

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
 Data File : BN008963.D
 Acq On : 13 Dec 2019 12:14
 Operator : JU
 Sample : K6089-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP9

Manual Integrations
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 12/16/2019 12:23:17 PM

Quant Time: Dec 13 14:14:20 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 : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2291	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	9759	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6089	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	13773	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	12031	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	12321	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2514	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	6731	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	2395	0.081	ng/ul#	93
5) 2-Methylnaphthalene	11.98	142	2049	0.100	ng/ul	97
7) Acenaphthylene	13.89	152	4611	0.137	ng/ul	94
9) Fluorene	15.24	166	897	0.031	ng/ul#	84
12) Phenanthrene	16.97	178	49878	1.074	ng/ul	99
13) Anthracene	17.06	178	3285m	0.075	ng/ul	
15) Fluoranthene	18.99	202	80318	1.407	ng/ul	100
17) Pyrene	19.36	202	73550	1.524	ng/ul	96
18) Benzo(a)anthracene	21.12	228	34604	0.715	ng/ul	95
19) Chrysene	21.17	228	58859	1.239	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	66864m	1.316	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	25105m	0.498	ng/ul	
23) Benzo(a)pyrene	23.18	252	29498	0.619	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.38	276	22008	0.395	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.39	278	5576	0.124	ng/ul#	82
26) Benzo(a,h,i)perylene	26.02	276	21298	0.456	ng/ul	99

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

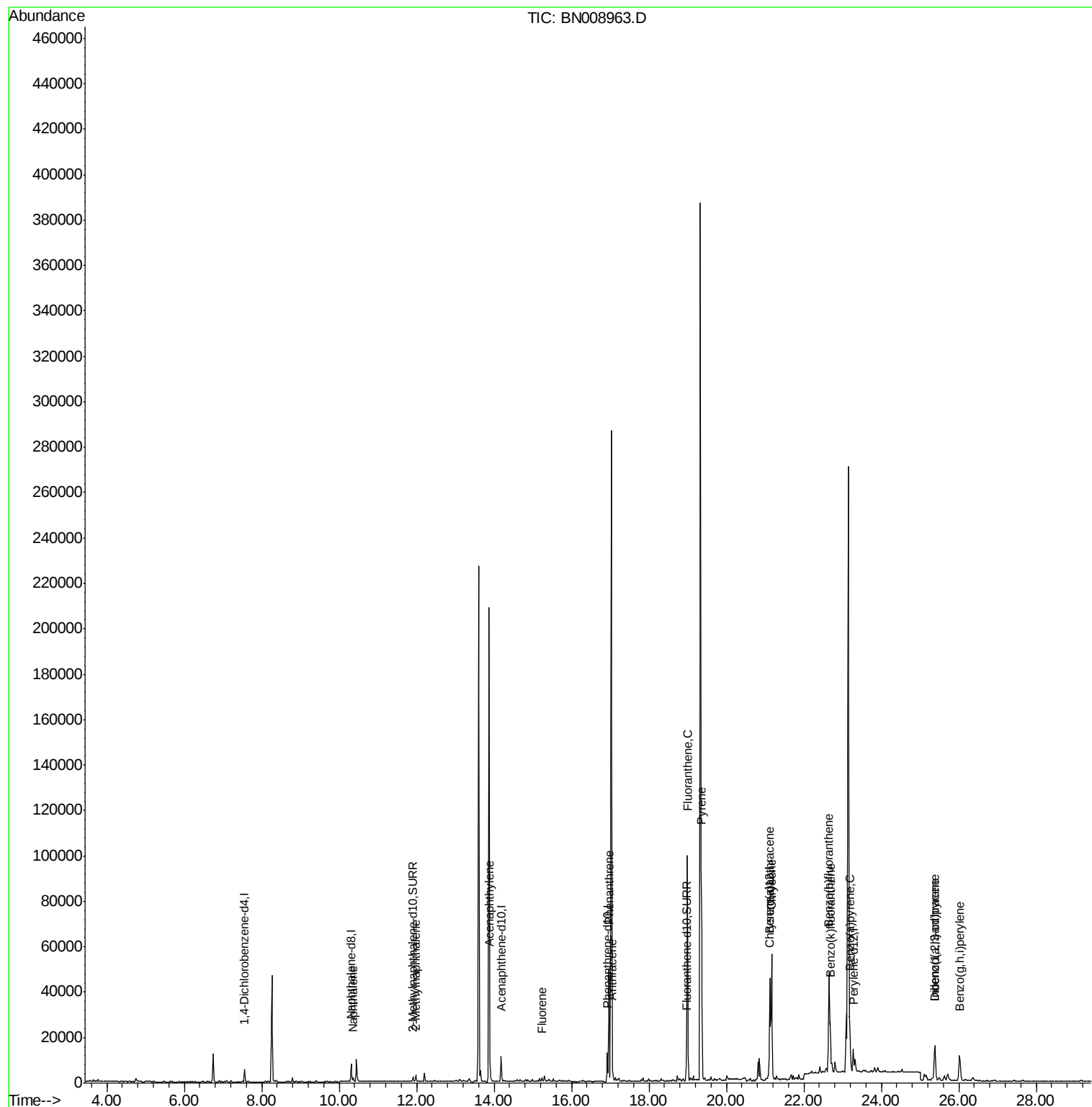
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
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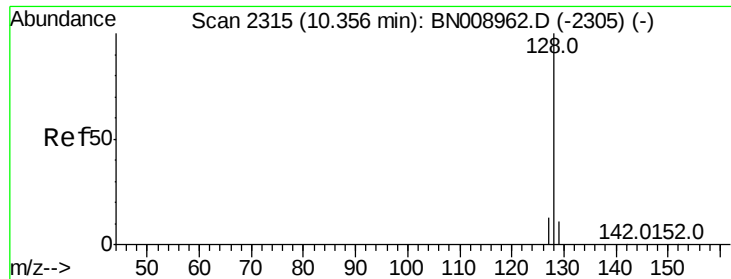
Instrument :
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C0BP9

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Quant Time: Dec 13 14:14:20 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 : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.081 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008963.D

Acq: 13 Dec 2019 12:14

Instrument :

BNA_N

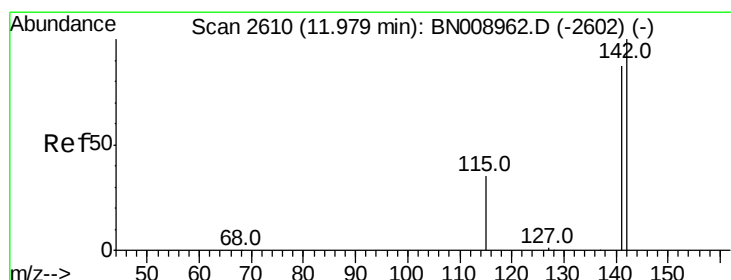
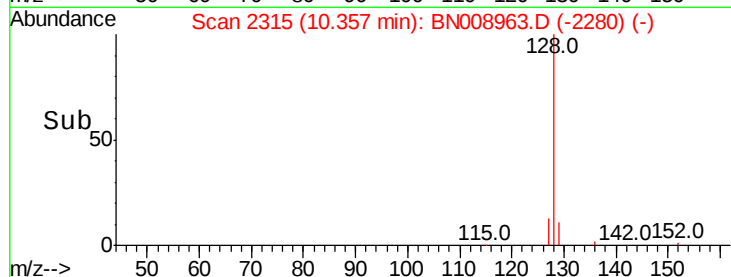
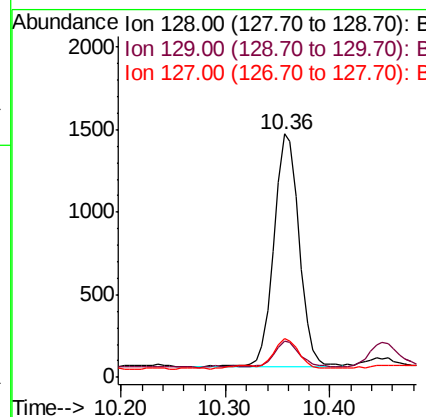
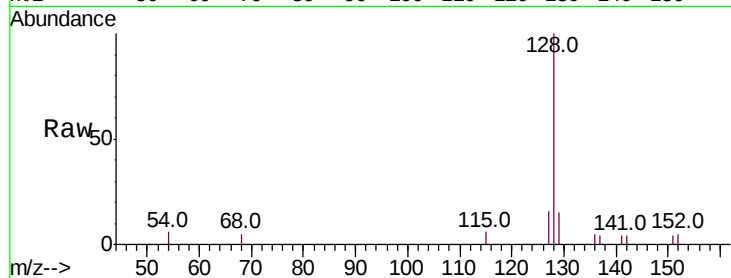
ClientSampleId :

C0BP9

Tot Ion:	128	Resp:	2395
Ion Ratio	Lower	Upper	
128	100		
129	14.9	9.1	13.7#
127	15.8	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.100 ng/ul

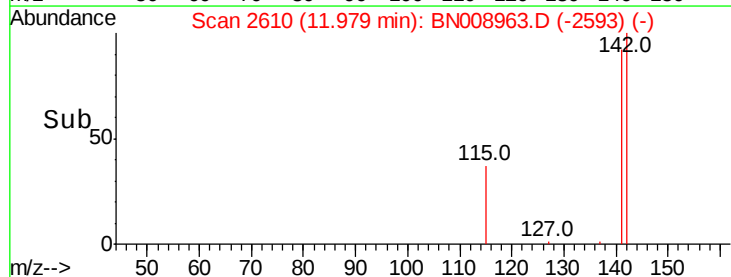
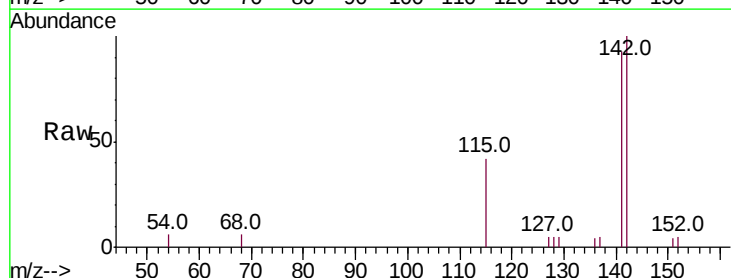
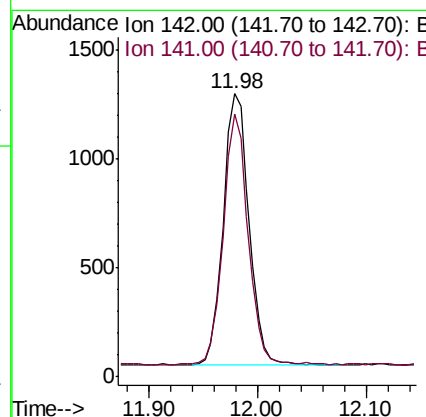
RT: 11.98 min Scan# 2610

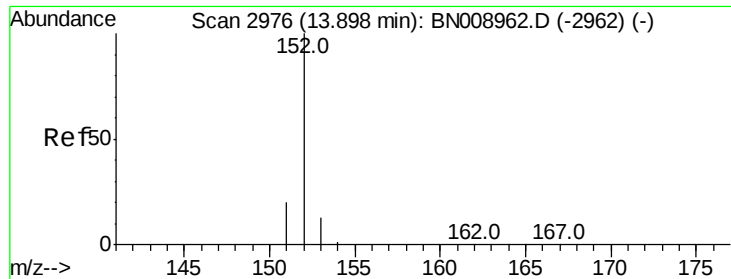
Delta R.T. -0.01 min

Lab File: BN008963.D

Acq: 13 Dec 2019 12:14

Tgt Ion:	142	Resp:	2049
Ion Ratio	Lower	Upper	
142	100		
141	90.5	70.1	105.1





#7

Acenaphthylene

Concen: 0.137 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BN008963.D

Acq: 13 Dec 2019 12:14

Instrument :

BNA_N

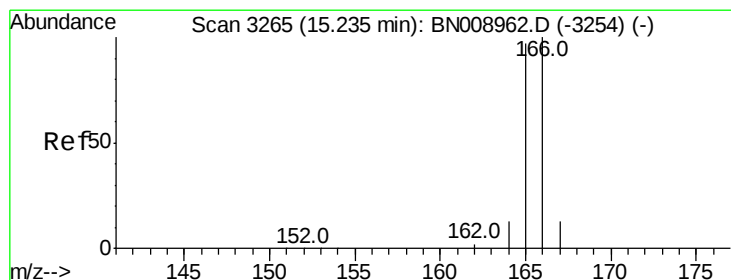
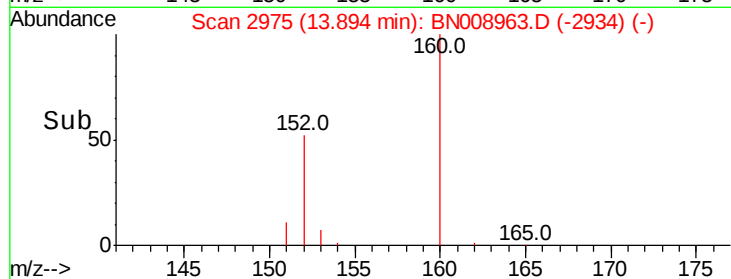
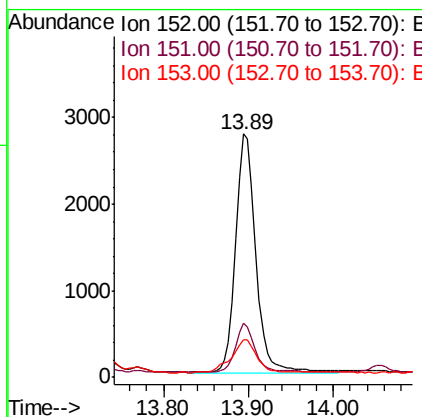
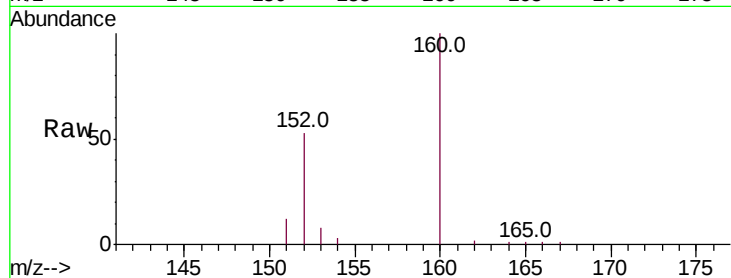
ClientSampleId :

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Tot Ion:	152	Resp:	4611
Ion Ratio	Lower	Upper	
152	100		
151	22.1	15.8	23.6
153	15.6	10.6	15.8

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#9

Fluorene

Concen: 0.031 ng/ul

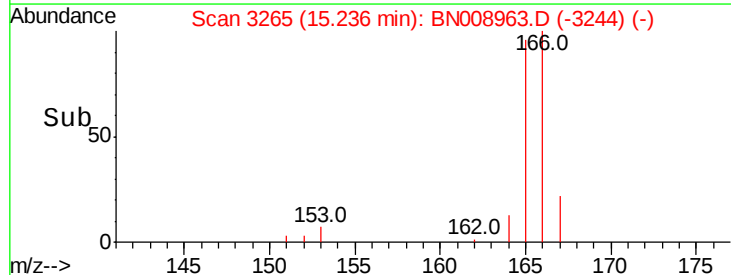
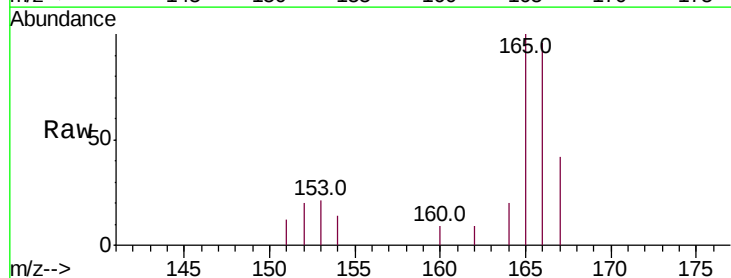
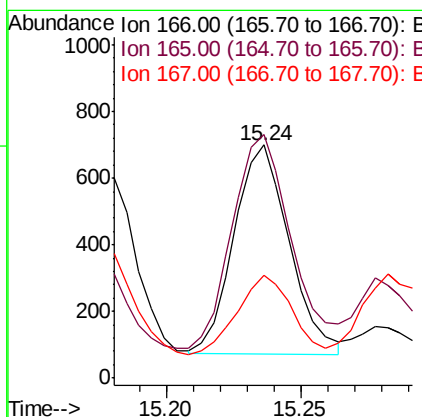
RT: 15.24 min Scan# 3265

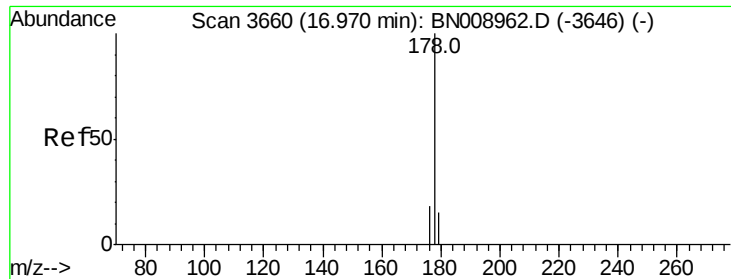
Delta R.T. -0.00 min

Lab File: BN008963.D

Acq: 13 Dec 2019 12:14

Tgt Ion:	166	Resp:	897
Ion Ratio	Lower	Upper	
166	100		
165	104.6	77.7	116.5
167	44.1	11.1	16.7#





#12

Phenanthrene

Concen: 1.074 ng/ul

RT: 16.97 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BN008963.D

Acq: 13 Dec 2019 12:14

Instrument :

BNA_N

ClientSampleId :

C0BP9

Tot Ion:178 Resp: 49878

Ion Ratio Lower Upper

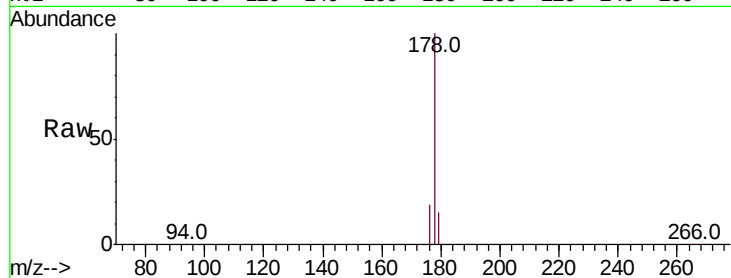
178 100

179 15.3 12.6 18.8

176 18.9 15.3 22.9

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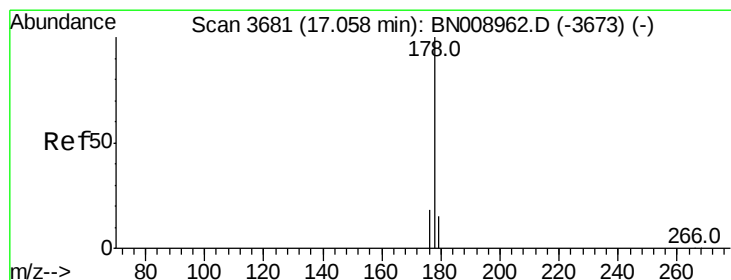
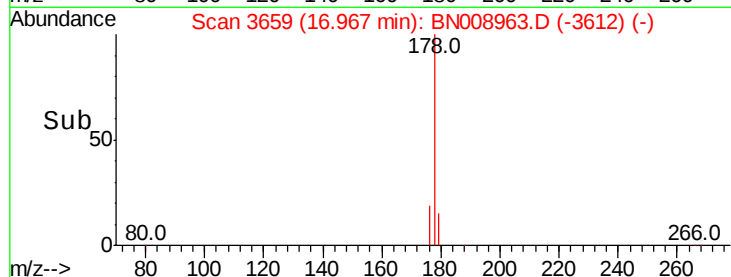
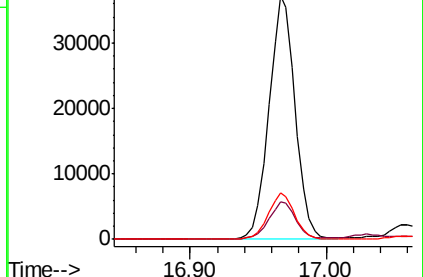
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.075 ng/ul m

RT: 17.06 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BN008963.D

Acq: 13 Dec 2019 12:14

Tgt Ion:178 Resp: 3285

Ion Ratio Lower Upper

178 100

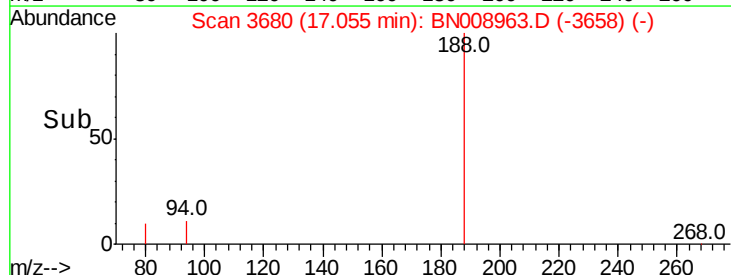
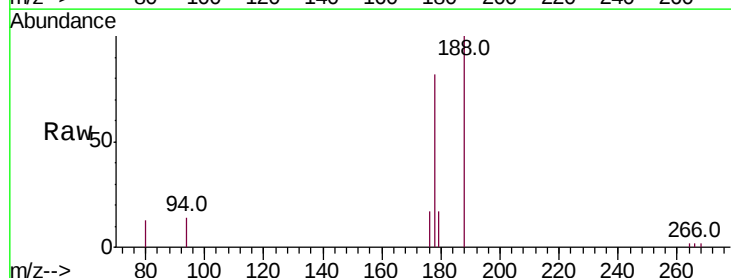
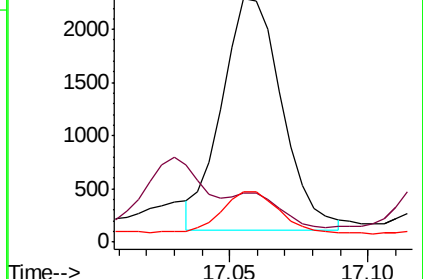
179 20.3 12.2 18.4#

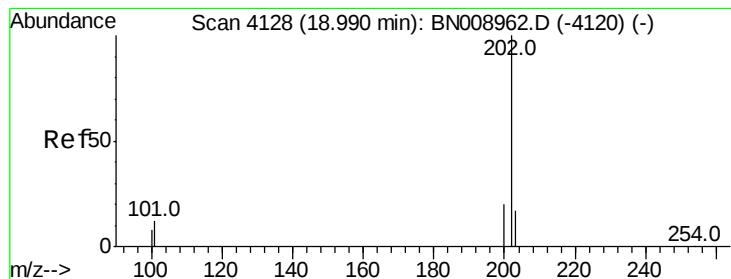
176 20.7 14.7 22.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.407 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008963.D

Acq: 13 Dec 2019 12:14

Instrument :

BNA_N

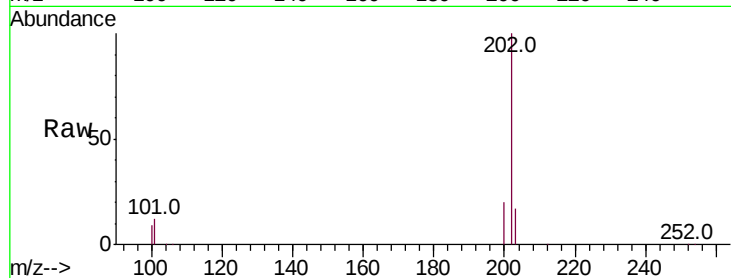
ClientSampleId :

C0BP9

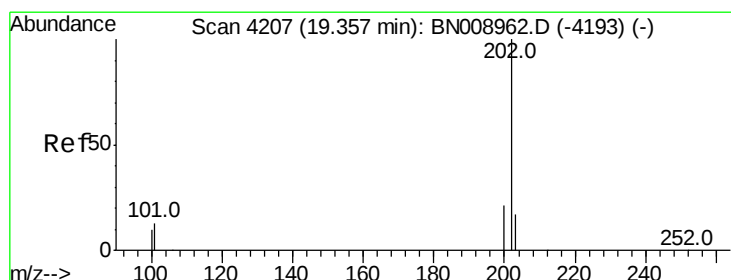
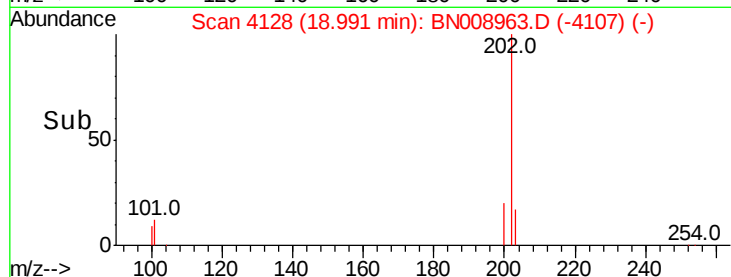
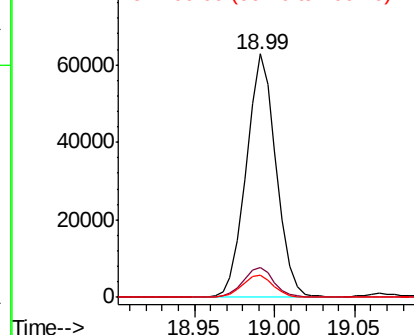
Tot Ion:	202	Resp:	80318
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.4
100	9.1	0.0	29.2

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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: 1.524 ng/ul

RT: 19.36 min Scan# 4207

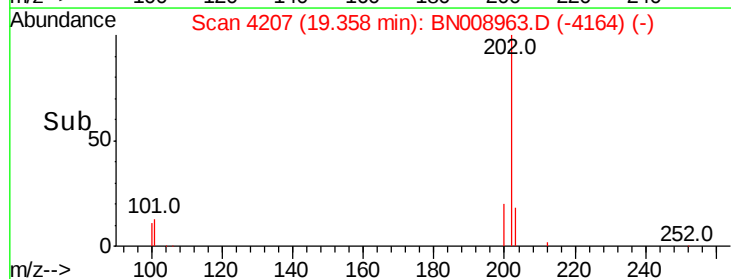
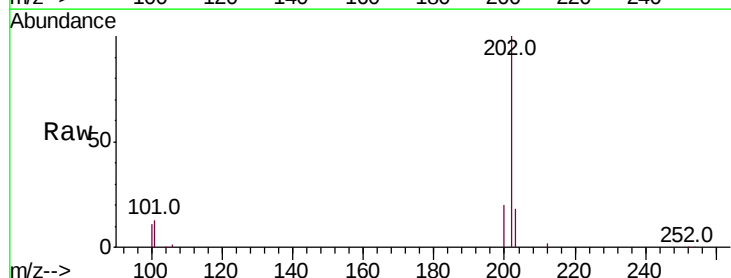
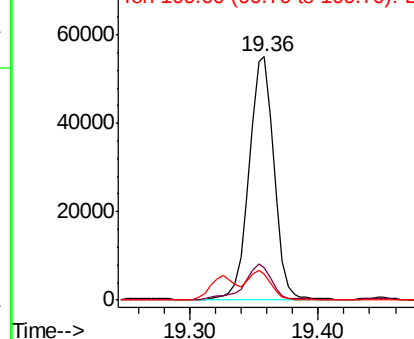
Delta R.T. 0.00 min

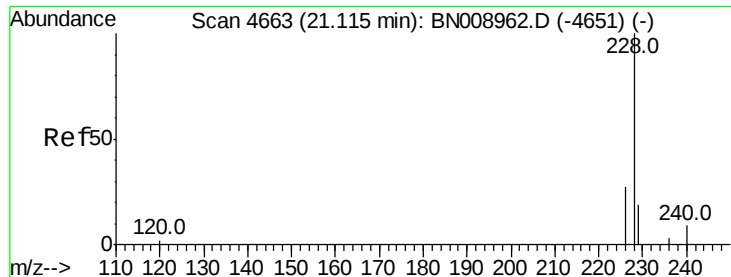
Lab File: BN008963.D

Acq: 13 Dec 2019 12:14

Tgt Ion:	202	Resp:	73550
Ion Ratio	Lower	Upper	
202	100		
101	13.4	12.2	18.4
100	10.7	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





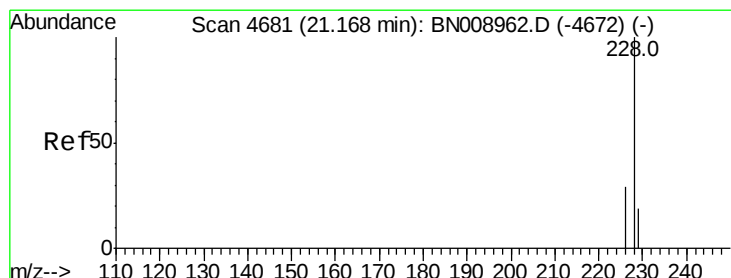
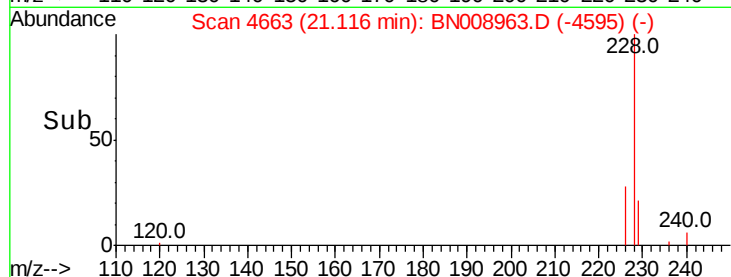
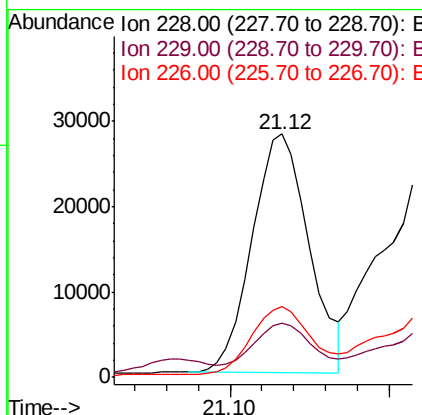
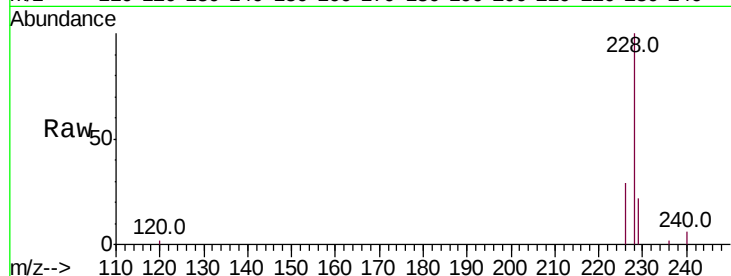
#18
Benzo(a)anthracene
Concen: 0.715 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008963.D
Acq: 13 Dec 2019 12:14

Instrument :
BNA_N
ClientSampleId :
C0BP9

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	28.9	21.5	32.3

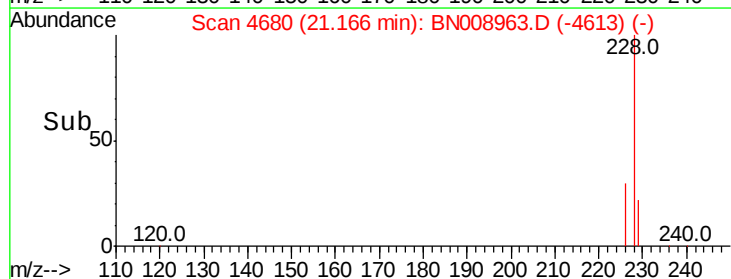
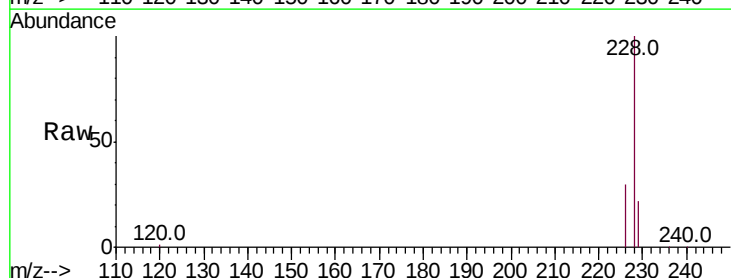
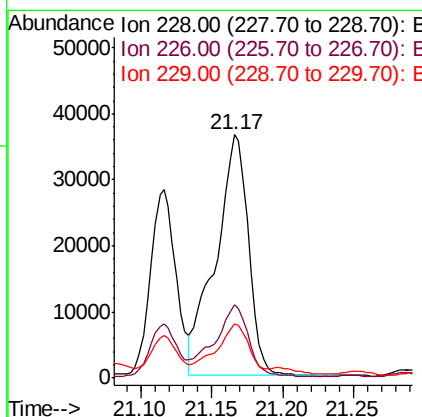
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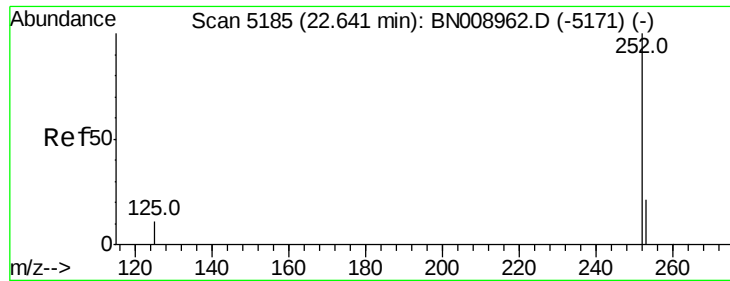
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#19
Chrysene
Concen: 1.239 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.00 min
Lab File: BN008963.D
Acq: 13 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	22.4	15.6	23.4





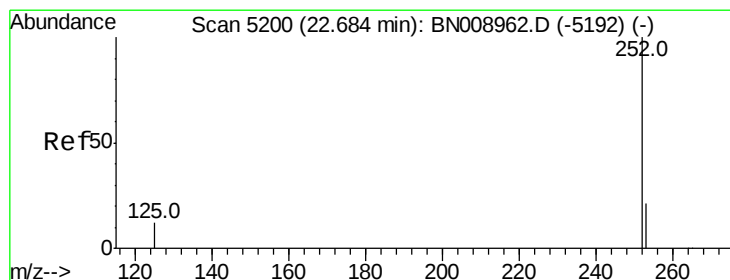
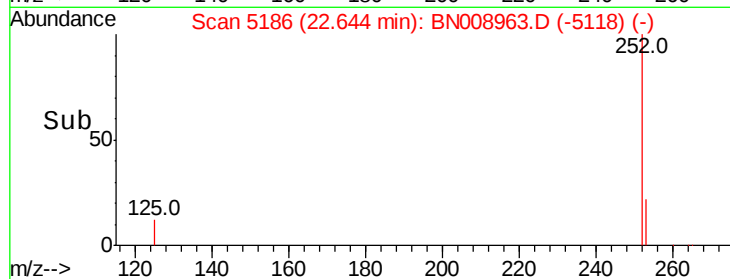
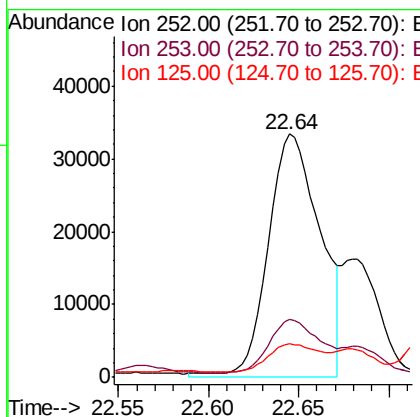
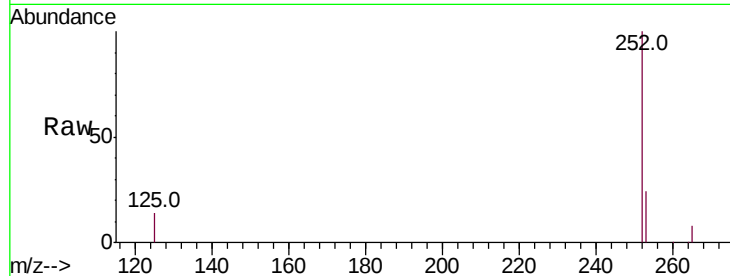
#21
Benzo(b)fluoranthene
Concen: 1.316 ng/ul m
RT: 22.64 min Scan# 5186
Delta R.T. -0.00 min
Lab File: BN008963.D
Acq: 13 Dec 2019 12:14

Instrument :
BNA_N
ClientSampleId :
C0BP9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	48.6
125	13.9	0.0	31.6

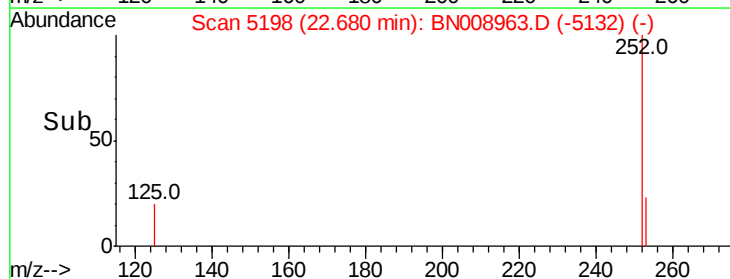
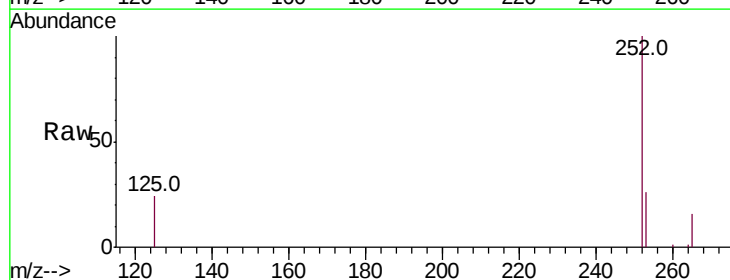
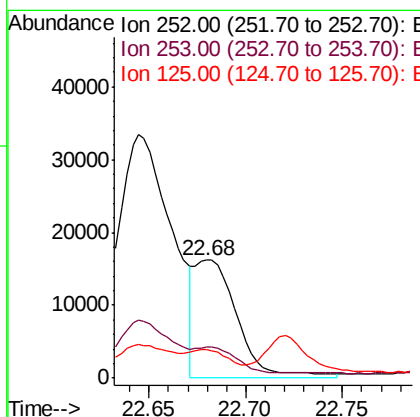
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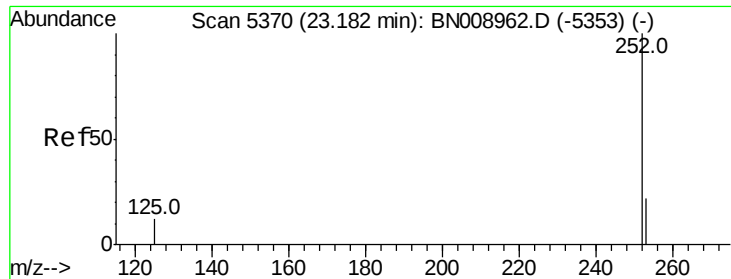
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#22
Benzo(k)fluoranthene
Concen: 0.498 ng/ul m
RT: 22.68 min Scan# 5198
Delta R.T. -0.01 min
Lab File: BN008963.D
Acq: 13 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.6	29.4
125	24.2	13.8	20.6





#23

Benzo(a)pyrene

Concen: 0.619 ng/u1

RT: 23.18 min Scan# 5370

Delta R.T. -0.00 min

Lab File: BN008963.D

Acq: 13 Dec 2019 12:14

Instrument :

BNA_N

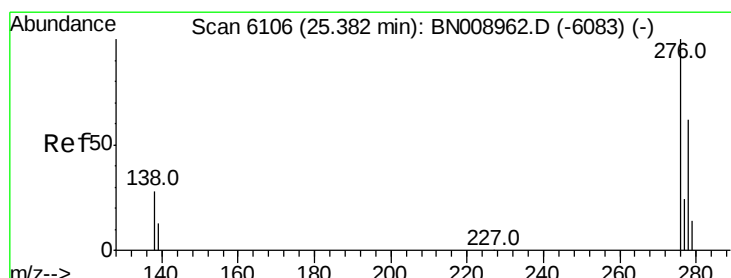
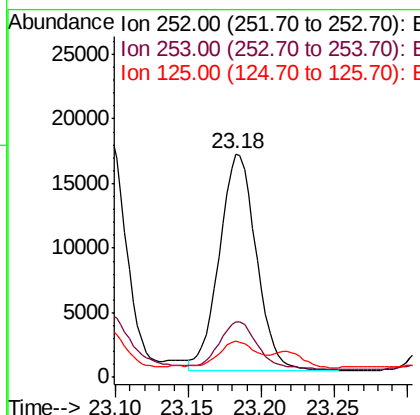
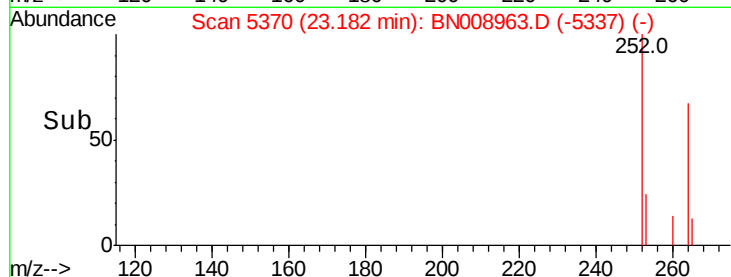
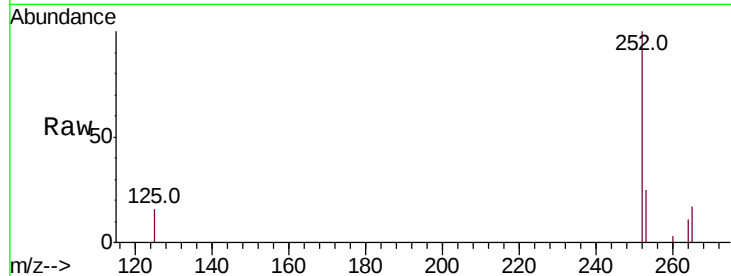
ClientSampleId :

C0BP9

Tot Ion:	252	Resp:	29498
Ion Ratio	Lower	Upper	
252	100		
253	25.0	19.9	29.9
125	16.1	14.6	22.0

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.395 ng/u1

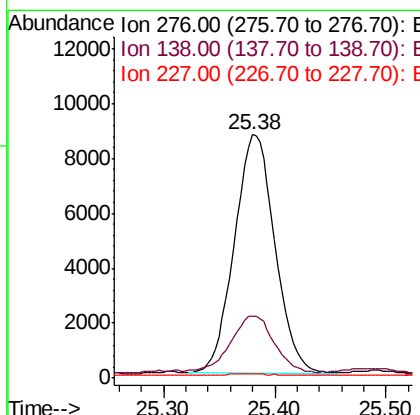
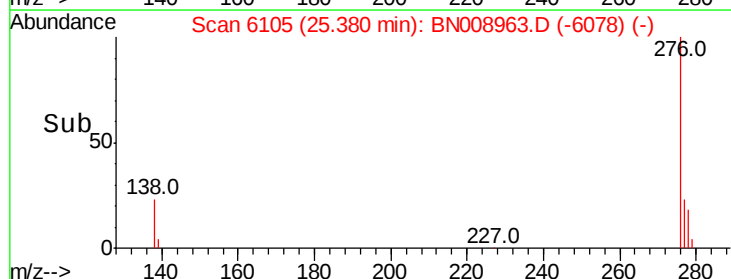
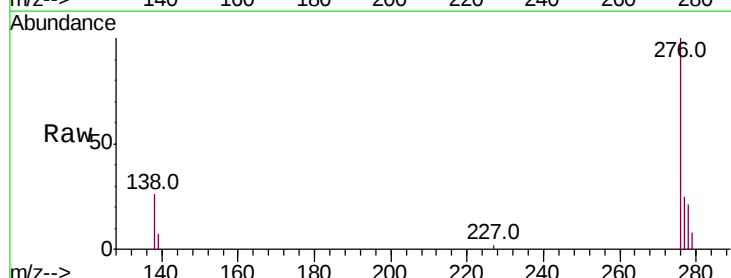
RT: 25.38 min Scan# 6105

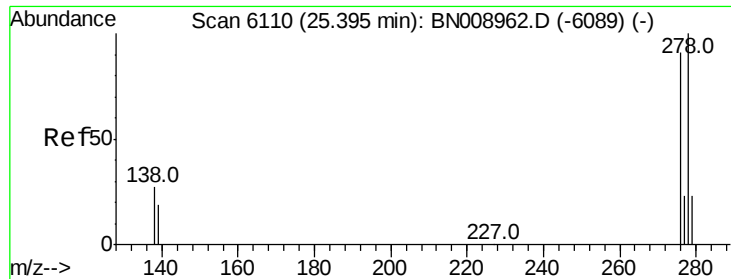
Delta R.T. -0.01 min

Lab File: BN008963.D

Acq: 13 Dec 2019 12:14

Tgt Ion:	276	Resp:	22008
Ion Ratio	Lower	Upper	
276	100		
138	25.1	23.8	35.6
227	0.5	0.2	0.2#





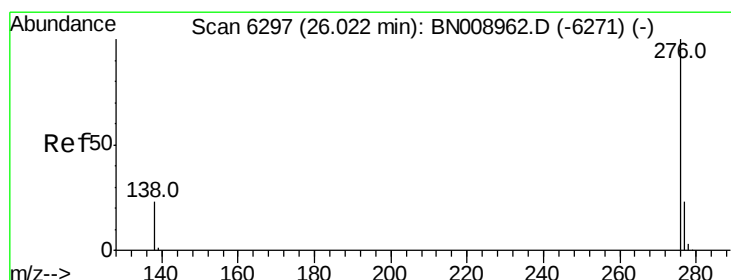
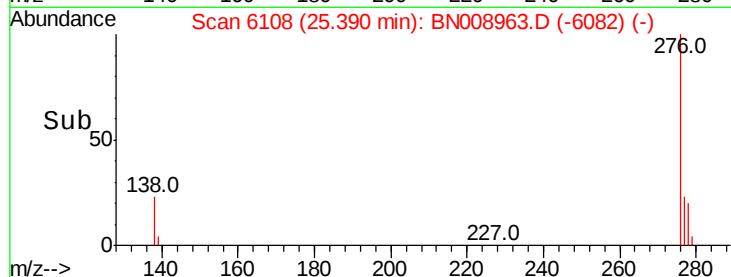
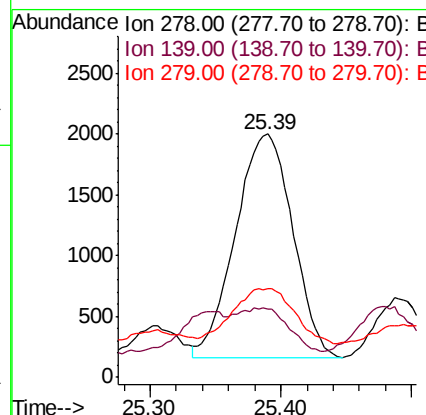
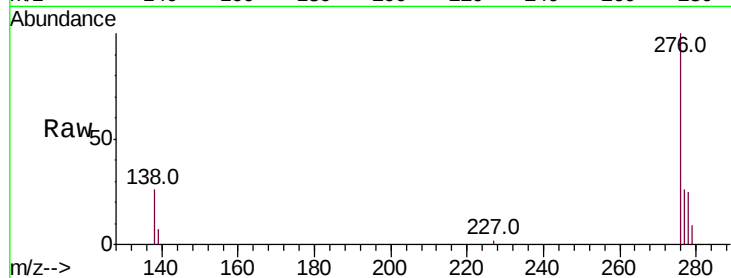
#25
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.01 min
Lab File: BN008963.D
Acq: 13 Dec 2019 12:14

Instrument :
BNA_N
ClientSampled :
C0BP9

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.2	17.4	26.0#
279	36.5	20.5	30.7#

Manual Integrations
APPROVED

mohammad
12/16/2019 12:23:17 PM



#26
Benzo(g,h,i)perylene
Concen: 0.456 ng/ul
RT: 26.02 min Scan# 6295
Delta R.T. -0.01 min
Lab File: BN008963.D
Acq: 13 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.9	32.9
277	24.6	19.9	29.9

