

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
 Data File : BN008969.D
 Acq On : 13 Dec 2019 15:50
 Operator : JU
 Sample : K6089-15DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BR3DL

Manual Integrations
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Quant Time: Dec 13 17:40:36 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	7.55	152	2595	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11251	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7308	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	16534	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13830	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	13068	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	272	0.01	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	913	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	9449	0.279	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	8227	0.347	ng/ul	100
7) Acenaphthylene	13.89	152	6480	0.160	ng/ul#	96
9) Fluorene	15.24	166	893	0.025	ng/ul#	77
12) Phenanthrene	16.97	178	29754	0.534	ng/ul	100
13) Anthracene	17.06	178	4529	0.086	ng/ul#	94
15) Fluoranthene	18.99	202	58521	0.854	ng/ul	100
17) Pyrene	19.35	202	53948	0.972	ng/ul	99
18) Benzo(a)anthracene	21.12	228	34995	0.629	ng/ul	95
19) Chrysene	21.17	228	41964	0.768	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	55077m	1.022	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	21329m	0.399	ng/ul	
23) Benzo(a)pyrene	23.18	252	32220	0.637	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.38	276	19352	0.327	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.39	278	5302	0.111	ng/ul#	83
26) Benzo(a,h,i)perylene	26.02	276	17619	0.356	ng/ul	99

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

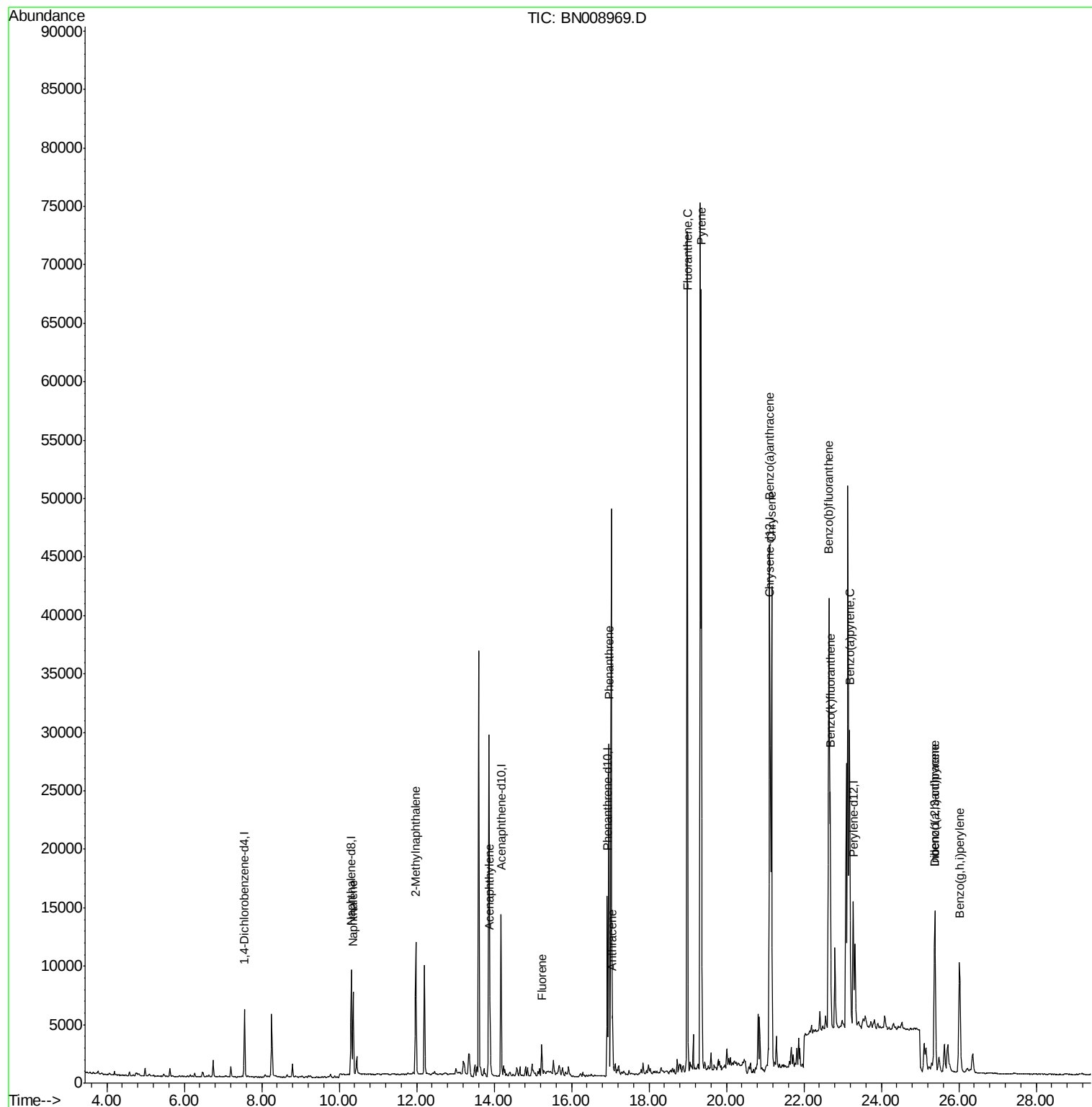
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
Data File : BN008969.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

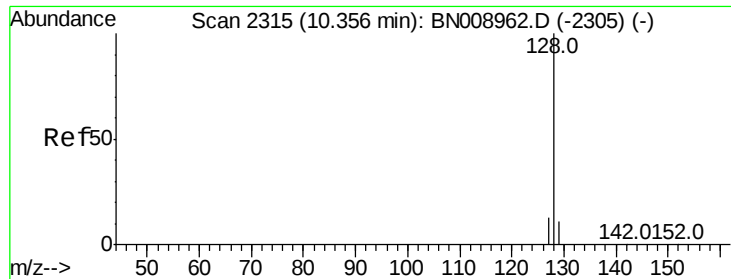
Instrument :
BNA_N
ClientSampleId :
C0BR3DL

Quant Time: Dec 13 17:40:36 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
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#3

Naphthalene

Concen: 0.279 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008969.D

Acq: 13 Dec 2019 15:50

Instrument :

BNA_N

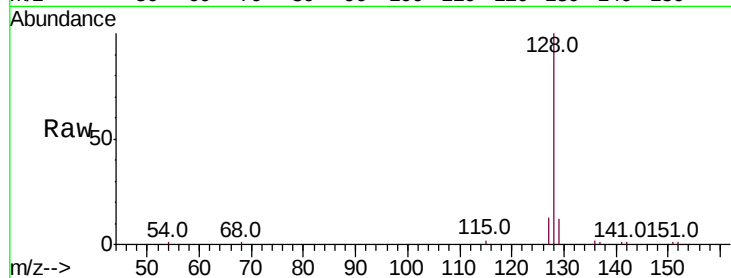
ClientSampleId :

C0BR3DL

Tot Ion:	128	Resp:	9449
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.3	10.7	16.1

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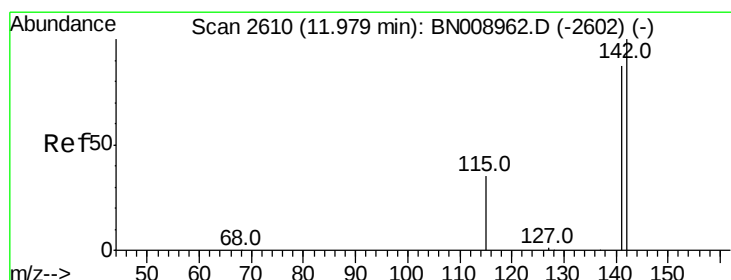
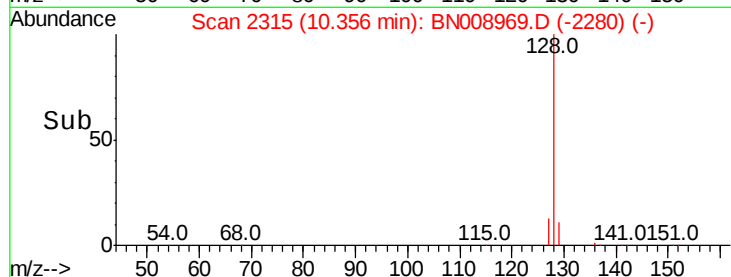
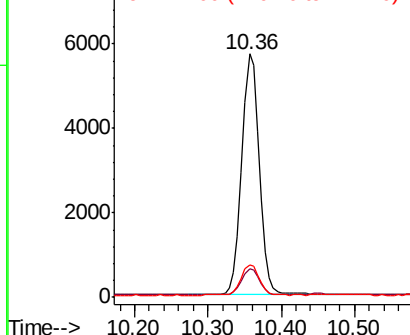


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.347 ng/ul

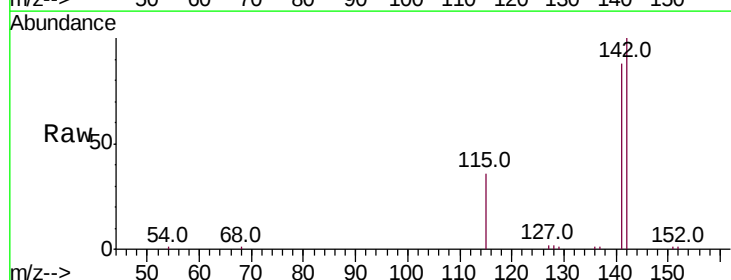
RT: 11.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BN008969.D

Acq: 13 Dec 2019 15:50

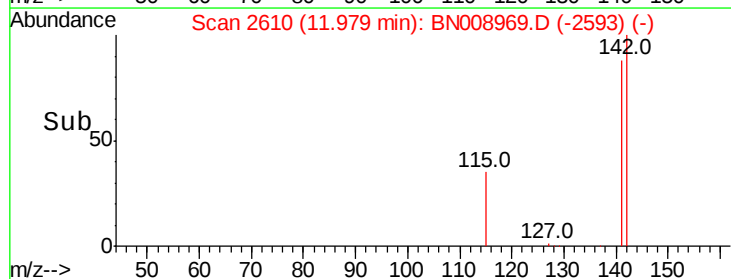
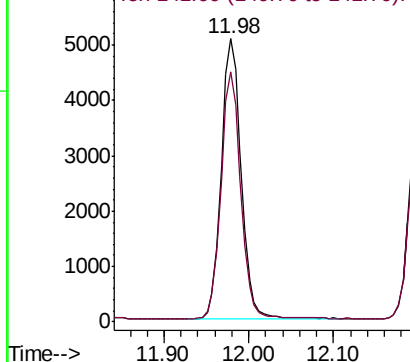
Tgt Ion:	142	Resp:	8227
Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.1	105.1

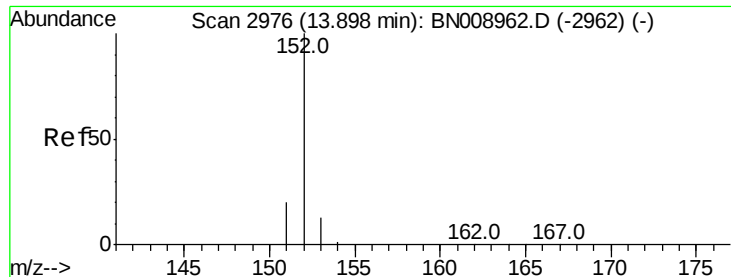


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.160 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BN008969.D

Acq: 13 Dec 2019 15:50

Instrument :

BNA_N

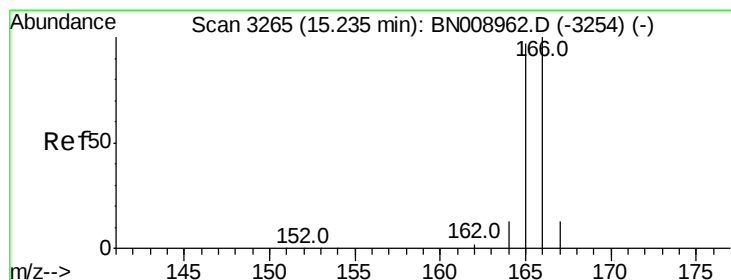
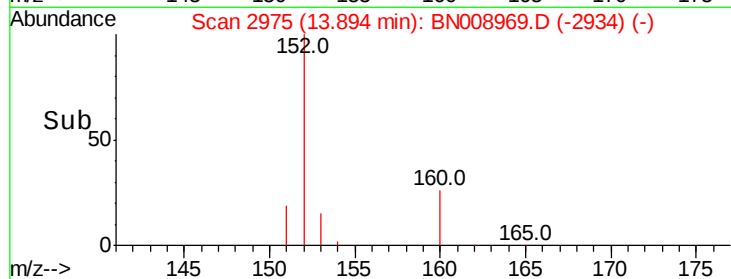
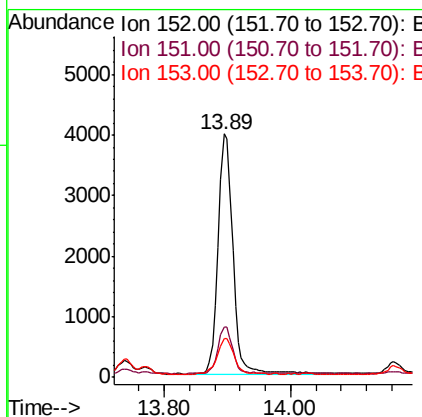
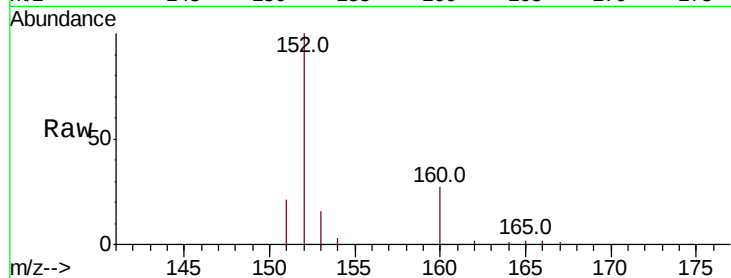
ClientSampleId :

C0BR3DL

Tot Ion:	152	Resp:	6480
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.8	23.6
153	15.9	10.6	15.8#

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#9

Fluorene

Concen: 0.025 ng/ul

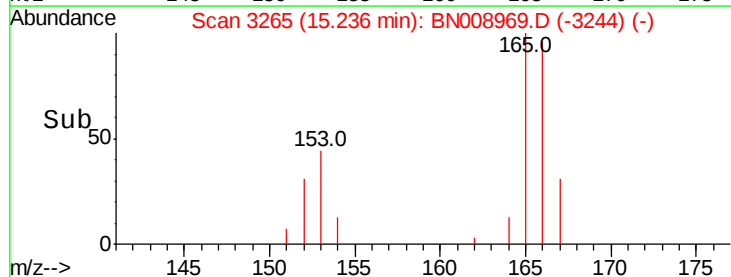
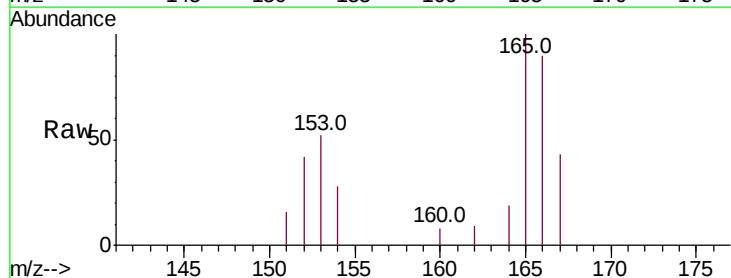
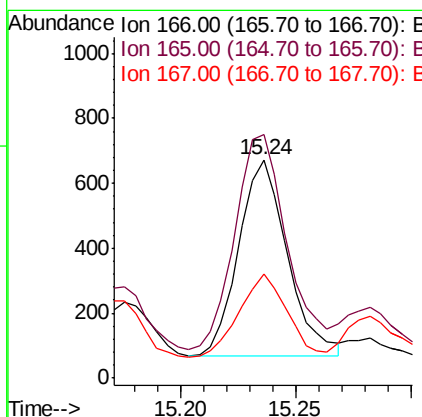
RT: 15.24 min Scan# 3265

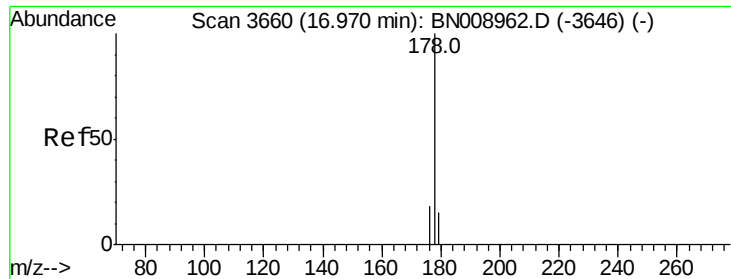
Delta R.T. -0.00 min

Lab File: BN008969.D

Acq: 13 Dec 2019 15:50

Tgt Ion:	166	Resp:	893
Ion Ratio	Lower	Upper	
166	100		
165	111.4	77.7	116.5
167	47.5	11.1	16.7#





#12

Phenanthrene

Concen: 0.534 ng/ul

RT: 16.97 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BN008969.D

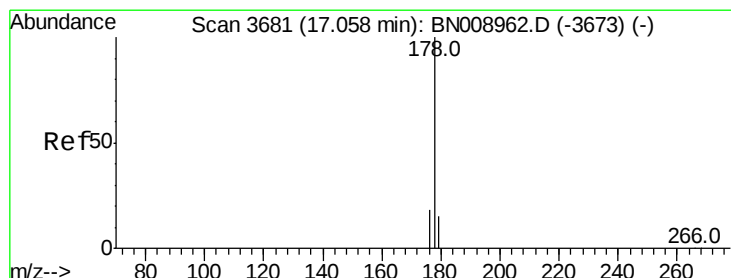
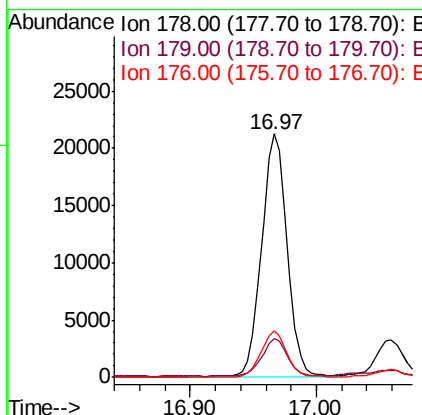
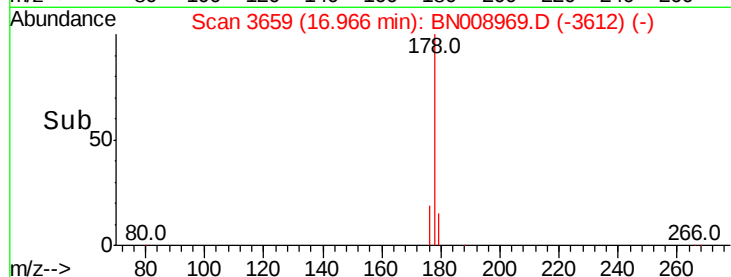
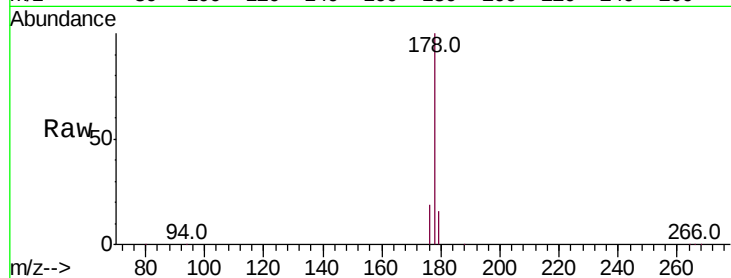
Acq: 13 Dec 2019 15:50

Instrument :
BNA_N
ClientSampleId :
C0BR3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.0	15.3	22.9

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#13

Anthracene

Concen: 0.086 ng/ul

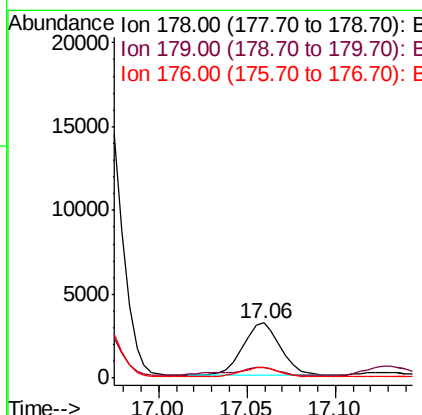
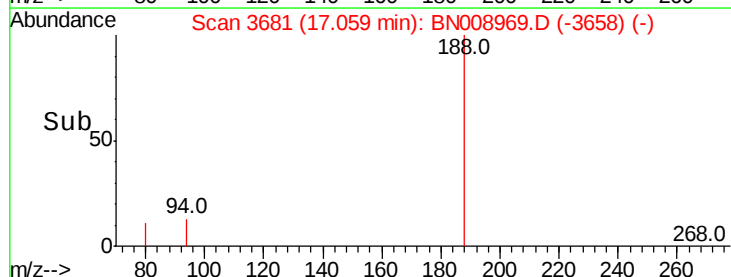
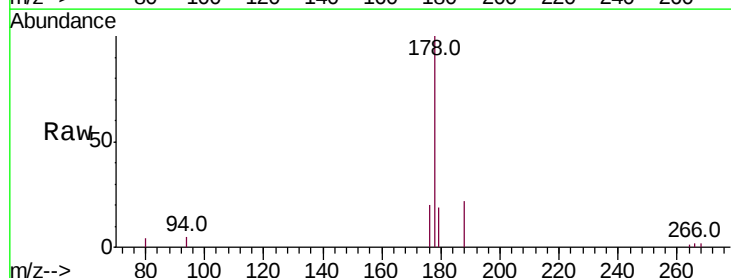
RT: 17.06 min Scan# 3681

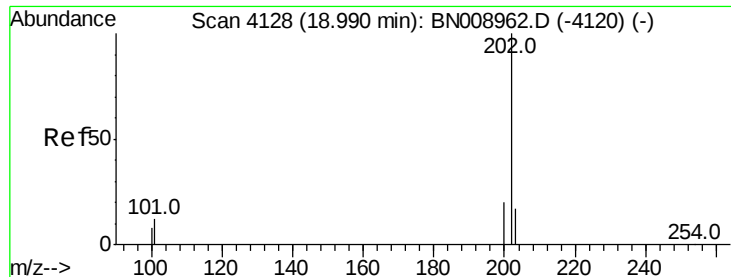
Delta R.T. -0.00 min

Lab File: BN008969.D

Acq: 13 Dec 2019 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.2	18.4#
176	20.0	14.7	22.1





#15

Fluoranthene

Concen: 0.854 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008969.D

Acq: 13 Dec 2019 15:50

Instrument :

BNA_N

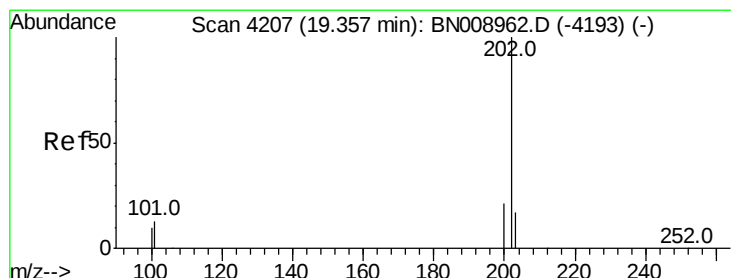
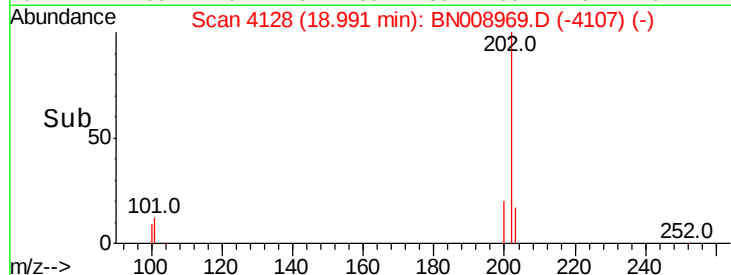
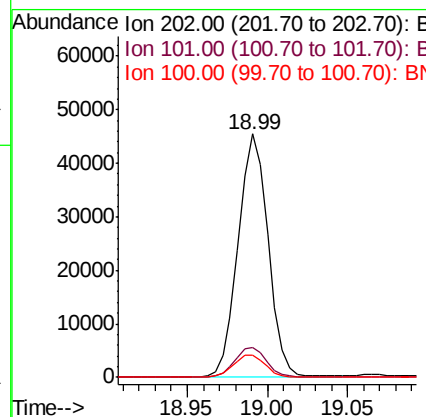
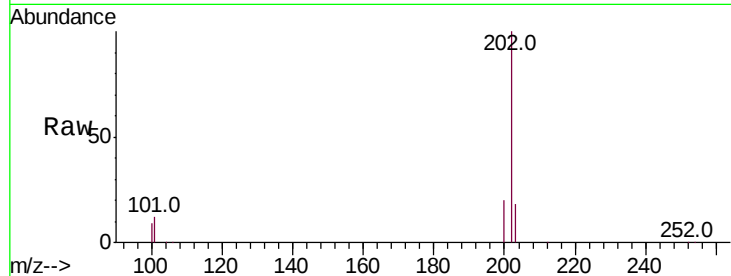
ClientSampleId :

C0BR3DL

Tot Ion:	202	Resp:	58521
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	32.4
100	9.3	0.0	29.2

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#17

Pyrene

Concen: 0.972 ng/ul

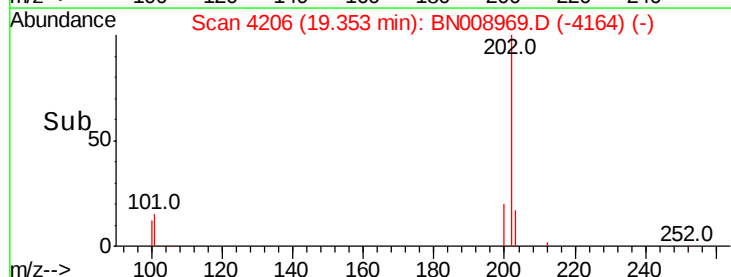
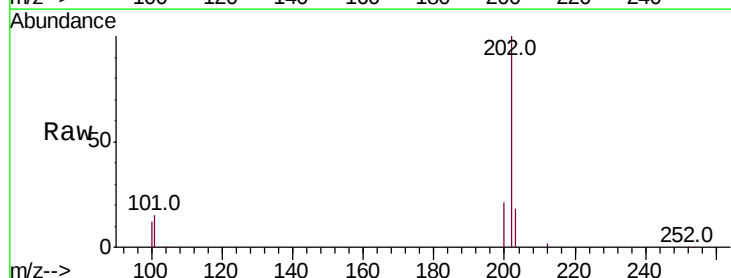
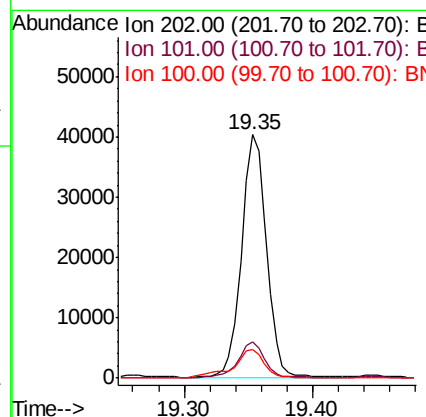
RT: 19.35 min Scan# 4206

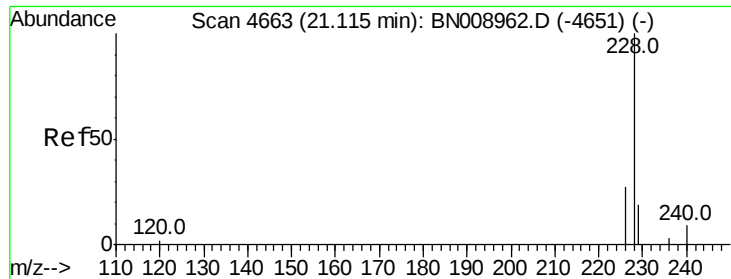
Delta R.T. -0.00 min

Lab File: BN008969.D

Acq: 13 Dec 2019 15:50

Tgt Ion:	202	Resp:	53948
Ion Ratio	Lower	Upper	
202	100		
101	14.8	12.2	18.4
100	11.9	9.5	14.3





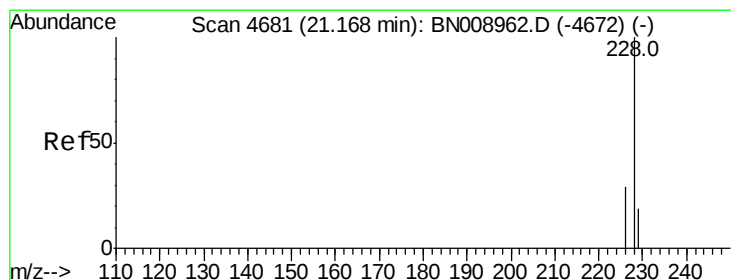
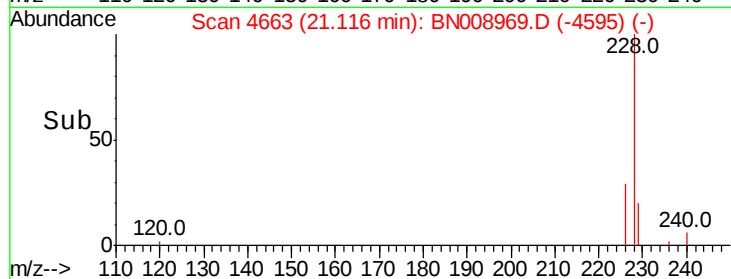
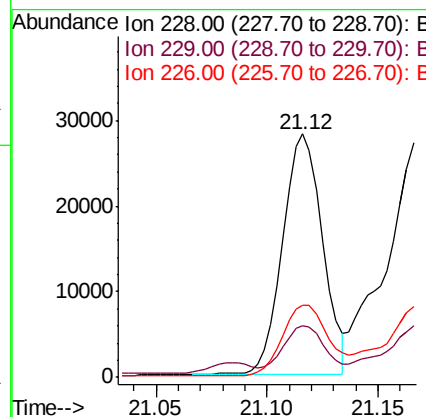
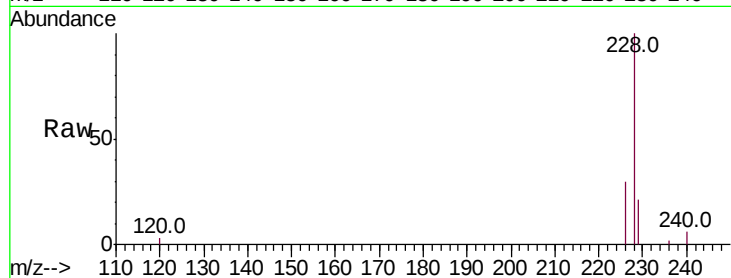
#18
Benzo(a)anthracene
Concen: 0.629 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008969.D
Acq: 13 Dec 2019 15:50

Instrument :
BNA_N
ClientSampleId :
C0BR3DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	29.9	21.5	32.3

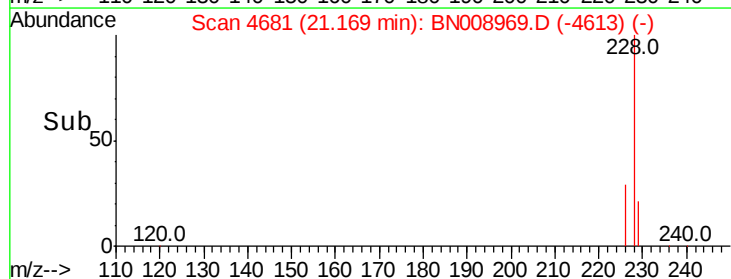
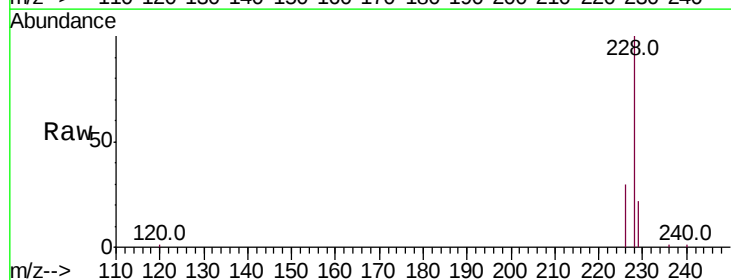
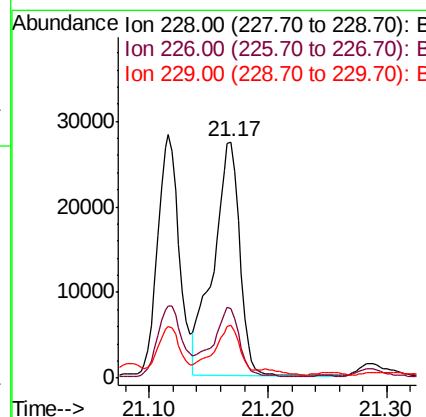
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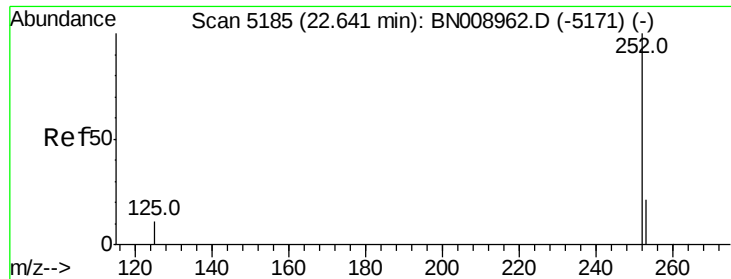
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#19
Chrysene
Concen: 0.768 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008969.D
Acq: 13 Dec 2019 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	22.3	15.6	23.4





#21

Benzo(b)fluoranthene

Concen: 1.022 ng/ul m

RT: 22.64 min Scan# 5186

Delta R.T. -0.00 min

Lab File: BN008969.D

Acq: 13 Dec 2019 15:50

Instrument :

BNA_N

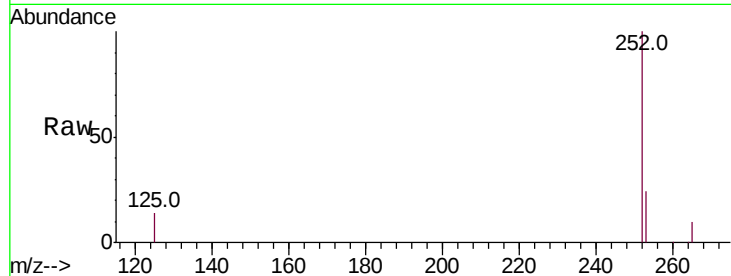
ClientSampleId :

C0BR3DL

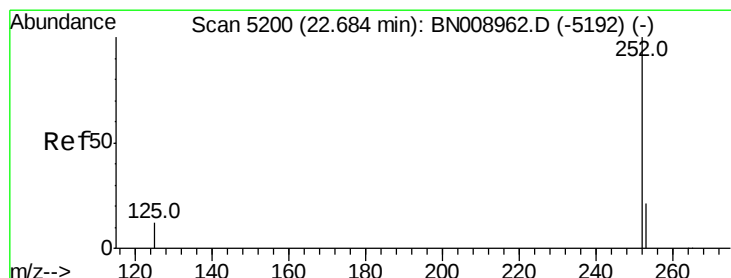
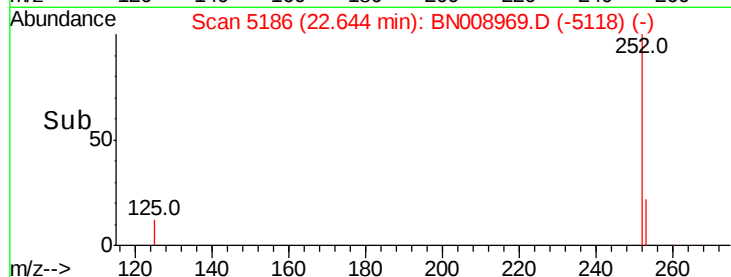
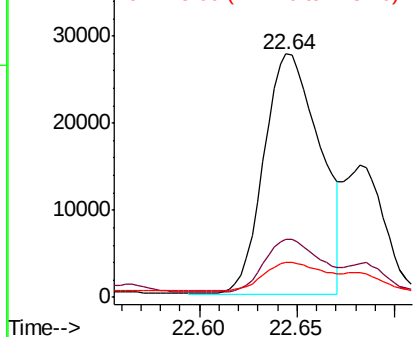
Tot Ion:	252	Resp:	55077
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	48.6
125	14.2	0.0	31.6

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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: 0.399 ng/ul m

RT: 22.68 min Scan# 5199

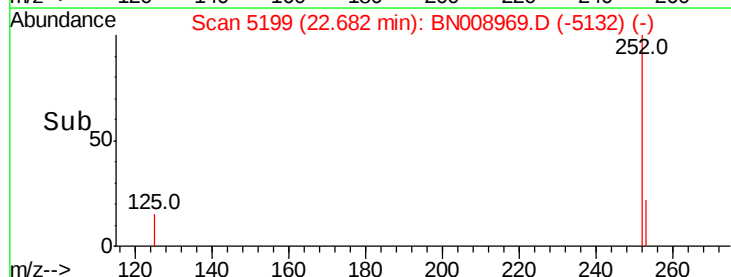
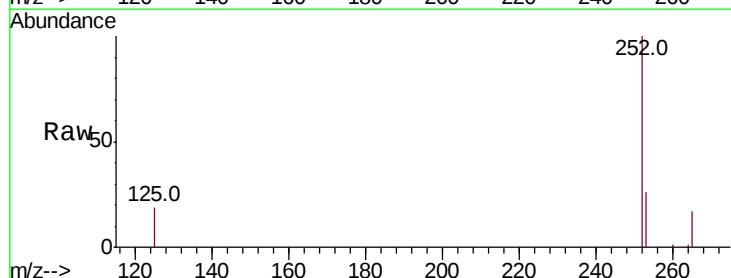
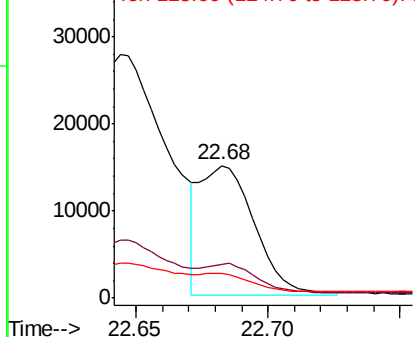
Delta R.T. -0.01 min

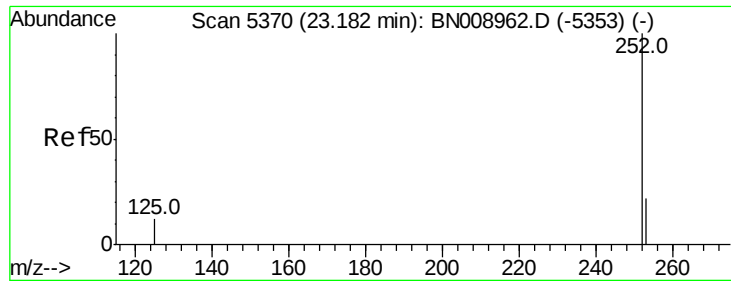
Lab File: BN008969.D

Acq: 13 Dec 2019 15:50

Tgt Ion:	252	Resp:	21329
Ion Ratio	Lower	Upper	
252	100		
253	25.7	19.6	29.4
125	18.8	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: 0.637 ng/ul

RT: 23.18 min Scan# 5370

Delta R.T. -0.01 min

Lab File: BN008969.D

Acq: 13 Dec 2019 15:50

Instrument :

BNA_N

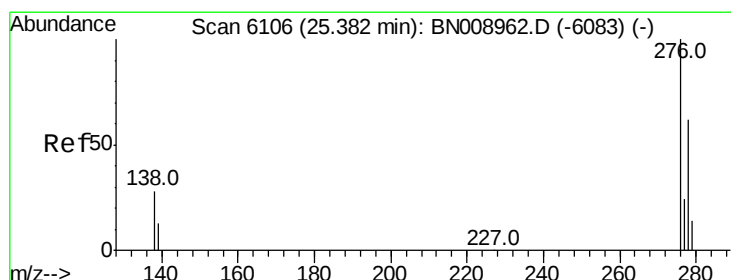
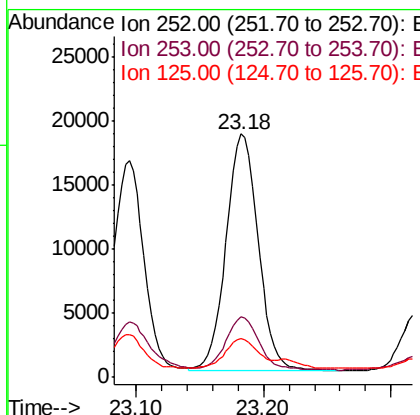
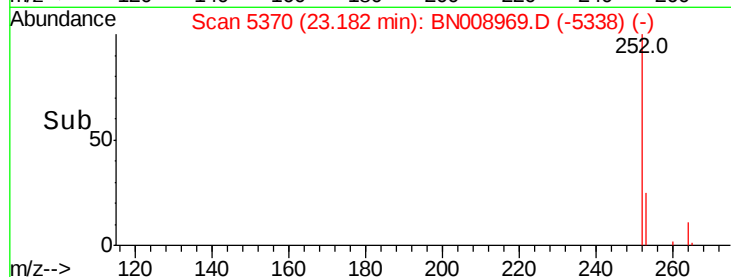
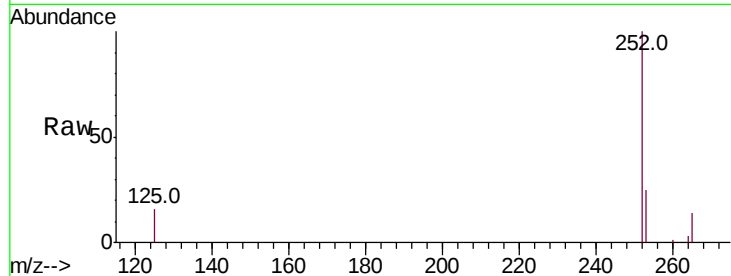
ClientSampleId :

C0BR3DL

Tot Ion:	252	Resp:	32220
Ion Ratio	Lower	Upper	
252	100		
253	25.0	19.9	29.9
125	15.8	14.6	22.0

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.327 ng/ul

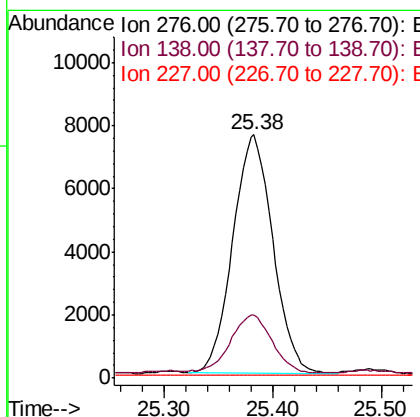
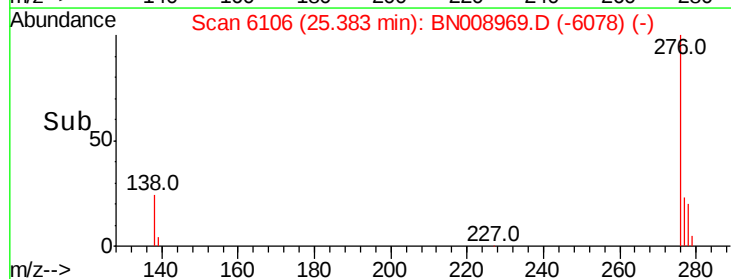
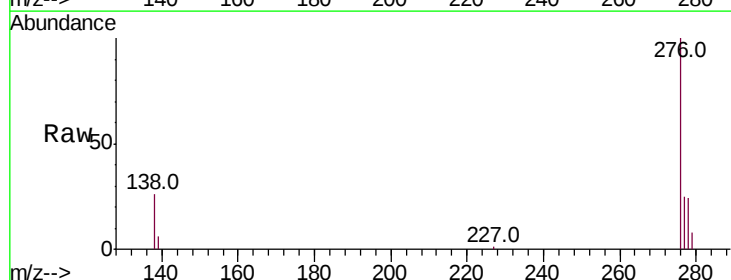
RT: 25.38 min Scan# 6106

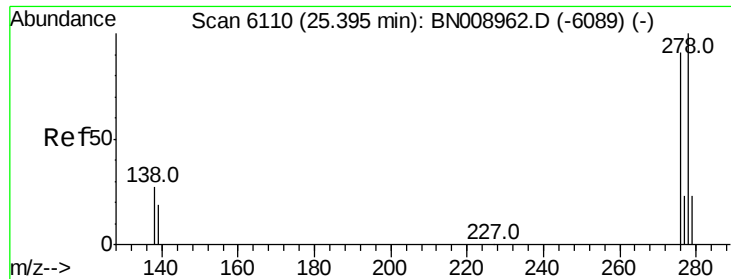
Delta R.T. -0.01 min

Lab File: BN008969.D

Acq: 13 Dec 2019 15:50

Tgt Ion:	276	Resp:	19352
Ion Ratio	Lower	Upper	
276	100		
138	25.4	23.8	35.6
227	0.3	0.2	0.2#





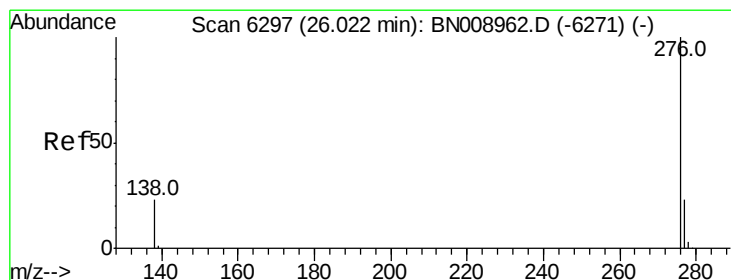
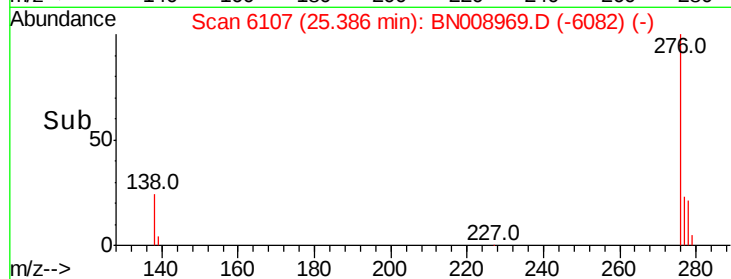
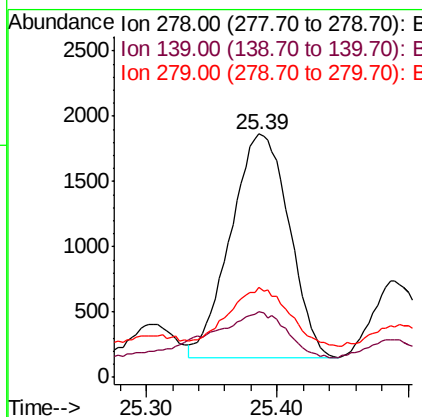
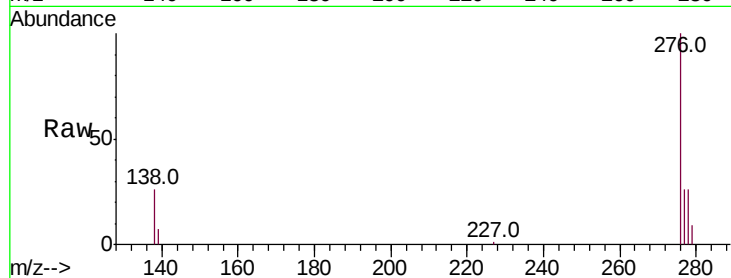
#25
Dibenzo(a,h)anthracene
Concen: 0.111 ng/u1
RT: 25.39 min Scan# 6107
Delta R.T. -0.02 min
Lab File: BN008969.D
Acq: 13 Dec 2019 15:50

Instrument :
BNA_N
ClientSampleId :
C0BR3DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.9	17.4	26.0#
279	36.9	20.5	30.7#

Manual Integrations
APPROVED

mohammad
12/16/2019 12:23:25 PM



#26
Benzo(g,h,i)perylene
Concen: 0.356 ng/u1
RT: 26.02 min Scan# 6297
Delta R.T. -0.01 min
Lab File: BN008969.D
Acq: 13 Dec 2019 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.9	32.9
277	25.2	19.9	29.9

