

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
 Data File : BN008987.D
 Acq On : 14 Dec 2019 03:22
 Operator : JU
 Sample : K4649-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5169

Manual Integrations
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Quant Time: Dec 16 01:07:33 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	3695	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	16134	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	10708	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	24603	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	21501	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	18578m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	6639	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	18679	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	5083	0.105	ng/ul	97
5) 2-Methylnaphthalene	11.98	142	4558	0.134	ng/ul	99
7) Acenaphthylene	13.89	152	4831	0.082	ng/ul#	93
9) Fluorene	15.24	166	2246	0.044	ng/ul#	77
12) Phenanthrene	16.97	178	64076	0.772	ng/ul	99
13) Anthracene	17.06	178	7054	0.090	ng/ul#	94
15) Fluoranthene	18.99	202	113008	1.109	ng/ul	99
17) Pyrene	19.35	202	90913	1.054	ng/ul	99
18) Benzo(a)anthracene	21.11	228	40230	0.465	ng/ul#	94
19) Chrysene	21.16	228	60453	0.712	ng/ul#	96
21) Benzo(b)fluoranthene	22.64	252	56301m	0.735	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	19610m	0.258	ng/ul	
23) Benzo(a)pyrene	23.18	252	32626	0.454	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.38	276	19959	0.237	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.38	278	5452	0.080	ng/ul#	73
26) Benzo(a,h,i)perylene	26.02	276	19539	0.278	ng/ul	99

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

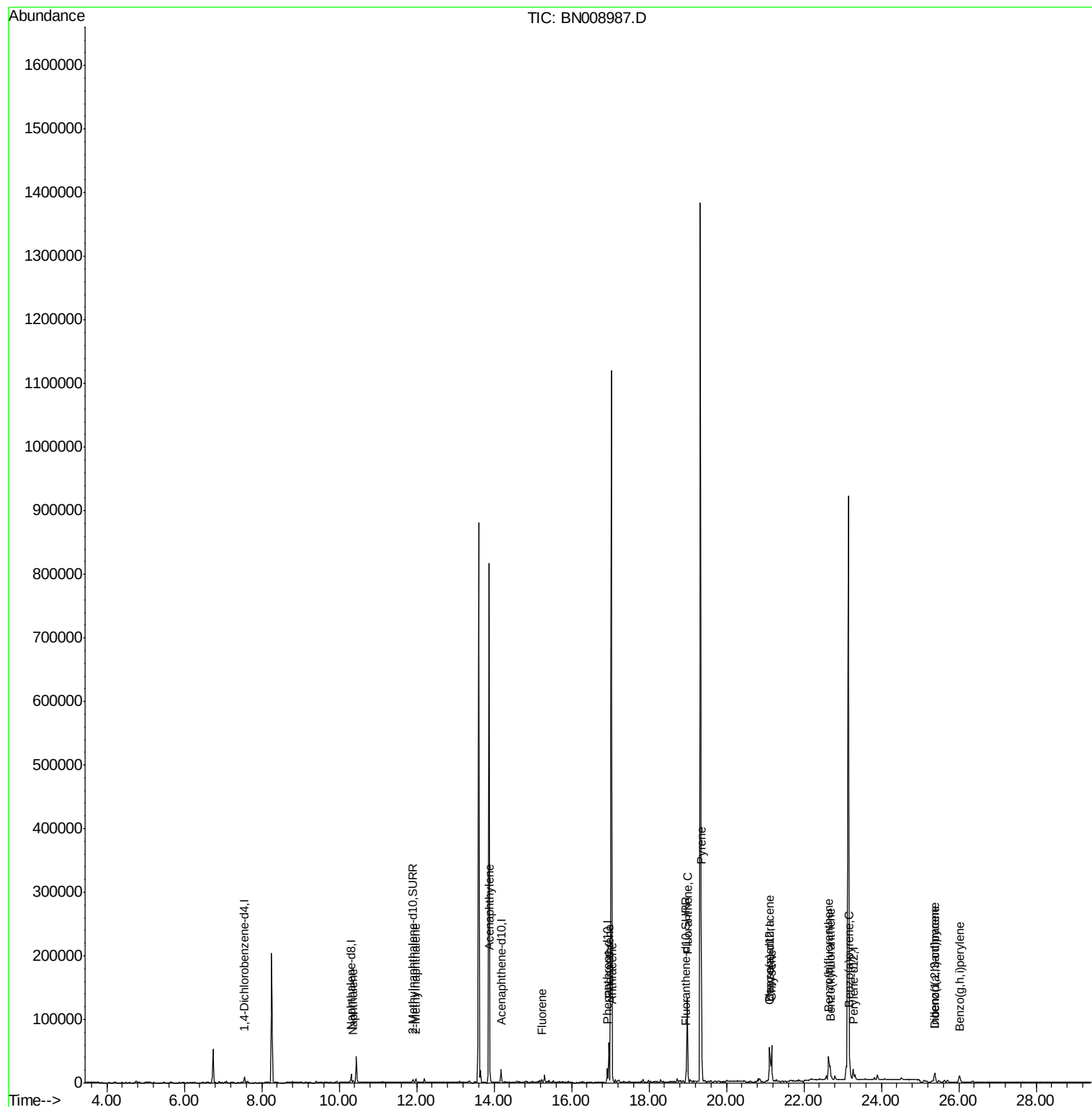
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
Data File : BN008987.D
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ALS Vial : 26 Sample Multiplier: 1

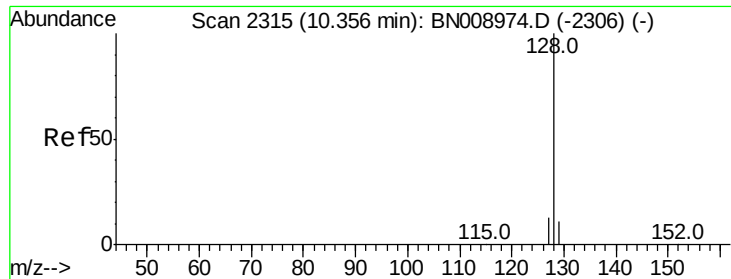
Instrument :
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A5169

Quant Time: Dec 16 01:07:33 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
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#3

Naphthalene

Concen: 0.105 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Instrument :

BNA_N

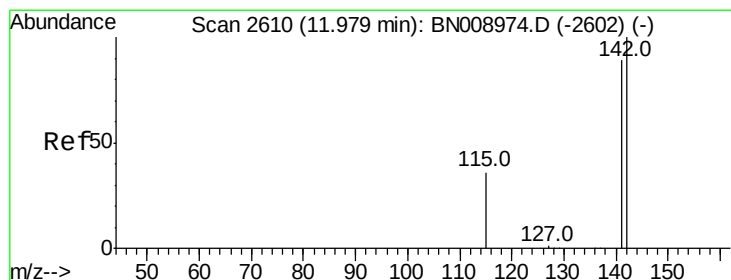
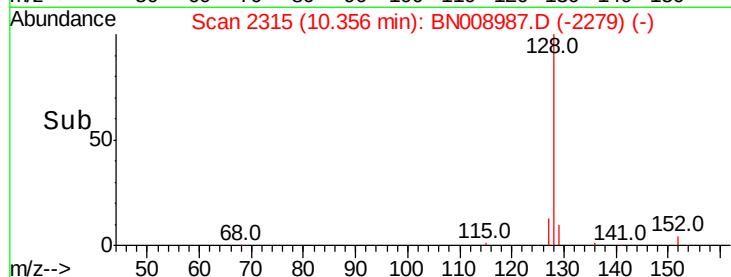
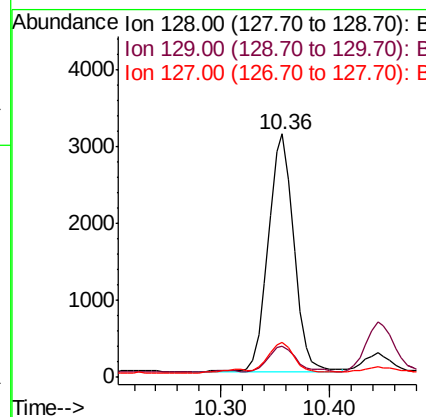
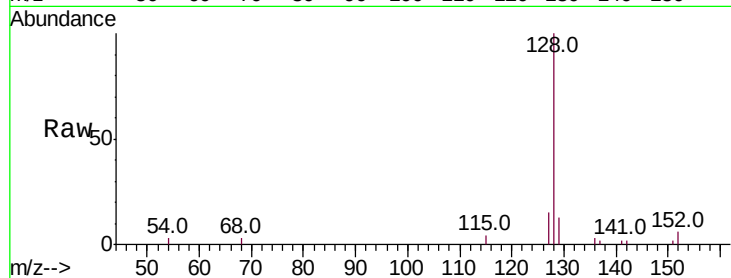
ClientSampleId :

A5169

Tot Ion:	128	Resp:	5083
Ion Ratio	Lower	Upper	
128	100		
129	12.8	9.1	13.7
127	14.5	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.134 ng/ul

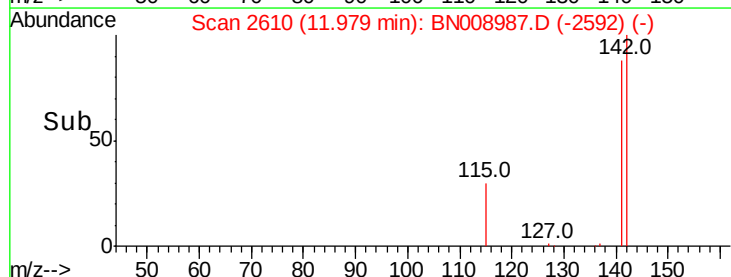
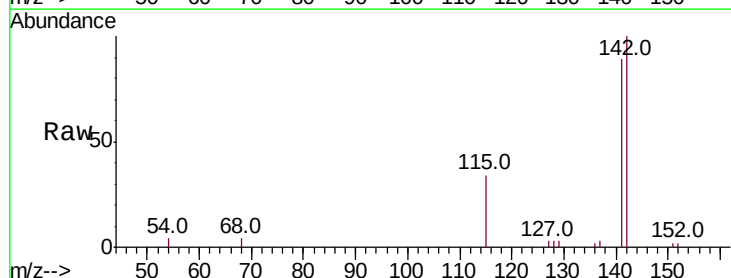
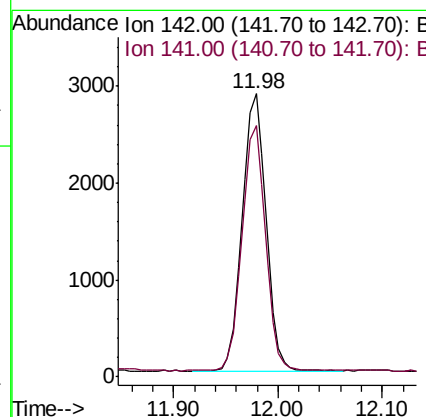
RT: 11.98 min Scan# 2610

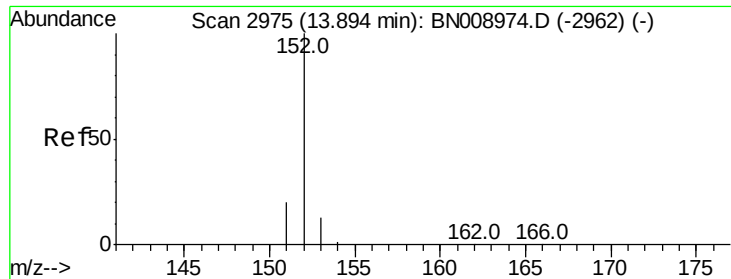
Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Tgt Ion:	142	Resp:	4558
Ion Ratio	Lower	Upper	
142	100		
141	87.0	70.1	105.1





#7

Acenaphthylene

Concen: 0.082 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Instrument :

BNA_N

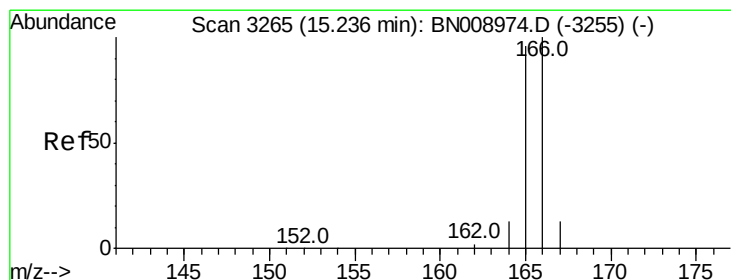
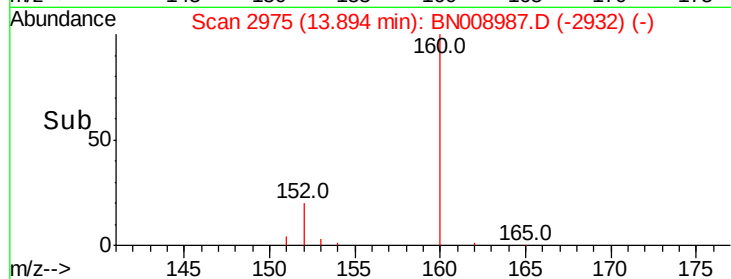
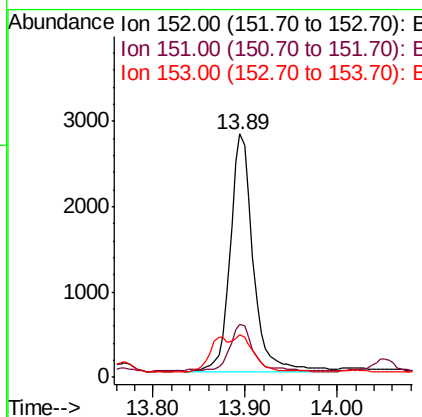
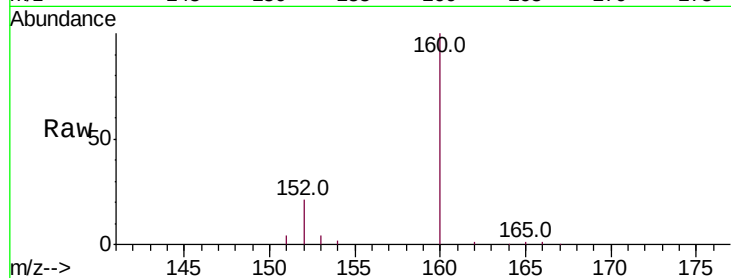
ClientSampleId :

A5169

Tot Ion:	152	Resp:	4831
Ion Ratio	Lower	Upper	
152	100		
151	21.5	15.8	23.6
153	17.3	10.6	15.8#

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#9

Fluorene

Concen: 0.044 ng/ul

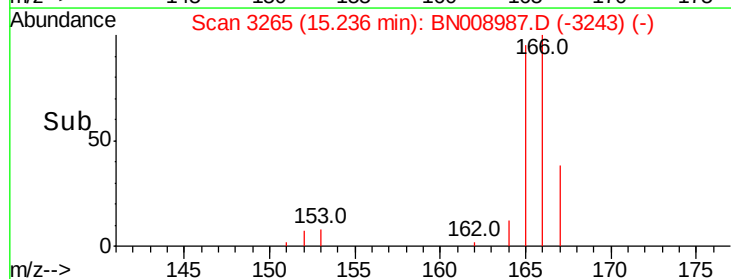
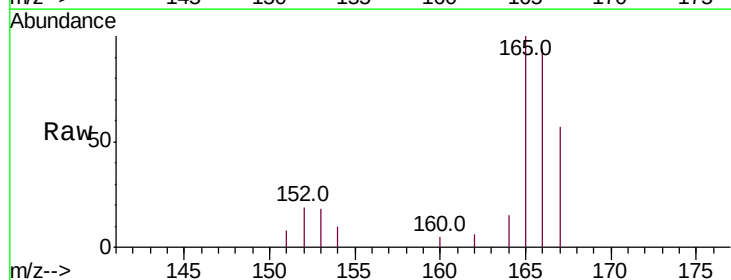
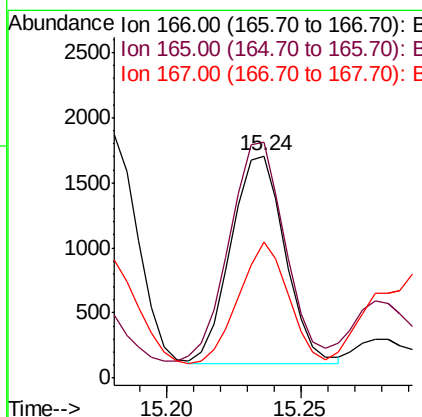
RT: 15.24 min Scan# 3265

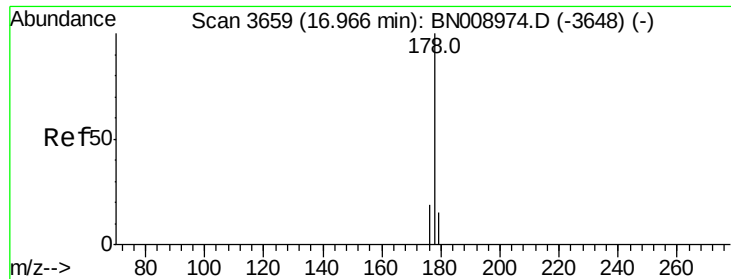
Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Tgt Ion:	166	Resp:	2246
Ion Ratio	Lower	Upper	
166	100		
165	106.3	77.7	116.5
167	61.1	11.1	16.7#





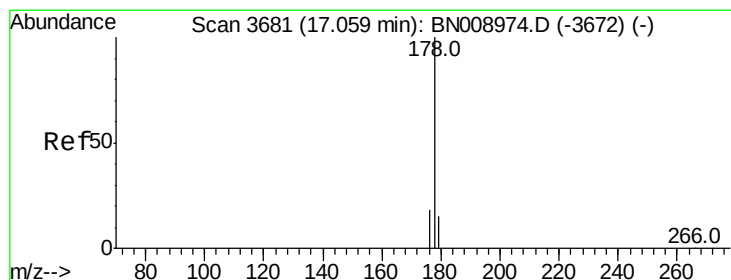
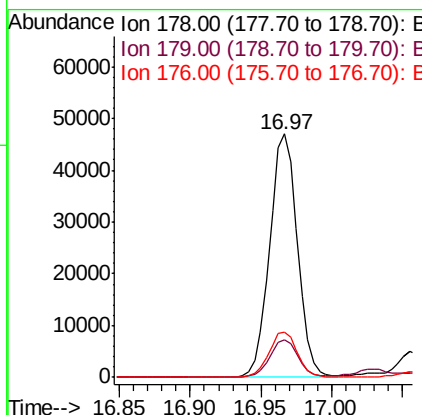
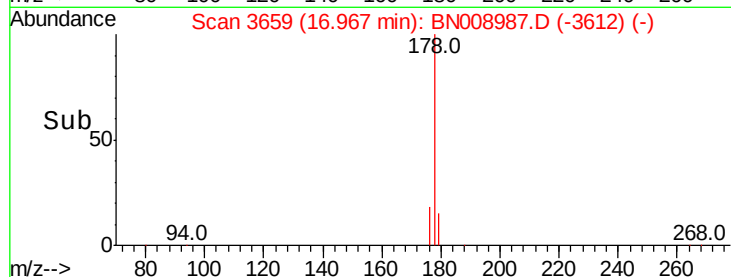
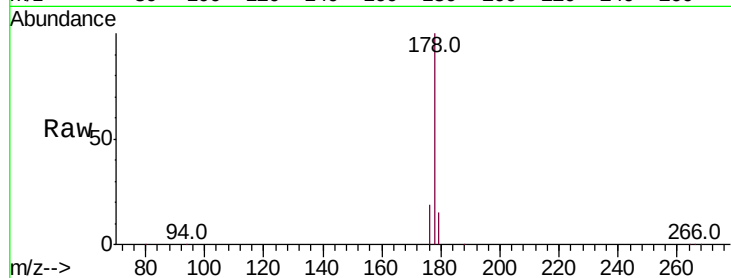
#12
Phenanthrene
Concen: 0.772 ng/ul
RT: 16.97 min Scan# 3659
Delta R.T. 0.00 min
Lab File: BN008987.D
Acq: 14 Dec 2019 03:22

Instrument :
BNA_N
ClientSampleId :
A5169

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.5	15.3	22.9

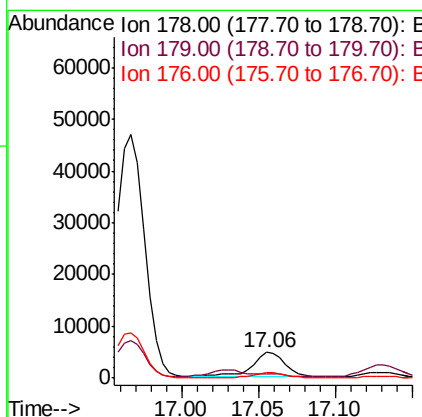
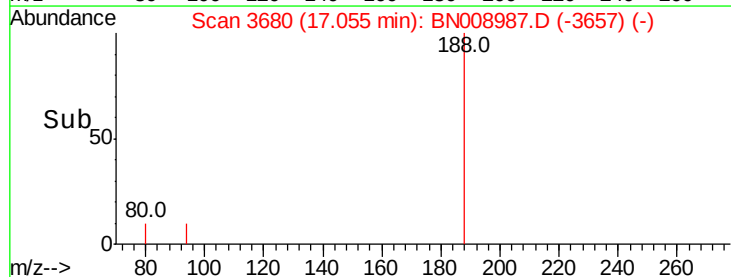
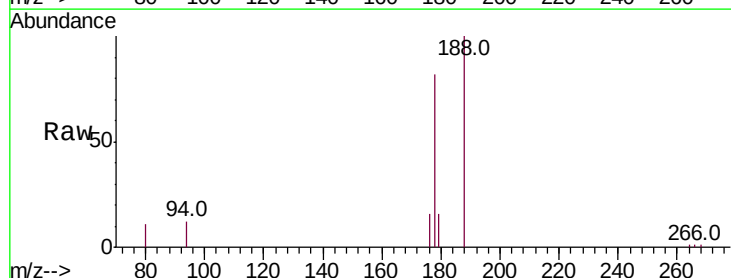
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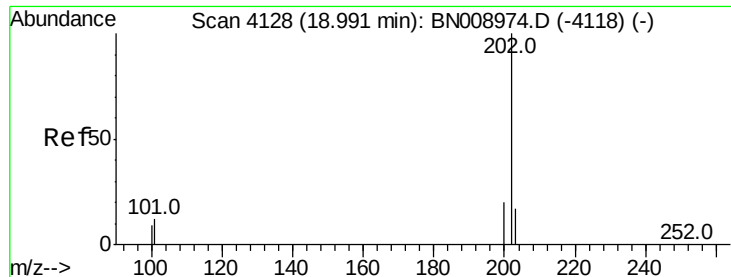
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#13
Anthracene
Concen: 0.090 ng/ul
RT: 17.06 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BN008987.D
Acq: 14 Dec 2019 03:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.2	18.4#
176	19.8	14.7	22.1





#15

Fluoranthene

Concen: 1.109 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Instrument :

BNA_N

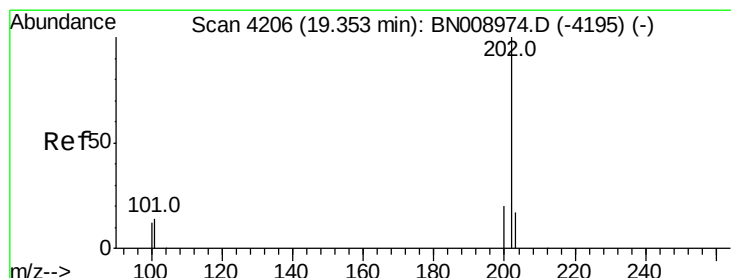
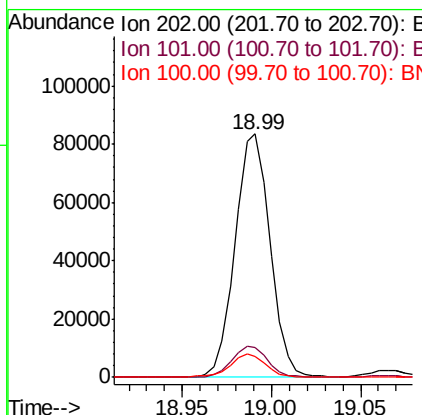
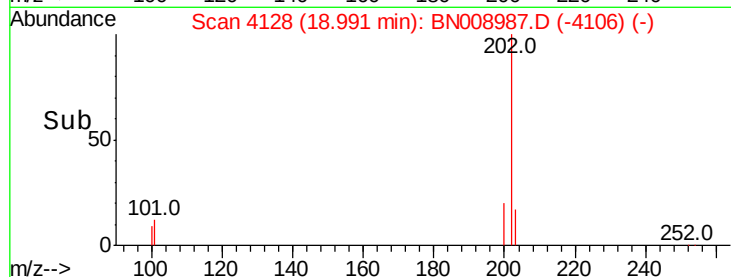
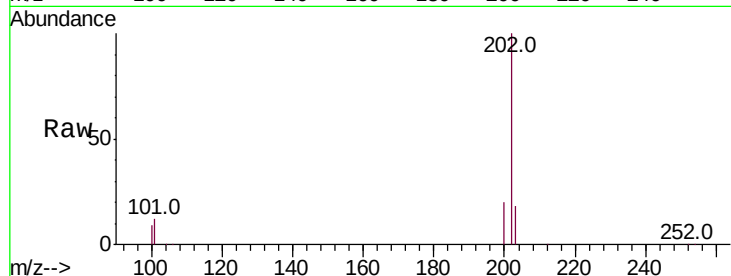
ClientSampleId :

A5169

Tot Ion:	202	Resp:	113008
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.4
100	8.7	0.0	29.2

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#17

Pyrene

Concen: 1.054 ng/ul

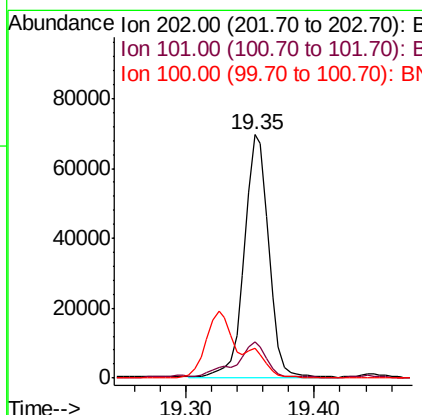
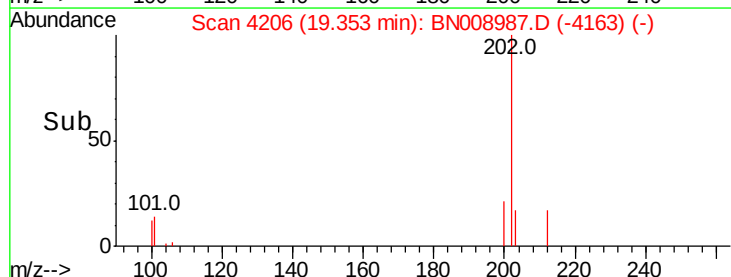
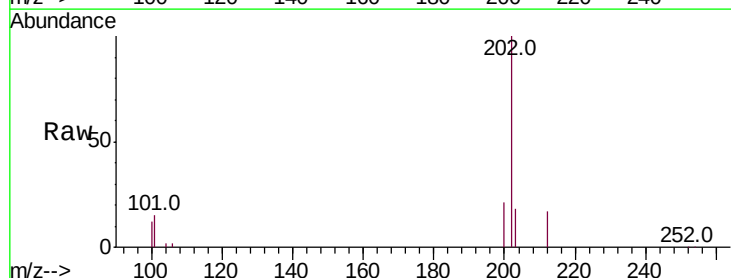
RT: 19.35 min Scan# 4206

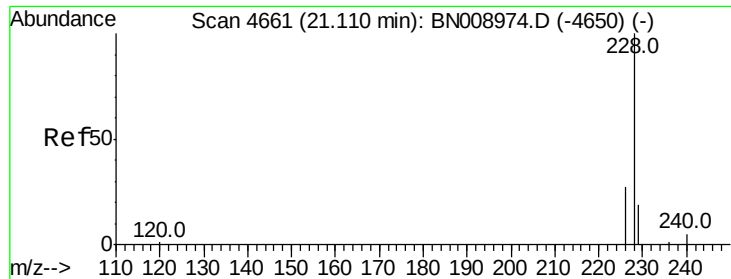
Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Tgt Ion:	202	Resp:	90913
Ion Ratio	Lower	Upper	
202	100		
101	14.7	12.2	18.4
100	12.1	9.5	14.3





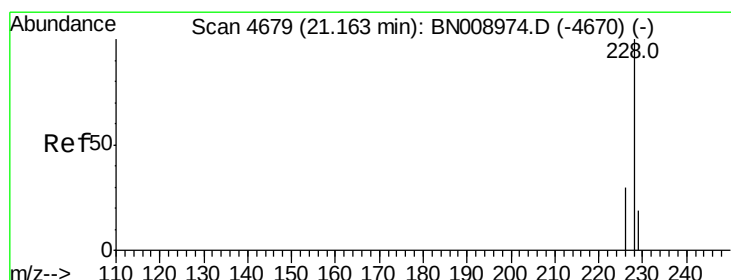
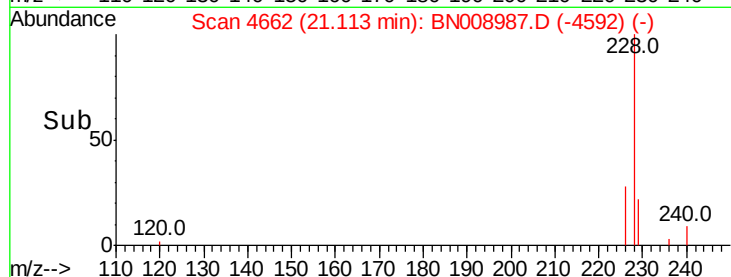
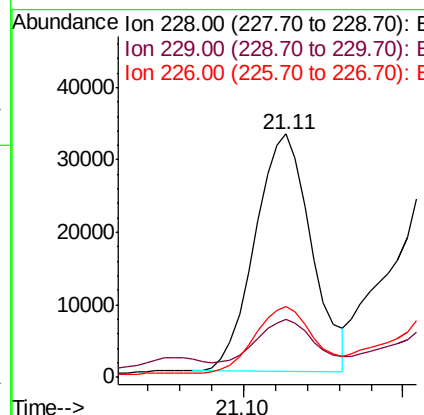
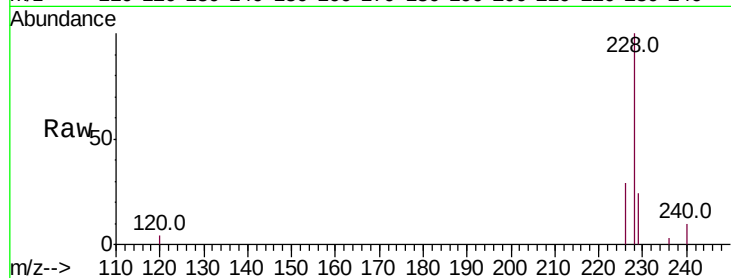
#18
Benzo(a)anthracene
Concen: 0.465 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. 0.00 min
Lab File: BN008987.D
Acq: 14 Dec 2019 03:22

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	23.6	15.7	23.5#
226	29.1	21.5	32.3

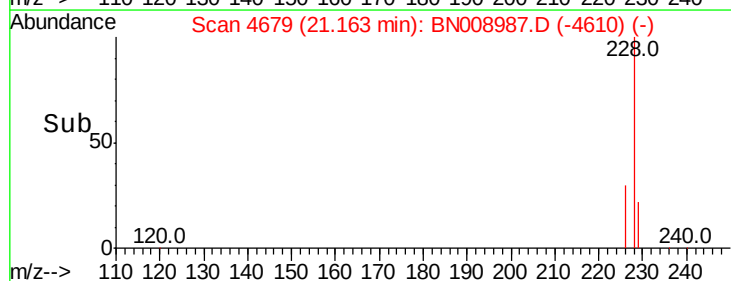
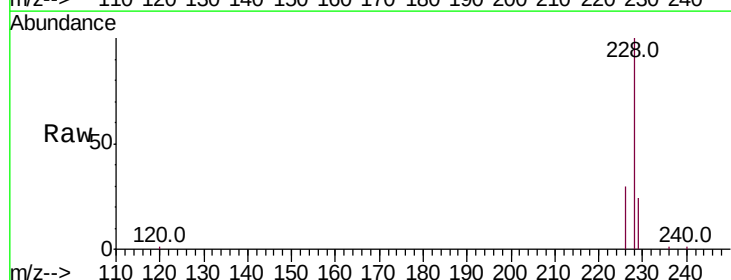
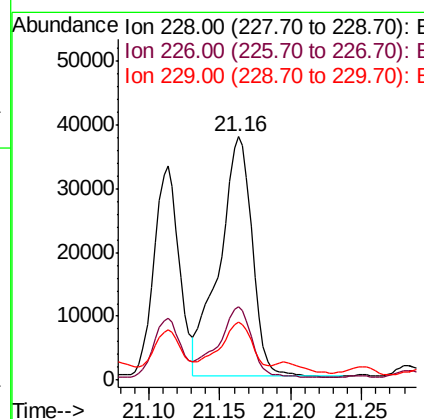
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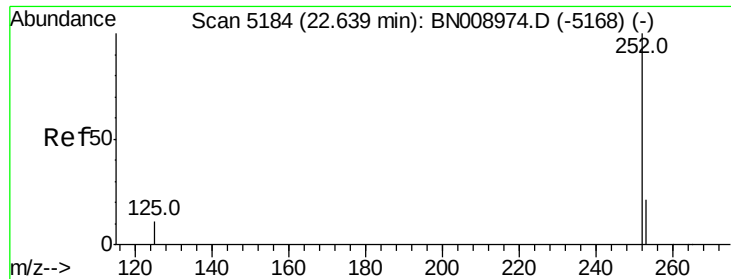
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#19
Chrysene
Concen: 0.712 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. 0.00 min
Lab File: BN008987.D
Acq: 14 Dec 2019 03:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	23.8	15.6	23.4#





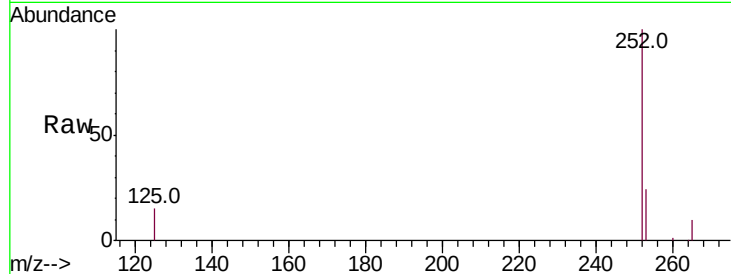
#21
Benzo(b)fluoranthene
Concen: 0.735 ng/ul m
RT: 22.64 min Scan# 5184
Delta R.T. 0.00 min
Lab File: BN008987.D
Acq: 14 Dec 2019 03:22

Instrument :
BNA_N
ClientSampleId :
A5169

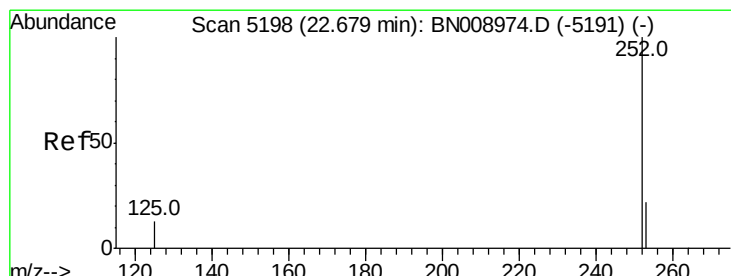
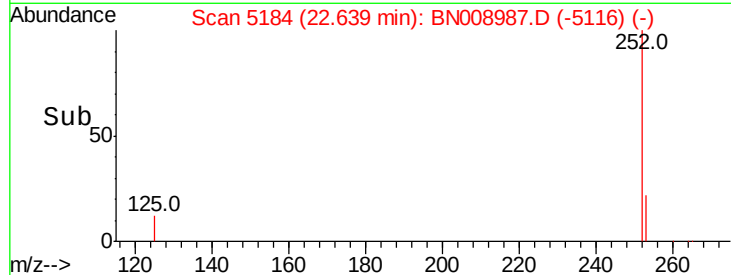
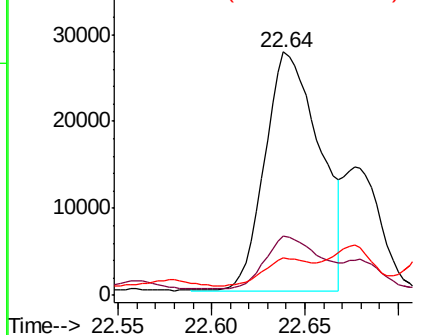
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.4	0.0	48.6
125	15.3	0.0	31.6

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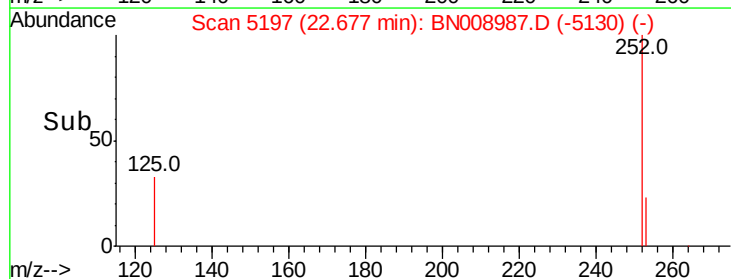
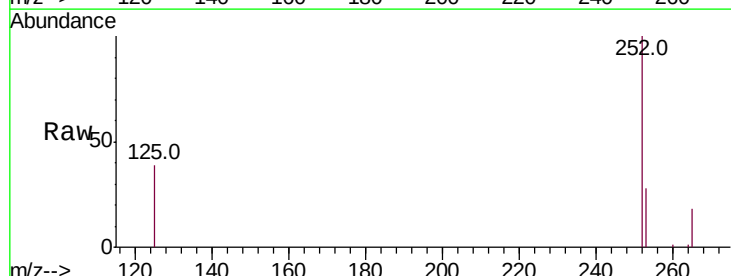
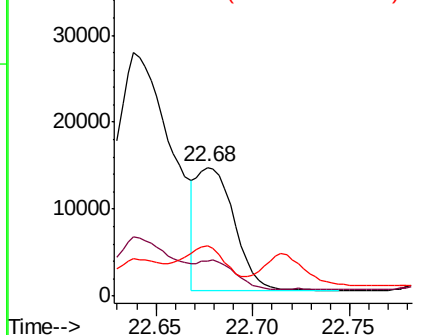
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

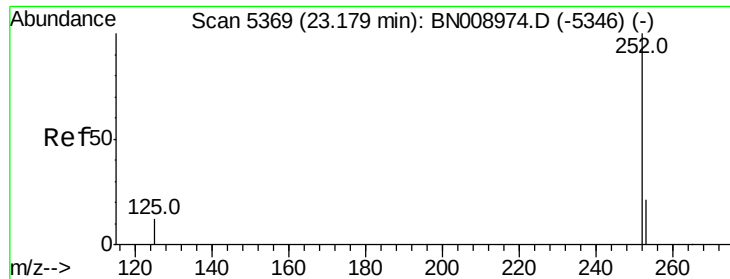


#22
Benzo(k)fluoranthene
Concen: 0.258 ng/ul m
RT: 22.68 min Scan# 5197
Delta R.T. -0.00 min
Lab File: BN008987.D
Acq: 14 Dec 2019 03:22

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.5	19.6	29.4
125	38.9	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: 0.454 ng/ul

RT: 23.18 min Scan# 5370

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Instrument :

BNA_N

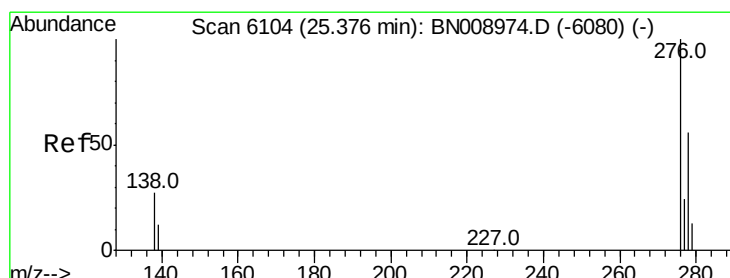
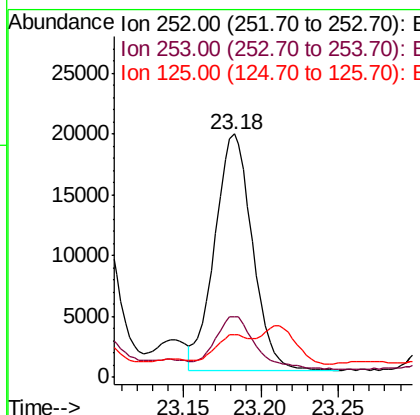
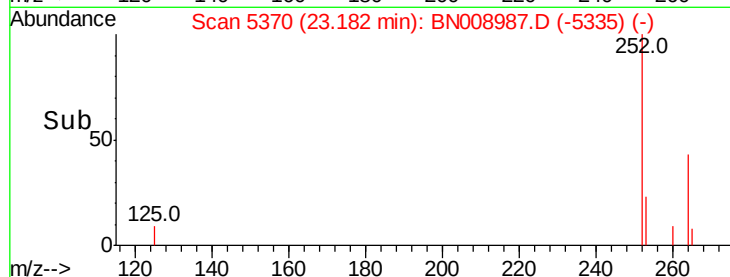
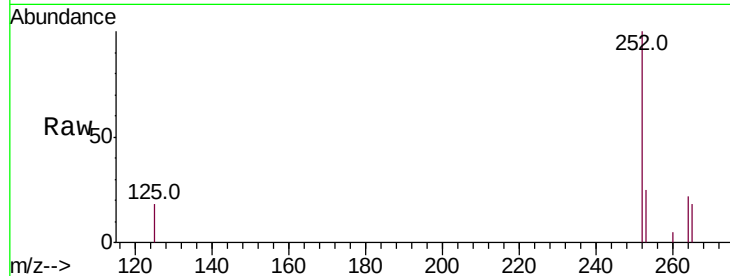
ClientSampleId :

A5169

Tot Ion:	252	Resp:	32626
Ion Ratio	Lower	Upper	
252	100		
253	25.1	19.9	29.9
125	17.8	14.6	22.0

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.237 ng/ul

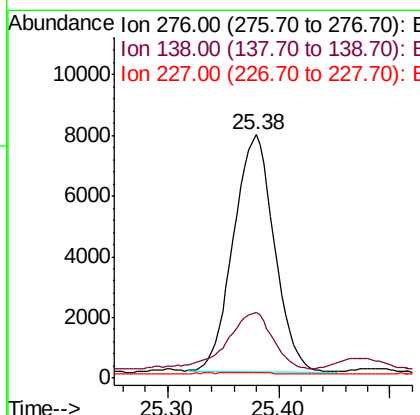
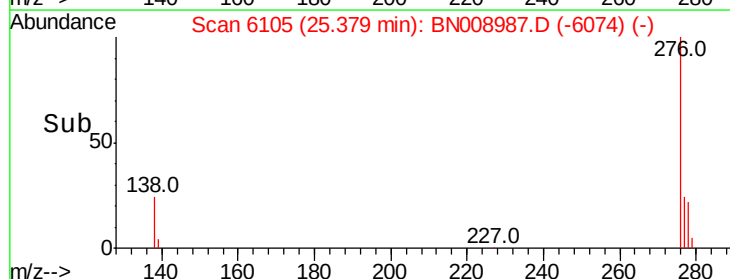
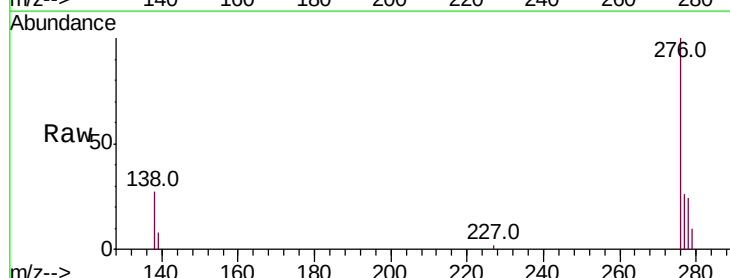
RT: 25.38 min Scan# 6105

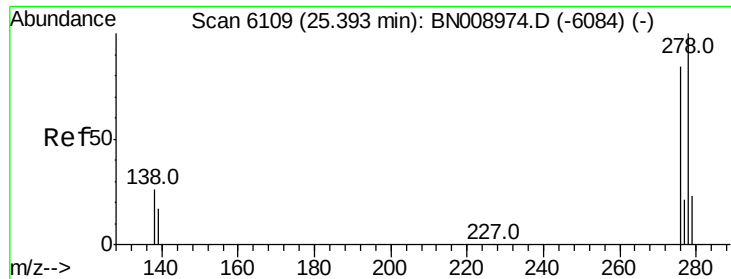
Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Tgt Ion:	276	Resp:	19959
Ion Ratio	Lower	Upper	
276	100		
138	26.5	23.8	35.6
227	0.6	0.2	0.2#





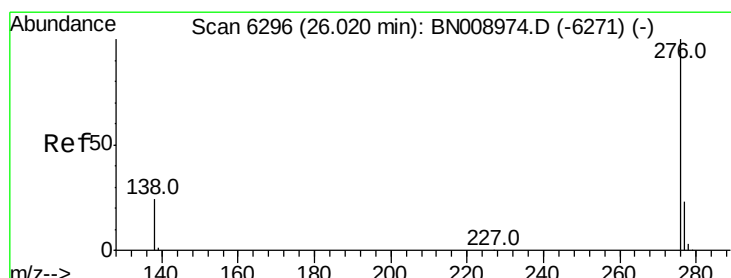
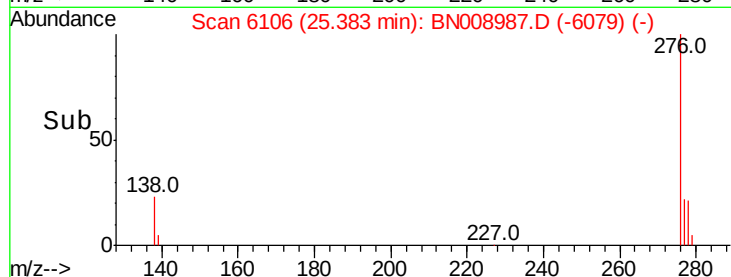
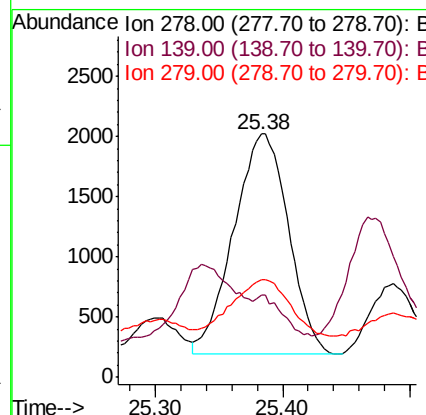
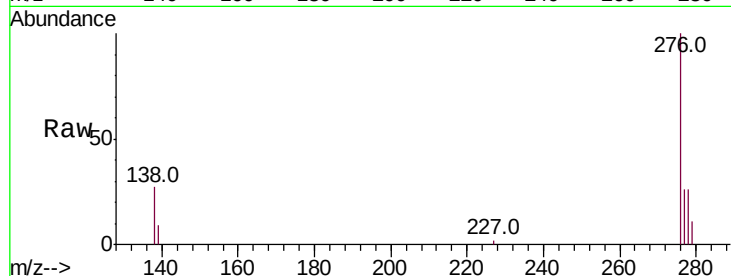
#25
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 25.38 min Scan# 6106
Delta R.T. -0.01 min
Lab File: BN008987.D
Acq: 14 Dec 2019 03:22

Instrument :
BNA_N
ClientSampleId :
A5169

Tot Ion	Ratio	Lower	Upper
278	100		
139	33.9	17.4	26.0#
279	40.2	20.5	30.7#

Manual Integrations
APPROVED

mohammad
12/16/2019 12:24:24 PM



#26
Benzo(g,h,i)perylene
Concen: 0.278 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. 0.00 min
Lab File: BN008987.D
Acq: 14 Dec 2019 03:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.9	32.9
277	25.0	19.9	29.9

