

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
 Data File : BN008970.D
 Acq On : 13 Dec 2019 16:35
 Operator : JU
 Sample : K6089-05DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ3DL

Manual Integrations
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Quant Time: Dec 13 17:43:54 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 : Fri Dec 13 17:12:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	6012	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	25286	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	15769	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	34402	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	20583	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	17567	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	4056	0.10	ng/ul	-0.01
14) Fluoranthene-d10	18.96	212	10096	0.10	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.35	128	26134	0.343	ng/ul	100
5) 2-Methylnaphthalene	11.97	142	29250	0.550	ng/ul	99
7) Acenaphthylene	13.89	152	8233	0.094	ng/ul#	94
9) Fluorene	15.24	166	4076	0.054	ng/ul#	76
12) Phenanthrene	16.97	178	118432	1.021	ng/ul	99
13) Anthracene	17.06	178	7246	0.066	ng/ul#	92
15) Fluoranthene	18.99	202	118631	0.832	ng/ul	98
17) Pyrene	19.36	202	95419	1.156	ng/ul	98
18) Benzo(a)anthracene	21.12	228	42928	0.519	ng/ul#	92
19) Chrysene	21.17	228	77129	0.949	ng/ul#	96
21) Benzo(b)fluoranthene	22.64	252	66349m	0.916	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	22307m	0.310	ng/ul	
23) Benzo(a)pyrene	23.19	252	39151	0.576	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.39	276	32308	0.406	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.39	278	11352	0.177	ng/ul#	80
26) Benzo(a,h,i)perylene	26.03	276	39539	0.594	ng/ul	99

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

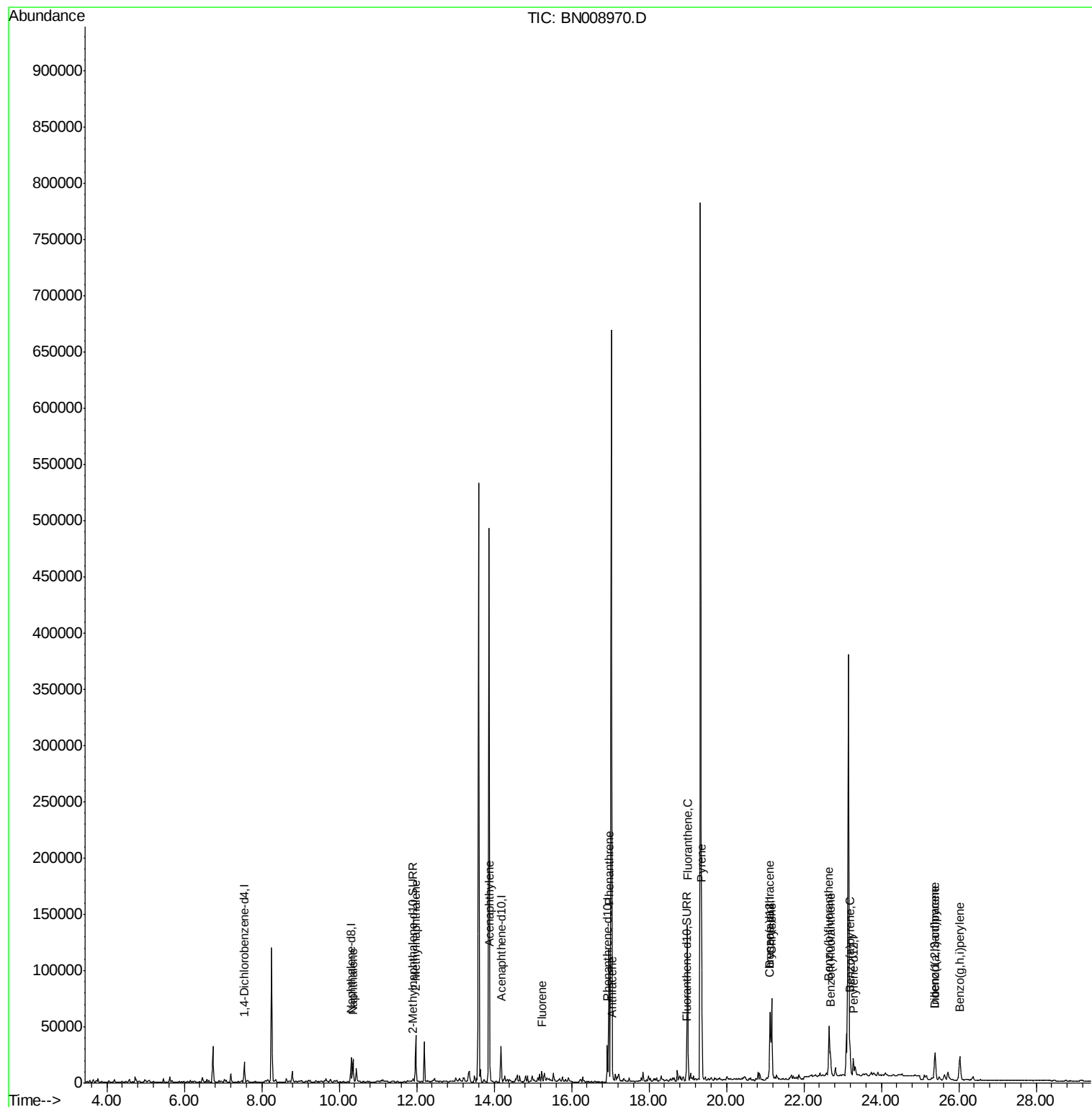
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
Data File : BN008970.D
Acq On : 13 Dec 2019 16:35
Operator : JU
Sample : K6089-05DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

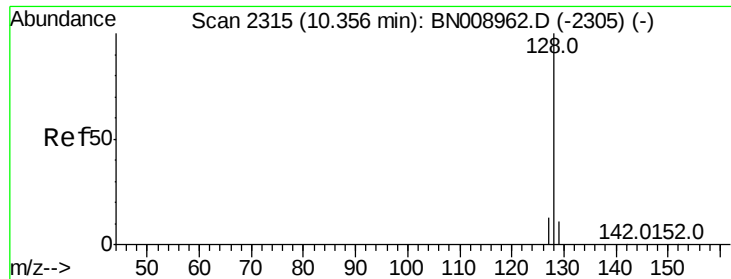
Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

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Quant Time: Dec 13 17:43:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 17:12:51 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.343 ng/ul

RT: 10.35 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BN008970.D

Acq: 13 Dec 2019 16:35

Instrument :

BNA_N

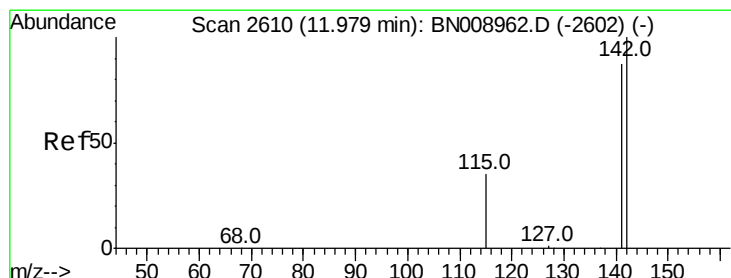
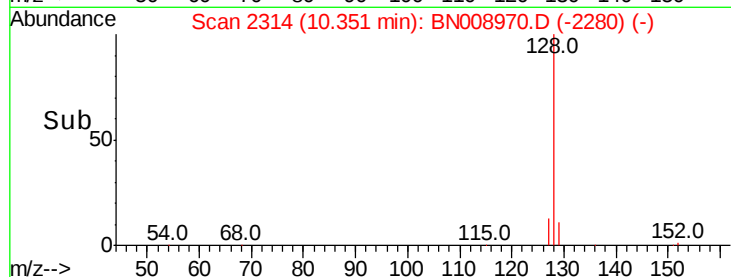
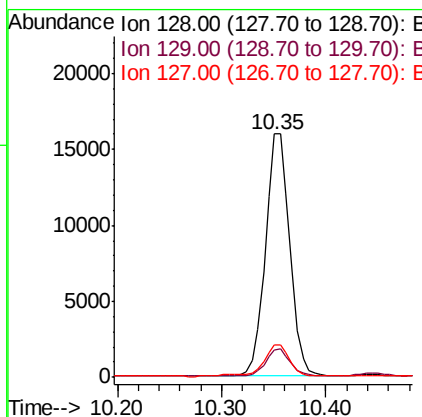
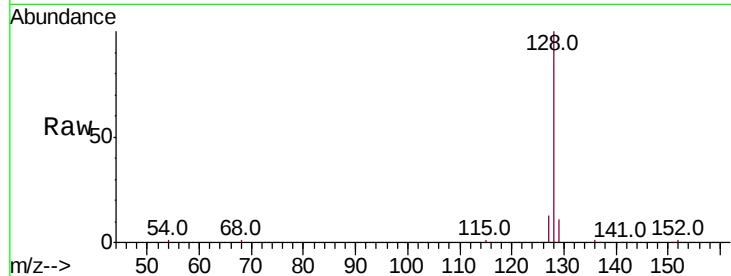
ClientSampleId :

C0BQ3DL

Tot Ion:	128	Resp:	26134
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.1	13.7
127	13.2	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.550 ng/ul

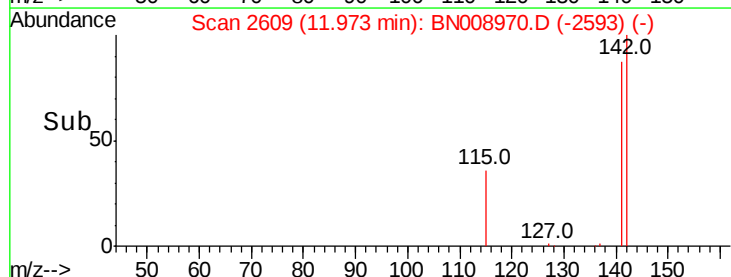
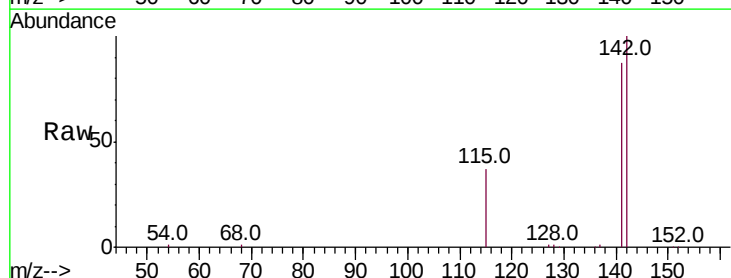
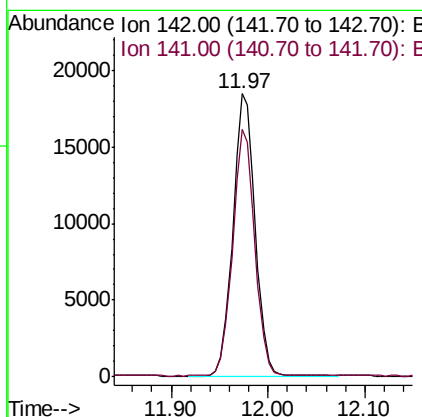
RT: 11.97 min Scan# 2609

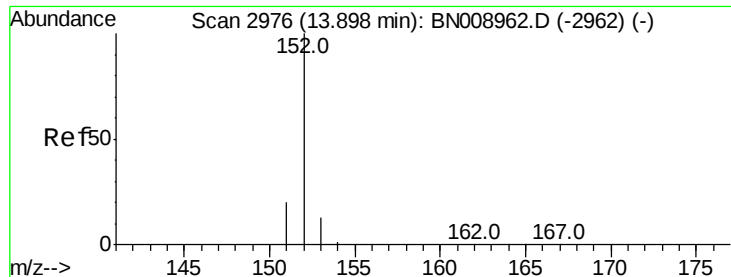
Delta R.T. -0.01 min

Lab File: BN008970.D

Acq: 13 Dec 2019 16:35

Tgt Ion:	142	Resp:	29250
Ion Ratio	Lower	Upper	
142	100		
141	87.1	70.1	105.1





#7

Acenaphthylene

Concen: 0.094 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BN008970.D

Acq: 13 Dec 2019 16:35

Instrument :

BNA_N

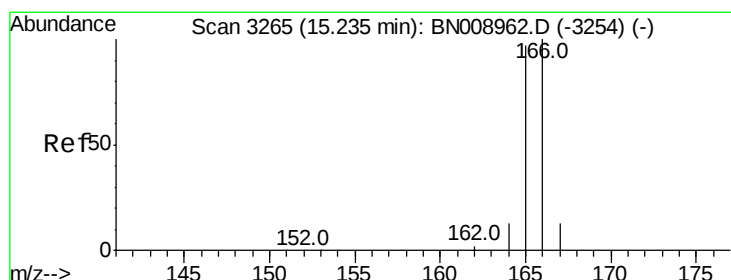
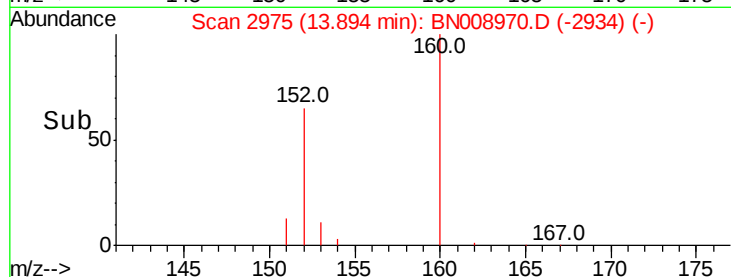
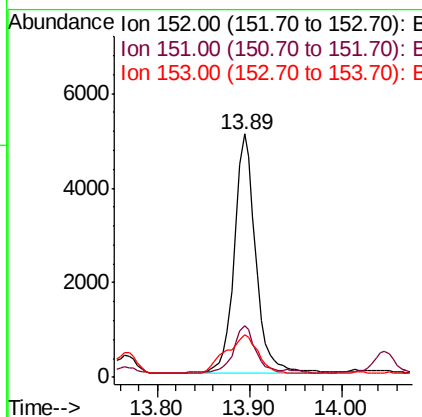
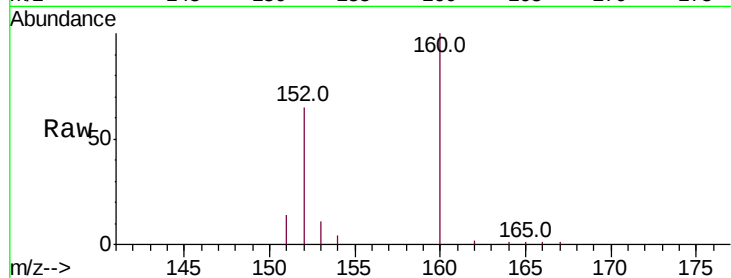
ClientSampleId :

C0BQ3DL

Tot Ion:	152	Resp:	8233
Ion Ratio	Lower	Upper	
152	100		
151	21.0	15.8	23.6
153	17.6	10.6	15.8#

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#9

Fluorene

Concen: 0.054 ng/ul

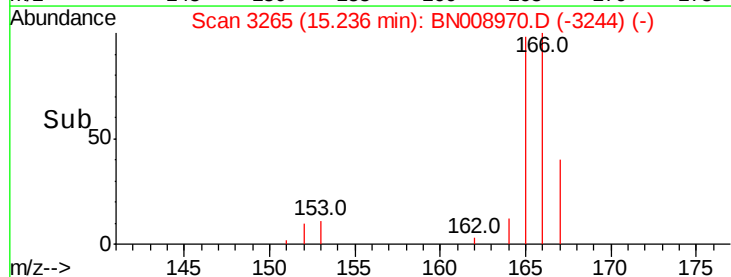
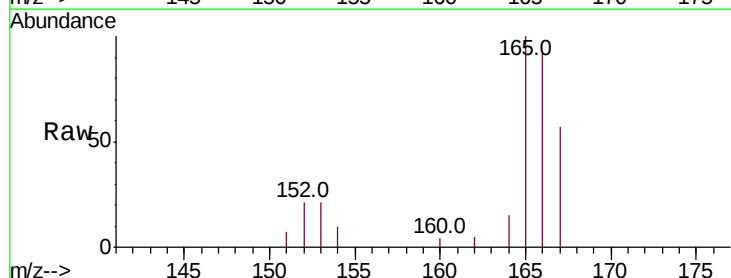
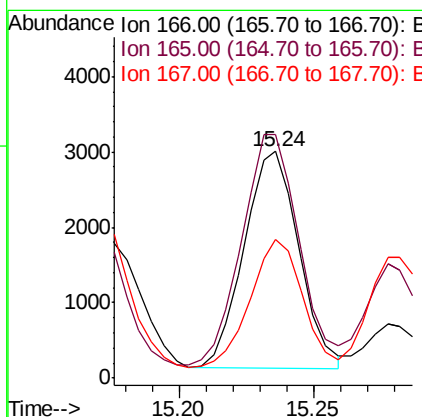
RT: 15.24 min Scan# 3265

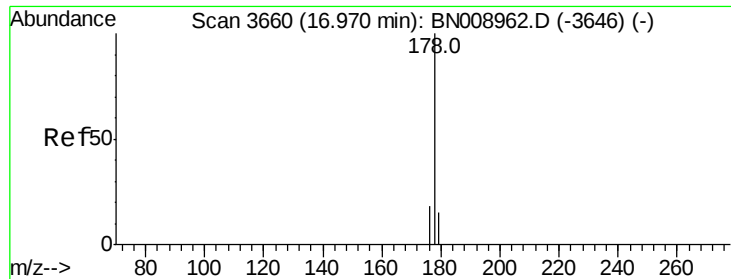
Delta R.T. -0.00 min

Lab File: BN008970.D

Acq: 13 Dec 2019 16:35

Tgt Ion:	166	Resp:	4076
Ion Ratio	Lower	Upper	
166	100		
165	107.4	77.7	116.5
167	61.0	11.1	16.7#





#12

Phenanthrene

Concen: 1.021 ng/ul

RT: 16.97 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BN008970.D

Acq: 13 Dec 2019 16:35

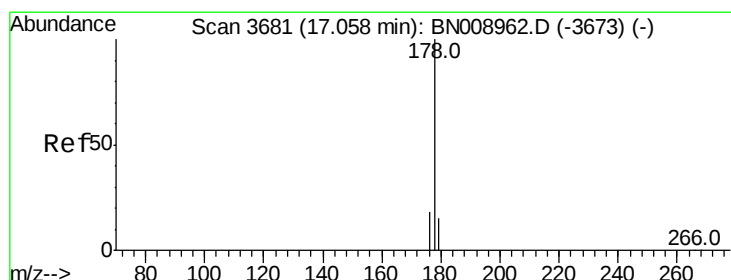
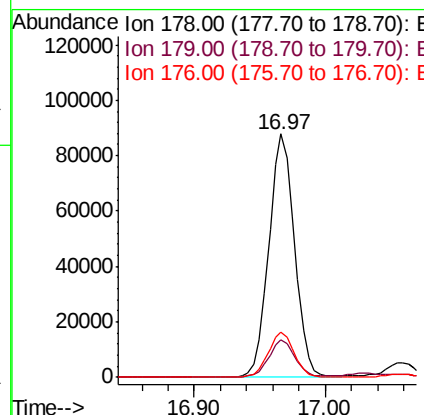
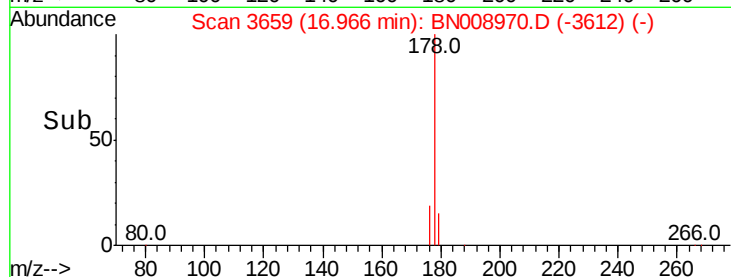
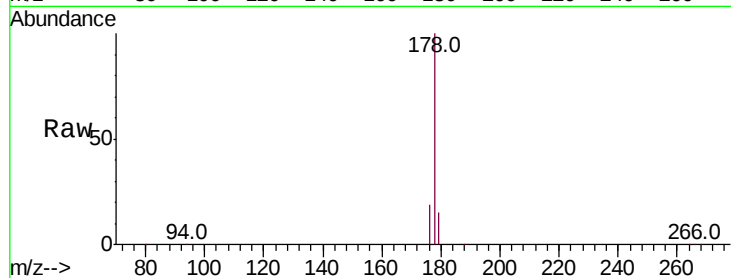
Instrument :
BNA_N

ClientSampleId :
C0BQ3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.8	15.3	22.9

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#13

Anthracene

Concen: 0.066 ng/ul

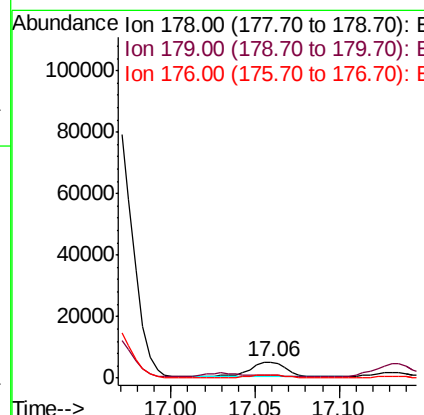
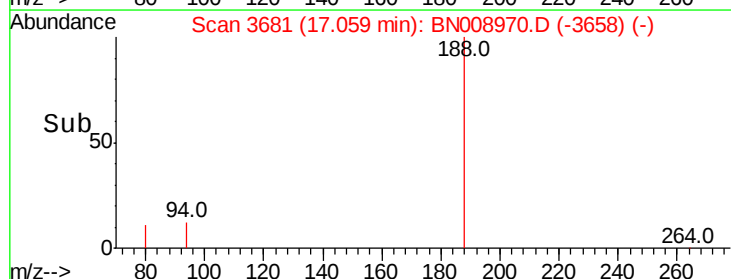
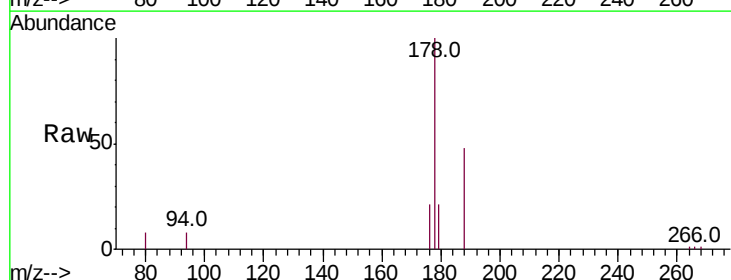
RT: 17.06 min Scan# 3681

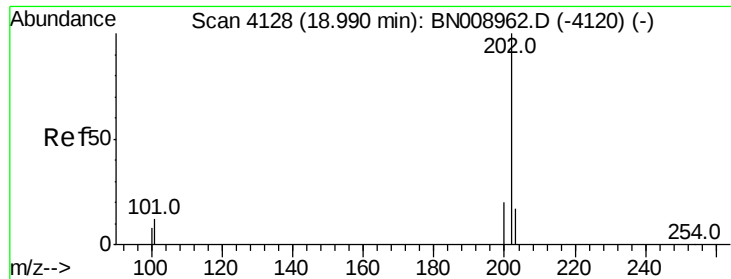
Delta R.T. -0.00 min

Lab File: BN008970.D

Acq: 13 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.6	12.2	18.4#
176	20.6	14.7	22.1





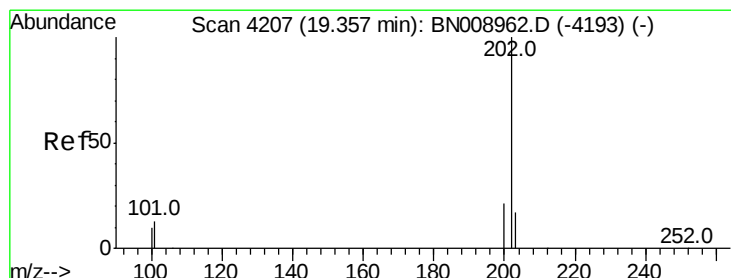
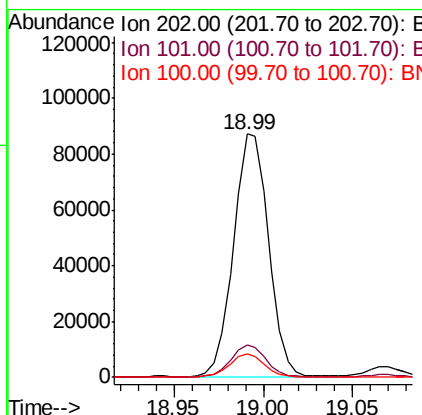
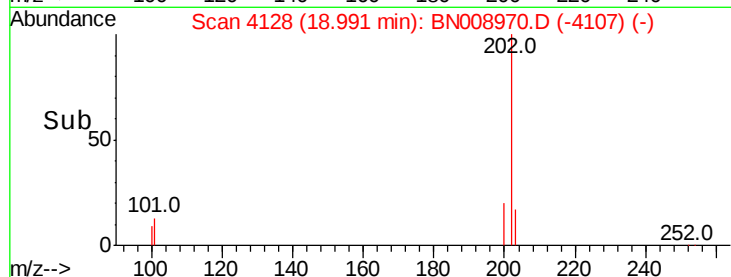
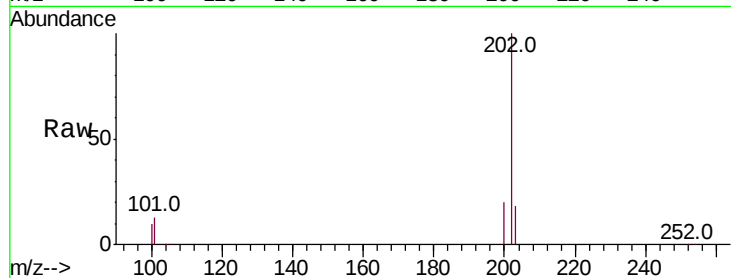
#15
Fluoranthene
Concen: 0.832 ng/ul
RT: 18.99 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BN008970.D
Acq: 13 Dec 2019 16:35

Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	32.4
100	9.7	0.0	29.2

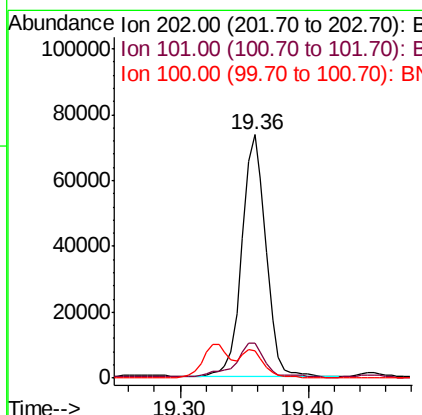
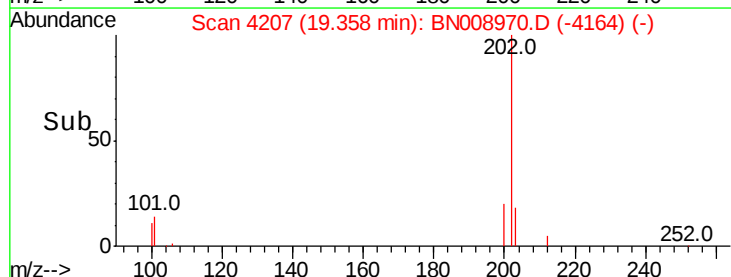
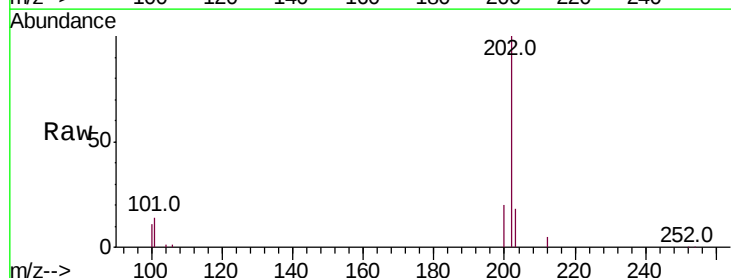
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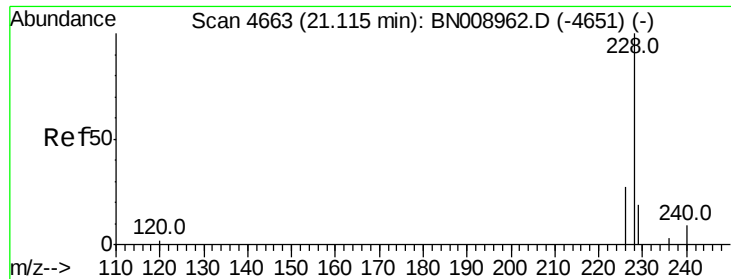
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#17
Pyrene
Concen: 1.156 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008970.D
Acq: 13 Dec 2019 16:35

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	12.2	18.4
100	11.4	9.5	14.3





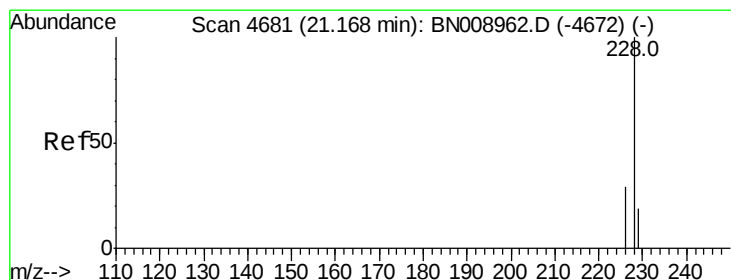
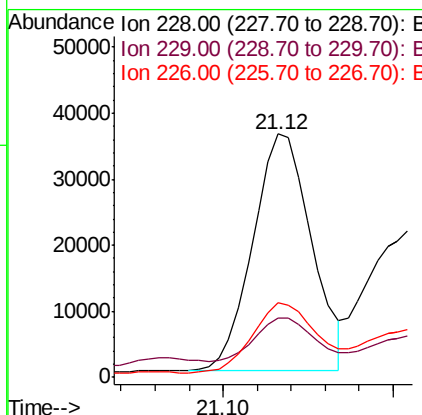
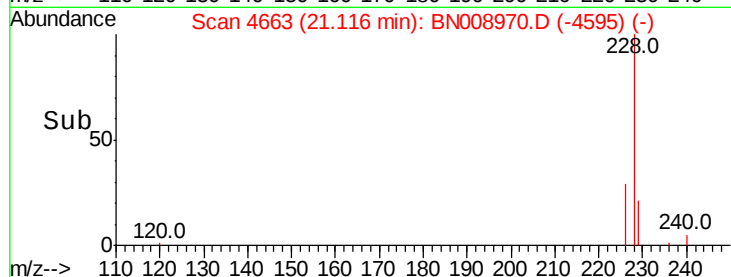
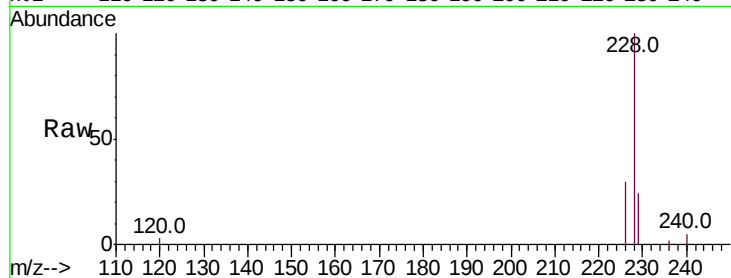
#18
Benzo(a)anthracene
Concen: 0.519 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008970.D
Acq: 13 Dec 2019 16:35

Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.7	23.5#
226	30.5	21.5	32.3

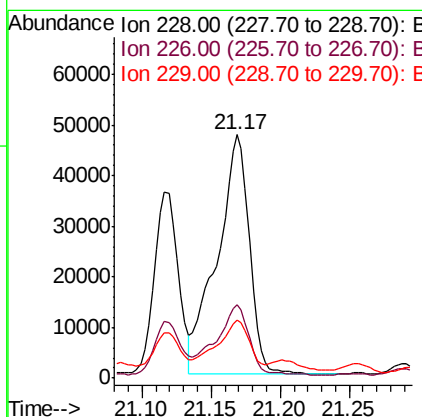
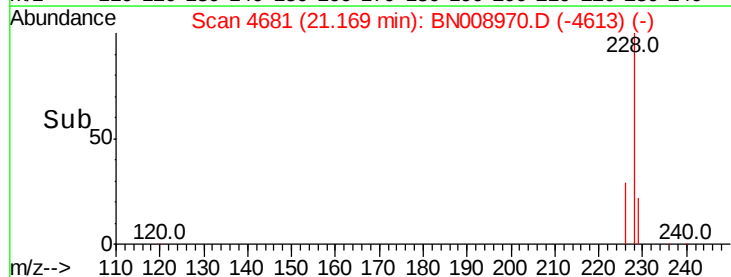
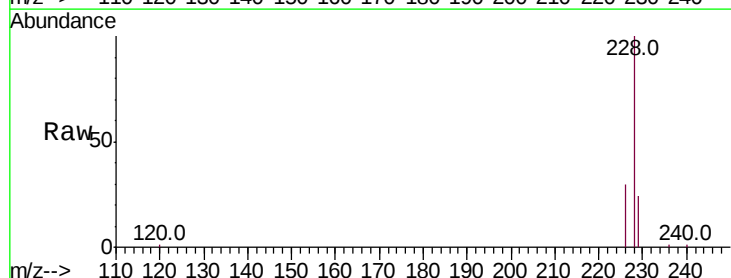
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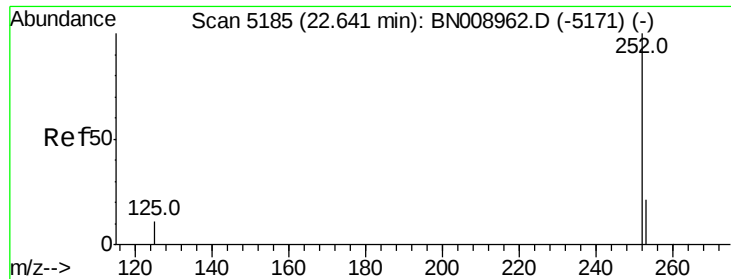
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#19
Chrysene
Concen: 0.949 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008970.D
Acq: 13 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	23.9	15.6	23.4#





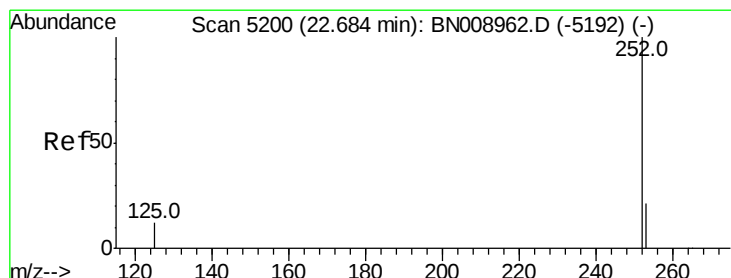
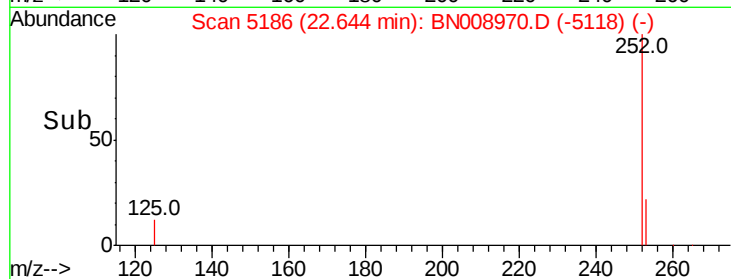
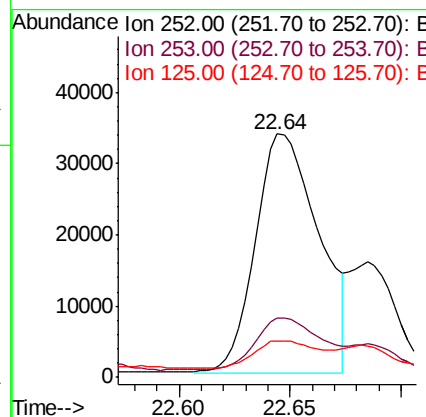
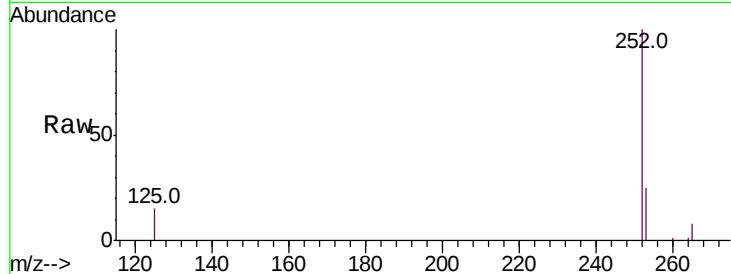
#21
Benzo(b)fluoranthene
Concen: 0.916 ng/ul m
RT: 22.64 min Scan# 5186
Delta R.T. -0.00 min
Lab File: BN008970.D
Acq: 13 Dec 2019 16:35

Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	48.6
125	15.0	0.0	31.6

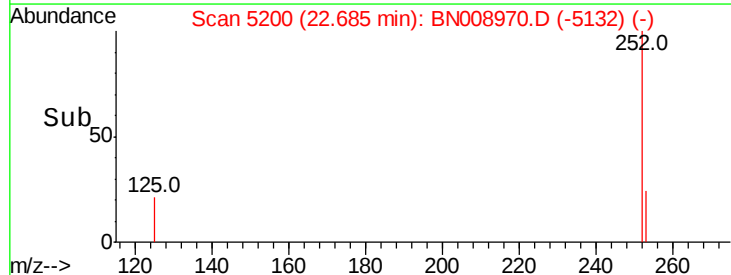
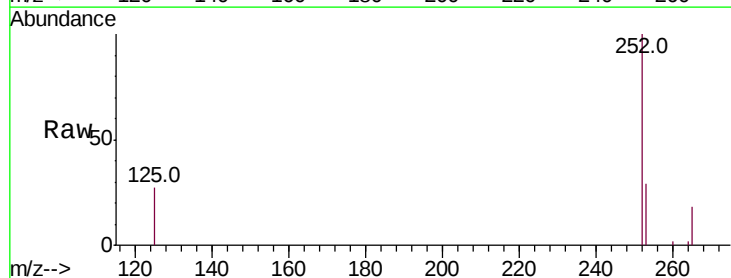
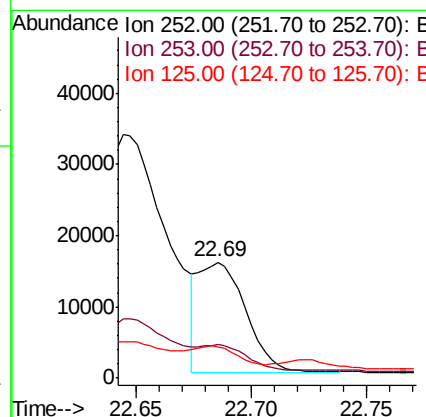
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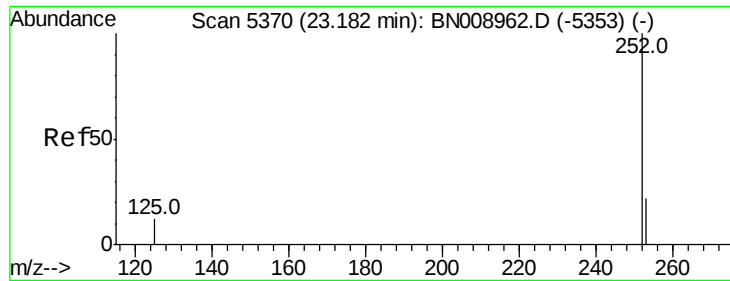
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#22
Benzo(k)fluoranthene
Concen: 0.310 ng/ul m
RT: 22.69 min Scan# 5200
Delta R.T. -0.00 min
Lab File: BN008970.D
Acq: 13 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	19.6	29.4
125	27.4	13.8	20.6





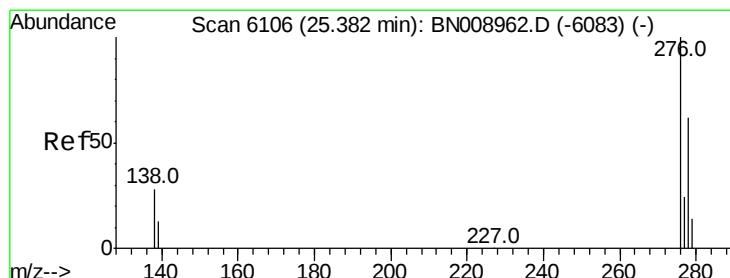
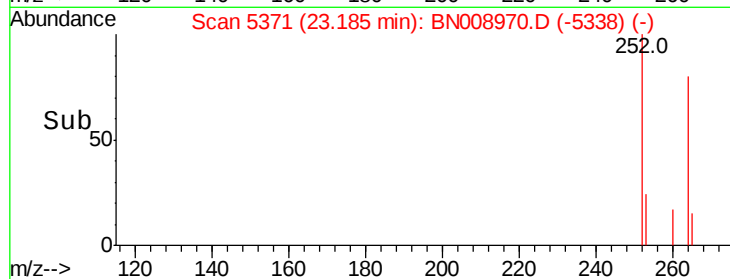
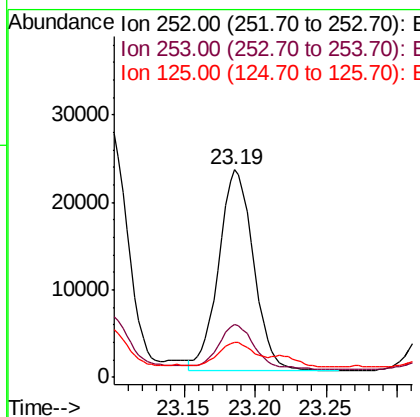
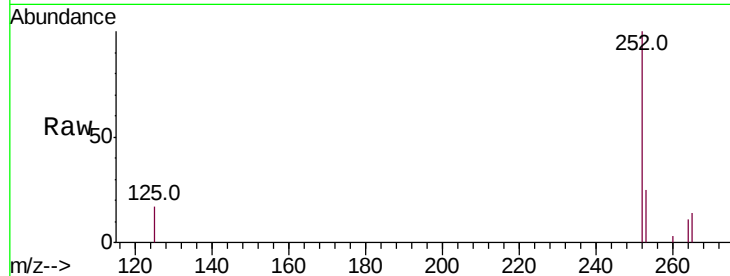
#23
Benzo(a)pyrene
Concen: 0.576 ng/u1
RT: 23.19 min Scan# 5371
Delta R.T. -0.00 min
Lab File: BN008970.D
Acq: 13 Dec 2019 16:35

Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.9	29.9
125	16.8	14.6	22.0

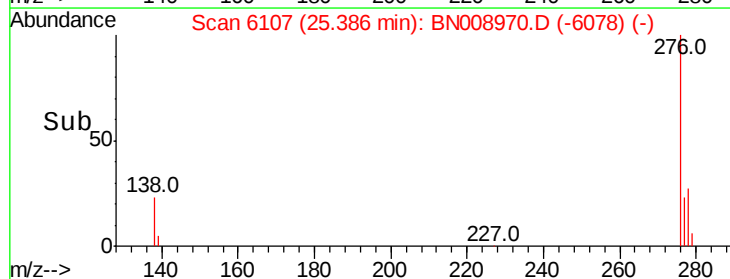
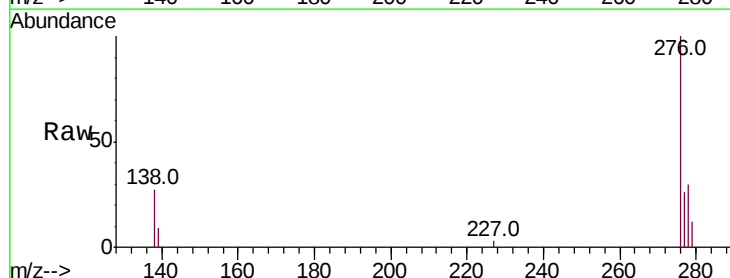
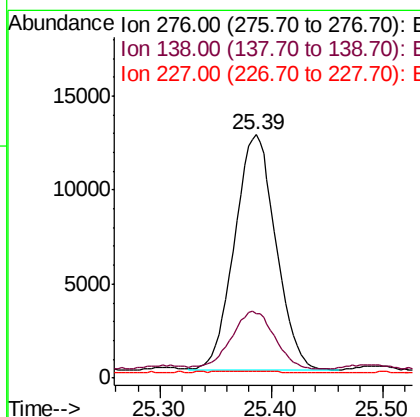
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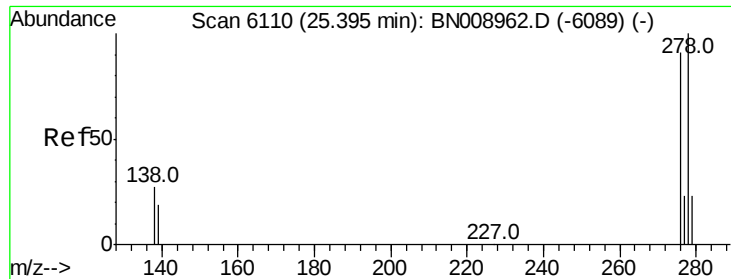
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/u1
RT: 25.39 min Scan# 6107
Delta R.T. -0.00 min
Lab File: BN008970.D
Acq: 13 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	23.8	35.6
227	0.7	0.2	0.2#





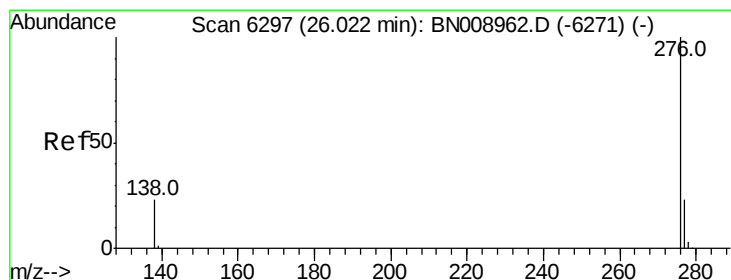
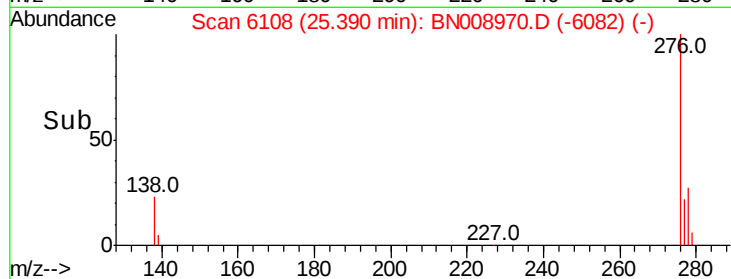
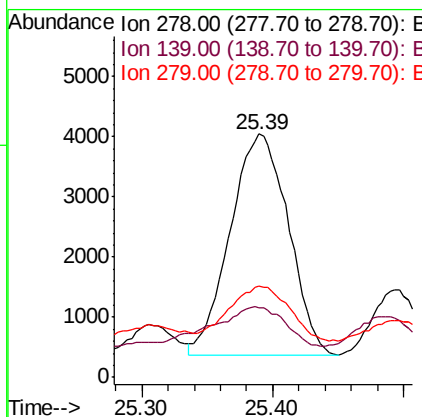
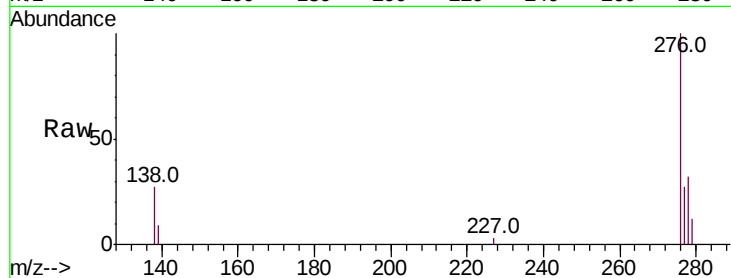
#25
Dibenzo(a,h)anthracene
Concen: 0.177 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.01 min
Lab File: BN008970.D
Acq: 13 Dec 2019 16:35

Instrument :
BNA_N
ClientSampleID :
C0BQ3DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.8	17.4	26.0#
279	37.5	20.5	30.7#

Manual Integrations
APPROVED

mohammad
12/16/2019 12:23:49 PM



#26
Benzo(g,h,i)perylene
Concen: 0.594 ng/ul
RT: 26.03 min Scan# 6298
Delta R.T. -0.00 min
Lab File: BN008970.D
Acq: 13 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.9	32.9
277	25.5	19.9	29.9

