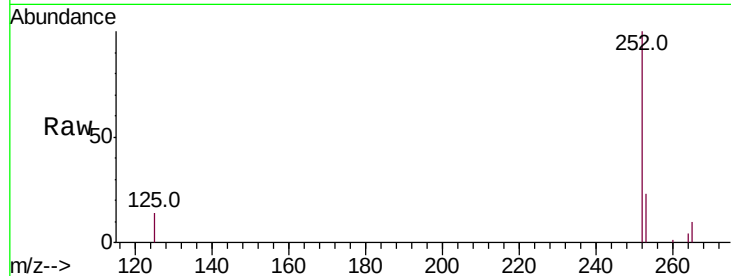
ClientSampleID :

A5169DL

Tot Ion:	252	Resp:	46009
Ion Ratio	Lower	Upper	
252	100		
253	23.3	19.9	29.9
125	14.3	14.6	22.0#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.389 ng/ul

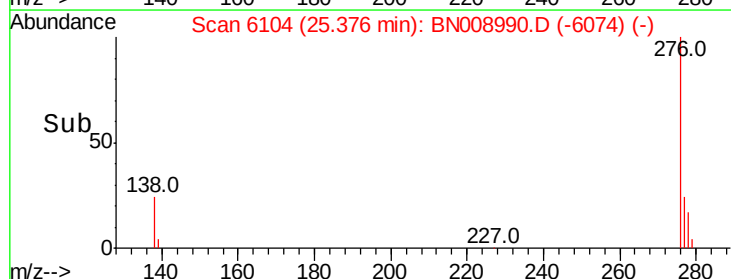
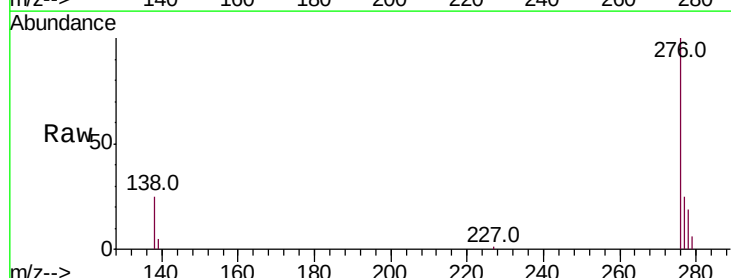
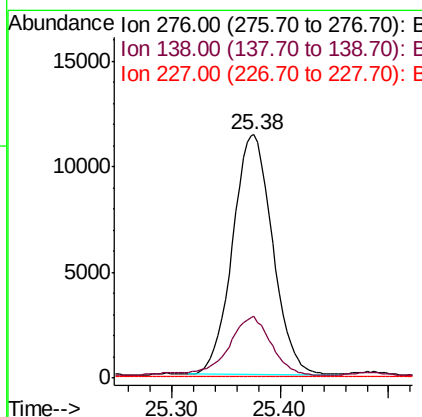
RT: 25.38 min Scan# 6104

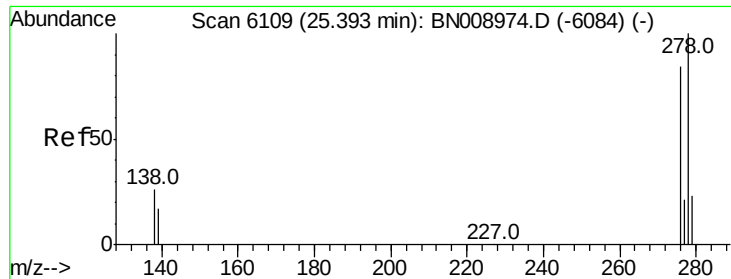
Delta R.T. -0.00 min

Lab File: BN008990.D

Acq: 14 Dec 2019 05:10

Tgt Ion:	276	Resp:	29088
Ion Ratio	Lower	Upper	
276	100		
138	25.8	23.8	35.6
227	0.0	0.2	0.2#





#25

Dibenzo(a,h)anthracene

Concen: 0.104 ng/ul

RT: 25.38 min Scan# 6106

Delta R.T. -0.01 min

Lab File: BN008990.D

Acq: 14 Dec 2019 05:10

Instrument :

BNA_N

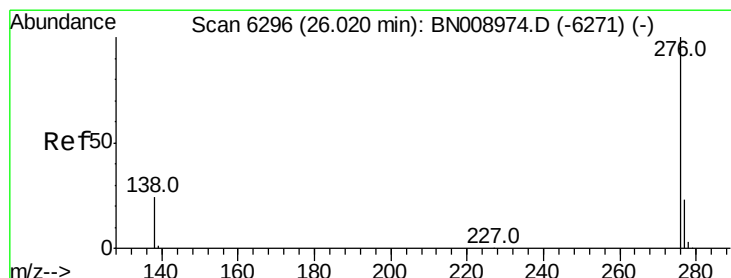
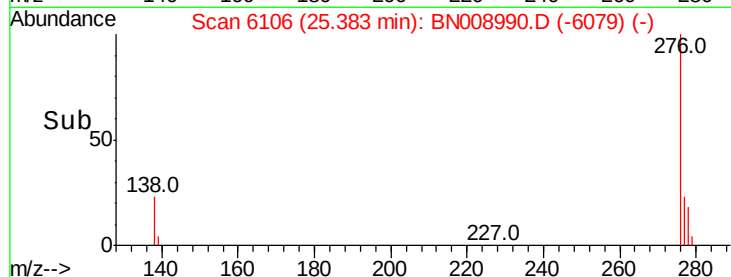
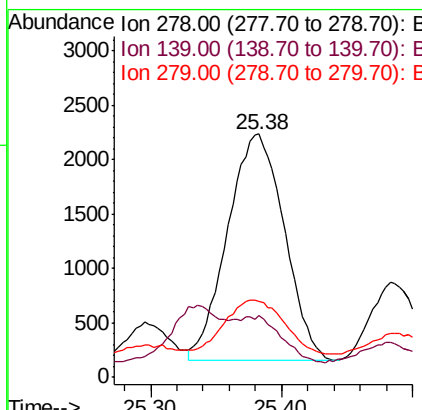
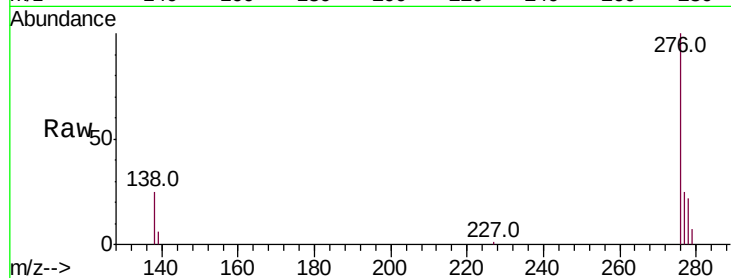
ClientSampleId :

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Tot Ion:	278	Resp:	6252
Ion Ratio	Lower	Upper	
278	100		
139	25.5	17.4	26.0
279	31.0	20.5	30.7#

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#26

Benzo(g,h,i)perylene

Concen: 0.454 ng/ul

RT: 26.01 min Scan# 6294

Delta R.T. -0.01 min

Lab File: BN008990.D

Acq: 14 Dec 2019 05:10

Tgt Ion:	276	Resp:	28390
Ion Ratio	Lower	Upper	
276	100		
138	25.5	21.9	32.9
277	24.3	19.9	29.9

